



NATIONAL HIGHWAYS AUTHORITY OF INDIA

(Ministry of Shipping, Road Transport & Highways)

Consultancy services for preparation of detailed project report for
Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway
Configuration of Jammu-Udhampur section of NH-1A (km 0.00 to km 66.00)
Including Jammu (part) Nagrota and Udhampur bypass Phase-III Programme of
North-South-Corridors project, Contract Package C-III/18

DRAFT DETAILED PROJECT REPORT

VOLUME - III DRAWINGS

Part -II (Road Cross Sections)

Udhampur Bypass (Ch. 10.000 - Ch. 16350.000)

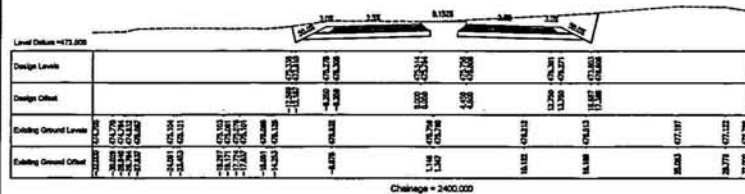


June-2009

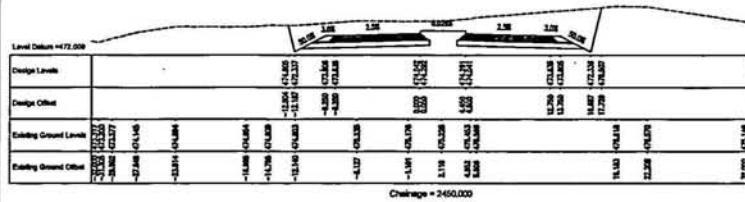


CROSS SECTIONS OF UDHAMPUR BYPASS
(CH. 10.000 - CH. 16350.000)

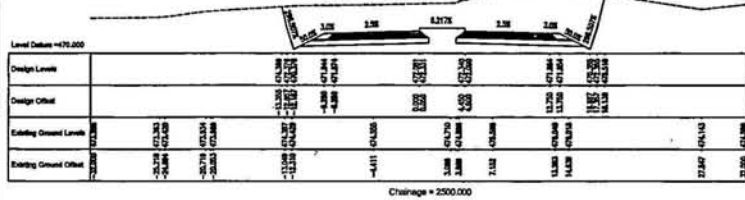




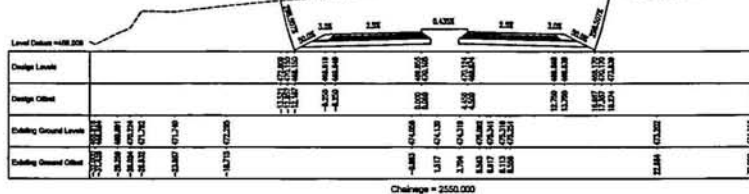
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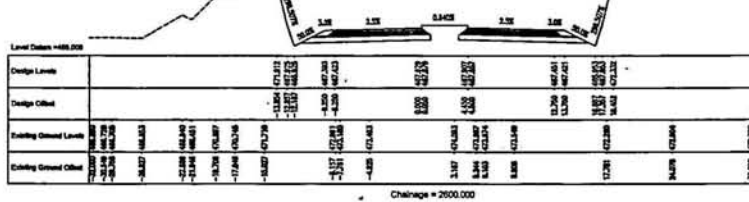
Chainage = 2450.000



Chainage = 2500.000



Chainage = 2550.000



Chainage = 2600.000



Chainage = 2650.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 5-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1 A (from 0.00 to less 86.00) including Jammu (Part) Bypass and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-4918

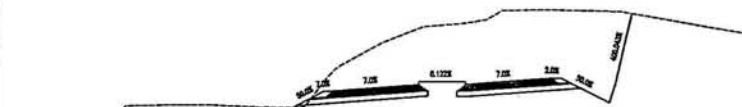
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Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTIONS
 CH. 2400.000 TO 2650.000
Drawing No.: SW/1019/ROADS/CS - 09
Scale: NOT TO BE SCALED
Drn: KLN
Dgn: K.PRASAD
Appd: BRG.C.D.PUR
Date: JUNE-2009

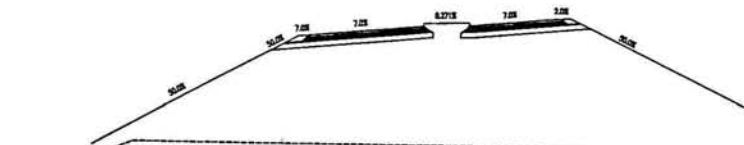
Scott Wilson India Private Limited
 A-28/4, MOHAN CO-OPERATIVE IND. ESTATE
 BANGERA ROAD
 NEW DELHI - 110044
 Tele: (011) 41673340 - 49
 Fax: (011) 41673350
 E-mail: swindia@swi.com





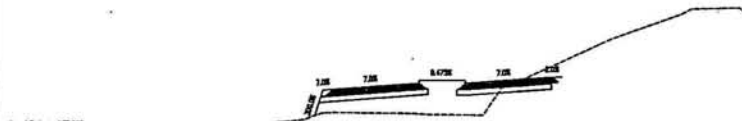
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Design Offset	0.000 1.000 2.000 3.000 4.000 5.000 6.000 7.000 8.000 9.000 10.000 11.000 12.000 13.000 14.000 15.000 16.000 17.000 18.000 19.000 20.000
Existing Ground Levels	148.500 148.250 148.000 147.750 147.500 147.250 147.000 146.750 146.500 146.250 146.000 145.750 145.500 145.250 145.000 144.750 144.500 144.250 144.000 143.750 143.500
Existing Ground Offset	1.500 1.750 2.000 2.250 2.500 2.750 3.000 3.250 3.500 3.750 4.000 4.250 4.500 4.750 5.000 5.250 5.500 5.750 6.000 6.250 6.500

Chaiirage = 2700.000



Level Datum +160.000	
Design Levels	160.000 159.750 159.500 159.250 159.000 158.750 158.500 158.250 158.000 157.750 157.500 157.250 157.000 156.750 156.500 156.250 156.000 155.750 155.500 155.250 155.000
Design Offset	0.000 1.000 2.000 3.000 4.000 5.000 6.000 7.000 8.000 9.000 10.000 11.000 12.000 13.000 14.000 15.000 16.000 17.000 18.000 19.000 20.000
Existing Ground Levels	158.500 158.250 158.000 157.750 157.500 157.250 157.000 156.750 156.500 156.250 156.000 155.750 155.500 155.250 155.000 154.750 154.500 154.250 154.000 153.750 153.500
Existing Ground Offset	1.500 1.750 2.000 2.250 2.500 2.750 3.000 3.250 3.500 3.750 4.000 4.250 4.500 4.750 5.000 5.250 5.500 5.750 6.000 6.250 6.500

Chaiirage = 2600.000



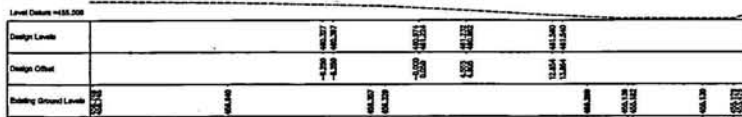
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Design Offset	0.000 1.000 2.000 3.000 4.000 5.000 6.000 7.000 8.000 9.000 10.000 11.000 12.000 13.000 14.000 15.000 16.000 17.000 18.000 19.000 20.000
Existing Ground Levels	155.500 155.250 155.000 154.750 154.500 154.250 154.000 153.750 153.500 153.250 153.000 152.750 152.500 152.250 152.000 151.750 151.500 151.250 151.000 150.750 150.500
Existing Ground Offset	1.500 1.750 2.000 2.250 2.500 2.750 3.000 3.250 3.500 3.750 4.000 4.250 4.500 4.750 5.000 5.250 5.500 5.750 6.000 6.250 6.500

Chaiirage = 2750.000



Level Datum +150.000	
Design Levels	150.000 149.750 149.500 149.250 149.000 148.750 148.500 148.250 148.000 147.750 147.500 147.250 147.000 146.750 146.500 146.250 146.000 145.750 145.500 145.250 145.000
Design Offset	0.000 1.000 2.000 3.000 4.000 5.000 6.000 7.000 8.000 9.000 10.000 11.000 12.000 13.000 14.000 15.000 16.000 17.000 18.000 19.000 20.000
Existing Ground Levels	148.500 148.250 148.000 147.750 147.500 147.250 147.000 146.750 146.500 146.250 146.000 145.750 145.500 145.250 145.000 144.750 144.500 144.250 144.000 143.750 143.500
Existing Ground Offset	1.500 1.750 2.000 2.250 2.500 2.750 3.000 3.250 3.500 3.750 4.000 4.250 4.500 4.750 5.000 5.250 5.500 5.750 6.000 6.250 6.500

Chaiirage = 2900.000



Level Datum +155.000	
Design Levels	155.000 154.750 154.500 154.250 154.000 153.750 153.500 153.250 153.000 152.750 152.500 152.250 152.000 151.750 151.500 151.250 151.000 150.750 150.500 150.250 150.000
Design Offset	0.000 1.000 2.000 3.000 4.000 5.000 6.000 7.000 8.000 9.000 10.000 11.000 12.000 13.000 14.000 15.000 16.000 17.000 18.000 19.000 20.000
Existing Ground Levels	153.500 153.250 153.000 152.750 152.500 152.250 152.000 151.750 151.500 151.250 151.000 150.750 150.500 150.250 150.000 149.750 149.500 149.250 149.000 148.750 148.500
Existing Ground Offset	1.500 1.750 2.000 2.250 2.500 2.750 3.000 3.250 3.500 3.750 4.000 4.250 4.500 4.750 5.000 5.250 5.500 5.750 6.000 6.250 6.500

Chaiirage = 2900.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for
 Rehabilitation and upgrading of existing 2-way road to 4-lane divided
 carriageway configuration of Jammu - Udhampur section of NH-1A
 Km 8.00 to km 88.00 including Jammu(Ph) Negriya and Udhampur
 Bypass Phase - II Programme of North-South corridor Project,
 Contract Package C-0818

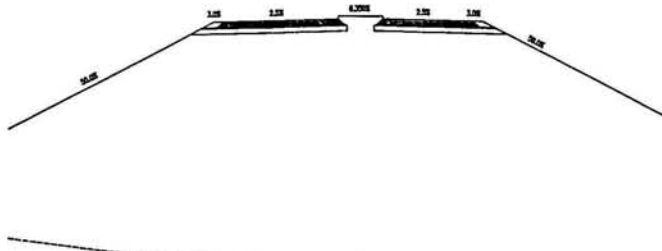
Client
**NATIONAL HIGHWAYS
 AUTHORITY OF INDIA**
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title:
**CROSS SECTIONS
 CH. 2700.000 TO 2900.000**

Drawing No.: SW/1019/ROADS/CS - 10
 Scale: NOT TO BE SCALED
 Dns: K.L.N
 Appd: K.PRASAD
 Date: JUNE-2009

Scott Wilson India Private Limited
 2574, MOHAN CO-OPERATIVE IND. ESTATE
 WAPDA ROAD
 NEW DELHI - 110044
 Tel: (011) 41879340 - 41
 Fax: (011) 41879350
 E-mail: scwilson@scwilson.com

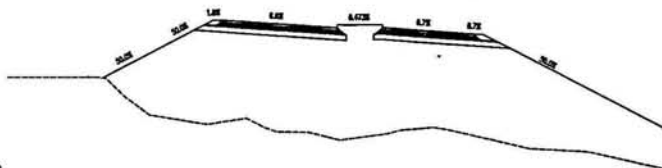




Level Datum +436.000

Design Levels																					
Design Offset																					
Existing Ground Levels																					
Existing Ground Offset																					

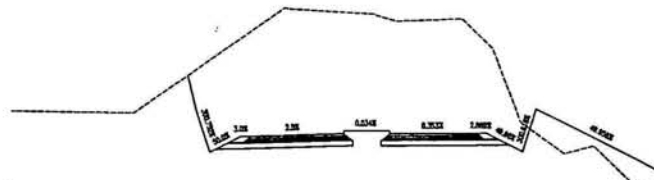
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Design Offset																					
Existing Ground Levels																					
Existing Ground Offset																					

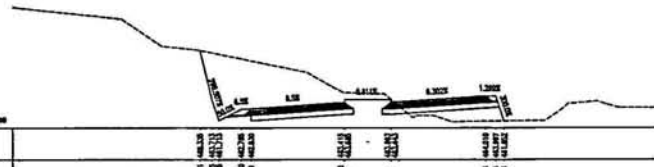
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Level Datum +436.000

Design Levels																					
Design Offset																					
Existing Ground Levels																					
Existing Ground Offset																					

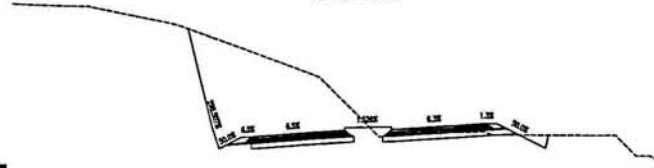
Chainage = 3050.000



Level Datum +441.000

Design Levels																					
Design Offset																					
Existing Ground Levels																					
Existing Ground Offset																					

Chainage = 3100.000



Level Datum +441.000

Design Levels																					
Design Offset																					
Existing Ground Levels																					
Existing Ground Offset																					

Chainage = 3150.000

Note:- Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for establishment and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jamna - Uthampur section of NH-1 A (km 0.00 to km 95.00) including Jamna(Pur) Bypass and Uthampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-8018

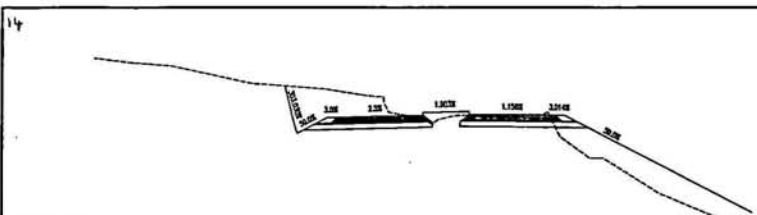
It is certified that the contents of this report are true and correct and have been prepared by the consultants on the basis of the data and information provided by the client. The consultants do not accept any responsibility for the accuracy or completeness of the data and information provided by the client. The consultants also do not accept any responsibility for the accuracy or completeness of the data and information provided by the client.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTIONS
CH. 2950.000 TO 3150.000
Drawing No.: SW/1019/ROADS/CS - 11
Scale: 1" = 40M NOT TO BE SCALED
Drm: K.L.N. Appd: K.PRASAD Date: 13/06/2009

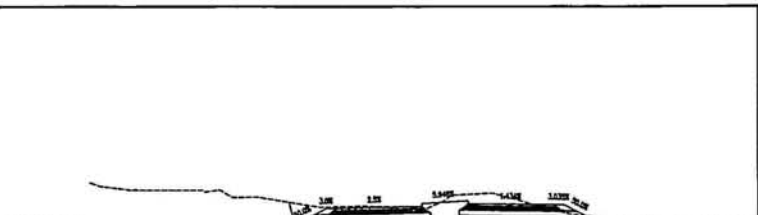
Scott Wilson India Private Limited
A-2/4, ANAND CO-OPERATIVE IND. ESTATE
1475105, ROYAL GATE, Gurgaon - 122002
Tel: (011) 4187340 - 49
Fax: (011) 4187350
E-mail: scwilson@gmail.com





Level Datum +430.000	
Design Levels	11.300 48.720 11.300 48.336 11.300 48.336
Design Offset	0.000 0.000 0.000 0.000 0.000 0.000
Existing Ground Levels	11.300 48.720 11.300 48.336 11.300 48.336
Existing Ground Offset	0.000 0.000 0.000 0.000 0.000 0.000

Chainage = 3200.000



Level Datum +470.000	
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Existing Ground Offset	0.000 0.000 0.000 0.000 0.000 0.000

Chainage = 3350.000



Level Datum +487.000	
Design Levels	11.300 48.720 11.300 48.336 11.300 48.336
Design Offset	0.000 0.000 0.000 0.000 0.000 0.000
Existing Ground Levels	11.300 48.720 11.300 48.336 11.300 48.336
Existing Ground Offset	0.000 0.000 0.000 0.000 0.000 0.000

Chainage = 3250.000



Level Datum +488.000	
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Existing Ground Offset	0.000 0.000 0.000 0.000 0.000 0.000

Chainage = 3400.000



Level Datum +487.000	
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Design Offset	0.000 0.000 0.000 0.000 0.000 0.000
Existing Ground Levels	11.300 48.720 11.300 48.336 11.300 48.336
Existing Ground Offset	0.000 0.000 0.000 0.000 0.000 0.000

Chainage = 3300.000



Level Datum +474.000	
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Existing Ground Levels	11.300 42.024 11.300 42.024 11.300 42.024
Existing Ground Offset	0.000 0.000 0.000 0.000 0.000 0.000

Chainage = 3450.000

Note:- Levels shown are self assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway comprising of Jammu - Udhampur section of NH-1A (on 0.00 to km 88.00) including Jammu/Paro Nagrota and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-0118

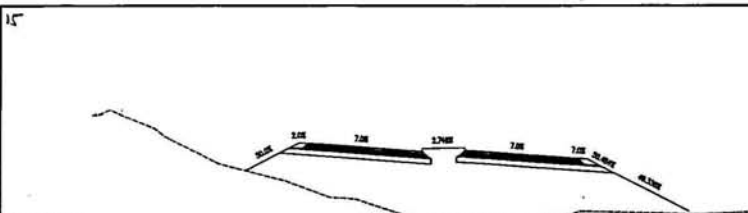
The Engineer in the presence of
 Survey Officer, Jammu
 Survey Officer, Udhampur
 Survey Officer, Nagrota
 Survey Officer, Paro
 Survey Officer, Jammu
 Survey Officer, Udhampur
 Survey Officer, Nagrota
 Survey Officer, Paro

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTIONS
 CH. 3200.000 TO 3450.000
 Drawing No.: SW/1019/ROADS/CS - 12
 Scale: 1" = NOT TO BE SCALED
 Dwn: K.L.N. Dgn: K.PRASAD Appd: BRIG.C.D.PURI Date: JUNE-2009

Soit Wilson India Private Limited
 A-26/A, UDHAM CO-OPERATIVE IND. ESTATE
 JAMMU-180040
 TEL: 011-41679340 - 49
 FAX: 011-41679350
 E-MAIL: info@swi.com

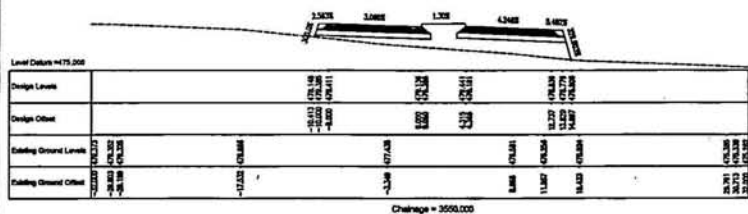




Level Datum +479.000

Design Levels															
Design Offset															
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Existing Ground Offset	-23.227	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237

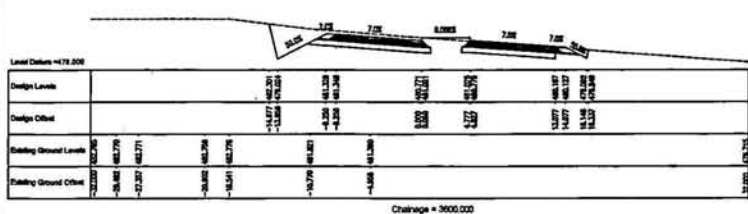
Chirriage = 3000.000



Level Datum +479.000

Design Levels															
Design Offset															
Existing Ground Levels	72.007	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232
Existing Ground Offset	-23.227	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237

Chirriage = 3000.000



Level Datum +479.000

Design Levels															
Design Offset															
Existing Ground Levels	72.007	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232
Existing Ground Offset	-23.227	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237

Chirriage = 3000.000

Note:- Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane dual carriageway configuration of Jammu - Udhampur section of NH-4 (Jan 0.00 to km 66.00) including Jammu/Parb Nagar and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-2918

Client
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(Ministry of Shipping, Road Transport & Highways)

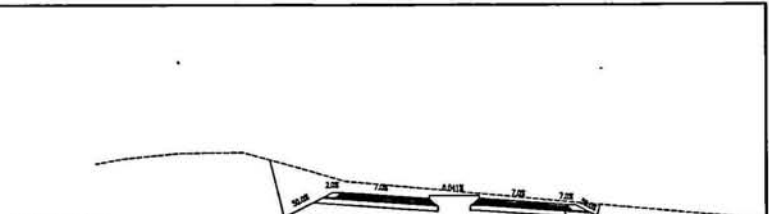
Drawing Title
CROSS SECTIONS
CH. 3500.000 TO 3750.000

Drawing No. : SW/H/018/ROADS/CS - 13

Scale :- NOT TO BE SCALED

Drawn : K.L.N
Appd : K.PRASAD
Date : JUNE-2009

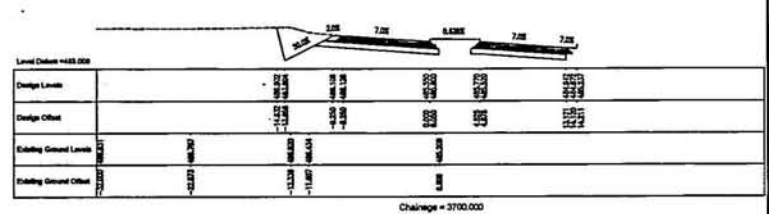
Spot Wilson India Private Limited
-28/A, WAMAN CO-OPERATIVE IND. ESTATE
MATHURA ROAD
New Delhi - 110044
Phone : (011) 41679340 - 49
Fax : (011) 41679350
E-mail : rajesh@spotl.com



Level Datum +480.000

Design Levels															
Design Offset															
Existing Ground Levels	72.007	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232
Existing Ground Offset	-23.227	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237

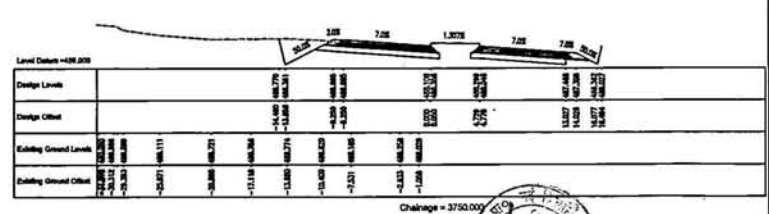
Chirriage = 3650.000



Level Datum +480.000

Design Levels															
Design Offset															
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Existing Ground Offset	-23.227	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237

Chirriage = 3700.000

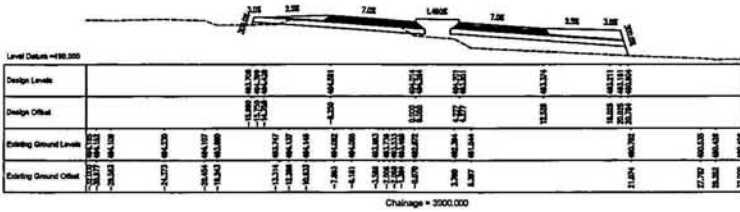
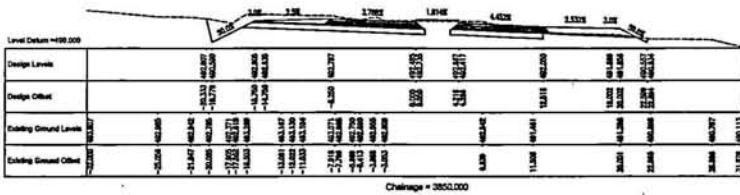
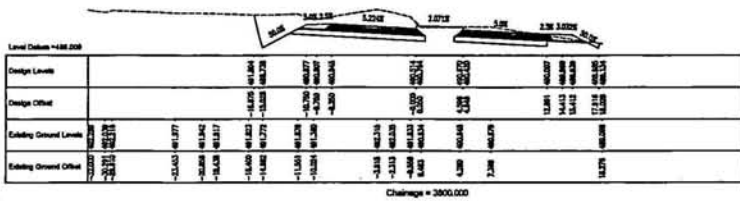


Level Datum +480.000

Design Levels															
Design Offset															
Existing Ground Levels	72.007	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232	68.232
Existing Ground Offset	-23.227	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237	-18.237

Chirriage = 3750.000





Note:- Levels shown are not assumed datum.

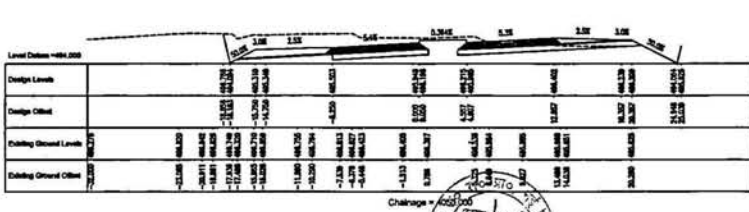
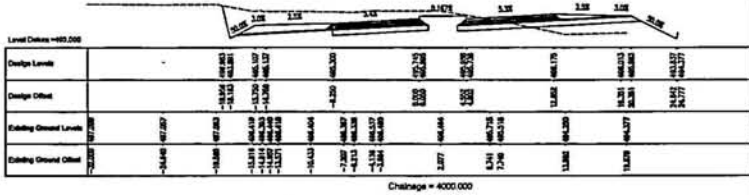
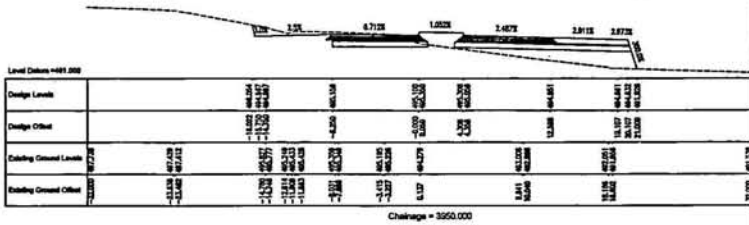
Project Title
 Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A, (km 8.00 to km 88.00) including Jammu/Jwaj Nagar and Udhampur Bypass Phase - II Programme of North - South corridor Project, Contract Package C-6718

THE NATIONAL HIGHWAYS AUTHORITY OF INDIA
 The Authority shall be responsible for the preparation, execution and control of the project and shall be liable for the completion of the project within the time and cost specified in the contract. It shall be the duty of the contractor to provide all the necessary facilities for the execution of the project and to maintain the same in good order throughout the project.

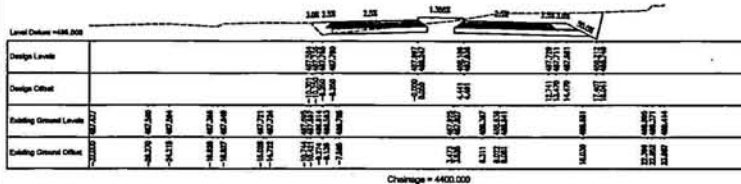
Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTIONS CH. 3800.000 TO 4050.000
Drawing No.: SW/1019/ROADS/CS - 14
Scale: 1" = NOT TO BE SCALED
Drn: K.L.N. **Dgn:** K.P.RASAD **Appd:** BRIC.C.D./UK **Date:** JUNE-2009

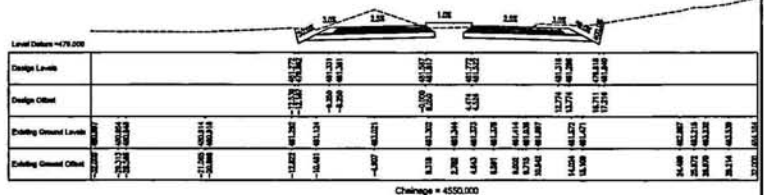
Client
Scott Wilson India Private Limited
 A-26/4, MOHAN CO-OPERATIVE IND. ESTATE
 WAZIRPUR ROAD
 NEW DELHI - 110044
 Tel: (011) 41678340 - 49
 Fax: (011) 41678350
 E-mail: swindia@swi.com



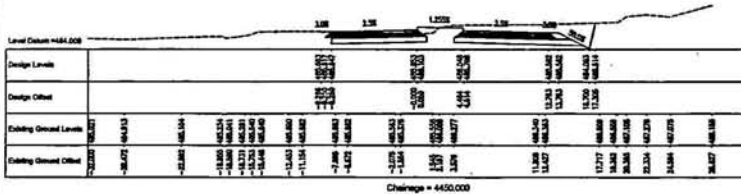
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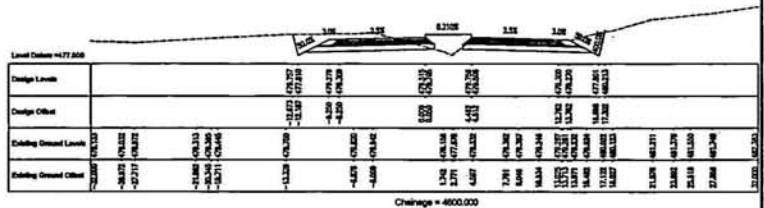
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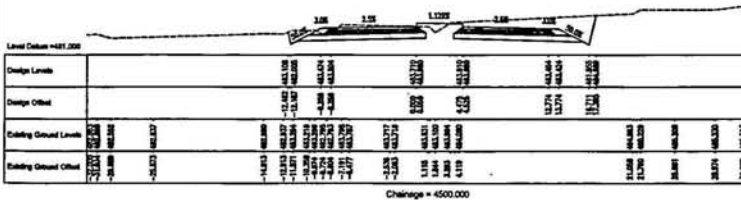
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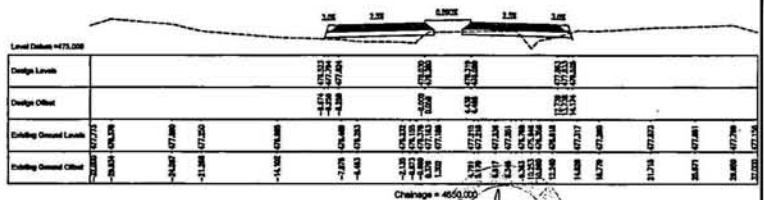
Chiragpa = 4450.000



Chiragpa = 4600.000



Chiragpa = 4500.000



Chiragpa = 4650.000

Note: Levels shown are not assumed datum.

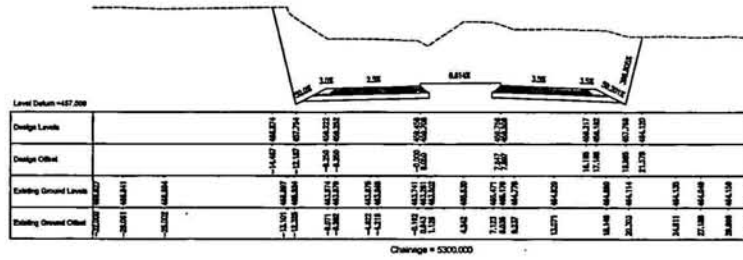
Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2 lane road to 4 lane divided Carriageway combination of Jammu - Udhampur section of NH-1 A from 8.00 to km 86.00 including Jammu(Par) segment and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-8/18

Client
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 (Ministry of Shipping, Road Transport & Highways)

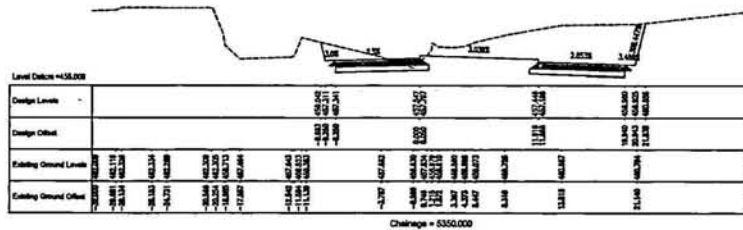
Drawing Title: CROSS SECTIONS
 CH. 4400.000 TO 4650.000
Drawing No.: SWU/1019/ROADS/CSS-18
 Scale: NOT TO BE SCALED
 Date: JUNE-2009

Client
 Scott Wilson India Private Limited
 MOHAN CO-OPERATIVE IND. ESTD.
 MUTSARA ROAD
 NEW DELHI - 110044
 Phone: (011) 41673340 - 49
 Fax: (011) 41673350
 E-mail: info@swi.com

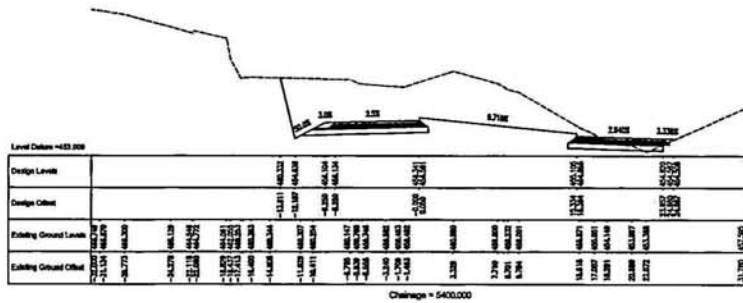




Chirpage = 5300.000



Chirpage = 5350.000



Chirpage = 5400.000

Note:- Levels shown are not assumed datum.

Project Title
 Consulting services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH 1 A. (km 0.00 to km 66.00) including Jammu(40) bypass and Udhampur bypass Phase - II Programme of North - South - corridors Project, Contract Package C-8718

As per the terms and conditions of the contract, the Engineer shall be responsible for the design and shall not be liable for any errors or omissions in the design or for any consequences arising therefrom. The Contractor shall be responsible for the construction and shall not be liable for any errors or omissions in the construction or for any consequences arising therefrom.

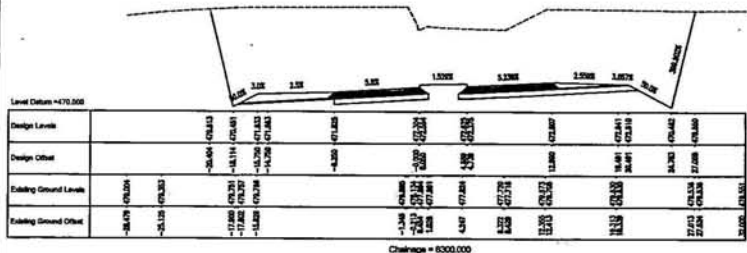
Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTIONS CH. 5300.000 TO 5400.000
Drawing No.: SW/1019/ROADSICS - 19
Scale :- NOT TO BE SCALED
Dra.: K.L.N
Appd.: K.PRASAD
Date: JUNE-2009

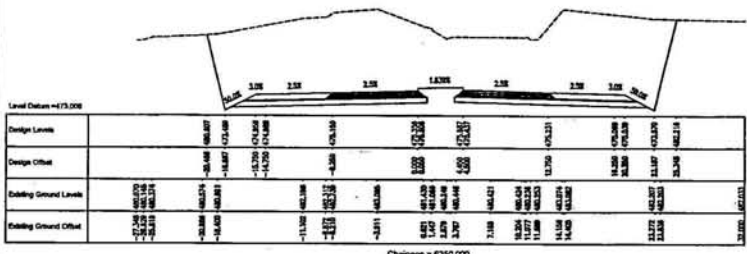


Sothi Wilson India Private Limited
 A-26/1, MOHAN CO-OPERATIVE IND. ESTATE, GURUPURA ROAD
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 E-mail: info@swiindia.com

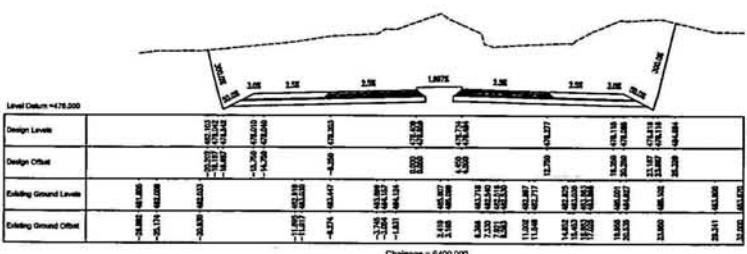




Chaiirage = 6300.000



Chaiirage = 6350.000



Chaiirage = 6400.000

Note:- Levels shown are not assumed Datum.

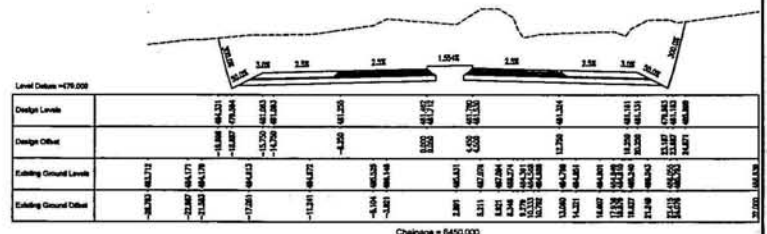
Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1A, Km 0.00 to Km 95.00 including Jammu/Parli Nagrota and Udhampur Bypass Phase - II Programme of North - South - corridors Project, Contract Package C-0718

As per the terms and conditions of the contract, the Engineer shall not be responsible for any errors or omissions in the drawings or specifications, or for any consequences arising therefrom, which may be due to any cause, including but not limited to, the negligence or default of any contractor, subcontractor, consultant, or other party participating in the project.

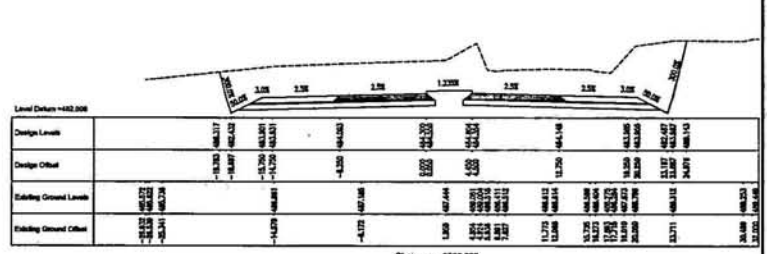
Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTIONS
 CH. 6300.000 TO 6550.000
Drawing No.: SW/1019/ROADS/CS - 25
Scale: NOT TO BE SCALED
Drn: K.L.N
Dsg: K.PRASAD
Appd: BRG.C.D.PUR
Date: JUNE-2009

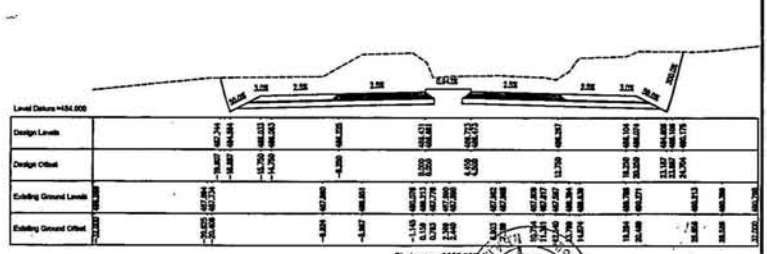
Client: Scott Wilson India Private Limited
 A-25/ SINGHAN CO-OPERATIVE RD. ESTATE
 WATKINS ROAD
 NEW DELHI - 110044
 Tel: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: swi@scw.com



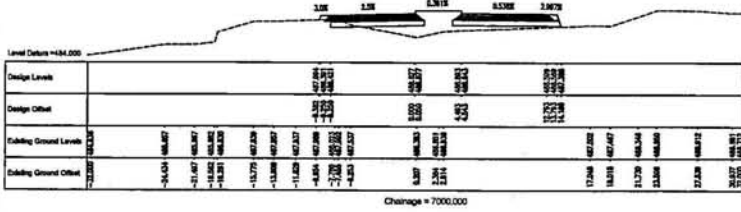
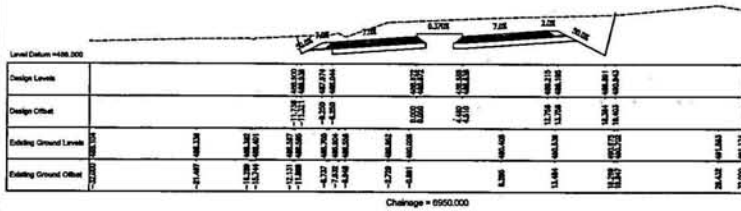
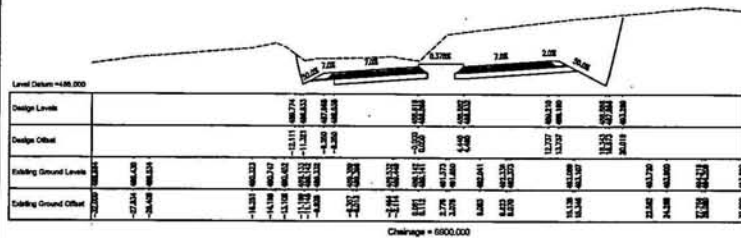
Chaiirage = 6450.000



Chaiirage = 6500.000



Chaiirage = 6550.000



Notes:-
Levels shown are wet assumed datum.

Project Title
Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 3-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1 A. (Km 0.00 to Km 06.00) including Jammu/Part II Nagrota and Udhampur bypass Phase - II Programme of North - South - corridors Project, Contract Package C-1818

The drawings in this programme of work shall be prepared by the contractor and shall not be returned to the client without the contractor's signature and seal and to be certified by the contractor as the 'true and correct copy of the original drawing' and shall not be used for any other purpose without the written permission of the client.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTIONS
CH. 6900.000 TO 7150.000

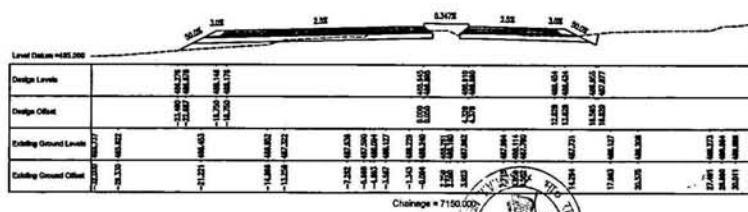
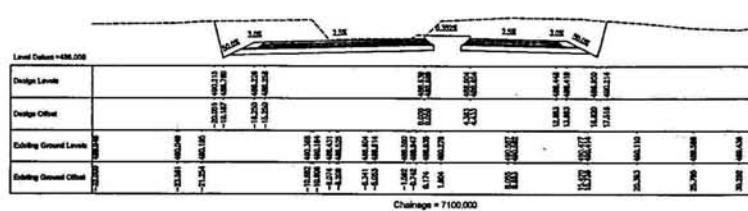
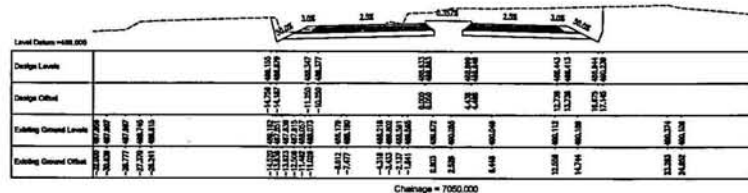
Drawing No.: SW/1018/ROADS/CS - 27

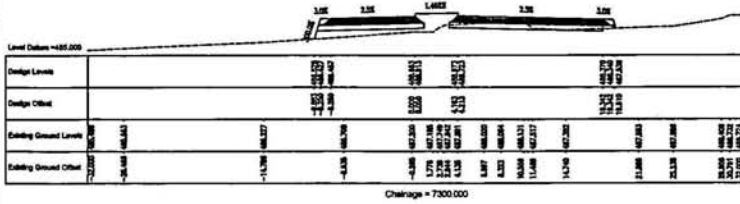
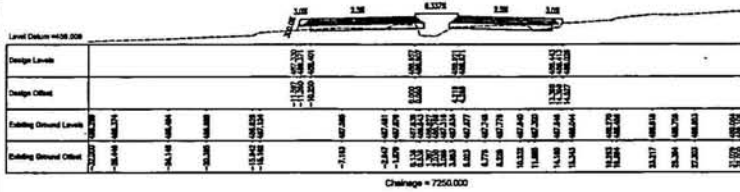
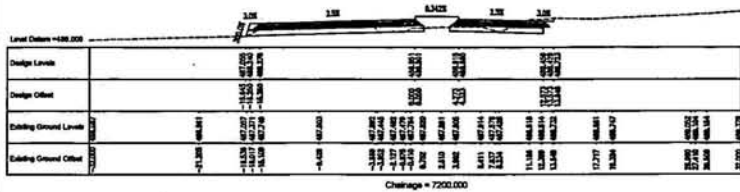
Scale :- NOT TO BE SCALED

Drn. Dns. Appd. Date
K.L.N. K.PRASAD BRIG.C.D.PURU JUNE-2008



Scott Wilson India Private Limited
A-26/1, MOHAN CO-OPERATIVE IND. ESTATE
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Fax: (011) 41679350
E-mail: swi@swiindia.com





Note:- Levels shown are not assumed datum.

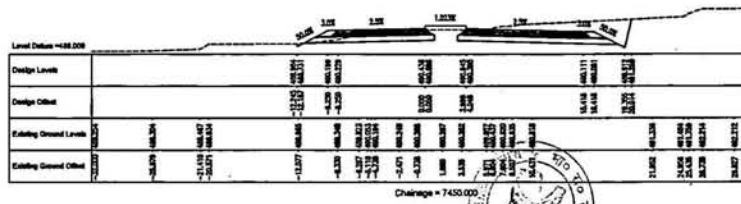
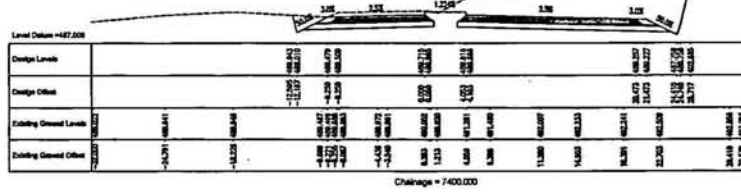
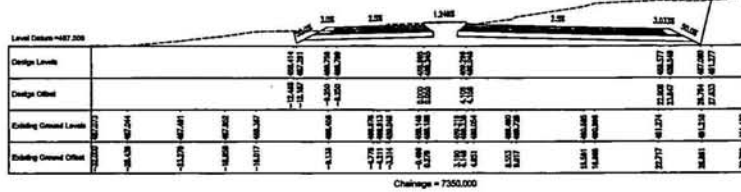
Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided Carriageway configuration of Jaamra - Udaipur section of NH-1 A (Bis 0.00 to Km 86.00) including Jammu (PVT) Highways and Udaipur Bypass Phase - III Programme of North - South - corridor Project. Contract Package C-019B

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Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: **CROSS SECTIONS CH. 7200.000 TO 7450.000**
 Drawing No.: **SWVI019/ROADS/CS - 28**
 Scale: **1:100**
 Dwn: **K.L.N.**
 Appd: **K.PRASAD**
 Date: **JUNE-2009**

Scott Wilson India Private Limited
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 WARDHARA ROAD
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 E-mail: info@swindia.com



Level Datum =+88.208



Design Levels	48.100	48.034	47.969	47.904	47.838	47.773	47.708	47.643	47.578
Design Offset	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008
Existing Ground Levels	59.108	59.042	58.977	58.912	58.847	58.782	58.717	58.652	58.587
Existing Ground Offset	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008

Chairsage = 7500.000

Level Datum =+87.208



Design Levels	47.100	47.034	46.969	46.904	46.838	46.773	46.708	46.643	46.578
Design Offset	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992
Existing Ground Levels	58.092	58.026	57.961	57.896	57.831	57.766	57.701	57.636	57.571
Existing Ground Offset	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992

Chairsage = 7650.000

Level Datum =+88.208



Design Levels	48.100	48.034	47.969	47.904	47.838	47.773	47.708	47.643	47.578
Design Offset	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008
Existing Ground Levels	59.108	59.042	58.977	58.912	58.847	58.782	58.717	58.652	58.587
Existing Ground Offset	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008

Chairsage = 7500.000

Level Datum =+87.208



Design Levels	47.100	47.034	46.969	46.904	46.838	46.773	46.708	46.643	46.578
Design Offset	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992
Existing Ground Levels	58.092	58.026	57.961	57.896	57.831	57.766	57.701	57.636	57.571
Existing Ground Offset	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992

Chairsage = 7700.000

Level Datum =+88.208



Design Levels	48.100	48.034	47.969	47.904	47.838	47.773	47.708	47.643	47.578
Design Offset	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008
Existing Ground Levels	59.108	59.042	58.977	58.912	58.847	58.782	58.717	58.652	58.587
Existing Ground Offset	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008	-11.008

Chairsage = 7500.000

Level Datum =+87.208



Design Levels	47.100	47.034	46.969	46.904	46.838	46.773	46.708	46.643	46.578
Design Offset	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992
Existing Ground Levels	58.092	58.026	57.961	57.896	57.831	57.766	57.701	57.636	57.571
Existing Ground Offset	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992	-10.992

Chairsage = 7750.000

NOTE:- Levels shown are not assumed data.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2 lane road for 4 lane divided Carriageway configuration of Jamna - Udaipur section of NH 5 A (Km 0.00 to Km 66.00) including Jammu/Pali Bypass and Udaipur Bypass Phase - II Programme of North - South corridor Project. Contract Package C-1/18

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NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTIONS CH. 7500.000 TO 7750.000
 Drawing No.: SW/1019/ROADS/CS - 29
 Scale: 1" = 100' TO BE SCALED
 Date: K.L.N. Dm. X.P.SASAD App. BRG.C.D.PUR Date JUNE-2009

Client: National Highways Authority of India
 Drawing Title: CROSS SECTIONS CH. 7500.000 TO 7750.000
 Drawing No.: SW/1019/ROADS/CS - 29
 Scale: 1" = 100' TO BE SCALED
 Date: K.L.N. Dm. X.P.SASAD App. BRG.C.D.PUR Date JUNE-2009

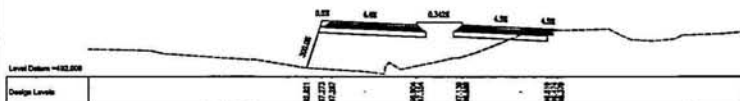
Scott Wilson India Private Limited
 A-26/27/1/2/3/4/5/6/7/8/9/10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100
 New Delhi - 110044
 Tel: (011) 41673240 - 49
 Fax: (011) 41673250
 E-mail: swi@swi.com





Level Datum +488.000						
Design Levels						
Design Offset						
Existing Ground Levels						
Existing Ground Offset						

Chirpage = 7800.000



Level Datum +482.000						
Design Levels						
Design Offset						
Existing Ground Levels						
Existing Ground Offset						

Chirpage = 7800.000



Level Datum +497.000						
Design Levels						
Design Offset						
Existing Ground Levels						
Existing Ground Offset						

Chirpage = 7800.000



Level Datum +488.000						
Design Levels						
Design Offset						
Existing Ground Levels						
Existing Ground Offset						

Chirpage = 7800.000



Level Datum +502.000						
Design Levels						
Design Offset						
Existing Ground Levels						
Existing Ground Offset						

Chirpage = 8000.000



Level Datum +484.000						
Design Levels						
Design Offset						
Existing Ground Levels						
Existing Ground Offset						

Chirpage = 8050.000

Note: Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jamnara - Uthampur section of NH-1 A (Km 0.00 to Km 06.00) including Jamnara(Pur) Bypass and Uthampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-018

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

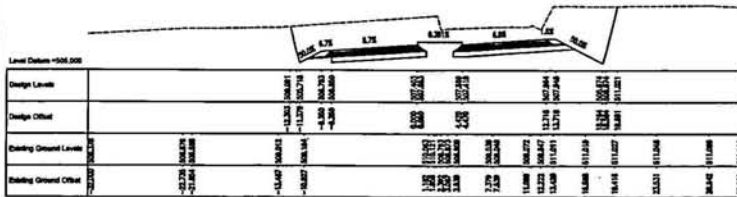
Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: **CROSS SECTIONS CH. 7800.000 TO 8050.000**
 Drawing No. : **SW/1018/ROADS/CS-30**
 Scale : **NOT TO BE SCALED**
 Dm: **KLM** Dgn: **K.PRASAD** Appd: **B.N.W.G.D.PURE**
 Date: **JUNE-2009**

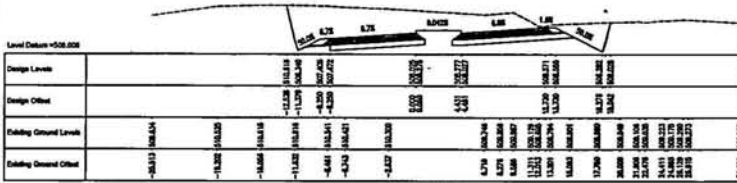


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 MIDC, BOMBAY ROAD
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 E-mail : scoti@scoti.com

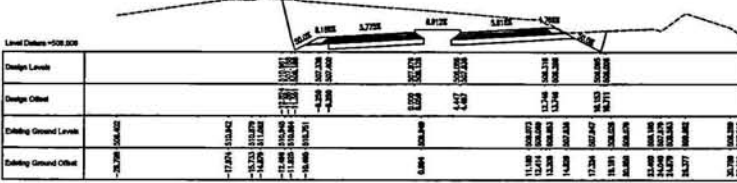




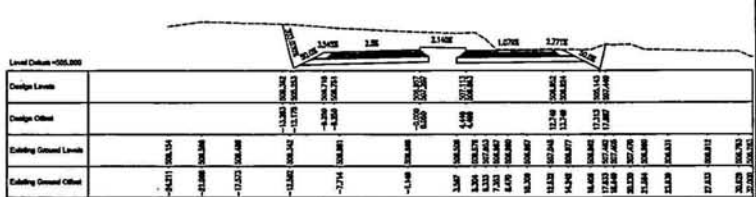
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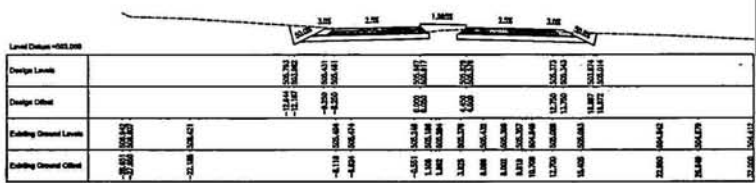
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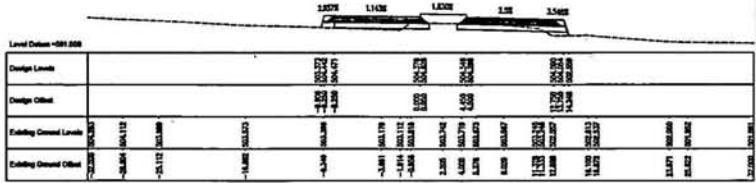
Chirga = 8200.000



Chirga = 8250.000



Chirga = 8300.000



Chirga = 8350.000

Note:- Levels shown are not assumed datum.

Project Title
 Consulting services for preparation of detailed project report for Rehabilitation and widening of existing 2-lane road to 4-lane divided carriageway along/parallel to Jammu - Udhampur section of NH-1A (from 8.00 to km 98.00) including Jammu(PW) Nagrova and Udhampur bypass Phase - II Programme of North - South - western Project, Contract Package C-0118

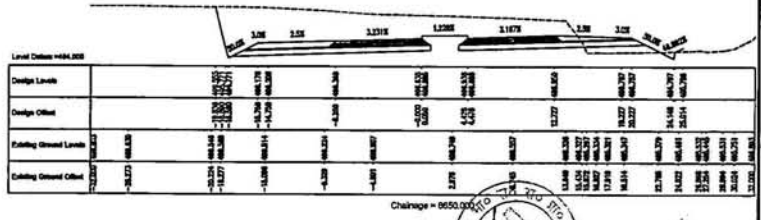
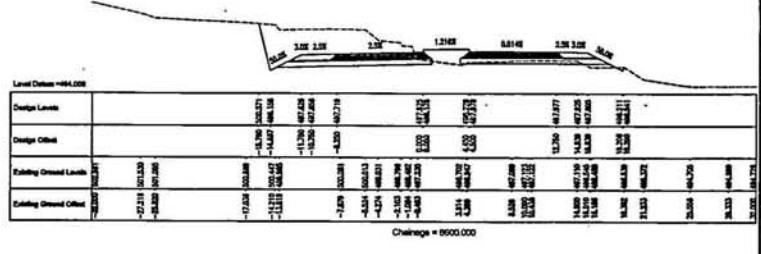
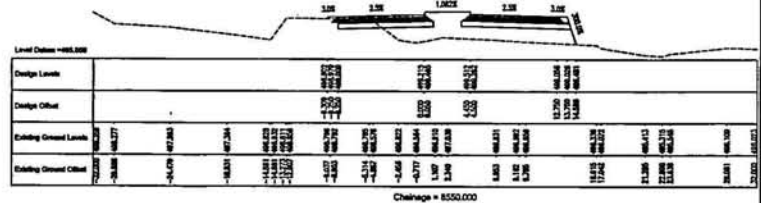
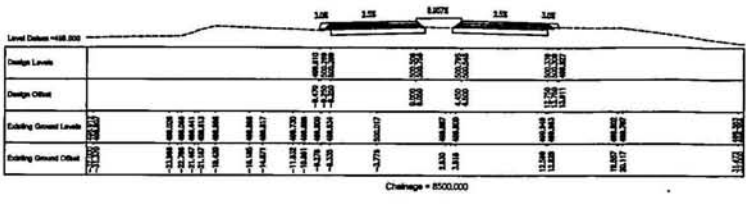
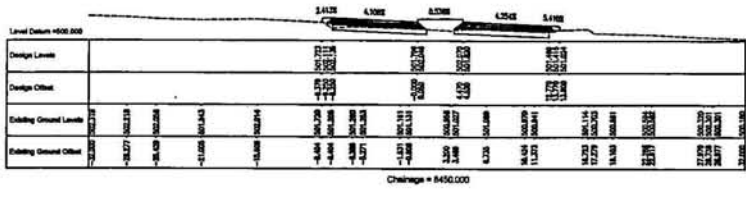
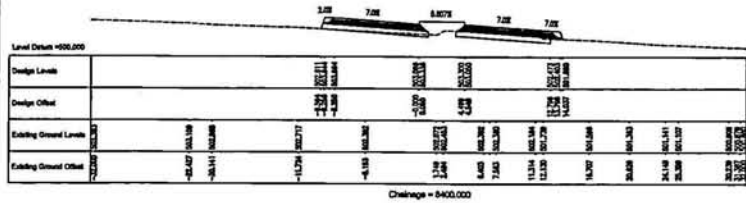
This drawing is to be used only for the purpose mentioned above and shall not be used for any other purpose without the written permission of the Engineer-in-Charge, Jammu (PW) Nagrova and Udhampur bypass Phase - II Programme of North - South - western Project, Contract Package C-0118.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTIONS
 CH. 8100.000 TO 8350.000
 Drawing No.: SW/1018/ROADSCS - 31
 Scale: 1:2000 (NOT TO BE SCALED)
 Dwn: K.L.N. Appd: K.PRASAD Date: JUN-2009

Scott Wilson India Private Limited
 28, JAWAHAR CO-OPERATIVE HO. ESTATE
 NARAIN, NEW DELHI - 110044
 Tel: (011) 41879340 - 49
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 E-mail: rwinid@rediffmail.com

Stamp: Sealed, New Delhi, 27th July 2009

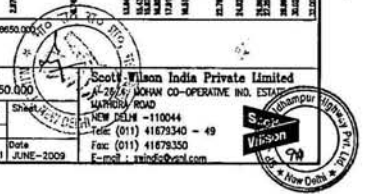


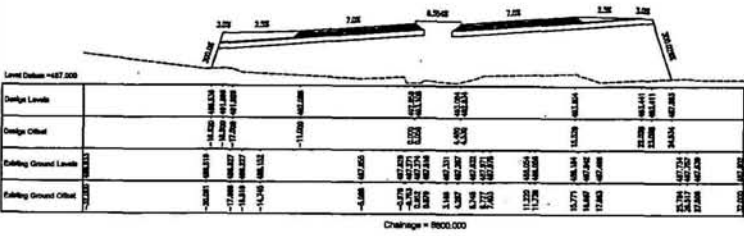
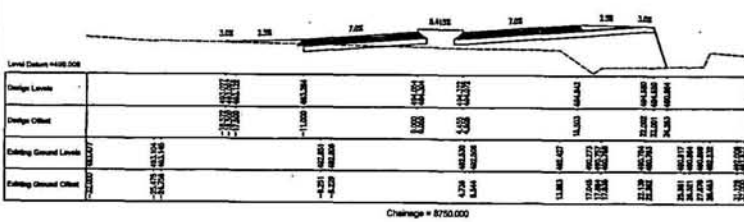
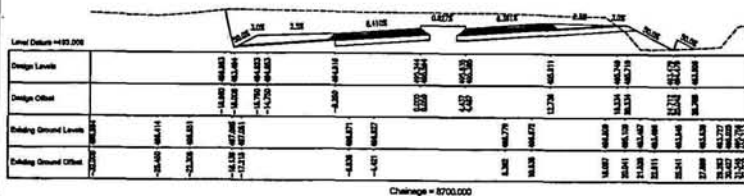
Note: Levels shown are not assumed datum.
 Project Title: Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (km 0.00 to km 60.00) including Jammu-240' Nagrota and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-8718.

Client: NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTIONS CH. 8400.000 TO 8650.000
 Drawing No.: SW/019/ROADS/CS - 32
 Scale: NOT TO BE SCALED
 Dtn: K.L.N. Apud BRIG.C.D.PURI Date: JUNE-2009

Client: Scott Wilson India Private Limited
 240' MOHW CO-OPERATIVE IND. EST. WARDHO ROAD NEW DELHI - 110044
 Tel: (011) 4167340 - 49 Fax: (011) 4167350 E-mail: info@swi.com





NOTE:- Levels shown are not assumed datum.

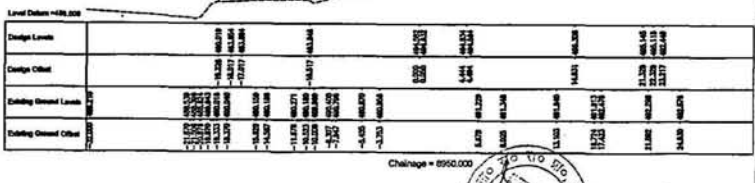
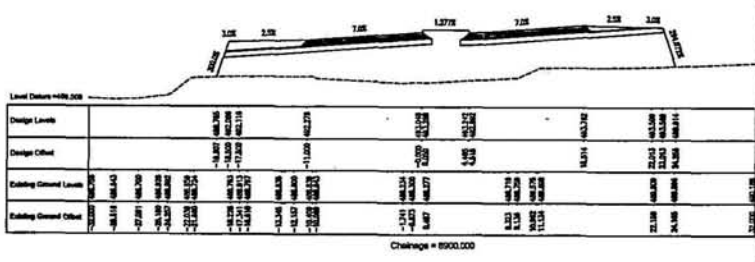
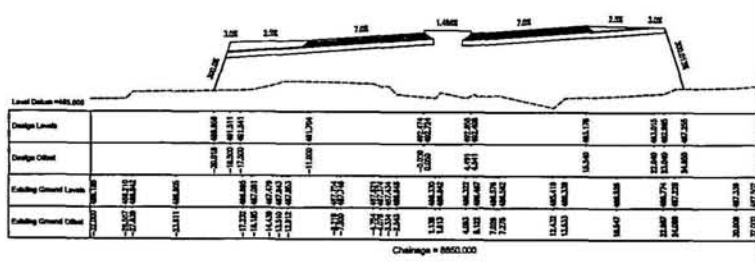
Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jamna - Udhampur section of NH-1A (from 0.00 to km 88.00) including Jamna/Party Nagro and Udhampur Bypass Phase - III Programme of North-South - corridor Project, Contract Package C-81E

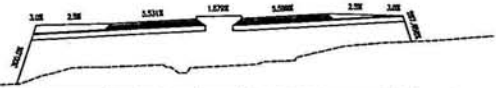
As per drawing, the authority of National Highways Authority of India is hereby confirmed for the project for work not mentioned by the client and for any other work which may be undertaken by the contractor in the future.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTIONS
 CH. 8700.000 TO 8950.000
Drawing No.: SWH/019/ROADS/GS-33
Scale: NOT TO BE SCALED
Drn: K.L.N
Appd: K.P.RASAD
Date: JUNE-2009

Scott Wilson India Private Limited
 A-28/4, WOHAN CO-OPERATIVE IND. ESTATE
 MATHERA ROAD
 NEW DELHI - 110044
 Tel: (011) 41879340 - 49
 Fax: (011) 41879350
 E-mail: rtd@swi.com





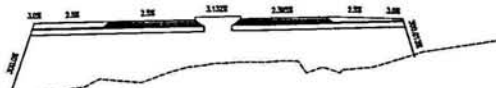
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Existing Ground Levels	17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327
Existing Ground Offset	17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327

Chaiage = 9000.000



Level Datum +498.000	
Design Levels	17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327
Design Offset	17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327
Existing Ground Levels	17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327
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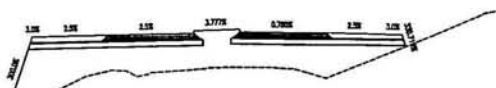
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Existing Ground Levels	17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327
Existing Ground Offset	17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327

Chaiage = 9050.000



Level Datum +501.000	
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Chaiage = 9200.000



Level Datum +486.000	
Design Levels	17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327
Design Offset	17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327
Existing Ground Levels	17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327
Existing Ground Offset	17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327

Chaiage = 9100.000



Level Datum +507.000	
Design Levels	17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327
Design Offset	17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327
Existing Ground Levels	17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327
Existing Ground Offset	17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327 17.234 482.327

Chaiage = 9250.000

Note: Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jarvay - Utharpur section of NH-1A, Km 0.00 to Km 06.00 including Jarvay (Part) Bypass and Utharpur Bypass Phase - II Programme of North - South - Corridor Project, Contract Package C-018

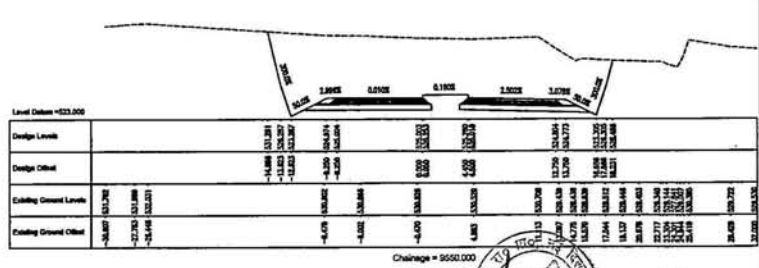
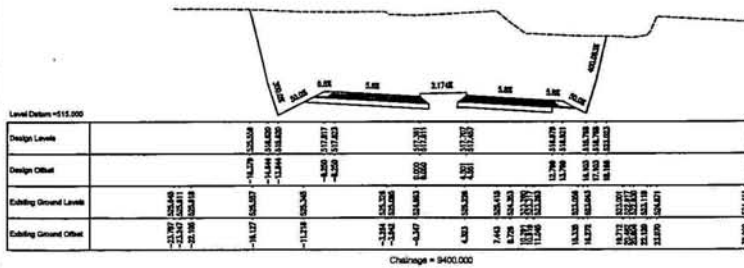
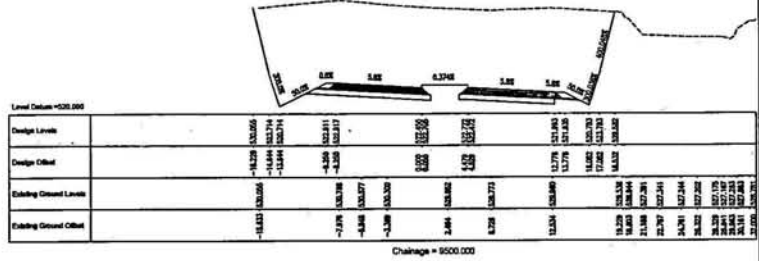
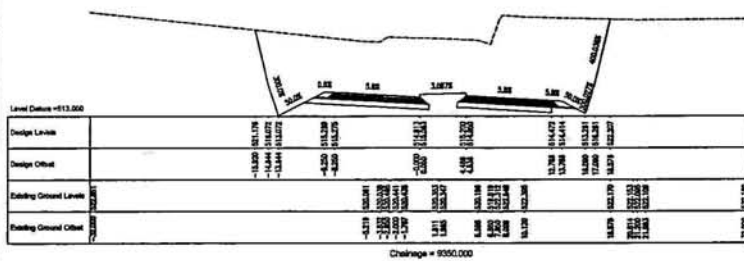
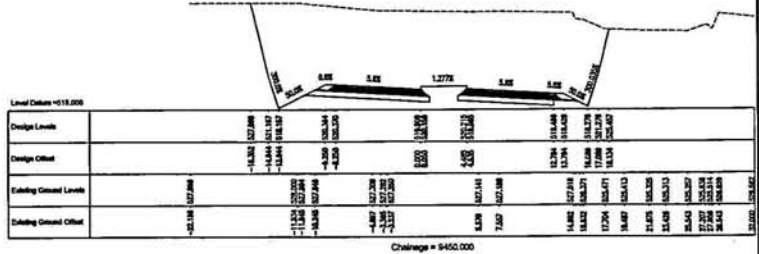
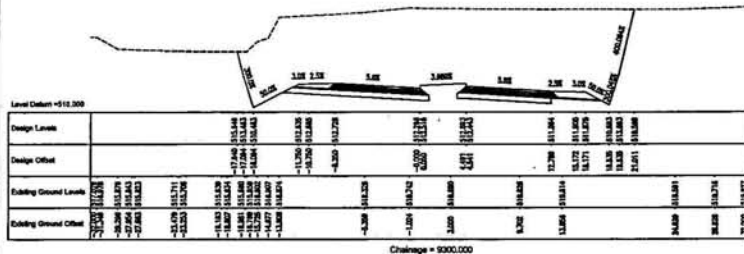
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Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTIONS
 CH. 9000.000 TO 9250.000
Drawing No.: SW/1019/ROADS/CS-34
Scale: 1:1000
Appd: K.PRASAD
Date: JUNE-2009

Scott, Wilson, India Private Limited
 A-26/4, MOWAT ROAD - OPERATIVE NO. ESTATE
 MATHURA ROAD
 NEW DELHI-110044
 Tel: (011) 41293340 - 49
 Fax: (011) 41293350
 E-mail: swi@swiindia.com





Note: Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration at Jammu - Udhampur section of NH-1 A (km 0.00 to km 66.00) including Jammu(PS) Bypass and Udhampur Bypass Phase - II Programme of North - South - corridors Project, Contract Package C-1818

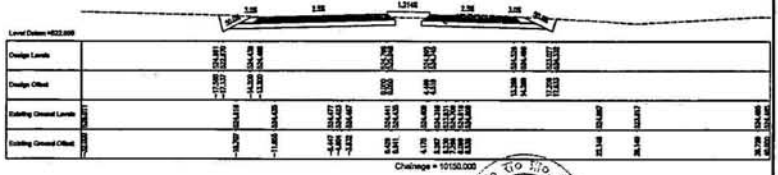
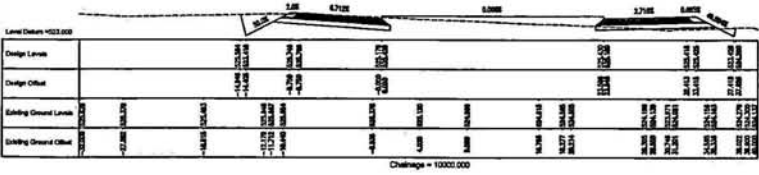
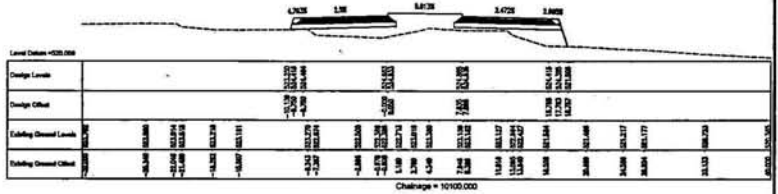
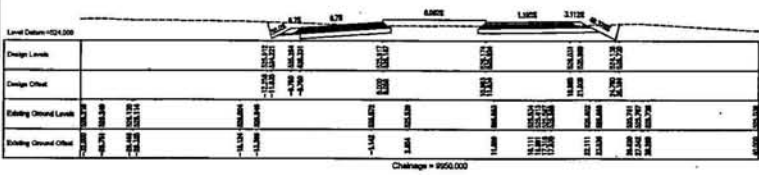
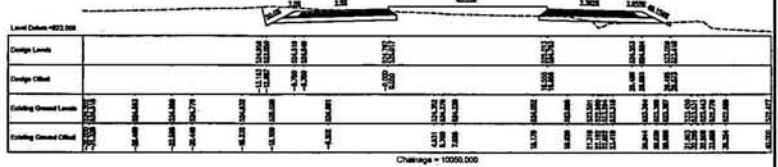
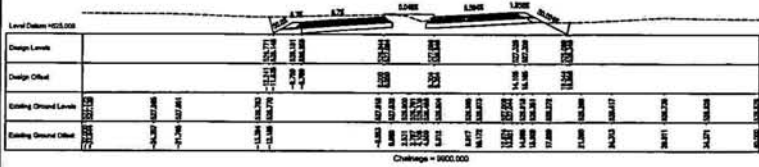
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NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: **CROSS SECTIONS**
 CH. 9300.000 TO 9550.000
 Drawing No.: **SWW1019/ROADS/CS - 35**
 Scale: **NOT TO BE SCALED**
 Dwn: **K.L.N** Dgn: **K.PRASAD** Appd: **BRG.C.D.PURJ** Date: **JUNE-2009**

Scale Wilson India Private Limited
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 Tel: (011) 41679340 - 48
 Fax: (011) 41679350
 E-mail: swi@scalewilson.com





Note: Levels shown are self assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1A. (km 5.00 to km 88.00) including Jammu/Udhampur Bypass Phase - II Programme of North - South corridor Project. Contract Package C-8918

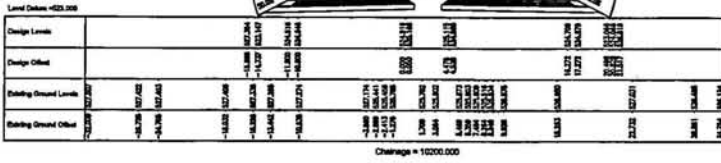
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Client
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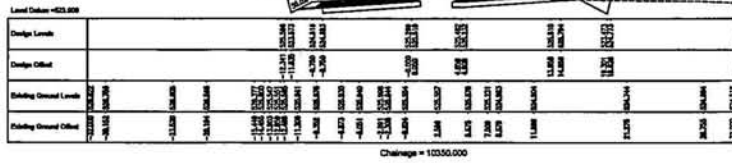
Drawing Title: **CROSS SECTIONS**
CH. 9900.000 TO 10150.000
Drawing No.: **SW/1019/ROADS/CS-37**
Scale: **NOT TO BE SCALED**
Dwn: K.L.N. Dgn: K.PRASAD Appd: BRIG.C.D.PUR Date: JUNE-2009

Scott Wilson India Private Limited
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MAHURA ROAD
NEW DELHI - 110044
Tele: (011) 41879340 - 49
Fax: (011) 41879350
E-mail: info@swi.com

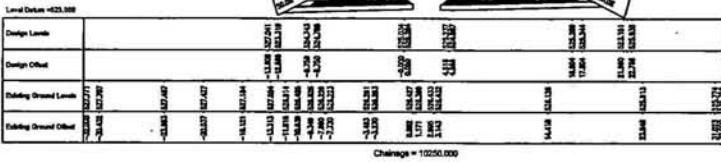




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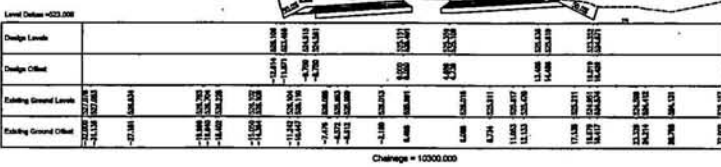
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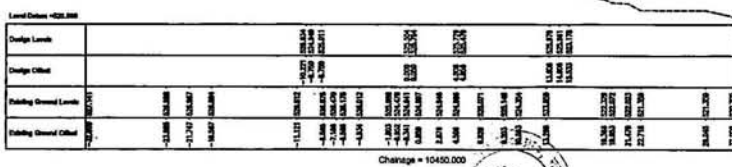
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Chirge = 10400.000



Chirge = 10000.000



Chirge = 10400.000

Note:-
Levels shown are set assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH 4 A (Km 6.20 to Km 88.00) including Jammu-Pang) bridge and Udhampur bypass Phase - II Programme of North-South corridor Project, Contract Package C-0718

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title:
CROSS SECTIONS
CH. 10200.000 TO 10450.000

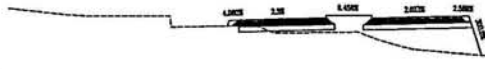
Drawing No.: SW/1019/ROADSCS - 38

Scale: NOT TO BE SCALED

Date: JUNE - 2009

Client: Scott Wilson India Private Limited
K-27/4, MOKAN CO-OPERATIVE IND. ESTATE
VAISHNA ROAD
NEW DELHI - 110044
Tel: (011) 41679340 - 49
Fax: (011) 41679350
E-mail: swindia@rediffmail.com





Level Datum +119.898

Design Levels																		
Design Offset																		
Existing Ground Levels	72.097	81.915	83.838	85.021	87.375	88.879	91.941	94.003	97.065	100.127	103.189	106.251	109.313	112.375	115.437	118.499	121.561	124.623
Existing Ground Offset	-5.202	-4.384	-3.611	-3.009	-2.438	-2.091	-1.668	-1.447	-1.167	-0.866	-0.615	-0.414	-0.272	-0.179	-0.102	-0.049	-0.023	-0.013

Chirage = 10500.000



Level Datum +122.266

Design Levels																		
Design Offset																		
Existing Ground Levels	72.097	81.915	83.838	85.021	87.375	88.879	91.941	94.003	97.065	100.127	103.189	106.251	109.313	112.375	115.437	118.499	121.561	124.623
Existing Ground Offset	-5.202	-4.384	-3.611	-3.009	-2.438	-2.091	-1.668	-1.447	-1.167	-0.866	-0.615	-0.414	-0.272	-0.179	-0.102	-0.049	-0.023	-0.013

Chirage = 10500.000



Level Datum +127.266

Design Levels																		
Design Offset																		
Existing Ground Levels	72.097	81.915	83.838	85.021	87.375	88.879	91.941	94.003	97.065	100.127	103.189	106.251	109.313	112.375	115.437	118.499	121.561	124.623
Existing Ground Offset	-5.202	-4.384	-3.611	-3.009	-2.438	-2.091	-1.668	-1.447	-1.167	-0.866	-0.615	-0.414	-0.272	-0.179	-0.102	-0.049	-0.023	-0.013

Chirage = 10500.000



Level Datum +122.266

Design Levels																		
Design Offset																		
Existing Ground Levels	72.097	81.915	83.838	85.021	87.375	88.879	91.941	94.003	97.065	100.127	103.189	106.251	109.313	112.375	115.437	118.499	121.561	124.623
Existing Ground Offset	-5.202	-4.384	-3.611	-3.009	-2.438	-2.091	-1.668	-1.447	-1.167	-0.866	-0.615	-0.414	-0.272	-0.179	-0.102	-0.049	-0.023	-0.013

Chirage = 10700.000



Level Datum +121.266

Design Levels																		
Design Offset																		
Existing Ground Levels	72.097	81.915	83.838	85.021	87.375	88.879	91.941	94.003	97.065	100.127	103.189	106.251	109.313	112.375	115.437	118.499	121.561	124.623
Existing Ground Offset	-5.202	-4.384	-3.611	-3.009	-2.438	-2.091	-1.668	-1.447	-1.167	-0.866	-0.615	-0.414	-0.272	-0.179	-0.102	-0.049	-0.023	-0.013

Chirage = 10500.000



Level Datum +123.266

Design Levels																		
Design Offset																		
Existing Ground Levels	72.097	81.915	83.838	85.021	87.375	88.879	91.941	94.003	97.065	100.127	103.189	106.251	109.313	112.375	115.437	118.499	121.561	124.623
Existing Ground Offset	-5.202	-4.384	-3.611	-3.009	-2.438	-2.091	-1.668	-1.447	-1.167	-0.866	-0.615	-0.414	-0.272	-0.179	-0.102	-0.049	-0.023	-0.013

Chirage = 10700.000

Note:- Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3 lane road to 4 lane divided Carriageway configuration of Jeevan - Ushampur section of NH-1 A (km 0.00 to km 06.00) including Jeevan(Pur) Heights and Ushampur Bypass Phase - W Programme of North - South - corridor Project, Contract Package C-2018

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(Ministry of Shipping, Road Transport & Highways)

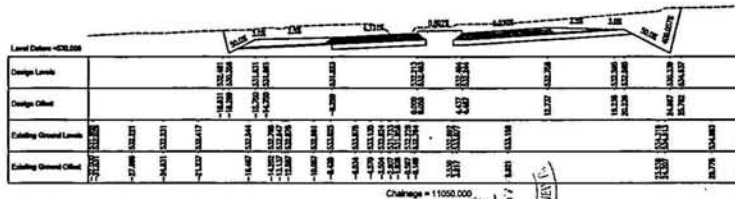
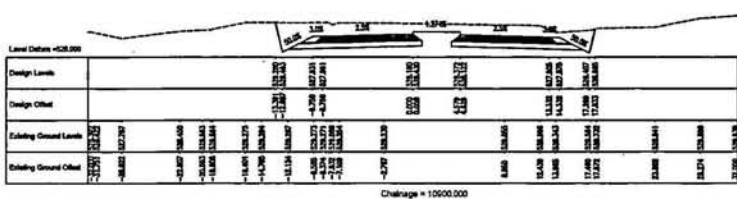
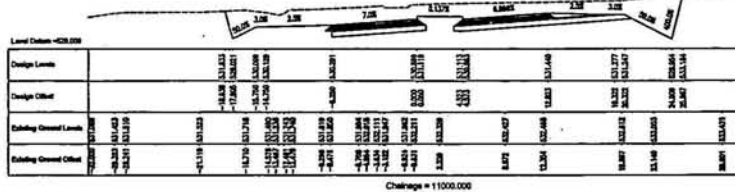
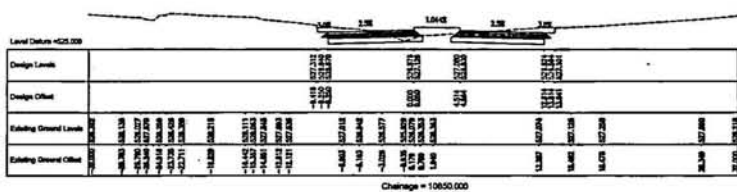
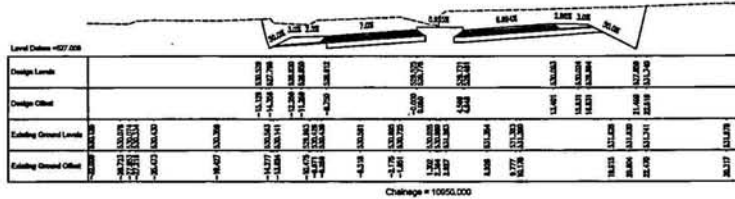
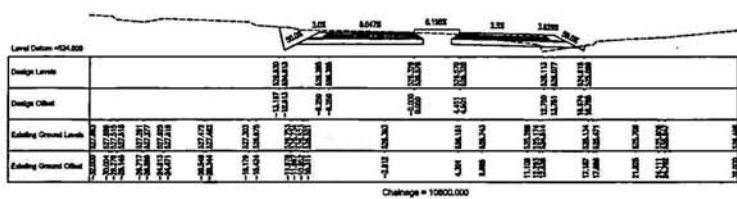
Drawing Title: CROSS SECTIONS
CH. 10500.000 TO 10750.000

Drawing No.: SWM/019/ROADS/CS - 39
Scale: NOT TO BE SCALED

Drn: K.L.N. Dgn: K.PRASAD Appd: BRG.C.D.PURJ Date: JUNE -2009

Client: **Scott Wilson India Private Limited**
A-26/4, JOHAN CO-OPERATIVE IND. ESTATE
MIDC, PHASE - II, ROAD NO. 35/4
PUNE-411 004
(011) 41679340 - 49
Fax: (011) 41679350
E-mail: swni@swi.com





Note:- Levels shown are not assumed datum.

Project Title

Consentatory work for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jamma - Uthampar section of NH-1A (km 0.00 to km 86.00) including Jamma/Varig Nagara and Uthampar Bypass Phase - III Programme of North-South corridor Project, Contract Package C-018

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Client

NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title

CROSS SECTIONS
CH. 10800.000 TO 11050.000

Drawing No.:

SW/1018/ROADSCS - 40

Scale:

1" = 30.00'

Date

JUNE-2009

Drawn By

KLN

Checked By

KPRASAD

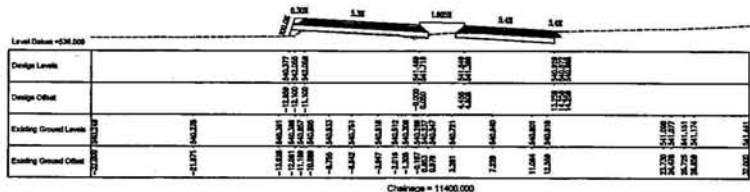
App'd

BRJ.C.D.PURI

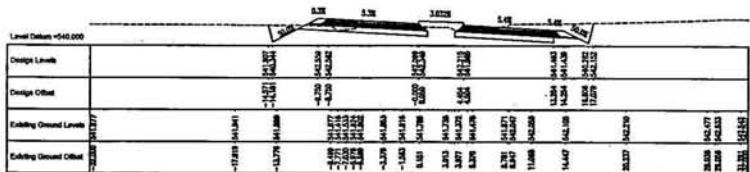
Scott Wilson India Private Limited

A-26/4, MOHAN CO-OPERATIVE IND. ESTD
MATHURA ROAD
NEW DELHI - 110044
Tel: (011) 41679340 - 49
Fax: (011) 41679350
E-mail: scwinfo@scw.com

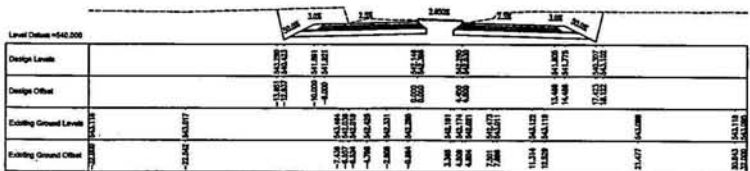




Chainage = 11400.000



Chainage = 11450.000



Chainage = 11500.000

Note:- Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-51 A. (from 0.00 to km 18.00) including Jammu/Path Nagrota and Udhampur Bypass Phase - III Programme of North-South corridor Project, Contract Package C-87/8

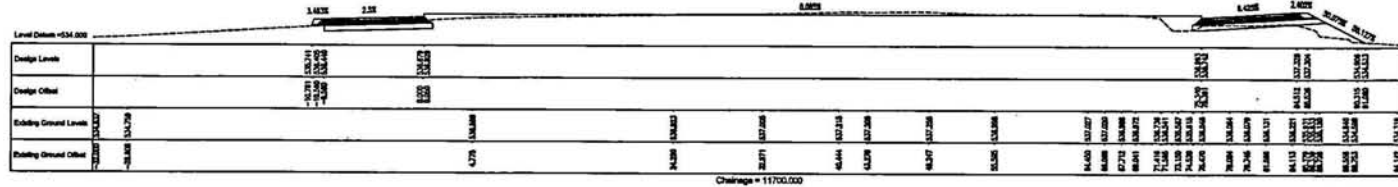
The drawings to be prepared, all survey results, test results and must not be used for any other purpose without the written consent of the contractor. The contractor shall be held responsible for any errors and omissions in the drawings.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

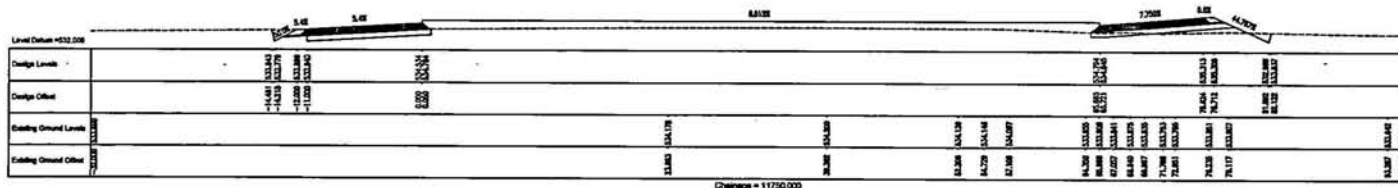
Drawing Title: CROSS SECTIONS
CH. 11400.000 TO 11500.000
Drawing No.: SW/1019/ROADS/CS - 42
Scale :- NOT TO BE SCALED
Dtn: K.L.N. Dgn: K.PRASAD Appd: BRG.C.D.PURI Date: JUNE-2009

Soilt Wilson India Private Limited
A-26/4, MOHAN CO-OPERATIVE IND. ESTATE
MATHURA ROAD
NEW DELHI - 110044
Tele: (011) 4167340 - 49
Fax: (011) 4167350
E-mail: swi@swindia.com

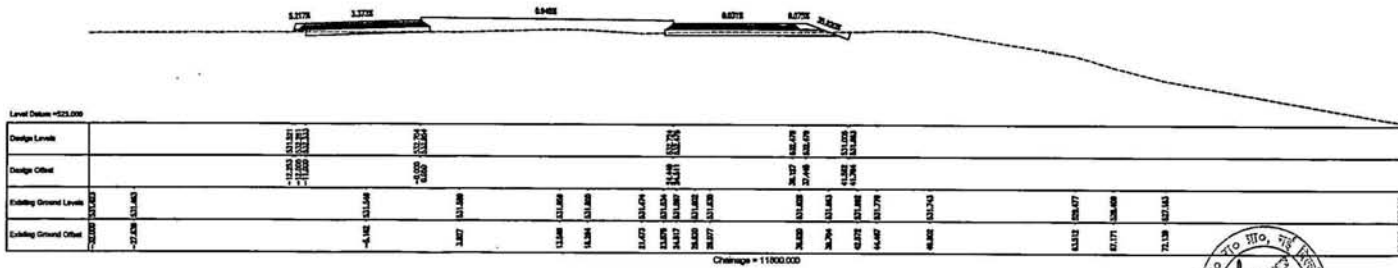




Drainage = 11700.000



Drainage = 11750.000



Drainage = 11800.000

Note:- Levels shown are wet season datum.

Project Title
 Consulting services for preparation of detailed project report for Rehabilitation and upgrading of existing 2 lane road to 4 lane divided carriageway configuration of Jammu - Udhampur section of NH-1A from 0.00 to km 86.00 including Jammu(Pur) Bypass and Udhampur Bypass Phase - II Programme of North-South - corridor Project, Contract Package C-5/18

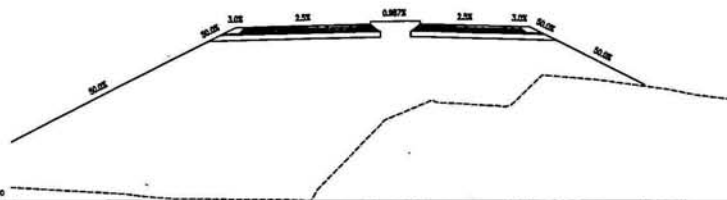
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Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTIONS
 CH. 11700.000 TO 11800.000
 Drawing No.: SW/1019/ROADS/CS - 44
 Scale :- NOT TO BE SCALED
 Date: JUNE-2009

Scott Wilson India Private Limited
 A-25/4, ANHAN CO-OPERATIVE NO. ESTATE
 MATHURA ROAD
 NEW DELHI - 110044
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 Fax: (011) 41679350
 E-mail: info@swi.com





Level Datum = +18.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 11950.000



Level Datum = +32.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 12100.000



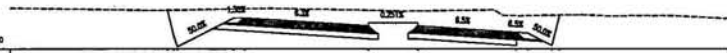
Level Datum = +32.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 12000.000



Level Datum = +33.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 12150.000



Level Datum = +31.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 12050.000



Level Datum = +33.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 12200.000

Note:- Levels shown are not assumed datum.

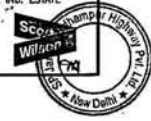
Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1 A (on 0.00 to km 95.00) including Jammu(North) Bypass and Udhampur Bypass Phase - III Programme of North - South - corridor Project, Contract Package C-6718

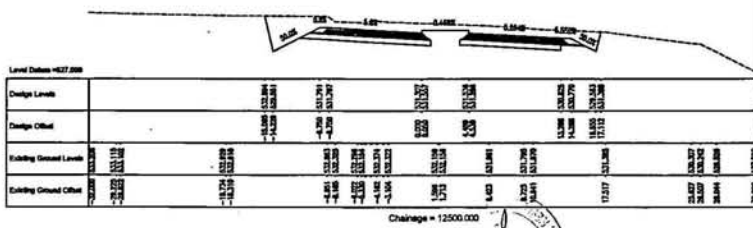
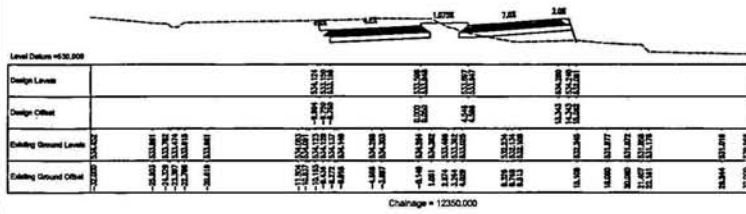
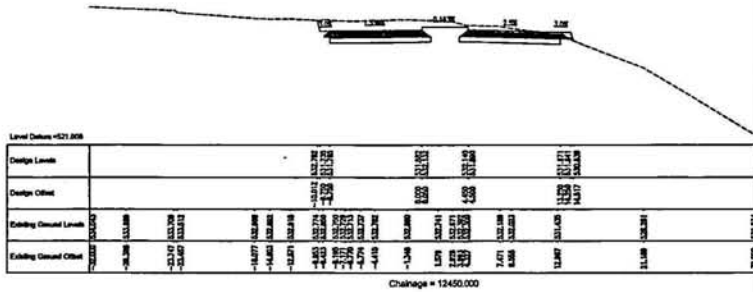
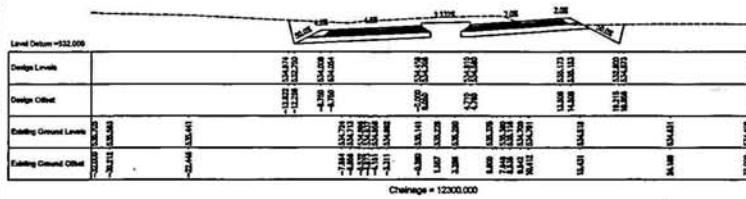
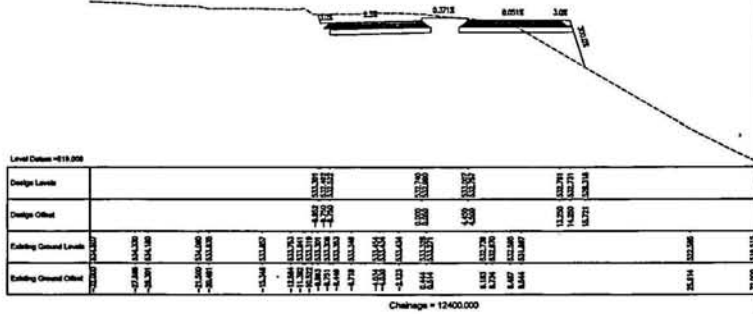
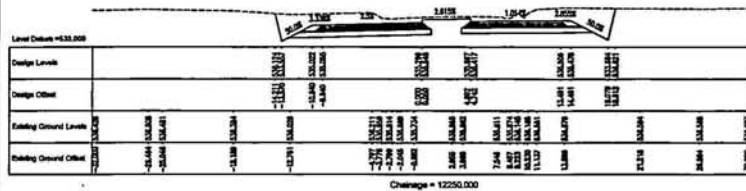
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Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTIONS
 CH. 11950.000 TO 12200.000
 Drawing No.: SW/1019/ROADS/CS - 46
 Scale: NOT TO BE SCALED
 Dm: K.L.N. Dgn: K.PRASAD Appd: BRG.C.D.PUR Date: JUNE-2009

M/s. Seshi Wilson India Private Limited
 7-25/4, MOHAN CO-OPERATIVE IND. ESTATE
 MAINURA ROAD
 NEW DELHI - 110044
 Tele: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: seshi@swilindia.com





Note: Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jaunpur - Uttarpara section of NH-54

Client
 NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTIONS
 CH. 12250.000 TO 12500.000

Drawing No.: SW/1019/ROADSCS - 47

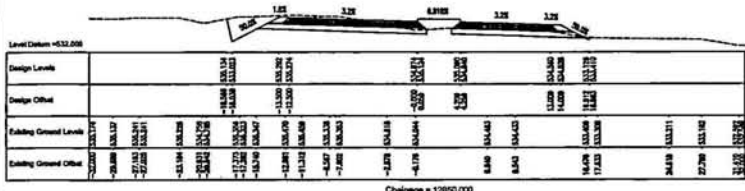
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Dwg. No.: K/PRASAD
Page No.: ERIC.C.D.PURI

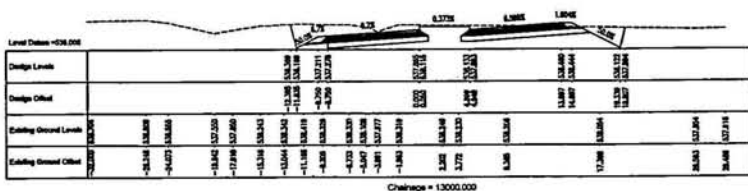
Date: JUNE-2009

Shri Wilson India Private Limited
 27/A, MOHAN CO-OPERATIVE IND. ESTATE
 MATHERA ROAD
 DELHI - 110044
 Tel: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: wipro@wipro.com

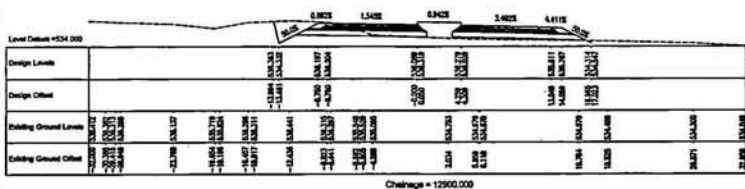




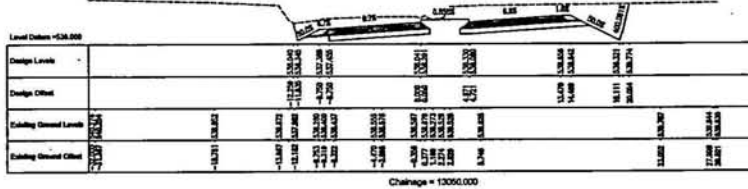
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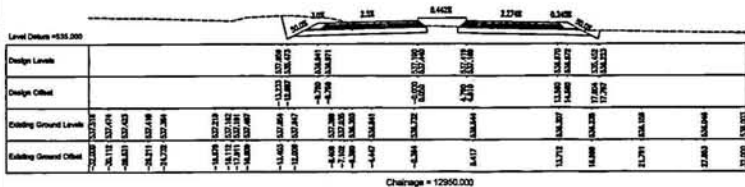
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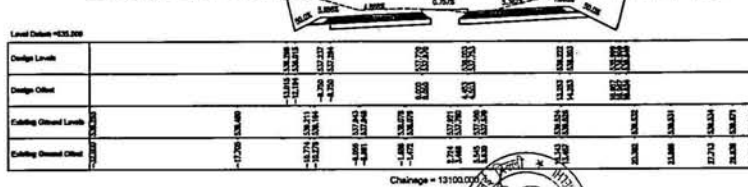
Chainage = 12900.000



Chainage = 13050.000



Chainage = 12950.000



Chainage = 13100.000

Note:- Levels shown are not assumed datum.

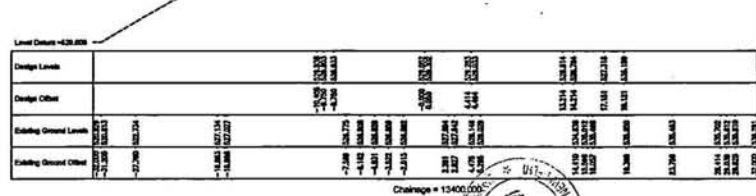
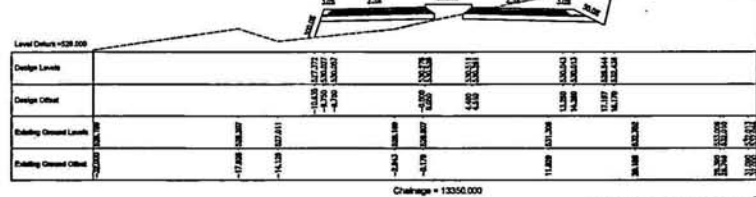
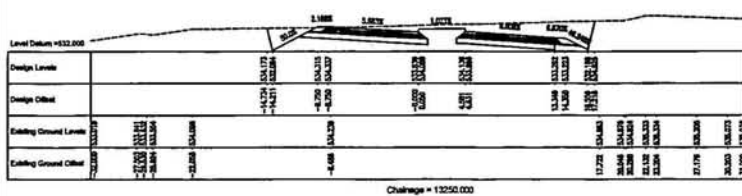
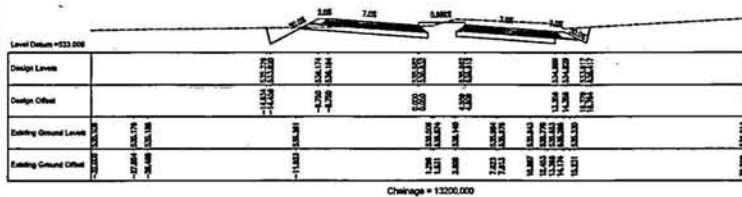
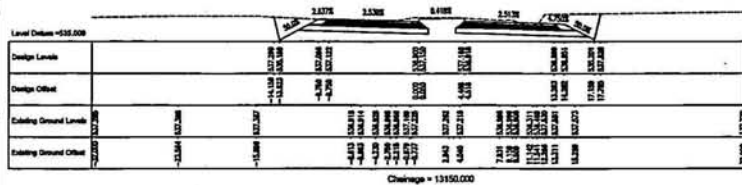
Project Title
 Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A. Km 8.00 to km 88.05 including Jammu (Part) Nagrota and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-819.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTIONS
 CH. 12850.000 TO 13100.000
 Drawing No. : SW/1019/ROADS/CS - 49
 Scale :- NOT TO BE SCALED
 Dwn : K.L.N
 Dgn. : K.PRASAD
 Appd : BRG.C.D.PUR
 Date : JUNE-2009

Scott Wilson India Private Limited
 2/25, UDHAM CO-OPERATIVE RD, ESTD 1952
 NEW DELHI - 110044
 TEl: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: scw@scwilson.com





Notes:-
Levels shown are not assumed datum.

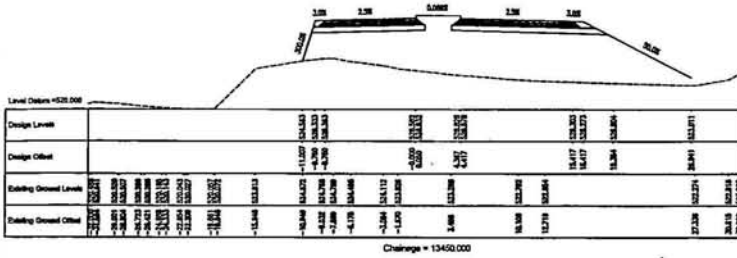
Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided carriageway configuration of 100m x 10m (including provision of 100m x 10m, 4m x 0.00 to 1m 0.00) including Jersey/Parade Highways and Urban-type Bypass Phase - II Programme of North - South corridor Project, Contract Package C-2016

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highway)

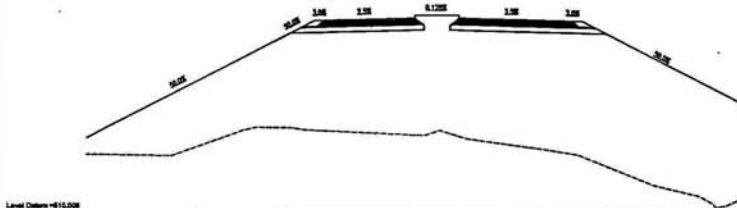
Drawing Title: CROSS SECTIONS CH. 13150.000 TO 13400.000
Drawing No.: SW/1019/ROADSCS - 50
Scale: NOT TO BE SCALED
Dn: KLN
Dn: KPRASAD
Appd: BRG.C.D.PURE
Date: JUNE-2009

Client
Scrips Wilson India Private Limited
K-26/A, JAWAHAR CO-OPERATIVE IND. ESTATE
KORUPA ROAD
NEW DELHI - 110044
Tel: (011) 41673340 - 49
Fax: (011) 41679350
E-mail: scrips@wilson.com

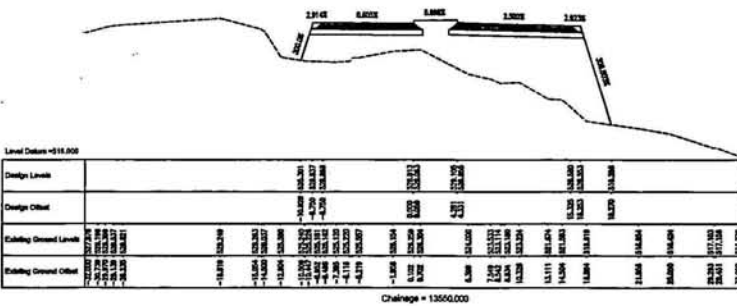




Chainage = 13450.000



Chainage = 13500.000



Chainage = 13550.000

Note:- Levels shown are not assumed datum.

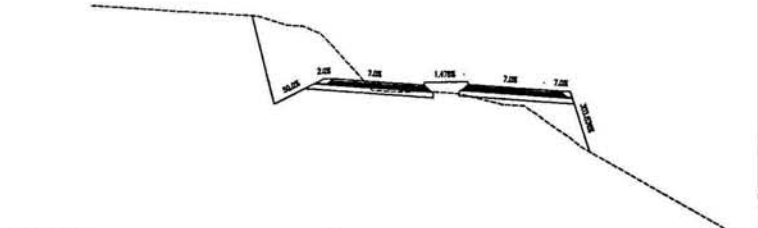
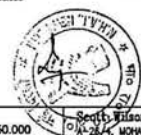
Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway comprising of Jammu - Udhampur section of NH 1A (from 8.00 to km 98.00) including Jammu(FWD) Rights and Udhampur Phase - II Programme of North - South - corridor Project, Contract Package C-1918

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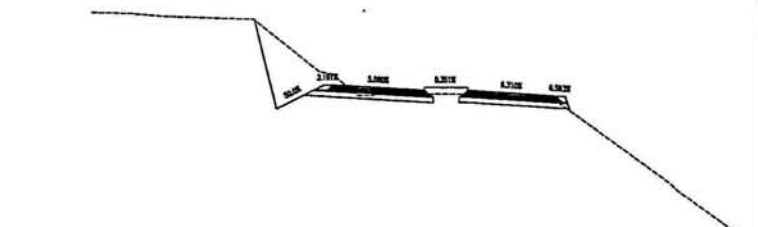
Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title:
CROSS SECTIONS
CH. 13450.000 TO 13650.000
Drawing No. : SW/1019/ROADS/CS - 51
Scale :- NOT TO BE SCALED
Dns. : K.P.RASAD
Appd : BRG.C.D.PURB
Date : JUNE-2009

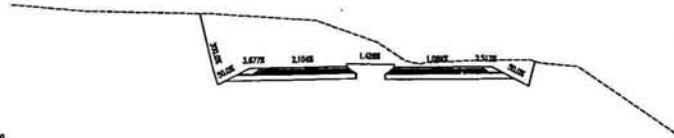
Sheet :
Scoti Wilson India Private Limited
C/O M/S T-4, MOHAW CO-OPERATIVE HO. ESTATE
MATHURA ROAD
NEW DELHI - 110044
Tel: (011) 41679340 - 49
Fax: (011) 41679350
E-mail: scw@scw.com



Chainage = 13600.000



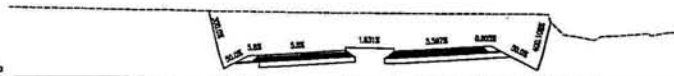
Chainage = 13650.000



Level Datum +527.000

Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

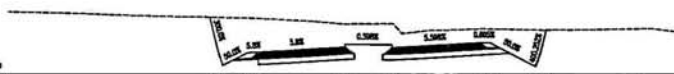
Chairsage = 13700.000



Level Datum +534.000

Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chairsage = 13750.000



Level Datum +528.000

Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chairsage = 13800.000



Level Datum +532.000

Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chairsage = 13600.000



Level Datum +534.000

Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chairsage = 13900.000



Level Datum +528.000

Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chairsage = 13950.000

Notes: Levels shown are self assumed datum.

Project Title: Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of James - Usharwar section of NH-14 A (km 0.00 to km 06.00) including James/Hari Nagar and Usharwar Bypass Phase - II Programme of North - South - corridors Project, Contract Package C-018B

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Client: NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTIONS CH. 13700.000 TO 13950.000 Drawing No.: SW/1018/ROADS/CS-52 Scale: 1:500 NOT TO BE SCALED Dm: K.L.N Dgn: K.PRASAD Appd: BRIG.C.D.PUR Date: JUNE-2009



Scott Wilson/India Private Limited 2224, NEW DELHI CO-OPERATIVE IND. ESTATE NEW DELHI - 110044 Tel: (011) 41679340 - 49 Fax: (011) 41679350 E-mail: swn@aol.com



Level Datum +528.000	Station	Design Levels	Design Offset	Existing Ground Levels	Existing Ground Offset
	1+000	530.00	0.00	528.00	0.00
	1+050	530.00	0.00	528.00	0.00
	1+100	530.00	0.00	528.00	0.00
	1+150	530.00	0.00	528.00	0.00
	1+200	530.00	0.00	528.00	0.00
	1+250	530.00	0.00	528.00	0.00
	1+300	530.00	0.00	528.00	0.00
	1+350	530.00	0.00	528.00	0.00
	1+400	530.00	0.00	528.00	0.00
	1+450	530.00	0.00	528.00	0.00
	1+500	530.00	0.00	528.00	0.00
	1+550	530.00	0.00	528.00	0.00
	1+600	530.00	0.00	528.00	0.00
	1+650	530.00	0.00	528.00	0.00
	1+700	530.00	0.00	528.00	0.00
	1+750	530.00	0.00	528.00	0.00
	1+800	530.00	0.00	528.00	0.00
	1+850	530.00	0.00	528.00	0.00
	1+900	530.00	0.00	528.00	0.00
	1+950	530.00	0.00	528.00	0.00
	2+000	530.00	0.00	528.00	0.00

Chirnage = 14000.000

Level Datum +542.000	Station	Design Levels	Design Offset	Existing Ground Levels	Existing Ground Offset
	1+000	544.00	0.00	542.00	0.00
	1+050	544.00	0.00	542.00	0.00
	1+100	544.00	0.00	542.00	0.00
	1+150	544.00	0.00	542.00	0.00
	1+200	544.00	0.00	542.00	0.00
	1+250	544.00	0.00	542.00	0.00
	1+300	544.00	0.00	542.00	0.00
	1+350	544.00	0.00	542.00	0.00
	1+400	544.00	0.00	542.00	0.00
	1+450	544.00	0.00	542.00	0.00
	1+500	544.00	0.00	542.00	0.00
	1+550	544.00	0.00	542.00	0.00
	1+600	544.00	0.00	542.00	0.00
	1+650	544.00	0.00	542.00	0.00
	1+700	544.00	0.00	542.00	0.00
	1+750	544.00	0.00	542.00	0.00
	1+800	544.00	0.00	542.00	0.00
	1+850	544.00	0.00	542.00	0.00
	1+900	544.00	0.00	542.00	0.00
	1+950	544.00	0.00	542.00	0.00
	2+000	544.00	0.00	542.00	0.00

Chirnage = 14150.000

Level Datum +527.000	Station	Design Levels	Design Offset	Existing Ground Levels	Existing Ground Offset
	1+000	529.00	0.00	527.00	0.00
	1+050	529.00	0.00	527.00	0.00
	1+100	529.00	0.00	527.00	0.00
	1+150	529.00	0.00	527.00	0.00
	1+200	529.00	0.00	527.00	0.00
	1+250	529.00	0.00	527.00	0.00
	1+300	529.00	0.00	527.00	0.00
	1+350	529.00	0.00	527.00	0.00
	1+400	529.00	0.00	527.00	0.00
	1+450	529.00	0.00	527.00	0.00
	1+500	529.00	0.00	527.00	0.00
	1+550	529.00	0.00	527.00	0.00
	1+600	529.00	0.00	527.00	0.00
	1+650	529.00	0.00	527.00	0.00
	1+700	529.00	0.00	527.00	0.00
	1+750	529.00	0.00	527.00	0.00
	1+800	529.00	0.00	527.00	0.00
	1+850	529.00	0.00	527.00	0.00
	1+900	529.00	0.00	527.00	0.00
	1+950	529.00	0.00	527.00	0.00
	2+000	529.00	0.00	527.00	0.00

Chirnage = 14000.000

Level Datum +542.000	Station	Design Levels	Design Offset	Existing Ground Levels	Existing Ground Offset
	1+000	544.00	0.00	542.00	0.00
	1+050	544.00	0.00	542.00	0.00
	1+100	544.00	0.00	542.00	0.00
	1+150	544.00	0.00	542.00	0.00
	1+200	544.00	0.00	542.00	0.00
	1+250	544.00	0.00	542.00	0.00
	1+300	544.00	0.00	542.00	0.00
	1+350	544.00	0.00	542.00	0.00
	1+400	544.00	0.00	542.00	0.00
	1+450	544.00	0.00	542.00	0.00
	1+500	544.00	0.00	542.00	0.00
	1+550	544.00	0.00	542.00	0.00
	1+600	544.00	0.00	542.00	0.00
	1+650	544.00	0.00	542.00	0.00
	1+700	544.00	0.00	542.00	0.00
	1+750	544.00	0.00	542.00	0.00
	1+800	544.00	0.00	542.00	0.00
	1+850	544.00	0.00	542.00	0.00
	1+900	544.00	0.00	542.00	0.00
	1+950	544.00	0.00	542.00	0.00
	2+000	544.00	0.00	542.00	0.00

Chirnage = 14200.000

Level Datum +534.000	Station	Design Levels	Design Offset	Existing Ground Levels	Existing Ground Offset
	1+000	536.00	0.00	534.00	0.00
	1+050	536.00	0.00	534.00	0.00
	1+100	536.00	0.00	534.00	0.00
	1+150	536.00	0.00	534.00	0.00
	1+200	536.00	0.00	534.00	0.00
	1+250	536.00	0.00	534.00	0.00
	1+300	536.00	0.00	534.00	0.00
	1+350	536.00	0.00	534.00	0.00
	1+400	536.00	0.00	534.00	0.00
	1+450	536.00	0.00	534.00	0.00
	1+500	536.00	0.00	534.00	0.00
	1+550	536.00	0.00	534.00	0.00
	1+600	536.00	0.00	534.00	0.00
	1+650	536.00	0.00	534.00	0.00
	1+700	536.00	0.00	534.00	0.00
	1+750	536.00	0.00	534.00	0.00
	1+800	536.00	0.00	534.00	0.00
	1+850	536.00	0.00	534.00	0.00
	1+900	536.00	0.00	534.00	0.00
	1+950	536.00	0.00	534.00	0.00
	2+000	536.00	0.00	534.00	0.00

Chirnage = 14100.000

Level Datum +542.000	Station	Design Levels	Design Offset	Existing Ground Levels	Existing Ground Offset
	1+000	544.00	0.00	542.00	0.00
	1+050	544.00	0.00	542.00	0.00
	1+100	544.00	0.00	542.00	0.00
	1+150	544.00	0.00	542.00	0.00
	1+200	544.00	0.00	542.00	0.00
	1+250	544.00	0.00	542.00	0.00
	1+300	544.00	0.00	542.00	0.00
	1+350	544.00	0.00	542.00	0.00
	1+400	544.00	0.00	542.00	0.00
	1+450	544.00	0.00	542.00	0.00
	1+500	544.00	0.00	542.00	0.00
	1+550	544.00	0.00	542.00	0.00
	1+600	544.00	0.00	542.00	0.00
	1+650	544.00	0.00	542.00	0.00
	1+700	544.00	0.00	542.00	0.00
	1+750	544.00	0.00	542.00	0.00
	1+800	544.00	0.00	542.00	0.00
	1+850	544.00	0.00	542.00	0.00
	1+900	544.00	0.00	542.00	0.00
	1+950	544.00	0.00	542.00	0.00
	2+000	544.00	0.00	542.00	0.00

Chirnage = 14250.000

Note:- Levels shown are not assumed data.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (on 0.00 to km 86.00) including Jammu(P&R) Margra and Udhampur Bypass Phase - III Programme of North - South - corridor Project, Contract Package C-019

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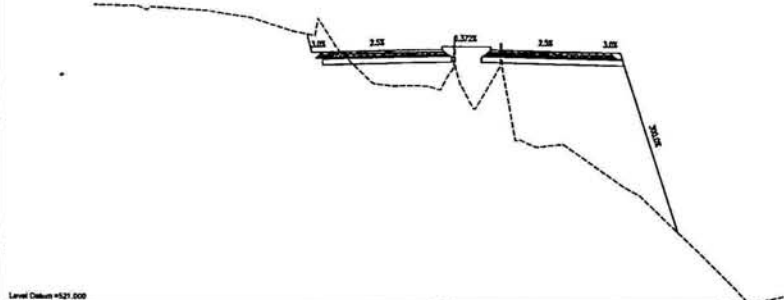
Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTIONS
 CH. 14000.000 TO 14250.000
 Drawing No.: SW/1019/ROADS/CS - 53
 Scale: NOT TO BE SCALED
 Dwn: K.L.N
 Dgn: K.PRASAD
 Appd: BROC.C.D.PURI
 Date: JUNE-2009

Scott Wilson India Private Limited
 A-25/4, WAMAN CO-OPERATIVE IND. ESTATE
 ANANDPUR ROAD
 TEL: 011-41679350 - 49
 Fax: (011) 41679350
 E-mail: swindia@gmail.com



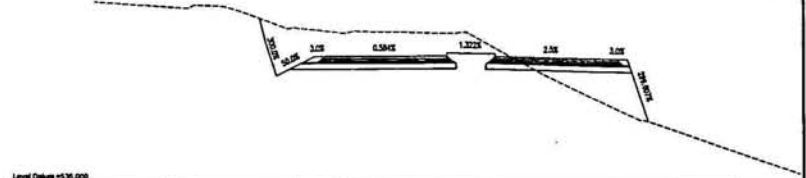
56



Level Datum +527.000

Design Levels	529.000	529.000	529.000	529.000	529.000	529.000	529.000	529.000	529.000	529.000	529.000
Design Offset	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100
Existing Ground Levels	528.900	528.900	528.900	528.900	528.900	528.900	528.900	528.900	528.900	528.900	528.900
Existing Ground Offset	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100

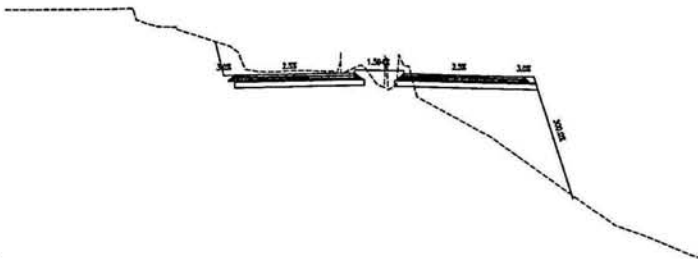
Chirnage = 14300.000



Level Datum +530.000

Design Levels	532.000	532.000	532.000	532.000	532.000	532.000	532.000	532.000	532.000	532.000	532.000
Design Offset	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100
Existing Ground Levels	531.900	531.900	531.900	531.900	531.900	531.900	531.900	531.900	531.900	531.900	531.900
Existing Ground Offset	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100

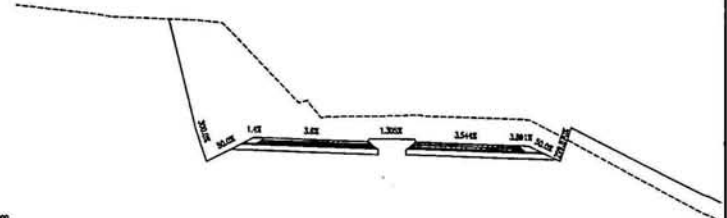
Chirnage = 14400.000



Level Datum +529.000

Design Levels	531.000	531.000	531.000	531.000	531.000	531.000	531.000	531.000	531.000	531.000	531.000
Design Offset	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100
Existing Ground Levels	530.900	530.900	530.900	530.900	530.900	530.900	530.900	530.900	530.900	530.900	530.900
Existing Ground Offset	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100

Chirnage = 14350.000



Level Datum +542.000

Design Levels	544.000	544.000	544.000	544.000	544.000	544.000	544.000	544.000	544.000	544.000	544.000
Design Offset	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100
Existing Ground Levels	543.900	543.900	543.900	543.900	543.900	543.900	543.900	543.900	543.900	543.900	543.900
Existing Ground Offset	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100

Chirnage = 14450.000

Note:- Levels shown are wet assumed datum.

Project Title
 Consulting services for preparation of detailed project report for rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jamnā - Utharpur section of NH-1A Km 0.00 to Km 06.00 including Jamnā(Bypass) Naights and Utharpur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-0918

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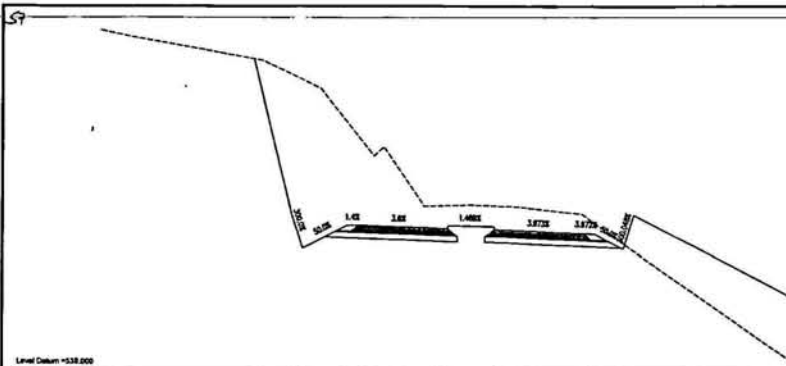
Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTIONS
 CH. 14300.000 TO 14450.000

Drawing No.: SW/1019/ROADS/CS - 54 Sheet :
 Scale :- NOT TO BE SCALED
 Dgn. K.L.N. Appd. K.PRASAD Date: JUNE - 2009

Stamp: NATIONAL HIGHWAYS AUTHORITY OF INDIA

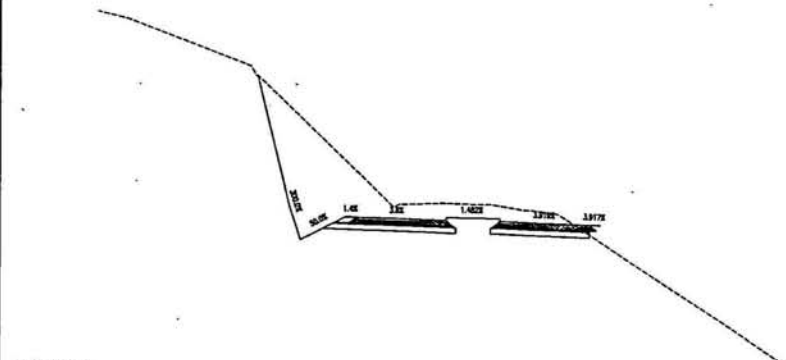
Stamp: Scott Wilson India Private Limited
 MATHURA ROAD
 NEW DELHI - 110044
 TEL: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: rwiindia@rediffmail.com



Level Datum +538.000

Design Levels			-17.912	166.779															
Design Offset			-11.379	162.240	-11.379	164.866	-4.250	163.526	-4.250	163.276	3.870	161.406	3.870	161.203	16.326	161.108	16.326	161.001	16.326
Existing Ground Levels	-22.200	166.957																	
Existing Ground Offset	-22.200	166.957	-16.284	166.957	-11.952	165.519	-4.250	163.526	-4.250	163.276	3.870	161.406	3.870	161.203	16.326	161.108	16.326	161.001	16.326

Chirriage = 14500.000



Level Datum +548.000

Design Levels			-17.226	168.084															
Design Offset			-14.239	164.847	-14.239	161.607	-4.250	163.357	-4.250	163.107	3.870	161.357	3.870	161.107	16.326	161.001	16.326	160.995	16.326
Existing Ground Levels	-22.200	167.537																	
Existing Ground Offset	-22.200	167.537	-16.306	167.537	-11.778	166.017	-4.250	163.767	-4.250	163.517	3.870	161.667	3.870	161.417	16.326	161.311	16.326	161.204	16.326

Chirriage = 14500.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jamnu - Udhampur section of NH-51A (km 0.00 to km 96.00) including Jamnu/2 Nagrota and Udhampur Bypass Phase - II Programme of North-South - corridors Project, Contract Package C-6/18

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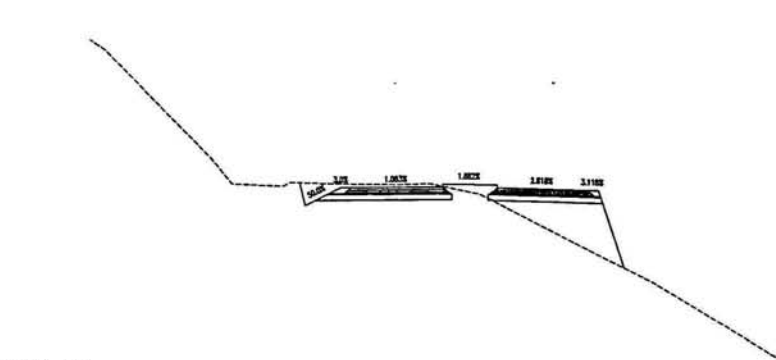
Client
 Drawing Title: CROSS SECTIONS CH. 14500.000 TO 14650.000
 Drawing No.: SW/1019/ROADS/CS - 55
 Scale: NOT TO BE SCALED
 Dwn: K.L.M
 Dpn: K.PRASAD
 Appd: BRG.C.D.PURI
 Date: JUNE-2009

Scott Wilson India Private Limited
 A-26/4, MOHAN CO-OPERATIVE IND. ESTATE,
 WILHARA ROAD,
 NEW DELHI - 110044
 Tel: (011) 41679340 - 45
 Fax: (011) 41679350
 E-mail: swindia@swl.com

Level Datum +570.000

Design Levels																			
Design Offset																			
Existing Ground Levels	-22.200	170.026																	
Existing Ground Offset	-22.200	170.026	-27.202	166.824	-20.279	164.422	-16.402	162.020	-15.975	162.596	-15.975	162.714	-12.453	160.263	-10.907	162.074	-8.225	162.894	-8.225

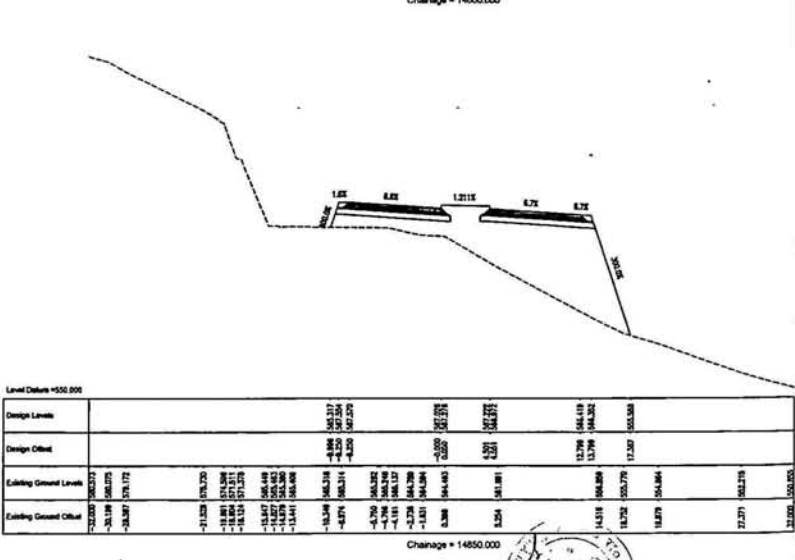
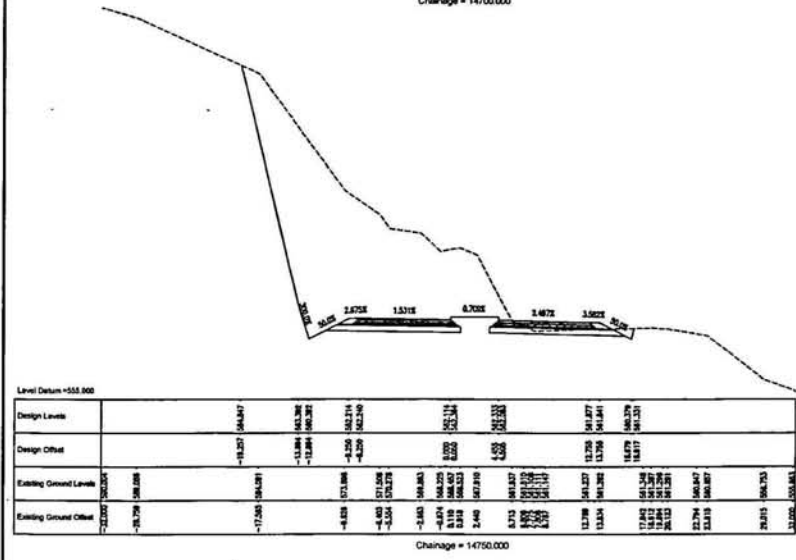
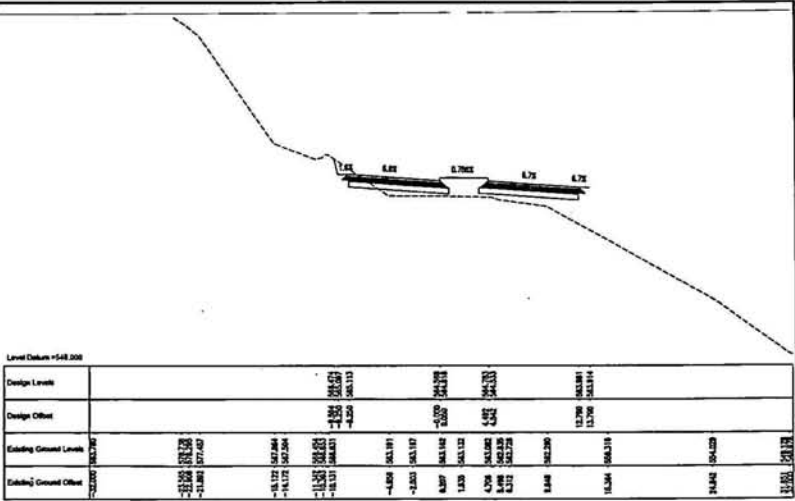
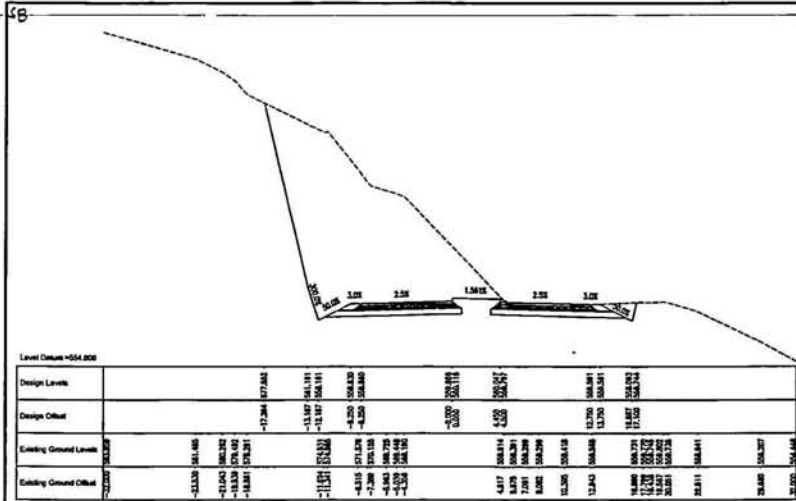
Chirriage = 14500.000



Level Datum +541.000

Design Levels																			
Design Offset																			
Existing Ground Levels	-22.200	170.026																	
Existing Ground Offset	-22.200	170.026	-28.818	166.208	-20.791	164.787	-17.790	162.788	-17.790	162.788	-12.453	160.335	-10.907	162.884	-8.225	163.704	-8.225	164.524	-8.225

Chirriage = 14500.000



Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Cartage-way configuration of Jamru - Uthampur section of NH-51 A (km 0.00 to km 66.00) including Jamru (Part) Bypass and Uthampur Bypass Phase - III Programme of North - South - corridors Project, Contract Package C-0718

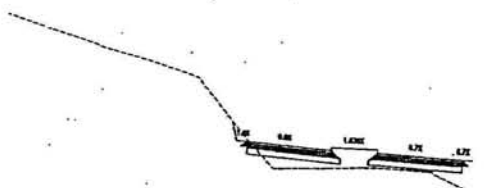
Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title:
CROSS SECTIONS
 CH. 14700.000 TO 14850.000

Drawing No. : SW/1019/ROADS/CS - 56
 Scale :- NOT TO BE SCALED
 Dwn K.L.N Dgn. K.PRASAD Appd BRG.C.D.PUR Date JUNE-2009

Sheet :
 Scotti Wilson India Private Limited
 C-26/4, 4th FLOOR, CO-OPERATIVE IND. ESTATE
 MATRUHA SOCIETY
 NEW DELHI - 110044
 Tel: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: scwinfo@scw.com

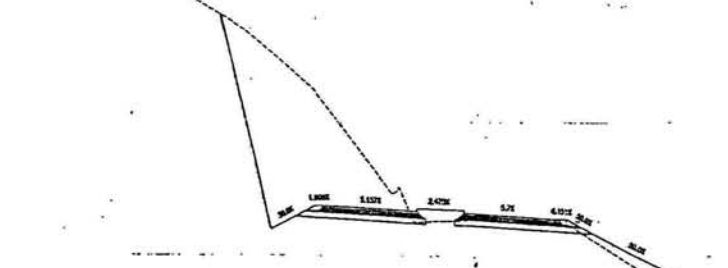




Level Chain +14900.000

Design Levels		14900+200	14900+300	14900+400	14900+500
Design Offset		0.00	0.00	0.00	0.00
Existing Ground Levels		14900+200	14900+300	14900+400	14900+500
Existing Ground Offset		-0.10	-0.20	-0.30	-0.40

Chainage + 14900.000



Level Chain +15000.000

Design Levels		15000+100	15000+200	15000+300	15000+400	15000+500
Design Offset		0.00	0.00	0.00	0.00	0.00
Existing Ground Levels		15000+100	15000+200	15000+300	15000+400	15000+500
Existing Ground Offset		-0.15	-0.25	-0.35	-0.45	-0.55

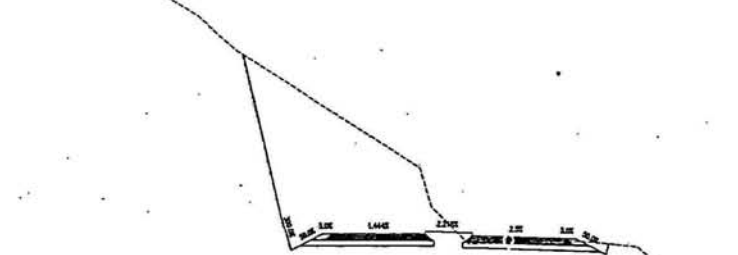
Chainage + 15000.000



Level Chain +14900.000

Design Levels		14900+600	14900+700	14900+800	14900+900
Design Offset		0.00	0.00	0.00	0.00
Existing Ground Levels		14900+600	14900+700	14900+800	14900+900
Existing Ground Offset		-0.10	-0.20	-0.30	-0.40

Chainage + 14900.000



Level Chain +15000.000

Design Levels		15000+300	15000+450	15000+550	15000+600	15000+700
Design Offset		0.00	0.00	0.00	0.00	0.00
Existing Ground Levels		15000+300	15000+450	15000+550	15000+600	15000+700
Existing Ground Offset		-0.10	-0.20	-0.30	-0.40	-0.50

Chainage + 15000.000

Note:-
Levels shown are un-adjusted datum.

Project Title
Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 2-lane dual carriage way road at heavy section of NH-1A (Km 2.00 to Km 84.00) including Junction/Part Nagpur and Ummedpur Bypass Phase - II (Proposals of North-South - Bypass) Project, Central Package 2-S-18

Client:
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing For:
CROSS SECTIONS CH. 14900.000 TO 15050.000

Drawing No.: SW/1019/ROADS/CS - 57
Scale: 1:200
NOT TO BE SCALED

Drn: K.L.N. | Dp: N.PRASAD | Appd: BRC :: PUR | Date: JUNE-2009

Logo of National Highways Authority of India.

Company stamps and signatures.

Signature of **Supriya K. Ghosh**, Project Engineer II, N.H.A.I.

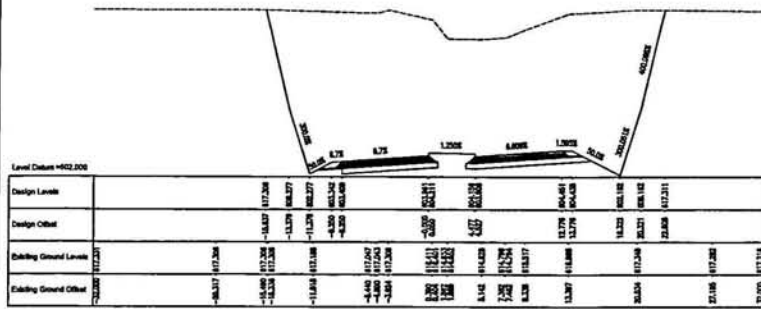
Signature of **Pradeep K. Sinha**, Project Engineer I, N.H.A.I.

Signature of **N.P. Prasad**, Deputy Engineer, N.H.A.I.

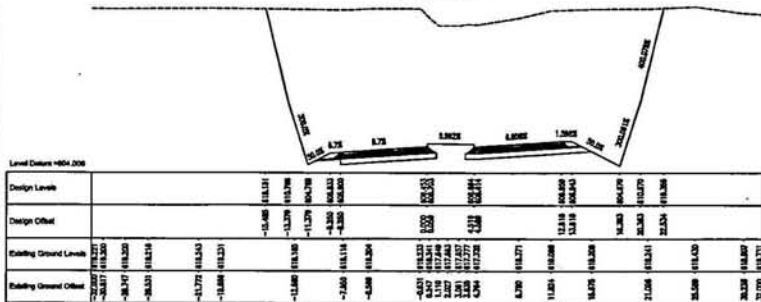
Signature of **K.L.N.**, Draftsman, N.H.A.I.

Company Stamp: **NATIONAL HIGHWAYS AUTHORITY OF INDIA**, MINISTRY OF SHIPPING, ROAD TRANSPORT & HIGHWAYS, NEW DELHI.

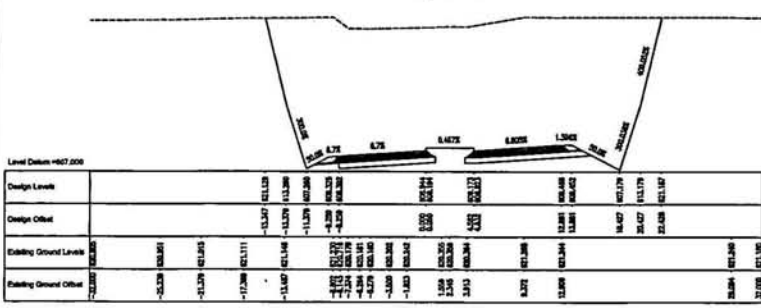
62



Chirriage = 15600.000



Chirriage = 15600.000



Chirriage = 15700.000

Note:- Levels shown are self assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 2-lane met to 4-lane divided carriageway configuration of Jaipur - Udaipur section of NH 1A (in 0.00 to km 86.00) including Jaipur (N) Nagada and Udaipur Bypass Phase - II Programme of North - South corridor Project, Contract Package CM/18

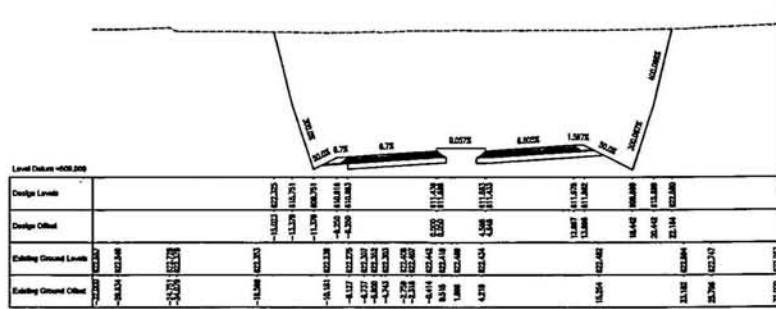
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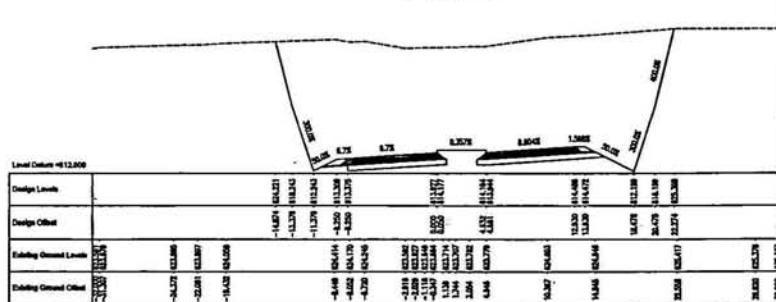


Drawing Title: CROSS SECTIONS
 CH. 15600.000 TO 15850.000
Drawing No.: SW/1019/ROADS/CS - 60
Scale: NOT TO BE SCALED
Drn: K.L.N
Dgn: K.P.RASAD
Appd: BRG.C.D.PURJ
Date: JUNE-2009

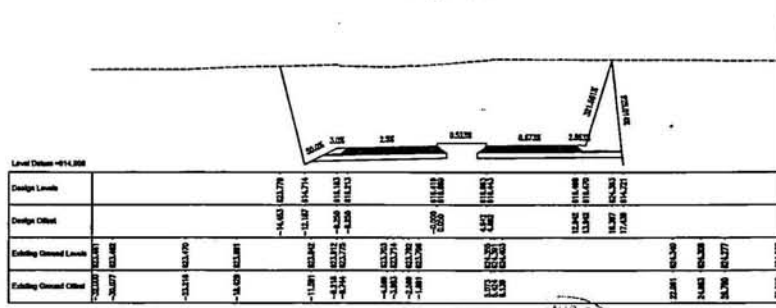
Scott Wilson India Private Limited
 A 26th FLOOR TOWER CO-OPERATIVE NO. 28
 MARKET ROAD
 NEW DELHI 110044
 Tel: (011) 41673340 - 49
 Fax: (011) 41673350
 E-mail: info@swindia.com



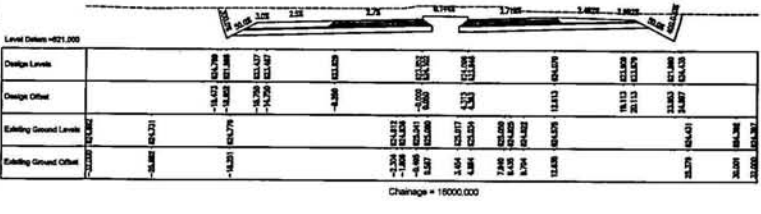
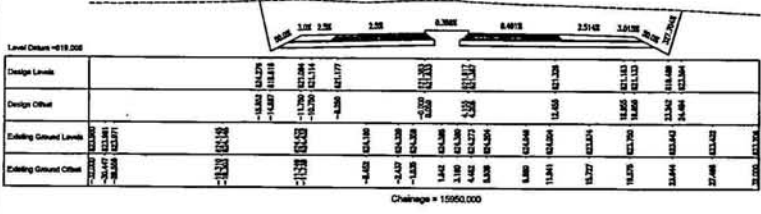
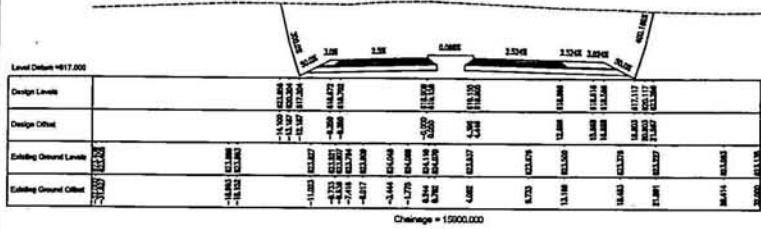
Chirriage = 15750.000



Chirriage = 15800.000



Chirriage = 15850.000



Note:- Levels shown are as assumed datum.

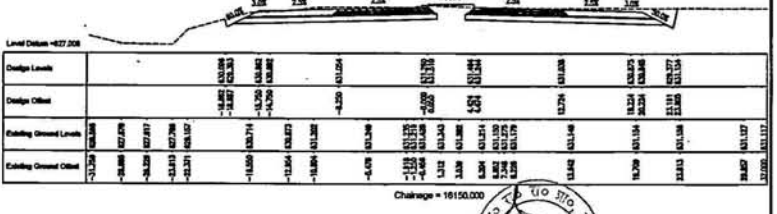
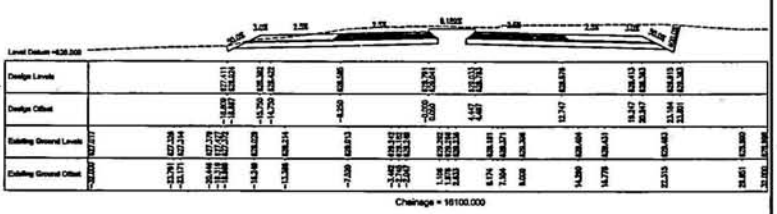
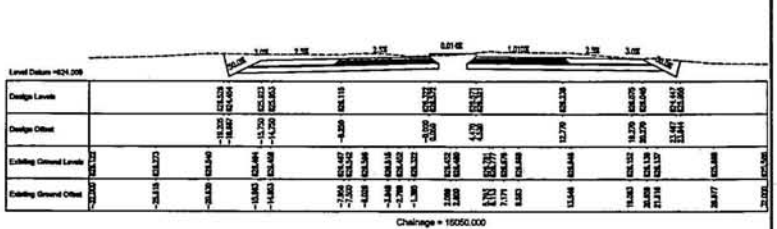
Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1 A (Km 0.00 to km 58.00) including Jammu/Part) Nagrota and Udhampur Bypass Phase - III Programme of North - South - corridor Project, Contract Package C-818

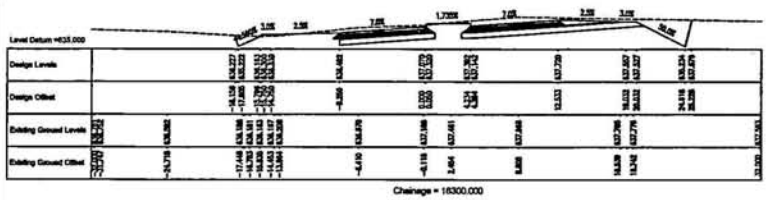
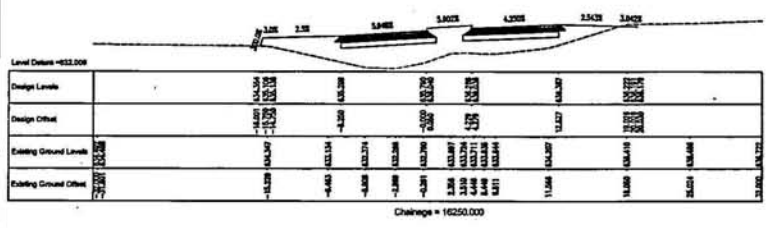
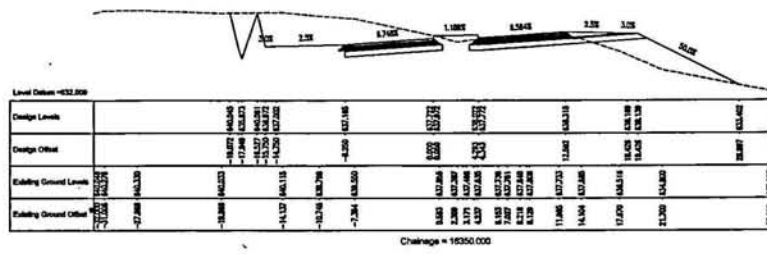
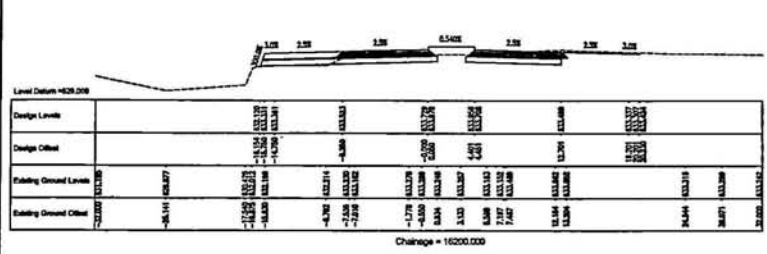
As per approval by the Project Director, NHAI, New Delhi, the Engineer and consultant are authorized to use the drawings and specifications for the purpose of construction of the project and for the purpose of obtaining the necessary permissions for carrying out the project.

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Drawing Title: CROSS SECTIONS CH. 15900.000 TO 16150.000
Drawing No.: SWH/019/ROADS/CS - 61
Scale: NOT TO BE SCALED
DTP: K.L.N. Date: JUNE-2009

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Note:- Levels shown are unassumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided carriageway configuration of Jamru - Udhampur section of NH-1 A (Km 0.00 to Km 66.00) including Jamru/2nd Negra and Udhampur Bypass Phase - II Programme of North - South - corridors Project, Contract Package C-0718

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Drawing Title: CROSS SECTIONS CH. 16200.000 TO 16350.000
Drawing No.: SW/1019/ROADS/CS - 62
Scale: NOT TO BE SCALED
Drn: K.L.N
Dgn: K.PRASAD
Appd: BRIG.C.D.FUND
Date: JUNE-2009

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NATIONAL HIGHWAYS AUTHORITY OF INDIA
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Consultancy services for preparation of detailed project report for
Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway
Configuration of Jammu-Udhampur section of NH-1A (km 0.00 to km 66.00)
Including Jammu (part) Nagrota and Udhampur bypass Phase-III Programme of
North-South-Corridors project, Contract Package C-III/18

DRAFT DETAILED PROJECT REPORT

VOLUME - IX DRAWINGS

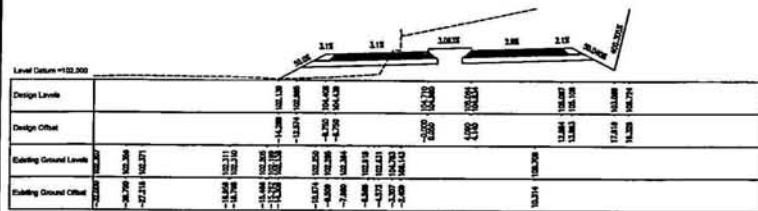
Part -II (Road Cross Sections)

Jammu Bypass (Ch. 15050.000 - Ch. 20300.000)

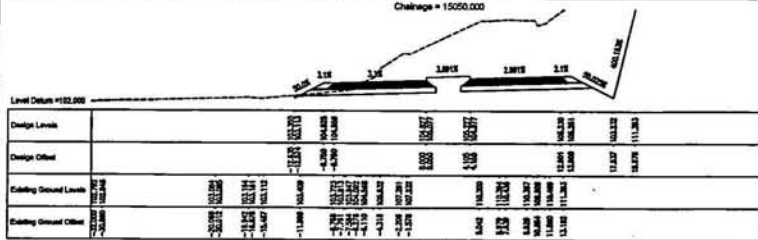


June-2009

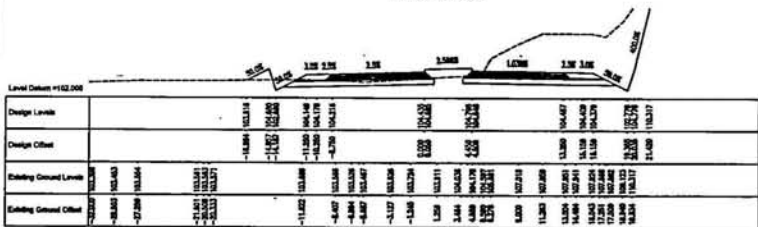




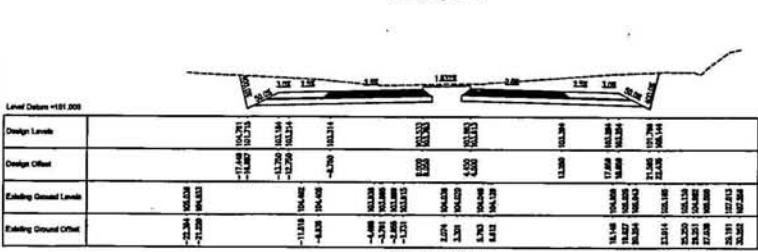
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Chaiirage = 15100.000



Chaiirage = 15150.000



Chaiirage = 15200.000

Note:- Levels shown are not assumed data.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jamru - Udhampur section of NH-1A (Km 0.00 to km 06.00) including Jamru (Part) Nagrota and Udhampur Bypass Phase - II Programme of North - South - corridors Project, Contract Package C-1018

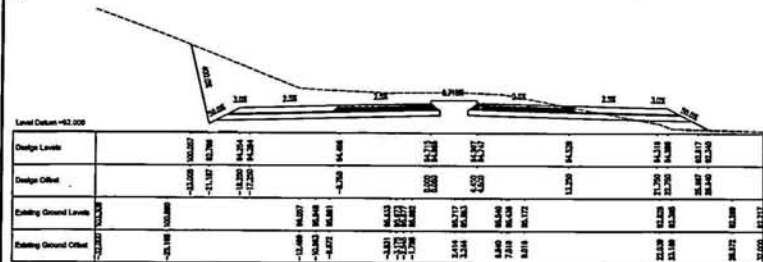
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 All levels in meters above Mean Sea Level (MSL) unless otherwise stated.
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 All dimensions are rounded off to the nearest millimeter.
 All levels are rounded off to the nearest millimeter.
 All elevations are rounded off to the nearest millimeter.
 All dimensions are rounded off to the nearest millimeter.
 All levels are rounded off to the nearest millimeter.

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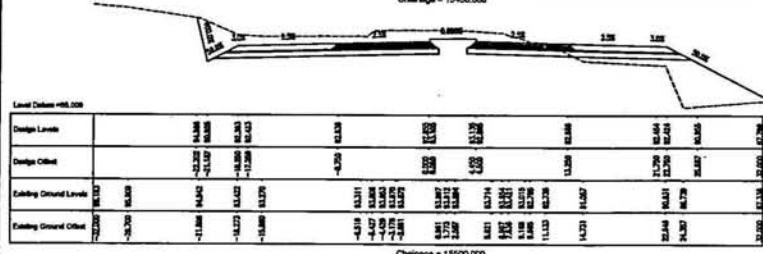
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 CH. 15050.000 TO 15400.000
Drawing No.: SW/1019/ROADS/CS - 01
Scale: NOT TO BE SCALED
Date: JUNE-2009
Drawn by: K.PRASAD
Checked by: BRG.C.D.PUR

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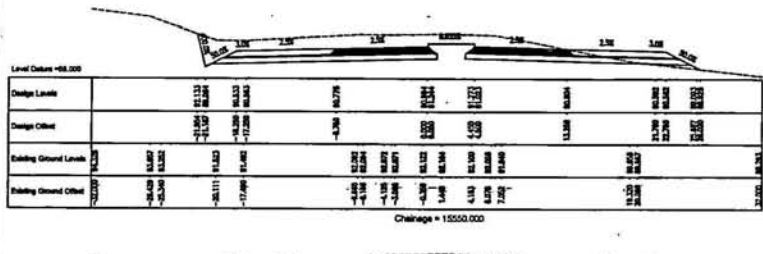




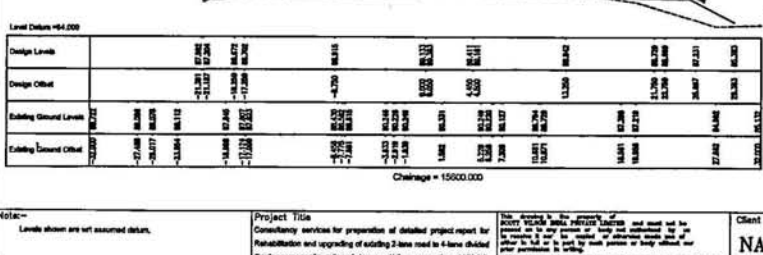
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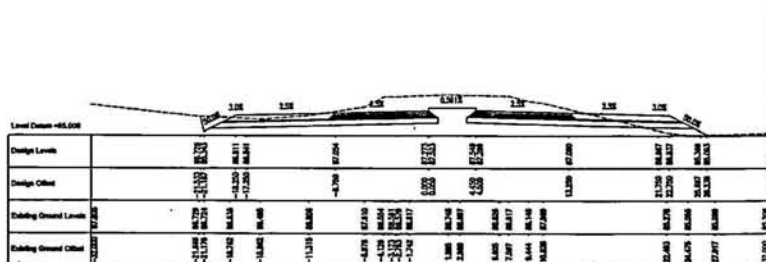
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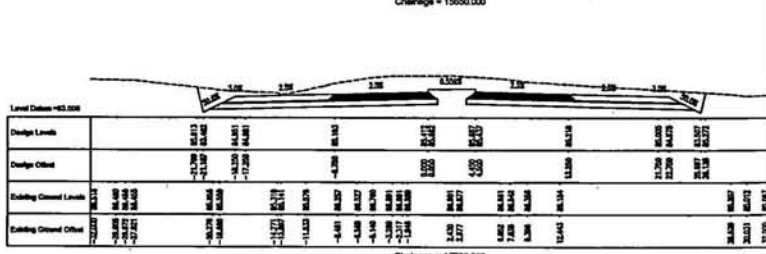
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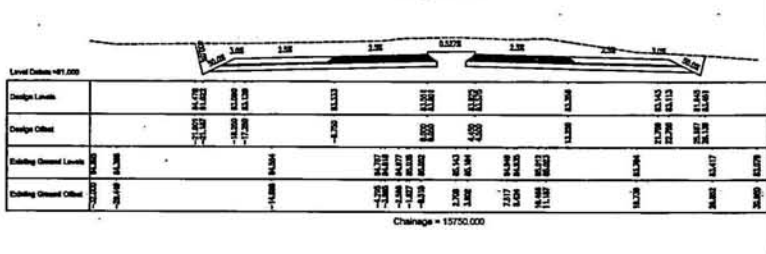
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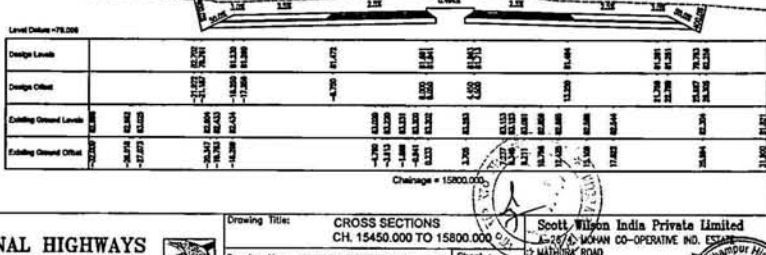
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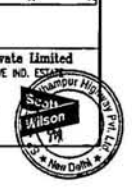
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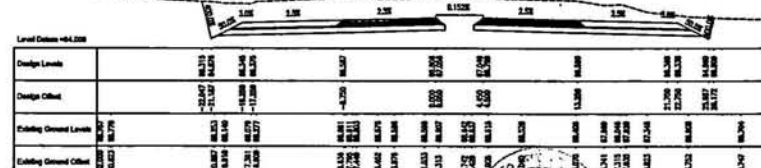
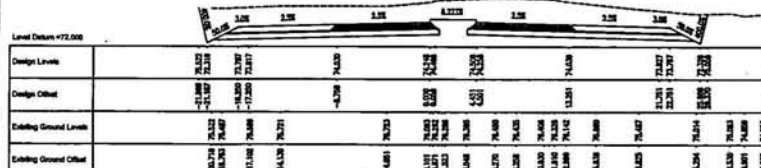
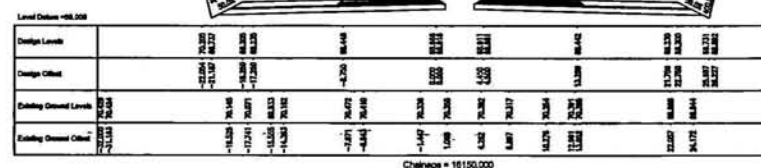
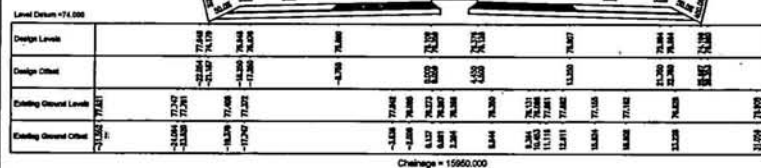
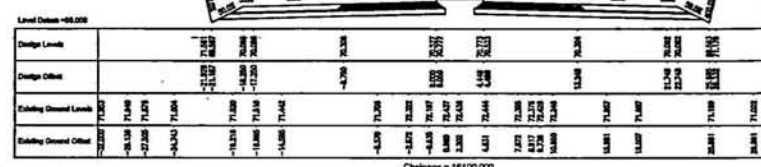
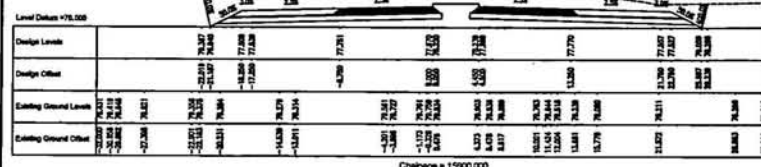
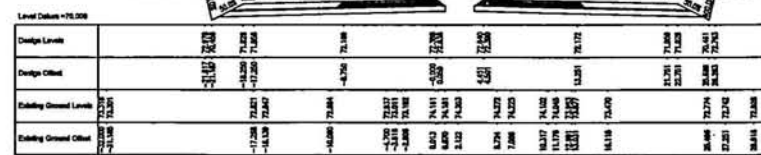
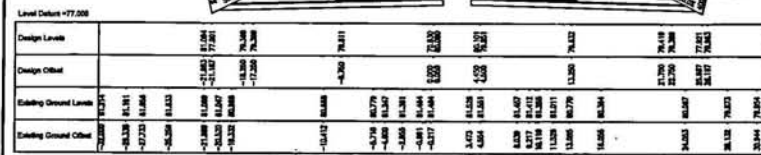
Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1 A (from 8.00 to km 88.00) including Jammu(Urgent) Segments and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-878

Client
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Drawing Title:
 CROSS SECTIONS
 CH. 15450.000 TO 15800.000
 Drawing No.: SWH/019/ROADSCS - 02
 Scale: NOT TO BE SCALED
 Date: JUNE-2009

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Note:- Levels shown are not assumed data.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3 lane road to 4-lane divided carriageway configuration of Jaipur - Udaipur section of NH-1A (km 8.00 to km 96.00) including Jamsil/Parth Nagas and Udhampur Bypass Phase - II of Programme of North-South corridor Project, Contract Package C-6/18

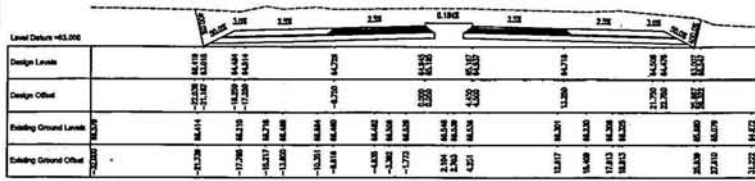
Client
National Highways Authority of India (Ministry of Shipping, Road Transport & Highways)

NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

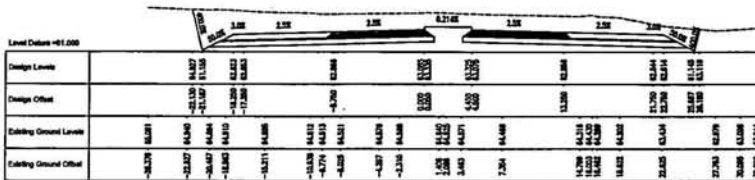
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Drawing No.: SW/1019/ROADS/CS - 03
Scale: NOT TO BE SCALED
Date: JUNE-2008

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E-mail: swi@swi.com

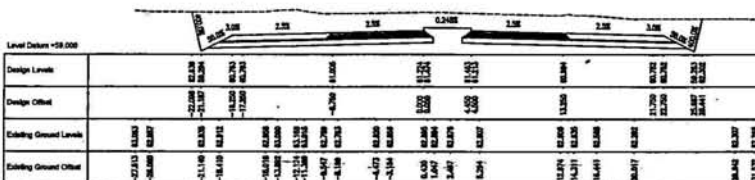




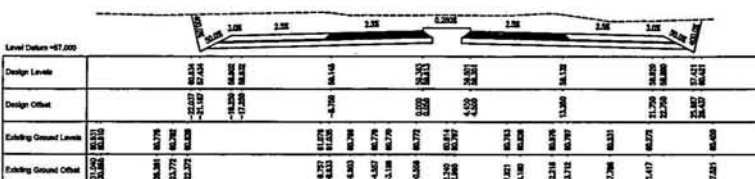
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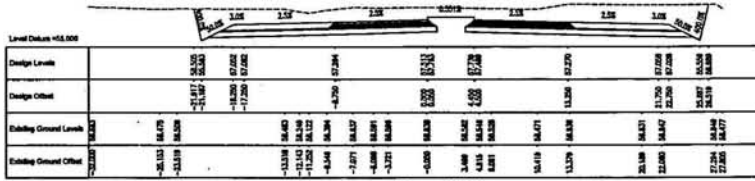
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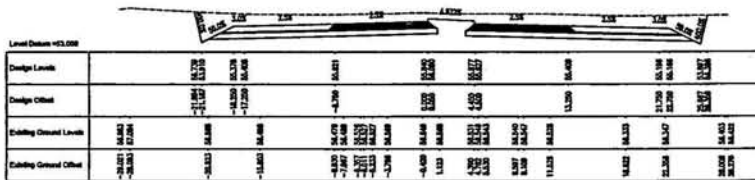
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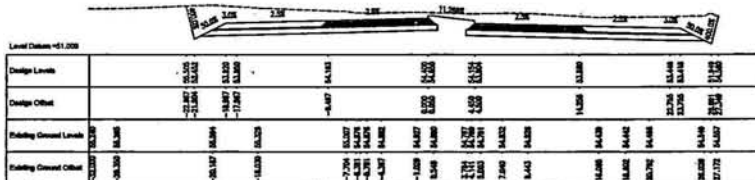
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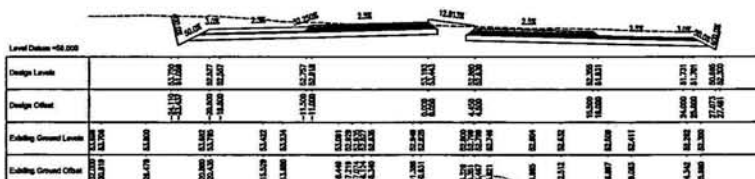
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Chainage = 16550.000



Chainage = 16600.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for
 Rehabilitation and upgrading of existing 2-lane road to 4-lane divided
 carriageway configuration of Jamnā - Udhampur section of NH-44 A
 (km 0.00 to km 94.00) including Jamnā(Pur) Bypass and Udhampur
 Bypass Phase - II Programme of North-South corridor Project,
 Contract Package C-1018

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Drawing Title: CROSS SECTIONS
 CH. 16250.000 TO 16600.000
 Drawing No.: SW/H/019/ROADS/CS-04
 Sheet : _____
 Scale : 1" = NOT TO BE SCALED
 Date: JUNE-2009
 Dwn: K.L.N. Appd: BRIG.C.D.PUR

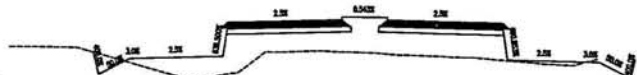
Scott Wilson India Private Limited
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 MATURBA ROAD
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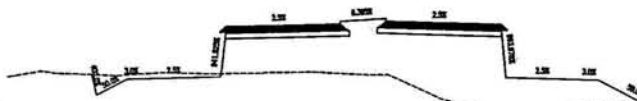
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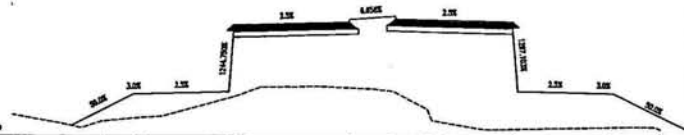
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Chiragali = 16700.000



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Chiragali = 16750.000



Level Datum +48.000										
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Level Datum +38.000										
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Chiragali = 16900.000

Note:- Levels shown are not assumed data.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jerru - Uthampur section of NH-1 A (Km 8.00 to Km 88.00) including Jerru (Pw) Magrate and Uthampur Bypass Phase - III Programme of North - South - corridor Project, Contract Package C-2019

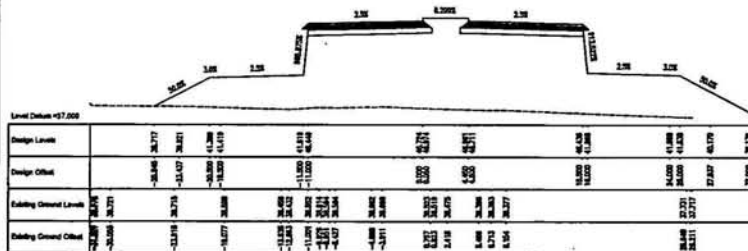
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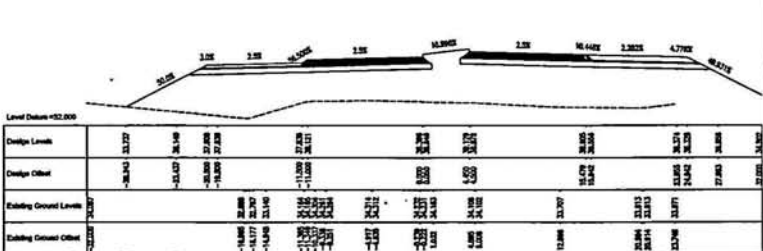
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Scale :- NOT TO BE SCALED
Drn K.L.N **Dgn.** A.P.HASAD **Appd** BRIG.C.D.PUR **Date** JUNE-2009

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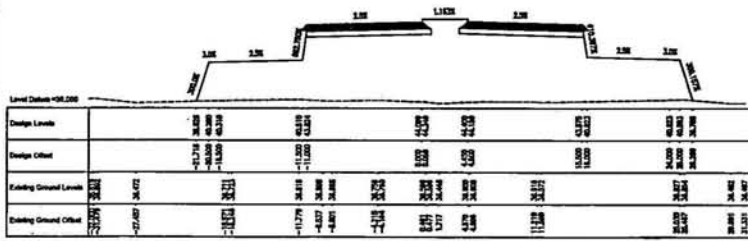




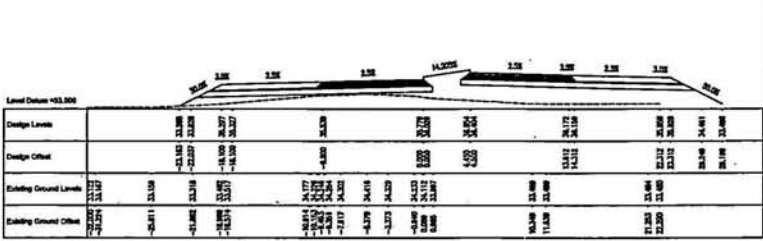
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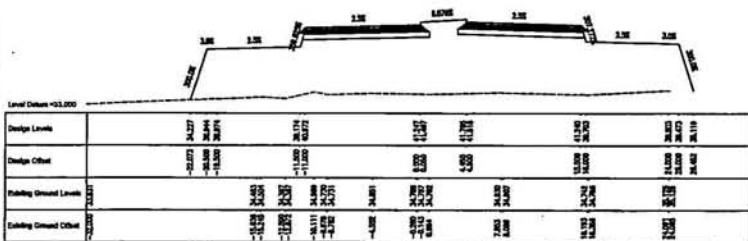
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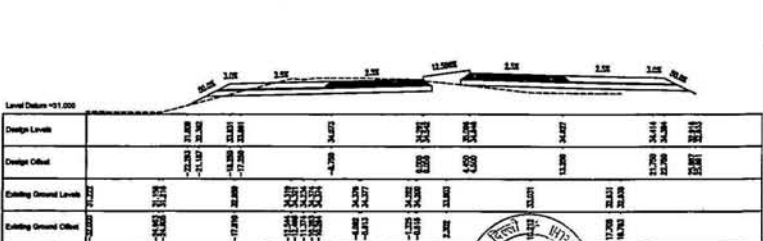
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Chairsage = 17050.000




Chairsage = 17200.000

Notes - Levels shown are not assumed datum.

<p>Project Title Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration at Jarra - Udhanpur section of NH-1 A (Km 0.00 to Km 88.00) including Jarra/HQ Nagare and Udhanpur Bypass Phase - II Programme of North - South - corridors Project, Contract Package C-5719</p>	<p>Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)</p>	<p>Drawing Title: CROSS SECTIONS CH. 16950.000 TO 17200.000</p>	<p>Scale 1: NOT TO BE SCALED</p> <p>Date: JUNE-2009</p>
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Drawing No.: SW/1019/ROADS/CS-06 Sheet: [Blank]
 Dgn: K.L.N. Appd: K.PRASAD Date: JUNE-2009
 Brg.C.D.PUR
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Notes:-
Level shown are not assumed datum.

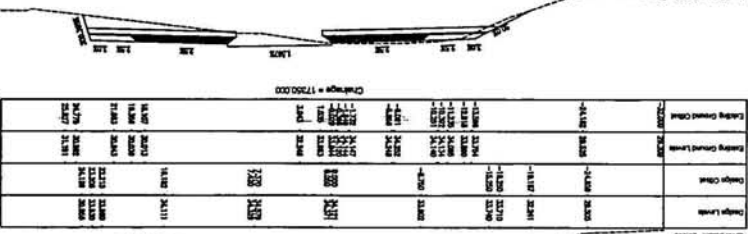
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Contract No. : SW/1019/Road/SCS - 07
Drawing Title: CROSS SECTIONS
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Dm: KLN
Appd: K.P.SASD
Brc.C.Pure: JUNE-2009
Date: 19/06/2009
For: (011) 41679340
Tel: (011) 41679340 - 49
Fax: (011) 41679350
E-mail: 1.mrd@vsnl.com

Authority of India
(Ministry of Shipping, Road Transport & Highways)
NATIONAL HIGHWAYS
Drawing No. : SW/1019/Road/SCS - 07
Scale: 1/2500
Dm: KLN
Appd: K.P.SASD
Brc.C.Pure: JUNE-2009
Date: 19/06/2009
For: (011) 41679340
Tel: (011) 41679340 - 49
Fax: (011) 41679350
E-mail: 1.mrd@vsnl.com

Scott Wilson India Private Limited
CH-1, 2nd FLOOR CO-OPERATIVE IND. ESTATE
KALKAJI ROAD
NEW DELHI - 110044

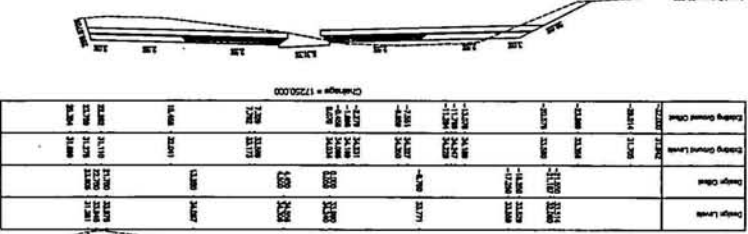
Level Datum +28.000

Station	Existing Ground Level	Existing Ground Level	Design Level	Design Level
2+000	28.00	28.00	28.00	28.00
2+010	28.10	28.10	28.10	28.10
2+020	28.20	28.20	28.20	28.20
2+030	28.30	28.30	28.30	28.30
2+040	28.40	28.40	28.40	28.40
2+050	28.50	28.50	28.50	28.50
2+060	28.60	28.60	28.60	28.60
2+070	28.70	28.70	28.70	28.70
2+080	28.80	28.80	28.80	28.80
2+090	28.90	28.90	28.90	28.90
2+100	29.00	29.00	29.00	29.00
2+110	29.10	29.10	29.10	29.10
2+120	29.20	29.20	29.20	29.20
2+130	29.30	29.30	29.30	29.30
2+140	29.40	29.40	29.40	29.40
2+150	29.50	29.50	29.50	29.50
2+160	29.60	29.60	29.60	29.60
2+170	29.70	29.70	29.70	29.70
2+180	29.80	29.80	29.80	29.80
2+190	29.90	29.90	29.90	29.90
2+200	30.00	30.00	30.00	30.00



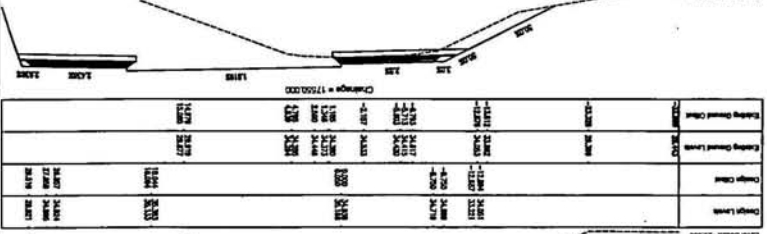
Level Datum +28.000

Station	Existing Ground Level	Existing Ground Level	Design Level	Design Level
2+210	30.10	30.10	30.10	30.10
2+220	30.20	30.20	30.20	30.20
2+230	30.30	30.30	30.30	30.30
2+240	30.40	30.40	30.40	30.40
2+250	30.50	30.50	30.50	30.50
2+260	30.60	30.60	30.60	30.60
2+270	30.70	30.70	30.70	30.70
2+280	30.80	30.80	30.80	30.80
2+290	30.90	30.90	30.90	30.90
2+300	31.00	31.00	31.00	31.00
2+310	31.10	31.10	31.10	31.10
2+320	31.20	31.20	31.20	31.20
2+330	31.30	31.30	31.30	31.30
2+340	31.40	31.40	31.40	31.40
2+350	31.50	31.50	31.50	31.50
2+360	31.60	31.60	31.60	31.60
2+370	31.70	31.70	31.70	31.70
2+380	31.80	31.80	31.80	31.80
2+390	31.90	31.90	31.90	31.90
2+400	32.00	32.00	32.00	32.00



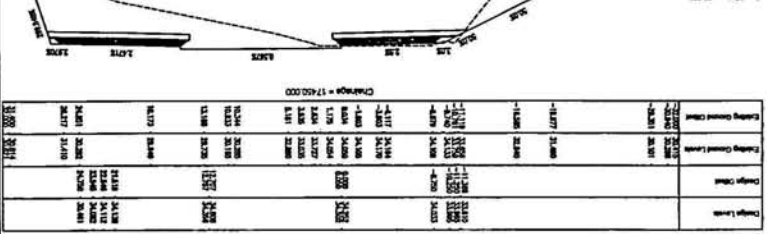
Level Datum +28.000

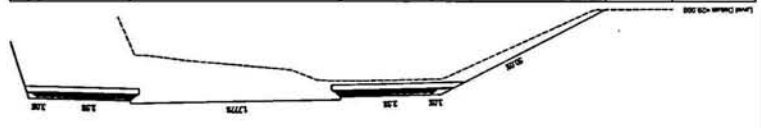
Station	Existing Ground Level	Existing Ground Level	Design Level	Design Level
2+410	32.10	32.10	32.10	32.10
2+420	32.20	32.20	32.20	32.20
2+430	32.30	32.30	32.30	32.30
2+440	32.40	32.40	32.40	32.40
2+450	32.50	32.50	32.50	32.50
2+460	32.60	32.60	32.60	32.60
2+470	32.70	32.70	32.70	32.70
2+480	32.80	32.80	32.80	32.80
2+490	32.90	32.90	32.90	32.90
2+500	33.00	33.00	33.00	33.00
2+510	33.10	33.10	33.10	33.10
2+520	33.20	33.20	33.20	33.20
2+530	33.30	33.30	33.30	33.30
2+540	33.40	33.40	33.40	33.40
2+550	33.50	33.50	33.50	33.50
2+560	33.60	33.60	33.60	33.60
2+570	33.70	33.70	33.70	33.70
2+580	33.80	33.80	33.80	33.80
2+590	33.90	33.90	33.90	33.90
2+600	34.00	34.00	34.00	34.00



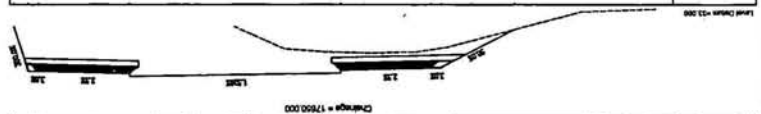
Level Datum +28.000

Station	Existing Ground Level	Existing Ground Level	Design Level	Design Level
2+610	34.10	34.10	34.10	34.10
2+620	34.20	34.20	34.20	34.20
2+630	34.30	34.30	34.30	34.30
2+640	34.40	34.40	34.40	34.40
2+650	34.50	34.50	34.50	34.50
2+660	34.60	34.60	34.60	34.60
2+670	34.70	34.70	34.70	34.70
2+680	34.80	34.80	34.80	34.80
2+690	34.90	34.90	34.90	34.90
2+700	35.00	35.00	35.00	35.00
2+710	35.10	35.10	35.10	35.10
2+720	35.20	35.20	35.20	35.20
2+730	35.30	35.30	35.30	35.30
2+740	35.40	35.40	35.40	35.40
2+750	35.50	35.50	35.50	35.50
2+760	35.60	35.60	35.60	35.60
2+770	35.70	35.70	35.70	35.70
2+780	35.80	35.80	35.80	35.80
2+790	35.90	35.90	35.90	35.90
2+800	36.00	36.00	36.00	36.00

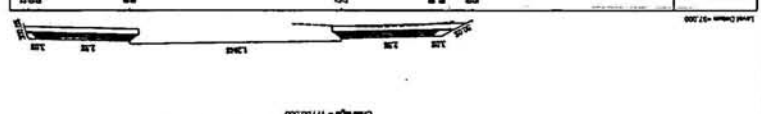




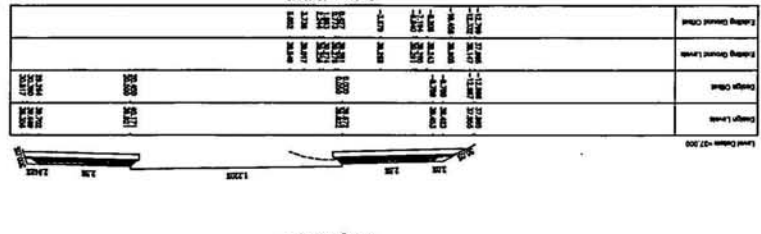
Station	Existing Ground Level	Design Ground Level	Design Level
17882.500	20.271	20.271	20.271
17885.000	20.271	20.271	20.271
17887.500	20.271	20.271	20.271
17890.000	20.271	20.271	20.271
17892.500	20.271	20.271	20.271
17895.000	20.271	20.271	20.271
17897.500	20.271	20.271	20.271
17900.000	20.271	20.271	20.271
17902.500	20.271	20.271	20.271
17905.000	20.271	20.271	20.271
17907.500	20.271	20.271	20.271
17910.000	20.271	20.271	20.271
17912.500	20.271	20.271	20.271
17915.000	20.271	20.271	20.271
17917.500	20.271	20.271	20.271



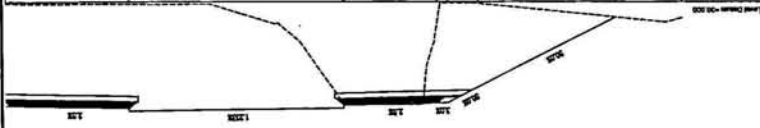
Station	Existing Ground Level	Design Ground Level	Design Level
17682.500	20.271	20.271	20.271
17685.000	20.271	20.271	20.271
17687.500	20.271	20.271	20.271
17690.000	20.271	20.271	20.271
17692.500	20.271	20.271	20.271
17695.000	20.271	20.271	20.271
17697.500	20.271	20.271	20.271
17700.000	20.271	20.271	20.271
17702.500	20.271	20.271	20.271
17705.000	20.271	20.271	20.271
17707.500	20.271	20.271	20.271
17710.000	20.271	20.271	20.271
17712.500	20.271	20.271	20.271
17715.000	20.271	20.271	20.271
17717.500	20.271	20.271	20.271



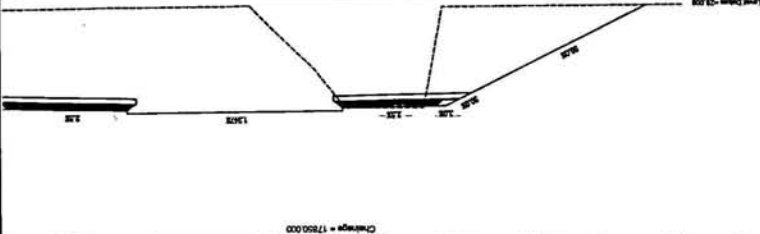
Station	Existing Ground Level	Design Ground Level	Design Level
17482.500	20.271	20.271	20.271
17485.000	20.271	20.271	20.271
17487.500	20.271	20.271	20.271
17490.000	20.271	20.271	20.271
17492.500	20.271	20.271	20.271
17495.000	20.271	20.271	20.271
17497.500	20.271	20.271	20.271
17500.000	20.271	20.271	20.271
17502.500	20.271	20.271	20.271
17505.000	20.271	20.271	20.271
17507.500	20.271	20.271	20.271
17510.000	20.271	20.271	20.271
17512.500	20.271	20.271	20.271
17515.000	20.271	20.271	20.271
17517.500	20.271	20.271	20.271



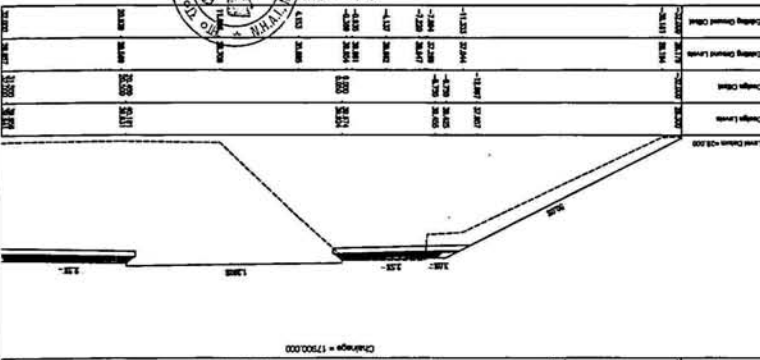
Station	Existing Ground Level	Design Ground Level	Design Level
17282.500	20.271	20.271	20.271
17285.000	20.271	20.271	20.271
17287.500	20.271	20.271	20.271
17290.000	20.271	20.271	20.271
17292.500	20.271	20.271	20.271
17295.000	20.271	20.271	20.271
17297.500	20.271	20.271	20.271
17300.000	20.271	20.271	20.271
17302.500	20.271	20.271	20.271
17305.000	20.271	20.271	20.271
17307.500	20.271	20.271	20.271
17310.000	20.271	20.271	20.271
17312.500	20.271	20.271	20.271
17315.000	20.271	20.271	20.271
17317.500	20.271	20.271	20.271



Station	Existing Ground Level	Design Ground Level	Design Level
17082.500	20.271	20.271	20.271
17085.000	20.271	20.271	20.271
17087.500	20.271	20.271	20.271
17090.000	20.271	20.271	20.271
17092.500	20.271	20.271	20.271
17095.000	20.271	20.271	20.271
17097.500	20.271	20.271	20.271
17100.000	20.271	20.271	20.271
17102.500	20.271	20.271	20.271
17105.000	20.271	20.271	20.271
17107.500	20.271	20.271	20.271
17110.000	20.271	20.271	20.271
17112.500	20.271	20.271	20.271
17115.000	20.271	20.271	20.271
17117.500	20.271	20.271	20.271



Station	Existing Ground Level	Design Ground Level	Design Level
16882.500	20.271	20.271	20.271
16885.000	20.271	20.271	20.271
16887.500	20.271	20.271	20.271
16890.000	20.271	20.271	20.271
16892.500	20.271	20.271	20.271
16895.000	20.271	20.271	20.271
16897.500	20.271	20.271	20.271
16900.000	20.271	20.271	20.271
16902.500	20.271	20.271	20.271
16905.000	20.271	20.271	20.271
16907.500	20.271	20.271	20.271
16910.000	20.271	20.271	20.271
16912.500	20.271	20.271	20.271
16915.000	20.271	20.271	20.271
16917.500	20.271	20.271	20.271



Station	Existing Ground Level	Design Ground Level	Design Level
16682.500	20.271	20.271	20.271
16685.000	20.271	20.271	20.271
16687.500	20.271	20.271	20.271
16690.000	20.271	20.271	20.271
16692.500	20.271	20.271	20.271
16695.000	20.271	20.271	20.271
16697.500	20.271	20.271	20.271
16700.000	20.271	20.271	20.271
16702.500	20.271	20.271	20.271
16705.000	20.271	20.271	20.271
16707.500	20.271	20.271	20.271
16710.000	20.271	20.271	20.271
16712.500	20.271	20.271	20.271
16715.000	20.271	20.271	20.271
16717.500	20.271	20.271	20.271

Contract Package C-0178
 Project Name: II-Phase of Bypass - Delhi - Ludhiana Project
 Contracting Agency: JICA - Ludhiana Section of S&L A
 Preparation and signing of tender shall be done after
 finalisation of the project by the Government of India.
 The project is to be executed in the form of a joint venture
 between the Government of India and the contractor.
 The contractor shall be responsible for the execution of the project.
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Project Title
 Contracting Agency: JICA - Ludhiana Section of S&L A
 Preparation and signing of tender shall be done after
 finalisation of the project by the Government of India.
 The project is to be executed in the form of a joint venture
 between the Government of India and the contractor.
 The contractor shall be responsible for the execution of the project.
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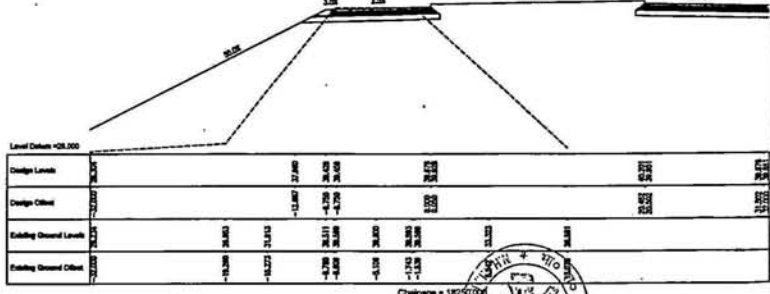
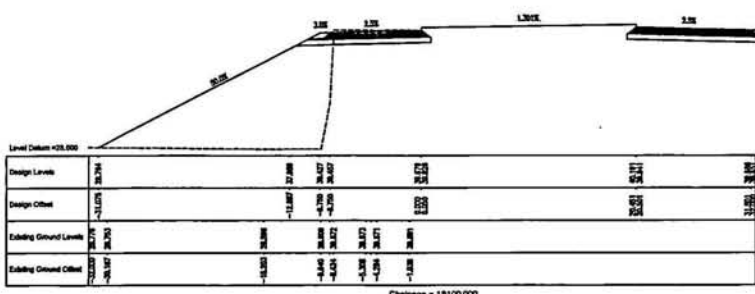
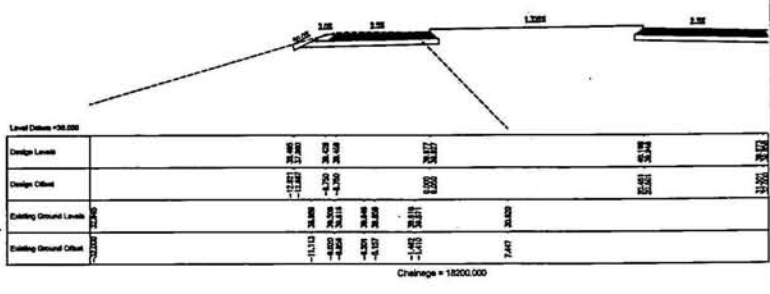
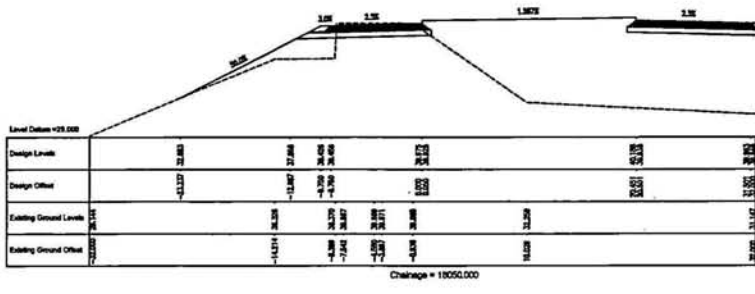
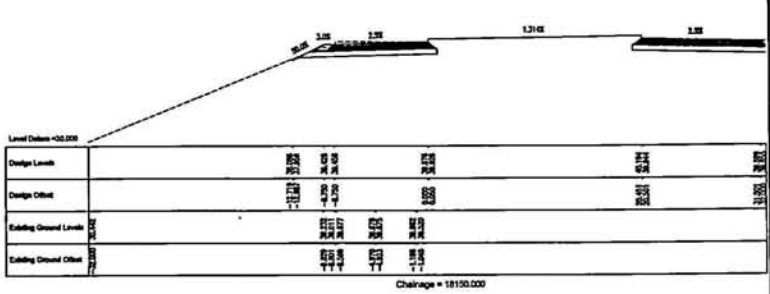
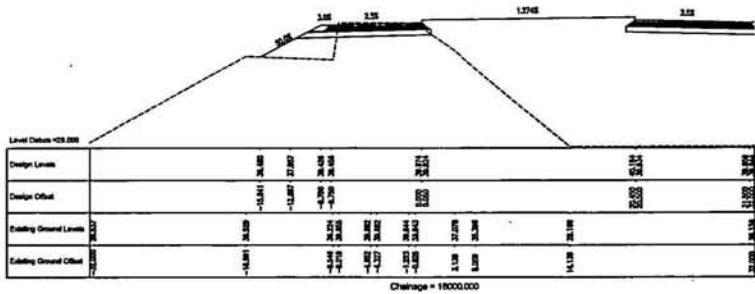


NATIONAL HIGHWAYS
 AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Contract
 Drawing Title: CROSS SECTIONS
 CH. 17650.000 TO 17950.000 *
 Drawing No.: SW/10/19/ROADSCS-08
 Scale: ---
 Date: 10/11/2004
 Approved: K.P.S.A.S.
 Checked: B.S.C.D.P.N.R.
 Date: 10/11/2004

NOT TO BE SCALED
 NEW DELHI - 110044
 Tel: (011) 4167350 - 49
 Fax: (011) 4167350
 E-mail: nha@nhai.org





Note:- Levels shown are not assumed dates.

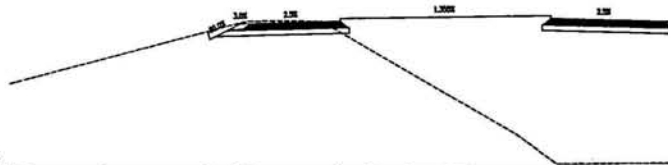
Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided carriageway configuration of Aranyik - Udhampur section of NH-1A (km 5.00 to km 88.00) including Aranyik (PVT) Bypass and Udhampur Bypass Phase - II Programme of North-South - corridor Project, Contract Package C-8/18

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTIONS CH. 18000.000 TO 18250.000
Drawing No.: SW/1019/ROADS/CS-09
Scale: NOT TO BE SCALED
Dn: K.L.N
Appd: K.PRASAD
Date: JUNE-2009

Scott Wilson India Private Limited
NEW DELHI - 110044
Tel: (011) 41678340 - 49
Fax: (011) 41678350
E-mail: swi@swi.com

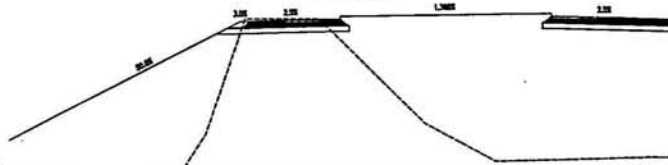




Level Datum +25.000

Design Levels	24.72	24.74	24.76	24.78	24.80	24.82	24.84	24.86	24.88	24.90	24.92	24.94	24.96	24.98	25.00
Design Offset	-1.00	-0.95	-0.90	-0.85	-0.80	-0.75	-0.70	-0.65	-0.60	-0.55	-0.50	-0.45	-0.40	-0.35	-0.30
Existing Ground Levels	24.72	24.74	24.76	24.78	24.80	24.82	24.84	24.86	24.88	24.90	24.92	24.94	24.96	24.98	25.00
Existing Ground Offset	-1.00	-0.95	-0.90	-0.85	-0.80	-0.75	-0.70	-0.65	-0.60	-0.55	-0.50	-0.45	-0.40	-0.35	-0.30

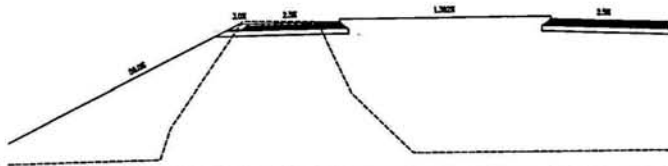
Chiragali = 18000.000



Level Datum +25.000

Design Levels	24.72	24.74	24.76	24.78	24.80	24.82	24.84	24.86	24.88	24.90	24.92	24.94	24.96	24.98	25.00
Design Offset	-1.00	-0.95	-0.90	-0.85	-0.80	-0.75	-0.70	-0.65	-0.60	-0.55	-0.50	-0.45	-0.40	-0.35	-0.30
Existing Ground Levels	24.72	24.74	24.76	24.78	24.80	24.82	24.84	24.86	24.88	24.90	24.92	24.94	24.96	24.98	25.00
Existing Ground Offset	-1.00	-0.95	-0.90	-0.85	-0.80	-0.75	-0.70	-0.65	-0.60	-0.55	-0.50	-0.45	-0.40	-0.35	-0.30

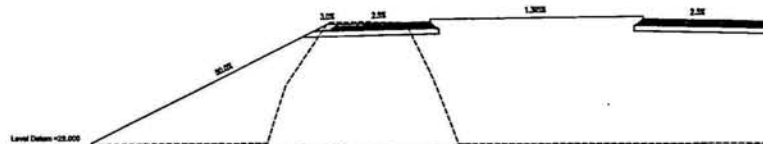
Chiragali = 18350.000



Level Datum +25.000

Design Levels	24.72	24.74	24.76	24.78	24.80	24.82	24.84	24.86	24.88	24.90	24.92	24.94	24.96	24.98	25.00
Design Offset	-1.00	-0.95	-0.90	-0.85	-0.80	-0.75	-0.70	-0.65	-0.60	-0.55	-0.50	-0.45	-0.40	-0.35	-0.30
Existing Ground Levels	24.72	24.74	24.76	24.78	24.80	24.82	24.84	24.86	24.88	24.90	24.92	24.94	24.96	24.98	25.00
Existing Ground Offset	-1.00	-0.95	-0.90	-0.85	-0.80	-0.75	-0.70	-0.65	-0.60	-0.55	-0.50	-0.45	-0.40	-0.35	-0.30

Chiragali = 18400.000



Level Datum +25.000

Design Levels	24.72	24.74	24.76	24.78	24.80	24.82	24.84	24.86	24.88	24.90	24.92	24.94	24.96	24.98	25.00
Design Offset	-1.00	-0.95	-0.90	-0.85	-0.80	-0.75	-0.70	-0.65	-0.60	-0.55	-0.50	-0.45	-0.40	-0.35	-0.30
Existing Ground Levels	24.72	24.74	24.76	24.78	24.80	24.82	24.84	24.86	24.88	24.90	24.92	24.94	24.96	24.98	25.00
Existing Ground Offset	-1.00	-0.95	-0.90	-0.85	-0.80	-0.75	-0.70	-0.65	-0.60	-0.55	-0.50	-0.45	-0.40	-0.35	-0.30

Chiragali = 18450.000



Level Datum +25.000

Design Levels	24.72	24.74	24.76	24.78	24.80	24.82	24.84	24.86	24.88	24.90	24.92	24.94	24.96	24.98	25.00
Design Offset	-1.00	-0.95	-0.90	-0.85	-0.80	-0.75	-0.70	-0.65	-0.60	-0.55	-0.50	-0.45	-0.40	-0.35	-0.30
Existing Ground Levels	24.72	24.74	24.76	24.78	24.80	24.82	24.84	24.86	24.88	24.90	24.92	24.94	24.96	24.98	25.00
Existing Ground Offset	-1.00	-0.95	-0.90	-0.85	-0.80	-0.75	-0.70	-0.65	-0.60	-0.55	-0.50	-0.45	-0.40	-0.35	-0.30

Chiragali = 18500.000



Level Datum +25.000

Design Levels	24.72	24.74	24.76	24.78	24.80	24.82	24.84	24.86	24.88	24.90	24.92	24.94	24.96	24.98	25.00
Design Offset	-1.00	-0.95	-0.90	-0.85	-0.80	-0.75	-0.70	-0.65	-0.60	-0.55	-0.50	-0.45	-0.40	-0.35	-0.30
Existing Ground Levels	24.72	24.74	24.76	24.78	24.80	24.82	24.84	24.86	24.88	24.90	24.92	24.94	24.96	24.98	25.00
Existing Ground Offset	-1.00	-0.95	-0.90	-0.85	-0.80	-0.75	-0.70	-0.65	-0.60	-0.55	-0.50	-0.45	-0.40	-0.35	-0.30

Chiragali = 18550.000

Note:- Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1A. (km 0.00 to km 06.00) including Jammu/Phulwari Nagrota and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-18

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Client
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(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTIONS CH. 18300.000 TO 18550.000

Drawing No. : SW/1019/ROADS/C/S - 10

Scale :- NOT TO BE SCALED

Drn KLN

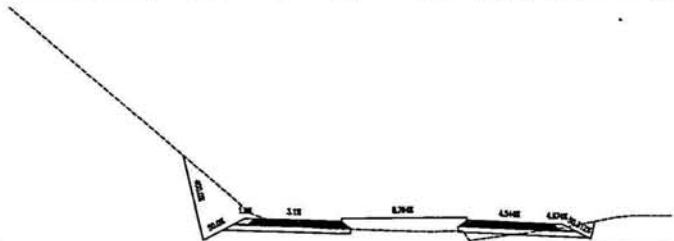
Dgn. P.K.PRASAD

Appd. BRIG.C.D.PUR

Date JUNE-2009

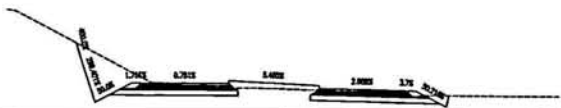
Scott Wilson India Private Limited
NEW DELHI - 110044
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E-mail: info@swi.com





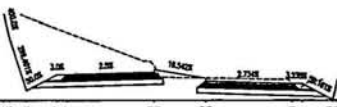
Level Datum +88.000										
Design Levels			47.94							
Design Offset			-13.28	-13.28	-13.28	-13.28	-13.28	-13.28	-13.28	-13.28
Existing Ground Levels			47.94	47.94	47.94	47.94	47.94	47.94	47.94	47.94
Existing Ground Offset			-13.28	-13.28	-13.28	-13.28	-13.28	-13.28	-13.28	-13.28

Chaiirage = 18600.000



Level Datum +81.000										
Design Levels			47.94							
Design Offset			-13.28	-13.28	-13.28	-13.28	-13.28	-13.28	-13.28	-13.28
Existing Ground Levels			47.94	47.94	47.94	47.94	47.94	47.94	47.94	47.94
Existing Ground Offset			-13.28	-13.28	-13.28	-13.28	-13.28	-13.28	-13.28	-13.28

Chaiirage = 18600.000



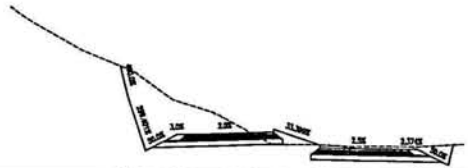
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Existing Ground Levels			47.94	47.94	47.94	47.94	47.94	47.94	47.94	47.94
Existing Ground Offset			-13.28	-13.28	-13.28	-13.28	-13.28	-13.28	-13.28	-13.28

Chaiirage = 18700.000



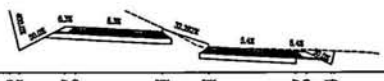
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Design Levels			47.94							
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Existing Ground Levels			47.94	47.94	47.94	47.94	47.94	47.94	47.94	47.94
Existing Ground Offset			-13.28	-13.28	-13.28	-13.28	-13.28	-13.28	-13.28	-13.28

Chaiirage = 18790.000



Level Datum +88.000										
Design Levels			47.94							
Design Offset			-13.28	-13.28	-13.28	-13.28	-13.28	-13.28	-13.28	-13.28
Existing Ground Levels			47.94	47.94	47.94	47.94	47.94	47.94	47.94	47.94
Existing Ground Offset			-13.28	-13.28	-13.28	-13.28	-13.28	-13.28	-13.28	-13.28

Chaiirage = 18900.000



Level Datum +88.000										
Design Levels			47.94							
Design Offset			-13.28	-13.28	-13.28	-13.28	-13.28	-13.28	-13.28	-13.28
Existing Ground Levels			47.94	47.94	47.94	47.94	47.94	47.94	47.94	47.94
Existing Ground Offset			-13.28	-13.28	-13.28	-13.28	-13.28	-13.28	-13.28	-13.28

Chaiirage = 18900.000

Note:- Levels shown are not assumed datum.

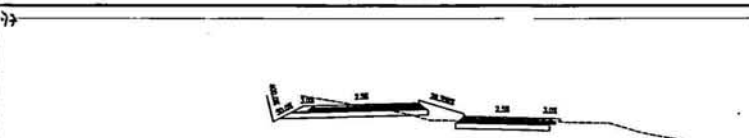
Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (from 5.00 to km 88.00) including Jammu (Part) Nagrota and Udhampur Bypass Phase - III Programme of North - South - corridor Project, Contract Package C-8/18

Client
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Drawing Title: CROSS SECTIONS CH. 18600.000 TO 18900.000
Drawing No.: SW/1019/ROADS/CS - 11
Scale: NOT TO BE SCALED
Drawn by: K.L.W.
Checked by: K.PRASAD
Appd. by: BRG.C.D.PUR
Date: JUNE-2009

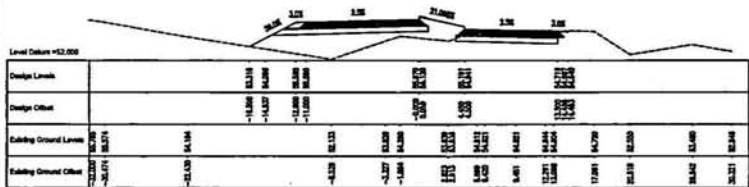
Scale: NOT TO BE SCALED
Drawn by: K.L.W.
Checked by: K.PRASAD
Appd. by: BRG.C.D.PUR
Date: JUNE-2009

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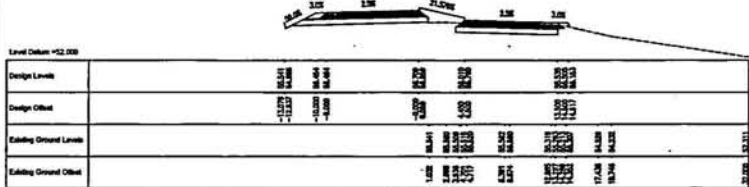
Level Datum +58.000									
Design Levels									
Design Offset	-14.762	18.977							
Existing Ground Levels	-11.000	18.000							
Existing Ground Offset	-11.000	18.000							

Chirriage = 18900.000



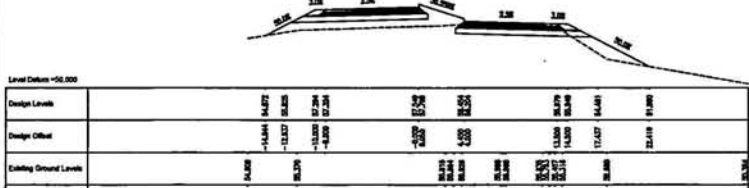
Level Datum +53.000									
Design Levels									
Design Offset	-11.000	18.119							
Existing Ground Levels	-11.000	18.119							
Existing Ground Offset	-11.000	18.119							

Chirriage = 19550.000



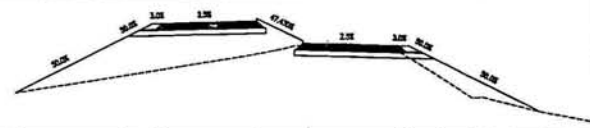
Level Datum +52.000									
Design Levels									
Design Offset	-11.000	18.119							
Existing Ground Levels	-11.000	18.119							
Existing Ground Offset	-11.000	18.119							

Chirriage = 19000.000



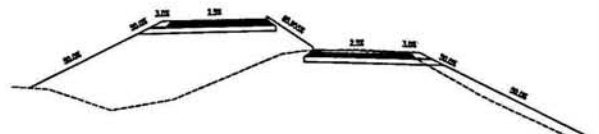
Level Datum +58.000									
Design Levels									
Design Offset	-11.000	18.119							
Existing Ground Levels	-11.000	18.119							
Existing Ground Offset	-11.000	18.119							

Chirriage = 19050.000



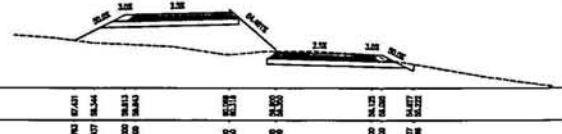
Level Datum +48.000									
Design Levels									
Design Offset	-11.000	18.119							
Existing Ground Levels	-11.000	18.119							
Existing Ground Offset	-11.000	18.119							

Chirriage = 19100.000



Level Datum +47.000									
Design Levels									
Design Offset	-11.000	18.119							
Existing Ground Levels	-11.000	18.119							
Existing Ground Offset	-11.000	18.119							

Chirriage = 19150.000



Level Datum +51.000									
Design Levels									
Design Offset	-11.000	18.119							
Existing Ground Levels	-11.000	18.119							
Existing Ground Offset	-11.000	18.119							

Chirriage = 19200.000



Notes:-

Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for
 Rehabilitation and upgrading of existing 2-lane road to 4-lane divided
 Carriageway configuration of Jammu - Udhampur section of NH-1 A
 (km 0.00 to km 86.00) including Jammu(Pur) Bypass and Udhampur
 Bypass Phase - II Programme of North-South corridor Project,
 Contract Package C-8112

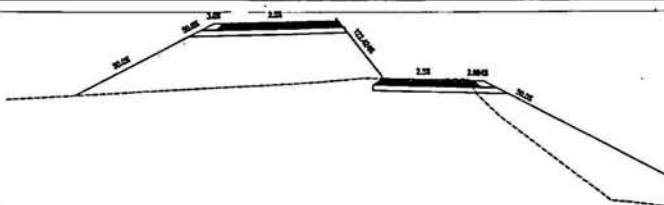
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Drawing Title: **CROSS SECTIONS
 CH. 18900.000 TO 19200.000**
 Drawing No.: **SW/1019/ROADS/CS- 12**
 Scale 1:- **NOT TO BE SCALED**
 Dm **K.L.M** Dgn **K.PRASAD** Appd **BRG.C.D.PUR** Date **JUNE-2009**

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 NEW DELHI - 110044
 Tele: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: swinfo@swi.com

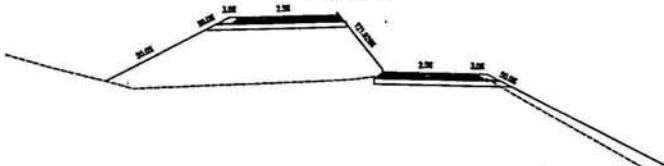




Level Datum +44.000

Design Levels											
Design Offset	-0.50	0.50	1.50	2.50	3.50	4.50	5.50	6.50	7.50	8.50	9.50
Existing Ground Levels	12.20	12.50	13.00	13.50	14.00	14.50	15.00	15.50	16.00	16.50	17.00
Existing Ground Offset											

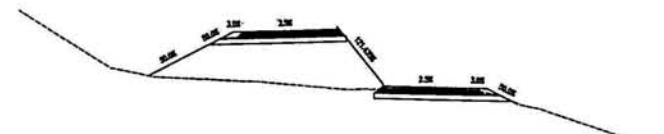
Chiragrah = 19500.000



Level Datum +48.000

Design Levels											
Design Offset	-0.50	0.50	1.50	2.50	3.50	4.50	5.50	6.50	7.50	8.50	9.50
Existing Ground Levels	12.20	12.50	13.00	13.50	14.00	14.50	15.00	15.50	16.00	16.50	17.00
Existing Ground Offset											

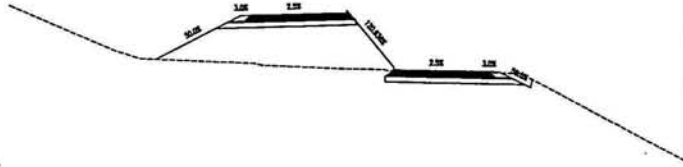
Chiragrah = 19500.000



Level Datum +50.000

Design Levels											
Design Offset	-0.50	0.50	1.50	2.50	3.50	4.50	5.50	6.50	7.50	8.50	9.50
Existing Ground Levels	12.20	12.50	13.00	13.50	14.00	14.50	15.00	15.50	16.00	16.50	17.00
Existing Ground Offset											

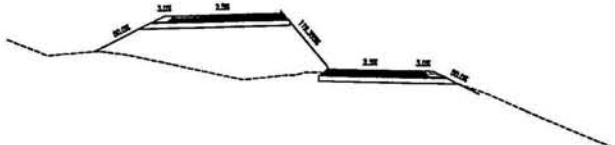
Chiragrah = 19500.000



Level Datum +47.000

Design Levels											
Design Offset	-0.50	0.50	1.50	2.50	3.50	4.50	5.50	6.50	7.50	8.50	9.50
Existing Ground Levels	12.20	12.50	13.00	13.50	14.00	14.50	15.00	15.50	16.00	16.50	17.00
Existing Ground Offset											

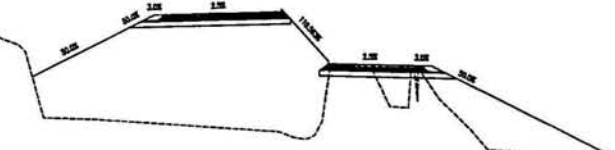
Chiragrah = 19700.000



Level Datum +48.000

Design Levels											
Design Offset	-0.50	0.50	1.50	2.50	3.50	4.50	5.50	6.50	7.50	8.50	9.50
Existing Ground Levels	12.20	12.50	13.00	13.50	14.00	14.50	15.00	15.50	16.00	16.50	17.00
Existing Ground Offset											

Chiragrah = 19750.000



Level Datum +47.000

Design Levels											
Design Offset	-0.50	0.50	1.50	2.50	3.50	4.50	5.50	6.50	7.50	8.50	9.50
Existing Ground Levels	12.20	12.50	13.00	13.50	14.00	14.50	15.00	15.50	16.00	16.50	17.00
Existing Ground Offset											

Chiragrah = 19800.000

Notes:-
Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1A (Km 0.00 to Km 06.00) including Jammu (Part) Nagrota and Udhampur Bypass Phase - III Programme of North - South - corridor Project, Contract Package C-819

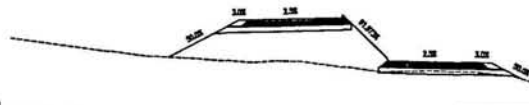
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Drawing Title:
CROSS SECTIONS
CH. 19550.000 TO 19800.000
Drawing No.: SW/1019/ROADS/CS - 14
Scale :- NOT TO BE SCALED
Dm K.L.N Dgn. K.PRASAD Appd. BRG.C.D.PUR Date JUNE-2009

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13-26/4, URSHVI CO-OPERATIVE HO. ESTATE
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NEW DELHI - 110044
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E-mail: swindia@gmail.com





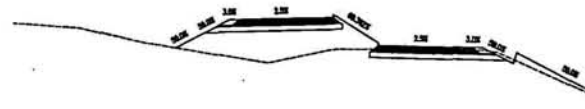
Level Datum +53.200											
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											

Chainage = 19950.000



Level Datum +58.200											
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											

Chainage = 20000.000



Level Datum +63.200											
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											

Chainage = 19950.000



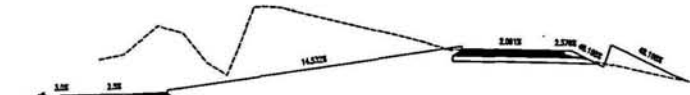
Level Datum +67.200											
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											

Chainage = 20050.000



Level Datum +63.200											
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											

Chainage = 19950.000



Level Datum +62.200											
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											

Chainage = 20100.000

NOTE:- Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1A (km 5.10 to km 85.00) including Jammu/Jairam Nagar and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C/2718

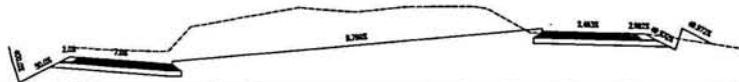
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NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTIONS
CH. 19850.000 TO 20100.000
Drawing No.: SW/1019/ROADS/CS - 15
Scale: NOT TO BE SCALED
Drn: K.L.N
Dgn: K.PRASAD
Appd: BRG.C.D.PUR
Date: JUNE-2009

Scott Wilson India Private Limited
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MITHUNUS ROAD
NEW DELHI - 110044
Tel: (011) 41679340 - 49
Fax: (011) 41679350
E-mail: scottwilson@gmail.com

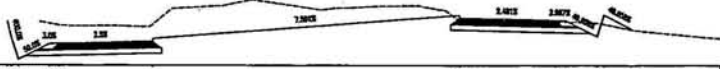




Level Datum +61.000

Design Levels	62.00	61.25	60.50	59.75	59.00	58.25	57.50	56.75	56.00	55.25	54.50	53.75	53.00	52.25	51.50	50.75	50.00
Design Offset																	
Existing Ground Levels	63.80	63.30	62.80	62.30	61.80	61.30	60.80	60.30	59.80	59.30	58.80	58.30	57.80	57.30	56.80	56.30	55.80
Existing Ground Offset																	

Chainage = 20150.000



Level Datum +62.000

Design Levels	63.00	62.25	61.50	60.75	60.00	59.25	58.50	57.75	57.00	56.25	55.50	54.75	54.00	53.25	52.50	51.75	51.00
Design Offset																	
Existing Ground Levels	64.80	64.30	63.80	63.30	62.80	62.30	61.80	61.30	60.80	60.30	59.80	59.30	58.80	58.30	57.80	57.30	56.80
Existing Ground Offset																	

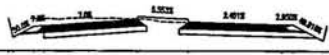
Chainage = 20200.000



Level Datum +63.000

Design Levels	64.00	63.25	62.50	61.75	61.00	60.25	59.50	58.75	58.00	57.25	56.50	55.75	55.00	54.25	53.50	52.75	52.00
Design Offset																	
Existing Ground Levels	65.80	65.30	64.80	64.30	63.80	63.30	62.80	62.30	61.80	61.30	60.80	60.30	59.80	59.30	58.80	58.30	57.80
Existing Ground Offset																	

Chainage = 20250.000



Level Datum +62.000

Design Levels	62.00	61.25	60.50	59.75	59.00	58.25	57.50	56.75	56.00	55.25	54.50	53.75	53.00	52.25	51.50	50.75	50.00
Design Offset																	
Existing Ground Levels	63.80	63.30	62.80	62.30	61.80	61.30	60.80	60.30	59.80	59.30	58.80	58.30	57.80	57.30	56.80	56.30	55.80
Existing Ground Offset																	

Chainage = 20300.000

Note:-- Levels shown are self assumed datum.

Project Title
Consulting services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided. Corridor configuration of Jammu - Udhampur section of NH-1-A (Km 0.0 to Km 85.00) including Jammu (Part) Bypass and Udhampur Bypass Phase - III Programme of North - South - corridors Project. Contract Package C-4618

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Drawing Title: CROSS SECTIONS CH. 20150.000 TO 20300.000
Drawing No.: SW/1018/ROADS/CS - 15
Scale: - NOT TO BE SCALED
Date: JUNE-2009

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NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Consultancy services for preparation of detailed project report for
Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway
Configuration of Jammu-Udhampur section of NH-1A (km 0.00 to km 66.00)
Including Jammu (part) Nagrota and Udhampur bypass Phase-III Programme of
North-South-Corridors project, Contract Package C-III/18

DRAFT DETAILED PROJECT REPORT

VOLUME - III DRAWINGS

Part -II (Road Cross Sections)

Main Road (Ch. 9400.000 - Ch. 52370.000)



June-2009





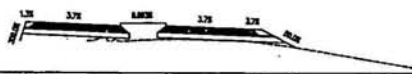
Level Datum +202.000	
Design Levels	202.000 202.000 202.000 202.000 202.000 202.000 202.000 202.000
Design Offset	-0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
Existing Ground Levels	201.990 201.980 201.970 201.960 201.950 201.940 201.930 201.920
Existing Ground Offset	-0.010 -0.020 -0.030 -0.040 -0.050 -0.060 -0.070 -0.080

Chiragga = 9400.000



Level Datum +202.000	
Design Levels	202.000 202.000 202.000 202.000 202.000 202.000 202.000 202.000
Design Offset	-0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
Existing Ground Levels	201.990 201.980 201.970 201.960 201.950 201.940 201.930 201.920
Existing Ground Offset	-0.010 -0.020 -0.030 -0.040 -0.050 -0.060 -0.070 -0.080

Chiragga = 9600.000



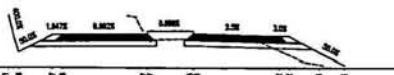
Level Datum +201.000	
Design Levels	201.000 201.000 201.000 201.000 201.000 201.000 201.000 201.000
Design Offset	-0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
Existing Ground Levels	200.990 200.980 200.970 200.960 200.950 200.940 200.930 200.920
Existing Ground Offset	-0.010 -0.020 -0.030 -0.040 -0.050 -0.060 -0.070 -0.080

Chiragga = 9450.000



Level Datum +201.000	
Design Levels	201.000 201.000 201.000 201.000 201.000 201.000 201.000 201.000
Design Offset	-0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
Existing Ground Levels	200.990 200.980 200.970 200.960 200.950 200.940 200.930 200.920
Existing Ground Offset	-0.010 -0.020 -0.030 -0.040 -0.050 -0.060 -0.070 -0.080

Chiragga = 9650.000



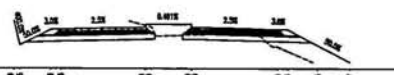
Level Datum +202.000	
Design Levels	202.000 202.000 202.000 202.000 202.000 202.000 202.000 202.000
Design Offset	-0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
Existing Ground Levels	201.990 201.980 201.970 201.960 201.950 201.940 201.930 201.920
Existing Ground Offset	-0.010 -0.020 -0.030 -0.040 -0.050 -0.060 -0.070 -0.080

Chiragga = 9500.000



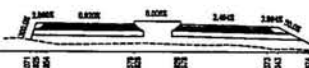
Level Datum +201.000	
Design Levels	201.000 201.000 201.000 201.000 201.000 201.000 201.000 201.000
Design Offset	-0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
Existing Ground Levels	200.990 200.980 200.970 200.960 200.950 200.940 200.930 200.920
Existing Ground Offset	-0.010 -0.020 -0.030 -0.040 -0.050 -0.060 -0.070 -0.080

Chiragga = 9700.000



Level Datum +201.000	
Design Levels	201.000 201.000 201.000 201.000 201.000 201.000 201.000 201.000
Design Offset	-0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
Existing Ground Levels	200.990 200.980 200.970 200.960 200.950 200.940 200.930 200.920
Existing Ground Offset	-0.010 -0.020 -0.030 -0.040 -0.050 -0.060 -0.070 -0.080

Chiragga = 9500.000



Level Datum +202.000	
Design Levels	202.000 202.000 202.000 202.000 202.000 202.000 202.000 202.000
Design Offset	-0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
Existing Ground Levels	201.990 201.980 201.970 201.960 201.950 201.940 201.930 201.920
Existing Ground Offset	-0.010 -0.020 -0.030 -0.040 -0.050 -0.060 -0.070 -0.080

Chiragga = 9750.000



Note:- Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jerru - Uthupur section of NP-1 A (from 0.00 to km 86.00) including Jerru/Part) Nigra and Uthupur Bypass Phase - III Programme of North - South - corridors Project, Contract Package C-8/18

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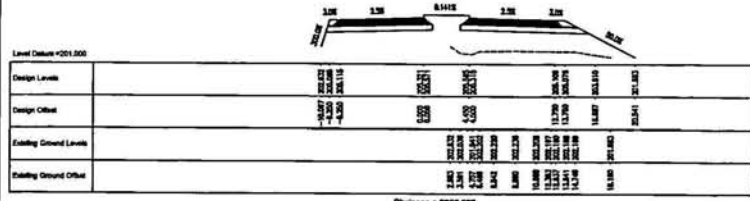
Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
CH. 9400.000 TO 9750.000
Drawing No. : SW/1019/ROADS/CS- 01
Scale :- NOT TO BE SCALED
Dn: K.L.N. Dgn: K.PRASAD Appd: BRG.C.D.PUR Date: JUNE-2009

Scott Wilson India Private Limited
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NEW DELHI - 110044
Tel: (011) 41679340 - 49
Fax: (011) 41679350
E-mail: rands@swi.com

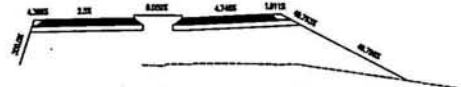


B4



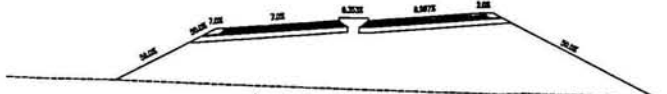
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Design Offset					
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Existing Ground Offset					

Chirage = 9000.000



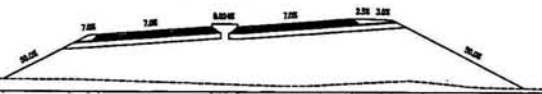
Level Datum +199.000					
Design Levels	199.000	199.000	199.000	199.000	199.000
Design Offset					
Existing Ground Levels	197.500	197.500	197.500	197.500	197.500
Existing Ground Offset					

Chirage = 9650.000



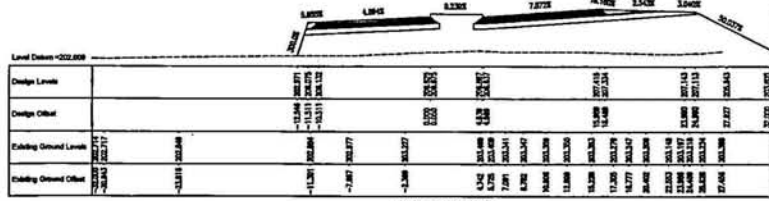
Level Datum +197.000					
Design Levels	197.000	197.000	197.000	197.000	197.000
Design Offset					
Existing Ground Levels	195.500	195.500	195.500	195.500	195.500
Existing Ground Offset					

Chirage = 9000.000



Level Datum +200.000					
Design Levels	200.000	200.000	200.000	200.000	200.000
Design Offset					
Existing Ground Levels	198.500	198.500	198.500	198.500	198.500
Existing Ground Offset					

Chirage = 9650.000



Level Datum +202.000					
Design Levels	202.000	202.000	202.000	202.000	202.000
Design Offset					
Existing Ground Levels	200.500	200.500	200.500	200.500	200.500
Existing Ground Offset					

Chirage = 10000.000



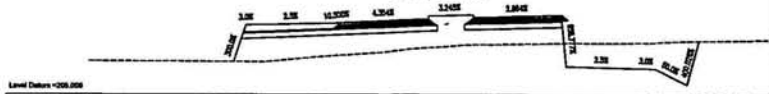
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Design Levels	204.000	204.000	204.000	204.000	204.000
Design Offset					
Existing Ground Levels	202.500	202.500	202.500	202.500	202.500
Existing Ground Offset					

Chirage = 10050.000



Level Datum +206.000					
Design Levels	206.000	206.000	206.000	206.000	206.000
Design Offset					
Existing Ground Levels	204.500	204.500	204.500	204.500	204.500
Existing Ground Offset					

Chirage = 10100.000



Level Datum +208.000					
Design Levels	208.000	208.000	208.000	208.000	208.000
Design Offset					
Existing Ground Levels	206.500	206.500	206.500	206.500	206.500
Existing Ground Offset					

Chirage = 10150.000

Note:-
Levels shown are wet season datum.

Project Title
Consultancy services for preparation of detailed project report for
Redistribution and upgrading of existing 4 lane road to 4 lane double
Carriageway configuration of Jarani - Uthupur section of NH-1-A
(Km 0.00 to Km 0.00) including Jarani/Puri, Nagapuri and Uthupur.
Bypass Phase - III Programme of North-South - corridors Project,
Contract Package C-819

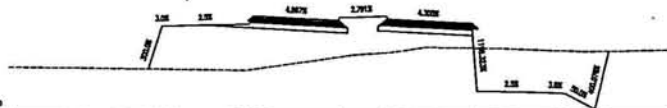
Client
NATIONAL HIGHWAYS
AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title:
CROSS SECTION
CH. 9800.000 TO 10150.000
Drawing No. : SWV1019/ROADS/CS - 02
Scale :- NOT TO BE SCALED
Date : 2.06.2009

Scott, Wilson India Private Limited
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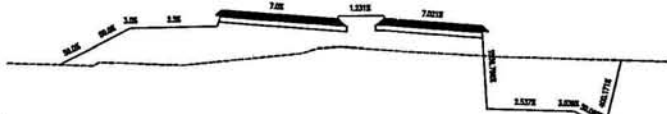


55



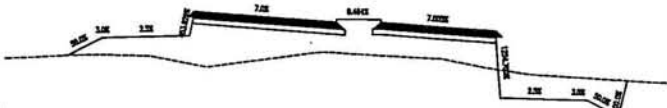
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Design Offset	0.000 0.000 0.000 0.000 0.000 0.000
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Existing Ground Offset	0.000 0.000 0.000 0.000 0.000 0.000

Chirpage = 10200.000



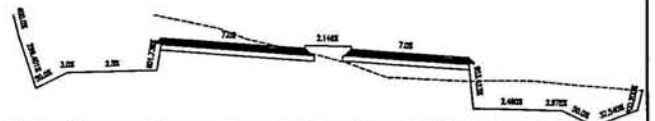
Level Datum +207.200	
Design Levels	113.200 113.267 113.299 113.366 113.400 113.467
Design Offset	0.000 0.000 0.000 0.000 0.000 0.000
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Existing Ground Offset	0.000 0.000 0.000 0.000 0.000 0.000

Chirpage = 10250.000



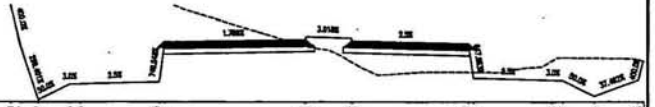
Level Datum +211.000	
Design Levels	114.000 114.067 114.100 114.167 114.200 114.267
Design Offset	0.000 0.000 0.000 0.000 0.000 0.000
Existing Ground Levels	114.015 114.047 114.047 114.079 114.079 114.111
Existing Ground Offset	0.000 0.000 0.000 0.000 0.000 0.000

Chirpage = 10300.000



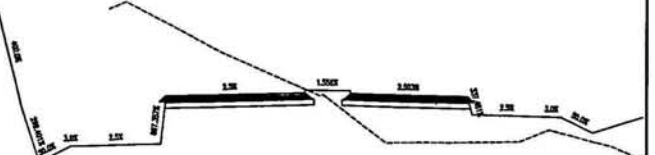
Level Datum +215.000	
Design Levels	115.000 115.067 115.100 115.167 115.200 115.267
Design Offset	0.000 0.000 0.000 0.000 0.000 0.000
Existing Ground Levels	115.015 115.047 115.047 115.079 115.079 115.111
Existing Ground Offset	0.000 0.000 0.000 0.000 0.000 0.000

Chirpage = 10350.000



Level Datum +219.000	
Design Levels	119.000 119.067 119.100 119.167 119.200 119.267
Design Offset	0.000 0.000 0.000 0.000 0.000 0.000
Existing Ground Levels	119.015 119.047 119.047 119.079 119.079 119.111
Existing Ground Offset	0.000 0.000 0.000 0.000 0.000 0.000

Chirpage = 10400.000



Level Datum +220.000	
Design Levels	120.000 120.067 120.100 120.167 120.200 120.267
Design Offset	0.000 0.000 0.000 0.000 0.000 0.000
Existing Ground Levels	120.015 120.047 120.047 120.079 120.079 120.111
Existing Ground Offset	0.000 0.000 0.000 0.000 0.000 0.000

Chirpage = 10450.000

Note:- Levels shown are not assumed datum.

Project Title
 Consulting services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided. Corridorway configuration of Jammu - Udhampur section of NH-1A (Km 6.00 to Km 66.00) including Jammu/Part Nagrota and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-1918

Scale
 20mm = 1m. The drawing is for reference only. It is not to be used for construction. It is not to be used for any other purpose without the written permission of the Engineer-in-Charge.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
 CH. 10200.000 TO 10450.000
Drawing No.: SW/1019/ROADS/CS - 03
Scale: 1:1000
Date: JUNE-2009
Appd: BRG.C.D.PURI
Drawn by: K.L.N.
Checked by: K.P.RASAD

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 Fax: (011) 41679350
 E-mail: info@swindia.com





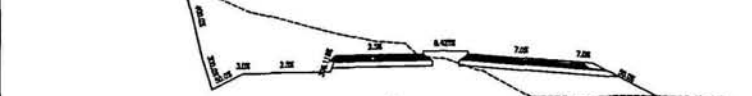
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Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chraige = 11000.000



Level Datum +208.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chraige = 11050.000



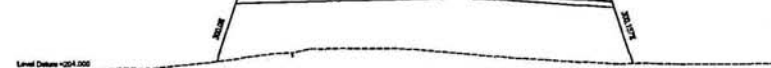
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Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chraige = 11100.000



Level Datum +208.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chraige = 11150.000



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Existing Ground Offset										

Chraige = 11200.000



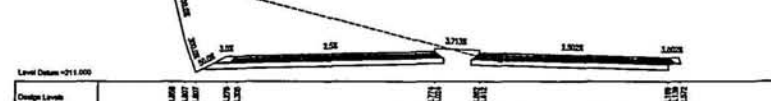
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Existing Ground Offset										

Chraige = 11250.000



Level Datum +210.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chraige = 11300.000



Level Datum +211.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chraige = 11350.000

Notes:-

Levels shown are set assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane SH-60. Contemporary comparison of Jarra - Udhampur section of NH-1 A. (In 5.00 to km 05.00) including Jarra/Parl Harpur and Udhampur Bypass Phase - II Programme of North - South - western Region, Central Package Cell-8.

Client

NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title:

CROSS SECTION
 CH. 11100.000 TO 11350.000

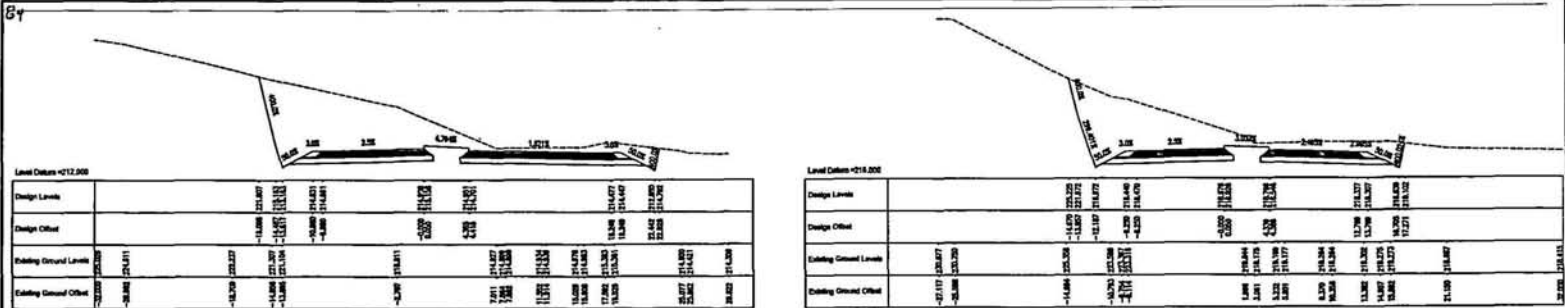
Drawing No. : SW/1019/ROADS/CS - 06

Scale :- NOT TO BE SCALED

Drn K.L.N Dgn. K.PRASAD Appd. BRG.C.D.PURE Date JUNE-2009

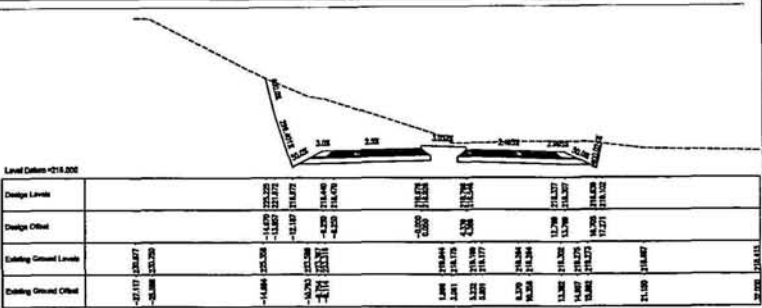
Wilson India Private Limited
 4-29/4 JAGAN CO-OPERATIVE IND. ESTATE
 WESTBURY ROAD
 NEW DELHI - 110044
 Tel: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: wiprd@wiprd.com





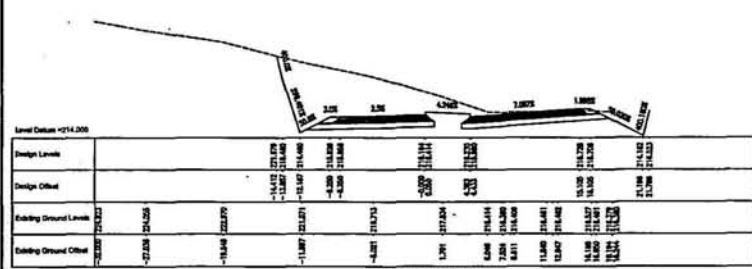
Level Datum +212.000			
Design Levels			
Design Offset			
Existing Ground Levels			
Existing Ground Offset			

Chaiirage = 11400.000



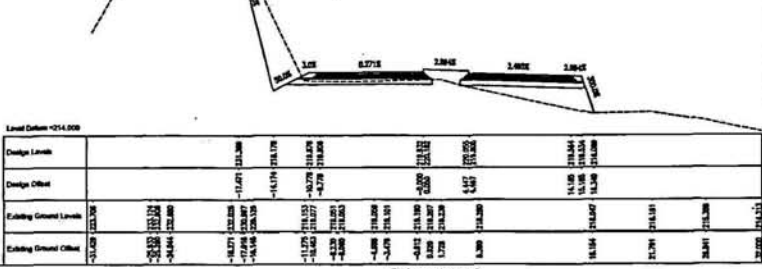
Level Datum +215.000			
Design Levels			
Design Offset			
Existing Ground Levels			
Existing Ground Offset			

Chaiirage = 11550.000



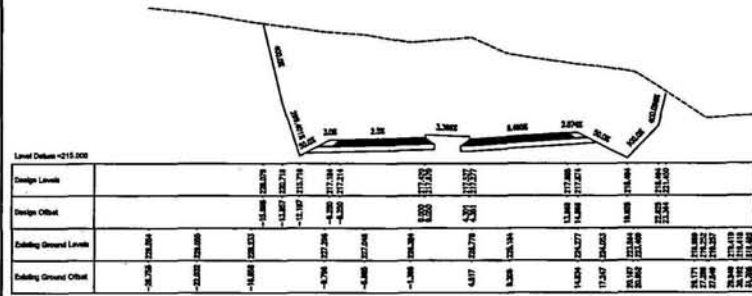
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Design Levels			
Design Offset			
Existing Ground Levels			
Existing Ground Offset			

Chaiirage = 11450.000



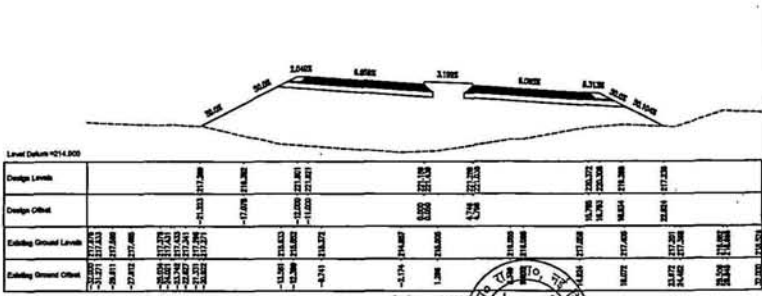
Level Datum +214.000			
Design Levels			
Design Offset			
Existing Ground Levels			
Existing Ground Offset			

Chaiirage = 11500.000



Level Datum +215.000			
Design Levels			
Design Offset			
Existing Ground Levels			
Existing Ground Offset			

Chaiirage = 11500.000



Level Datum +214.000			
Design Levels			
Design Offset			
Existing Ground Levels			
Existing Ground Offset			

Chaiirage = 11500.000

Note:- Levels shown are not assumed details.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur road of NH-1A. (Km 0.00 to Km 88.00) including Jammu/Part) Nagda and Udhampur Bypass Phase - II Programme of Work - South - Toll-free Project, Contract Package C/018.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

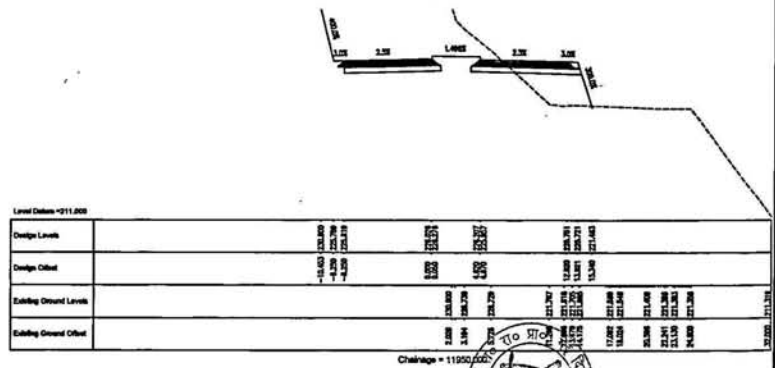
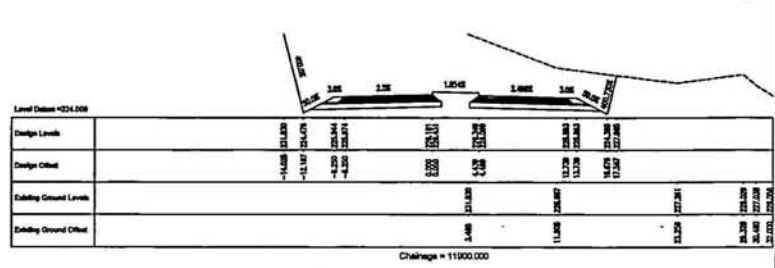
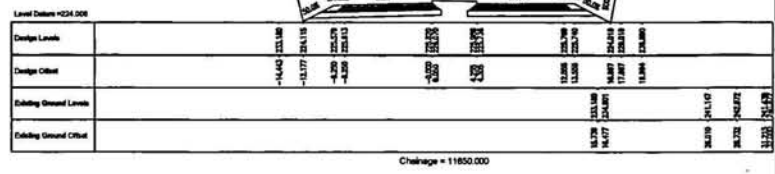
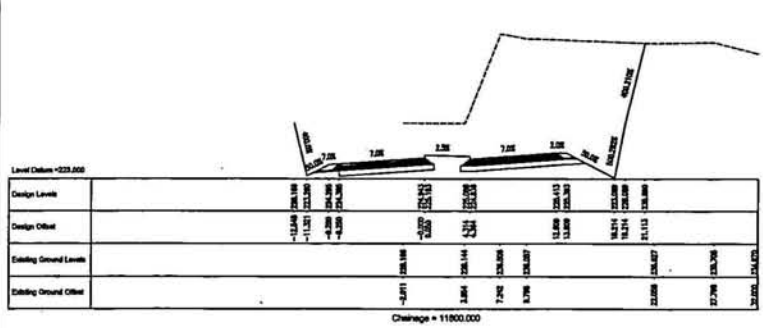
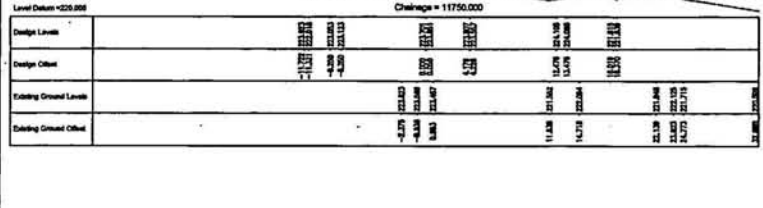
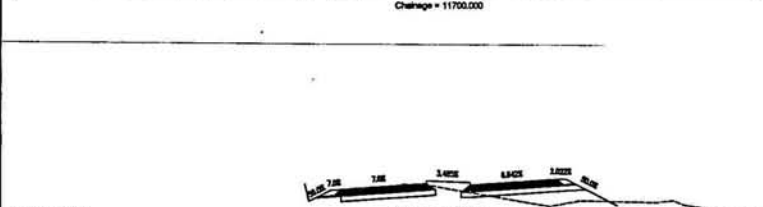
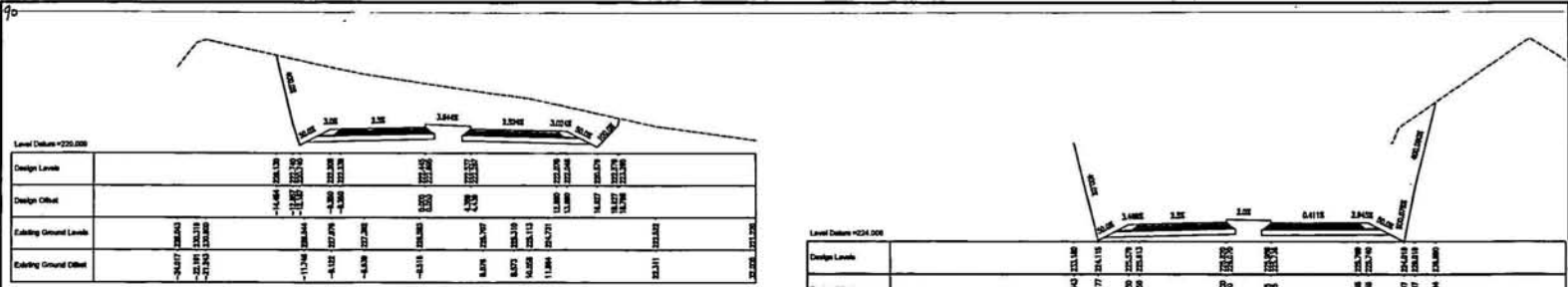
Drawing Title:
CROSS SECTION
CH. 11400.000 TO 11650.000

Drawing No.: **SW/1019/ROADS/CS-07**

Scale: **1" = NOT TO BE SCALED**

Dwn	Dgn.	Appd	Date
KLN	K.PRASAD	BRG.C.D.PUR	JUNE-2009

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NEW DELHI - 110044
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Fax: (011) 41679350
E-mail: info@swi.co.in



Note:- Levels shown are not assumed dates.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided carriageway condition of Jammu - Udhampur section of NH-1A (from 0.00 to km 06.00) including Jammu(Ur) Bypass and Udhampur Bypass Phase - II Programme of North - South corridor Project, Contract Package C-018

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title:
 CROSS SECTION
 CH. 11700.000 TO 11950.000

Drawing No. : SW/1019/ROADS/CS - 08

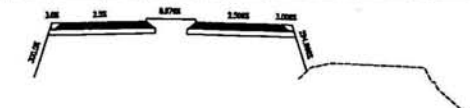
Scale :- NOT TO BE SCALED

Drawn by: K.L.N
 Checked by: K.PRASAD
 Approved by: BRG.C.D.PUR
 Date: JUNE-2009

Scott Wilson India Private Limited
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 MATARWADI ROAD,
 NEW DELHI - 110044
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 E-mail : sgi@scwipl.com



91



Level Datum +215.000					
Design Levels					
Design Offset	-13.822	222.191			
Existing Ground Levels	-13.822	222.191			
Existing Ground Offset					

Chirriage = 12000.000



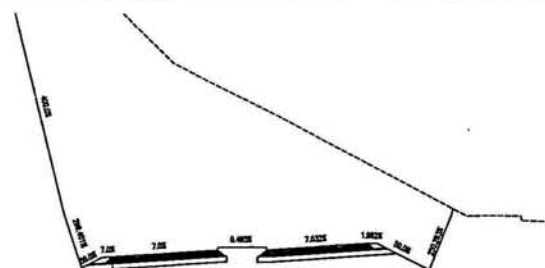
Level Datum +222.000					
Design Levels					
Design Offset	-13.817	222.682			
Existing Ground Levels	-13.817	222.682			
Existing Ground Offset					

Chirriage = 12000.000



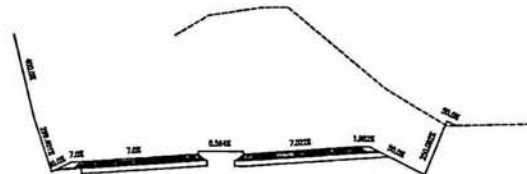
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Design Levels					
Design Offset	-13.817	222.682			
Existing Ground Levels	-13.817	222.682			
Existing Ground Offset					

Chirriage = 12100.000



Level Datum +218.000					
Design Levels					
Design Offset	-13.822	222.191			
Existing Ground Levels	-13.822	222.191			
Existing Ground Offset					

Chirriage = 12150.000



Level Datum +218.000					
Design Levels					
Design Offset	-13.822	222.191			
Existing Ground Levels	-13.822	222.191			
Existing Ground Offset					

Chirriage = 12200.000



Level Datum +212.000					
Design Levels					
Design Offset	-13.822	222.191			
Existing Ground Levels	-13.822	222.191			
Existing Ground Offset					

Chirriage = 12250.000

Notes:-
Levels shown are self assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Lishapur section of NH-1 A (km 0.00 to km 86.00) including Jammu/Parit Nagrota and Lishapur Bypass Phase - II Progress of North - South - corridor Project, Contract Package C-5218

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
CH. 12000.000 TO 12250.000
Drawing No.: SW/1019/ROADS/CS - 09
Scale: NOT TO BE SCALED
Drn: K.L.N
Dgn: K.PRASAD
Appd: SRG/C.D.PURI
Date: JUNE-2009

Scott Wilson India Private Limited
A-26/4, ANAND C-1 OPERATIVE IND. ESTATE
WATSON ROAD
NEW DELHI - 110044
Ph: (011) 41679340 - 49
Fax: (011) 41679350
E-mail: scottwilson@scottwilson.com

SCOTT WILSON
INDIA PRIVATE LIMITED
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NEW DELHI - 110044
Ph: (011) 41679340 - 49
Fax: (011) 41679350
E-mail: scottwilson@scottwilson.com



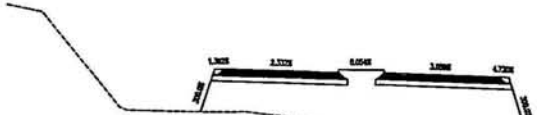
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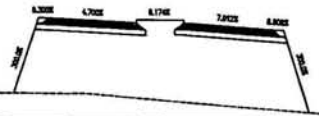
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Chirriage = 12500.000



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Existing Ground Offset	

Chirriage = 12500.000



Level Datum +207.000	
Design Levels	
Design Offset	
Existing Ground Levels	
Existing Ground Offset	

Chirriage = 12400.000



Level Datum +208.000	
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Existing Ground Offset	

Chirriage = 12550.000

Note:- Levels shown are set assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carrieway configuration of Jammu - Udhampur section of NH 1 A (from 8.00 to 166.00) including Jammu/Part Nagrota and Udhampur Bypass Phase - II Programme of North - South - corridors Project, Central Package -II/11

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title:
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 CH. 12300.000 TO 12550.000

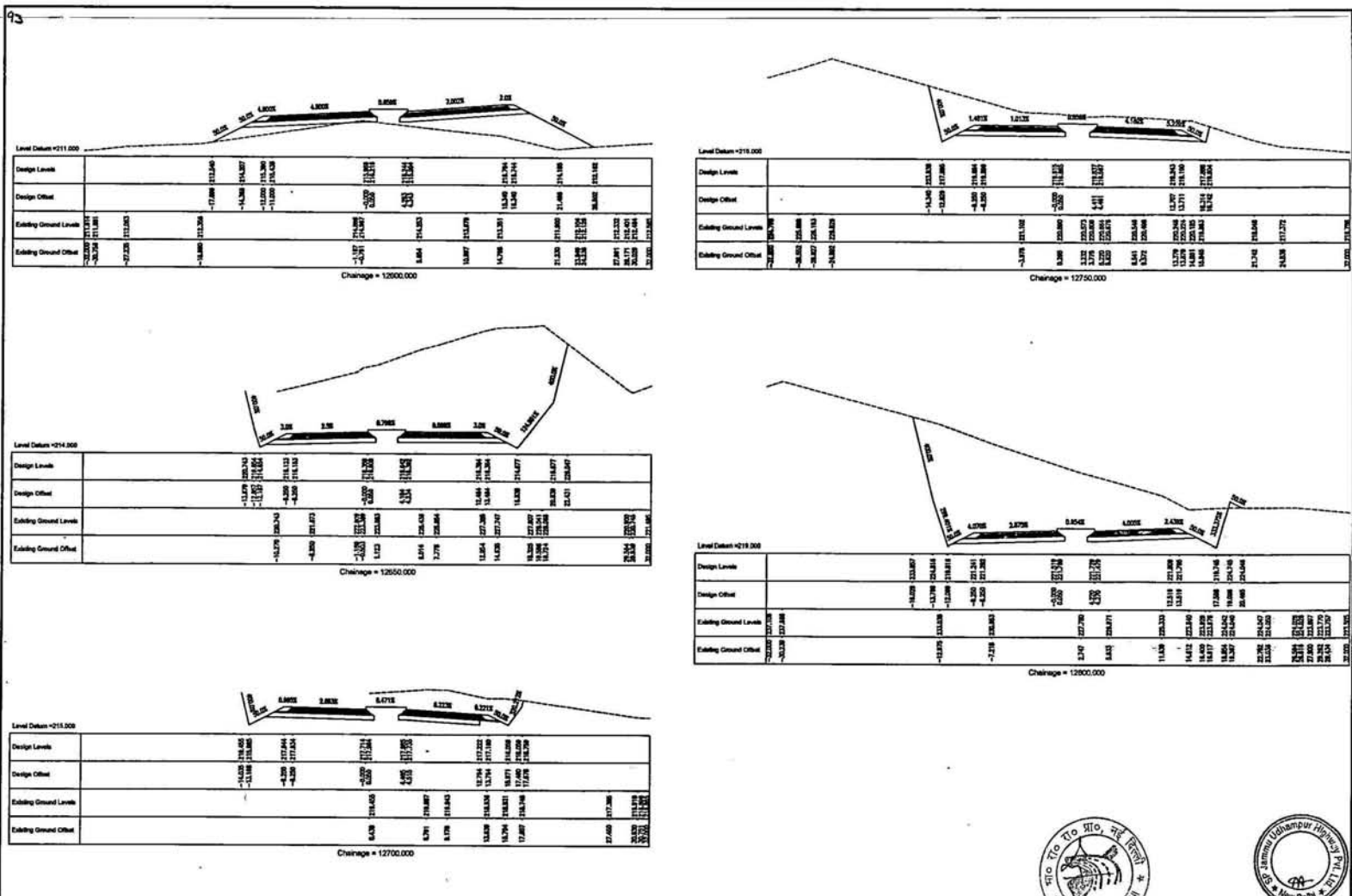
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Scale :- NOT TO BE SCALED

Dtn K.L.N Dgn. K.P.RASAD Appd. BRG.C.D.PUR Date JUNE-2009

South Wilson India Private Limited
 A-78/4 MOHAN CO-OPERATIVE IND. ESTATE
 WAZIRPUR ROAD
 NEW DELHI - 110044
 Fax: (011) 41879340 - 49
 Fax: (011) 41879350
 E-mail: swi@swindia.com





Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (from 8.00 to km 68.00) including Jammu/Part Highrate and Udhampur Bypass Phase - III Programme of North - South - corridor Project, Contract Package C-8/18

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 12600.000 TO 12800.000

Drawing No.: SW/1019/ROADS/CS - 11

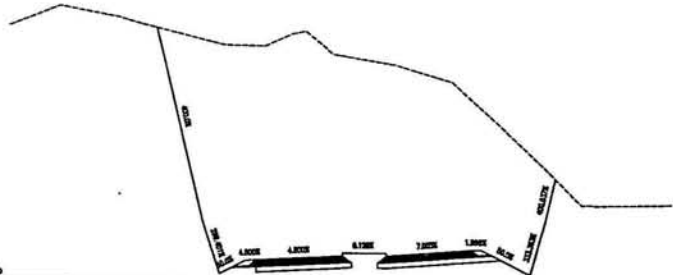
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Drawn: K.L.N. **Dgn.:** K.PRASAD **Appd:** BRIG.C.D.PUR **Date:** JUNE-2009

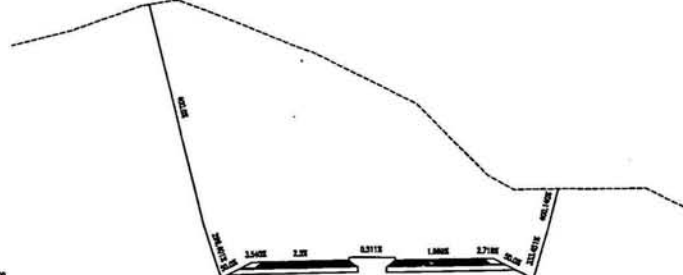
Scott Wilson India Private Limited
 A-26/4, MOHAN CO-OPERATIVE IND. ESTATE
 MATHURA ROAD
 NEW DELHI - 110044
 Tel: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: rwpdsc@swi.com





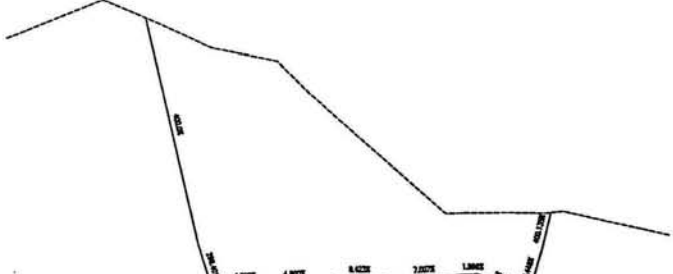
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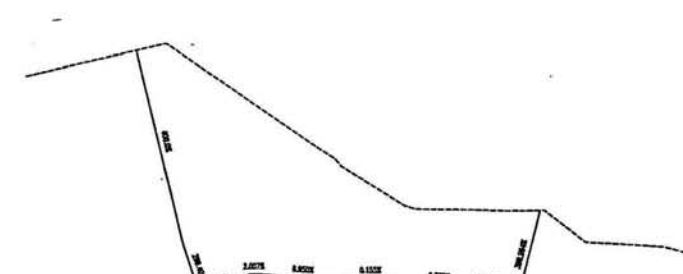
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Existing Ground Offset	-7.800 7.800

Chirpage = 12000.000



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Design Offset	-11.000 11.000
Existing Ground Levels	3.2000 4.5000 5.8000 6.7000 1.5000 22.0000 22.2000
Existing Ground Offset	-7.800 7.800

Chirpage = 12000.000



Level Datum +223.000	
Design Levels	3.5000 4.8000 6.1000 7.0000 1.8000 22.3000 22.5000
Design Offset	-11.000 11.000
Existing Ground Levels	3.2000 4.5000 5.8000 6.7000 1.5000 22.0000 22.2000
Existing Ground Offset	-7.800 7.800

Chirpage = 13000.000

Note:- Levels shown are wet assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided Carriageway configuration of Jamnui - Utharpur section of NH-1-A (from 0.00 to km 58.00) including Jamnui(Pur) Bypass and Utharpur Bypass Phase - II Programme of North - South - western Project, Contract Package C-0916

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NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title:
 CROSS SECTION
 CH. 12850.000 TO 13000.000

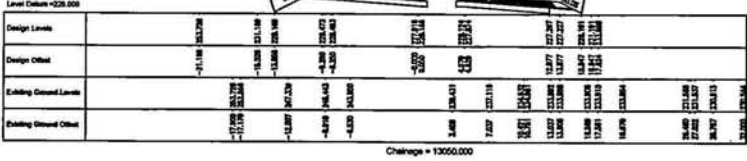
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Scale :- NOT TO BE SCALED

Dr. K.L.N. Dgn. K.PRASAD Appd. BRG.C.D.PUR Date JUNE-2009

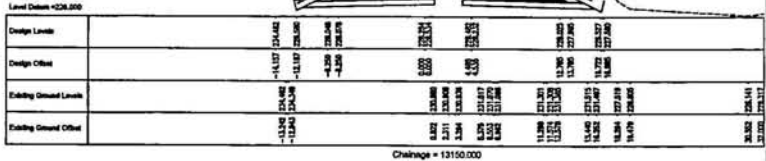
Scott Wilson India Private Limited
 K-28/4, MOHAN CO-OPERATIVE HO. ESTATE
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 NEW DELHI - 110044
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 Fax: (011) 41679350
 E-mail: swindia@rediffmail.com





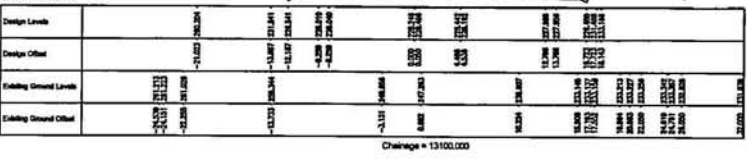
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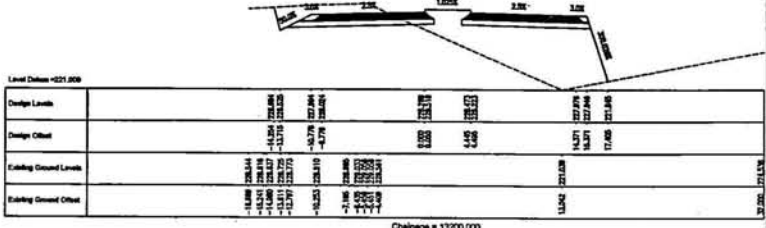
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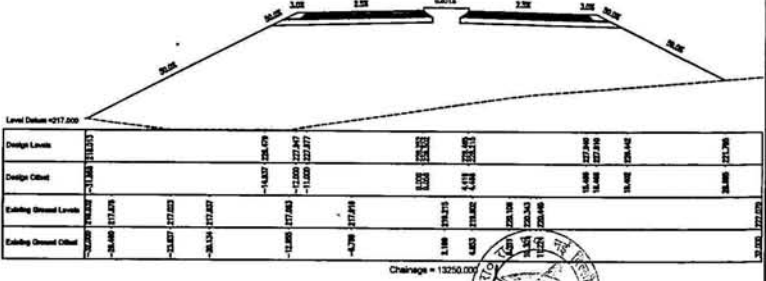
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Chaihrage = 13100.000



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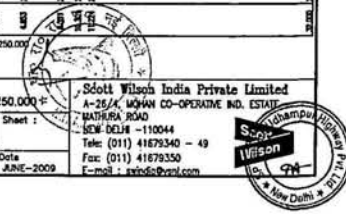
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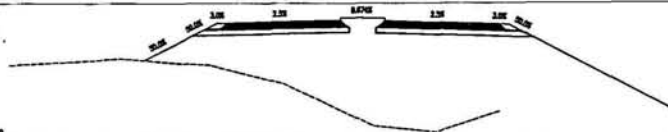
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Chaihrage = 13250.000

<p>Note:- Levels shown are assumed datum.</p>	<p>Project Title Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Utharpur section of NH-1A (from 8.00 to 10.00) including Jammu/Parg. Negrate and Utharpur Bypass Phase - III Programme of North - South - corridors Project. Contract Package C-4918</p>	<p>This drawing is the property of SCOTBY WILSON INDIA PRIVATE LIMITED and shall not be used for any other project without the written consent of SCOTBY WILSON INDIA PRIVATE LIMITED. The user of this drawing shall be held liable for any errors and omissions and for any consequences arising therefrom.</p>	<p>Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)</p>	<p>Drawing Title: CROSS SECTION CH. 13050.000 TO 13250.000 Scale :- NOT TO BE SCALED Date JUNE-2009</p>	<p>Sheet: SCOTT WILSON INDIA PRIVATE LIMITED A-26/A, WYAN CO-OPERATIVE IND. ESTATE MATHURA ROAD NEW DELHI - 110044 Tele: (011) 41679340 - 49 Fax: (011) 41679350 E-mail: info@swiip.com</p>
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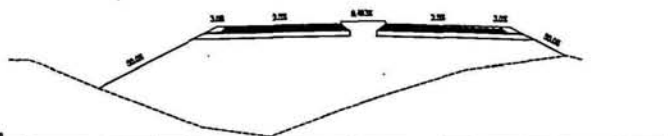
96



Level Datum +217.000

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Chairsage = 13300.000



Level Datum +217.000

Design Levels																				
Design Offset																				
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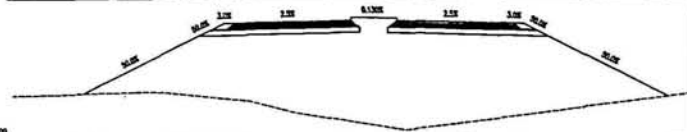
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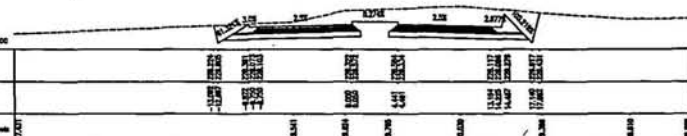
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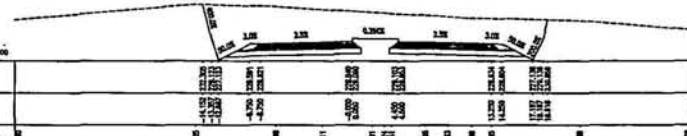
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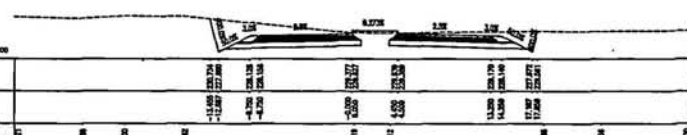
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Level Datum +227.000

Design Levels																				
Design Offset																				
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Existing Ground Offset																				

Chairsage = 13550.000



Level Datum +227.000

Design Levels																				
Design Offset																				
Existing Ground Levels																				
Existing Ground Offset																				

Chairsage = 13600.000

Note:- Levels shown are set assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jaunpur - Udhampur section of NH-11 A (Km 8.00 to km 98.00) including Jaunpur/Part Nagrova and Udhampur Bypass Phase - III Programme of North - South - corridor Project, Contract Package C-1818

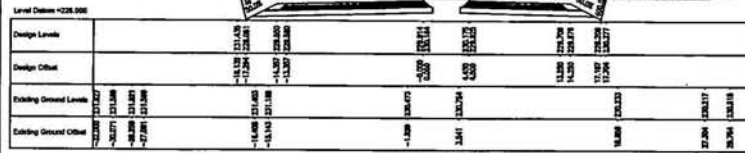
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 (Ministry of Shipping, Road Transport & Highways)

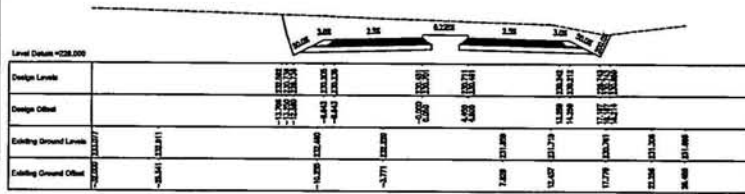
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 Dwn: K.L.N. Dgn: K.PRASAD Appd: SROG.C.D.PUR Date: JUNE-2009

Scott Wilson, India Private Limited
 A-28/A, MCHAW CO-OPERATIVE IND. ESTATE
 MATHERA ROAD
 NEW DELHI - 110044
 Tele: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: prind@swi.com

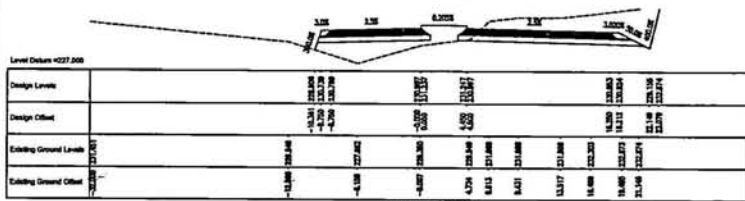




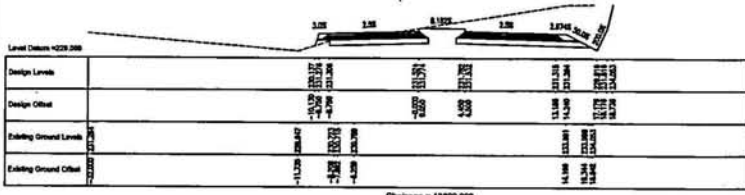
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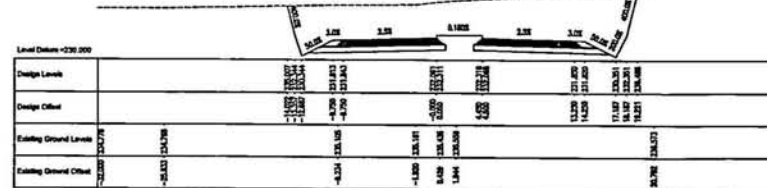
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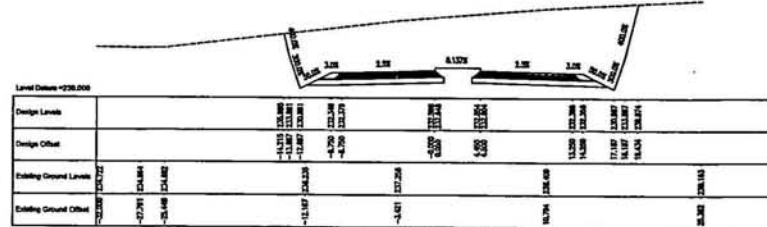
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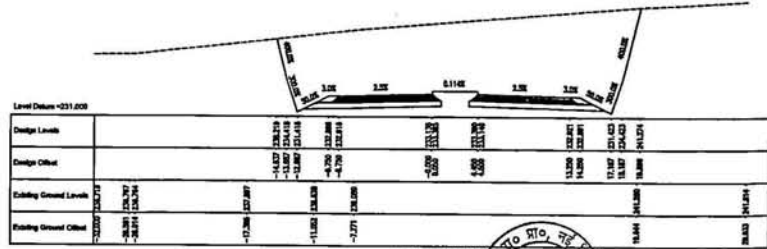
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Chiragha = 13650.000



Chiragha = 13600.000



Chiragha = 13950.000

Note:- Levels shown are set assumed datum.

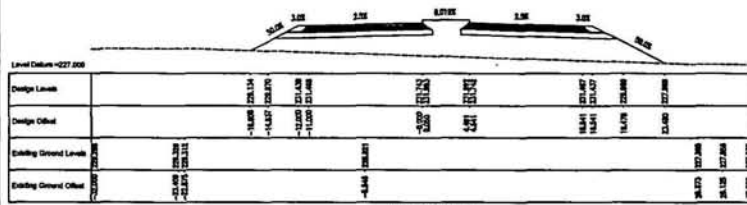
Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (from 0.00 to km 86.00) including Jammu/Parl Nagrota and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-0918

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
 CH. 13650.000 TO 13950.000
Drawing No.: SW/1019/ROADS/CS-15
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Date: K.L.N
Dgn.: K.PRASAD
Appd: BRIG.C.D.PURI
Date: JUNE-2009

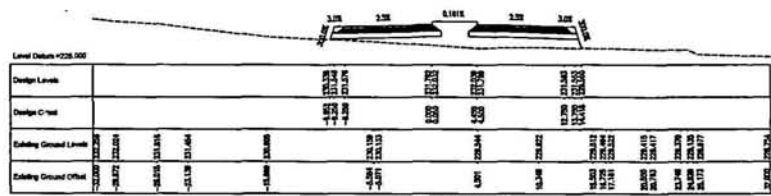
Scott Wilson India Private Limited
 A-26/4, MOHAN CO-OPERATIVE RD. ESTATE
 MADHURA ROAD
 NEW DELHI - 110044
 Tele: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: svindia@gmail.com





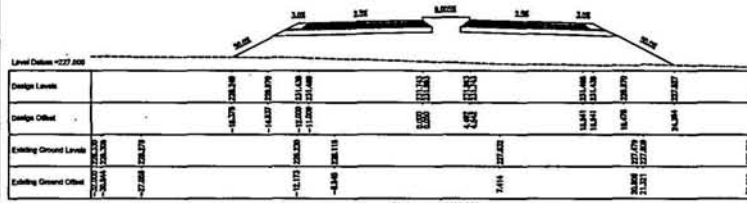
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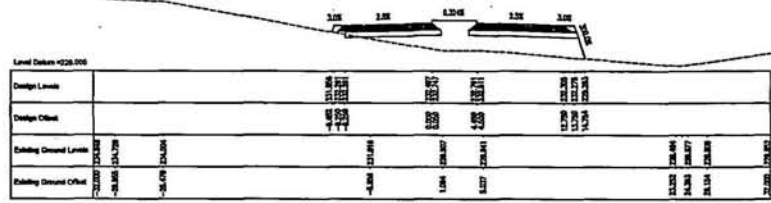
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Chirgahe = 14350.000



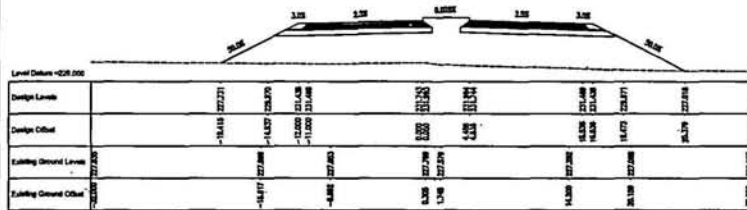
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Chirgahe = 14400.000



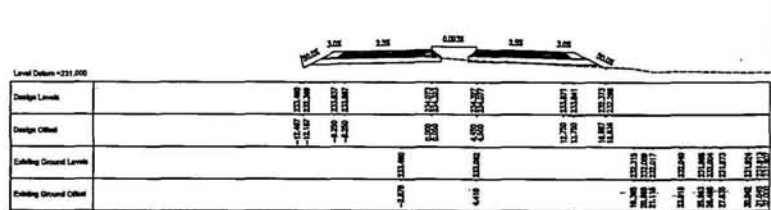
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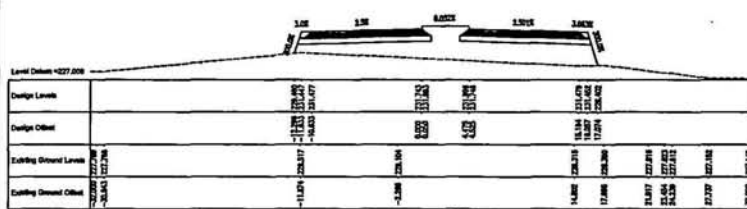
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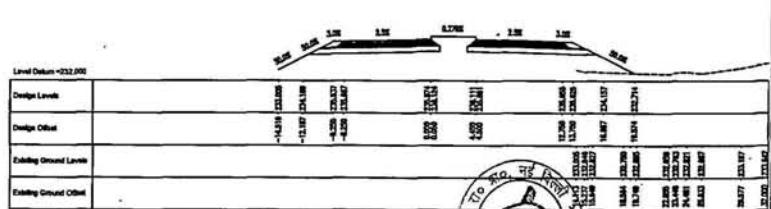
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Chirgahe = 14600.000



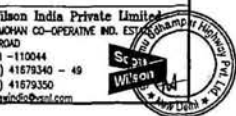
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Chirgahe = 14500.000



Level Datum +232.000										
Design Levels										
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Existing Ground Offset										

Chirgahe = 14700.000



Note:-

Levels shown are not assumed datum.

Project Title
 Consulting services for preparation of detailed project report for
 Rehabilitation and upgrading of existing 7-lane road to 6-lane divided
 carriageway configuration of Jamna - Uthampur section of NH-1 A
 from 0.00 to km 98.00 including Jamnarpur, Nagra and Uthampur
 bypass Phase - II Programme of North - South corridor Project,
 Contract Package C-1018

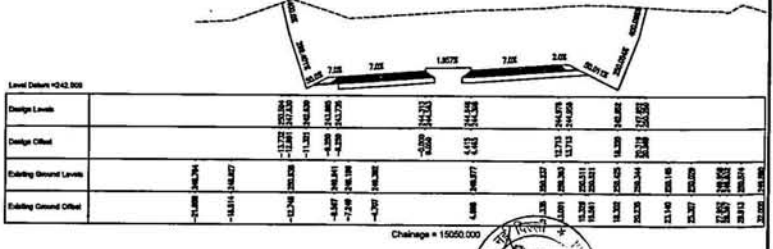
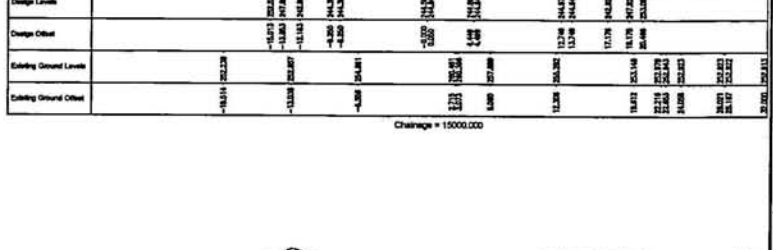
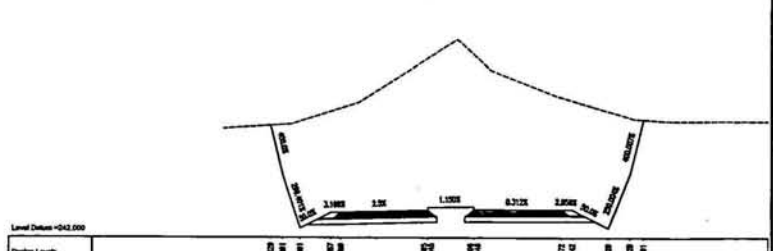
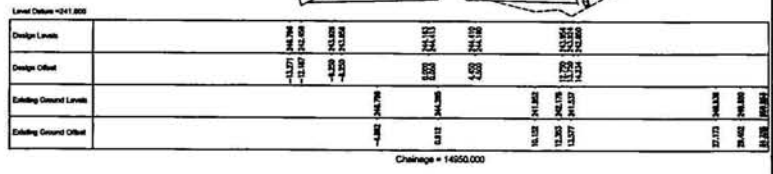
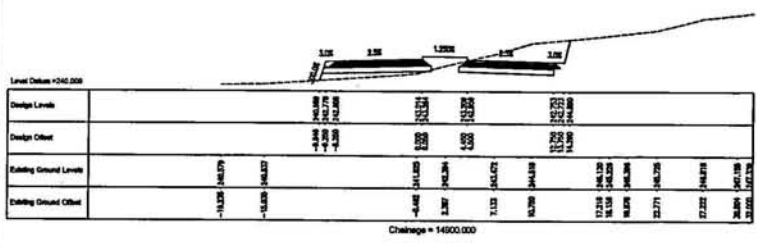
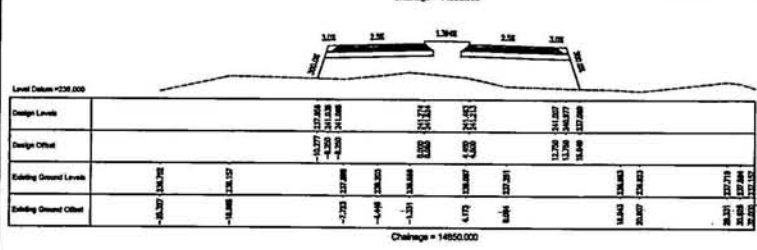
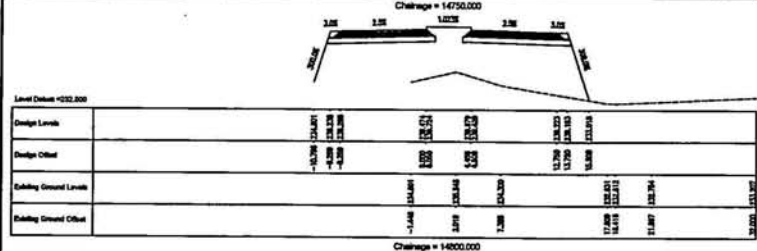
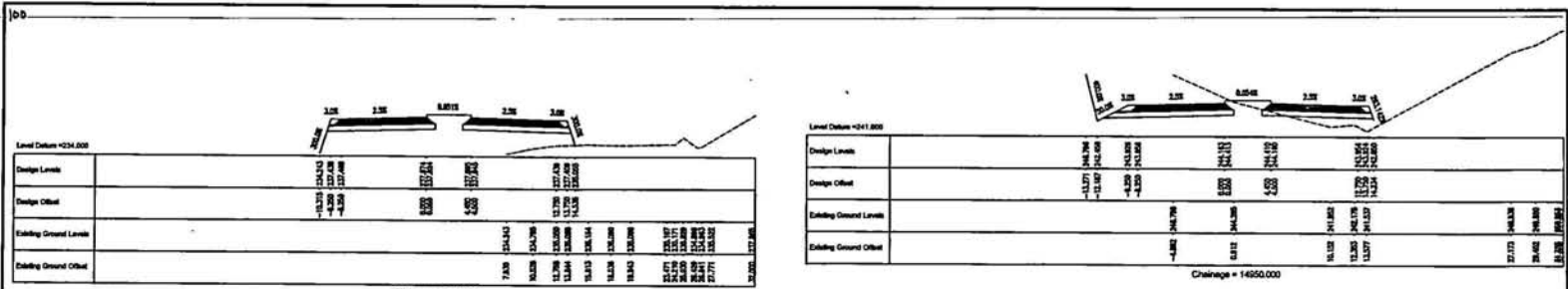
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Drawing Title:
 CROSS SECTION
 CH. 14350.000 TO 14700.000
 Scale :- NOT TO BE SCALED
 Drawing No. : SW/1019/ROADSCS - 17
 Date : JUNE-2009

Sheet :
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 Tel: (011) 41679340 - 49
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 E-mail: info@nhai.org





Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1 A (km 0.00 to km 66.00) including Jammu/Parv Negruva and Udhampur Bypass Phase - II Programme of North-South corridors Project, Contract Package C-0118

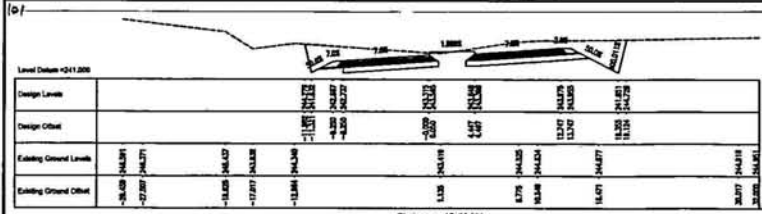
This document is the property of SCITY/MSRDC/Jammu/Parv Negruva and shall not be used for any other project or work without the written consent of the Engineer in Charge, Jammu/Parv Negruva and Udhampur Bypass Phase - II Programme of North-South corridors Project, Contract Package C-0118.

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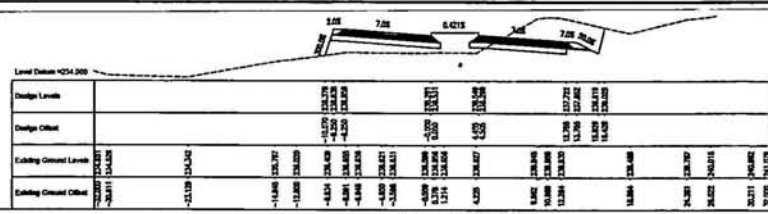
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 CH. 14750.000 TO 15050.000
Drawing No.: SW/1019/ROADS/C/S - 18
 Scale: - NOT TO BE SCALED
 Dn: K.L.N. Dgn: K.PRASAD Appd: BHO.C.D.PURN Date: JUNE-2009

Scott Wilson India Private Limited
 A-26/4, MOHAN CO-OPERATIVE IND. ESTATE
 MATHERA ROAD
 NEW DELHI - 110044
 Tel: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: swindia@gmail.com

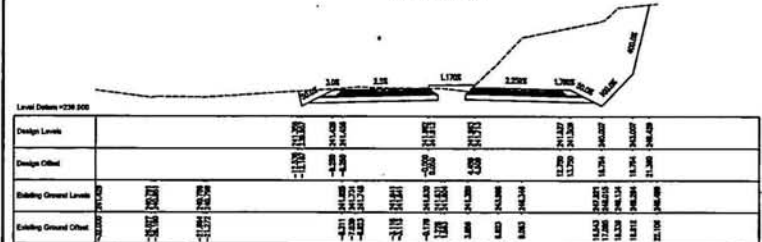




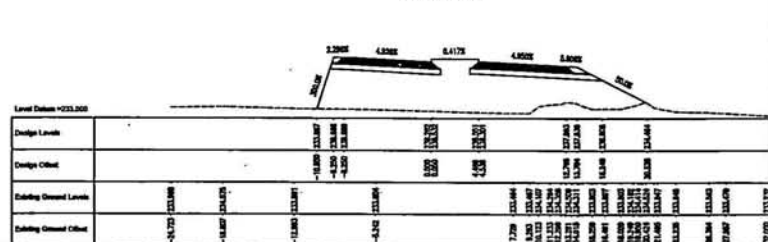
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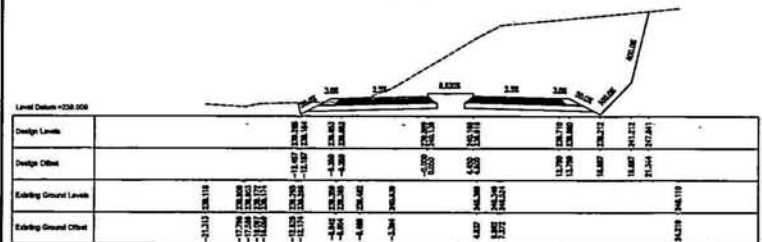
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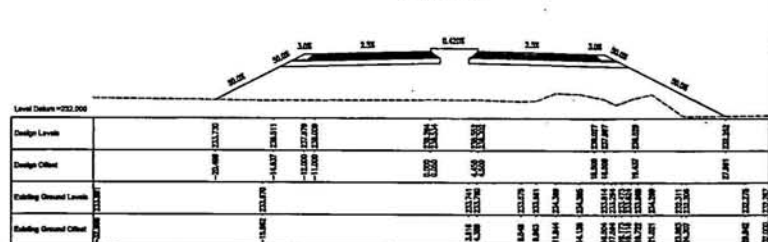
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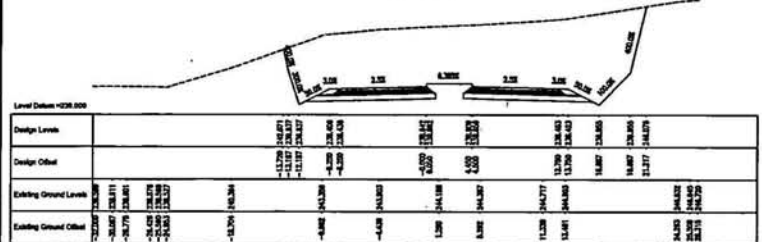
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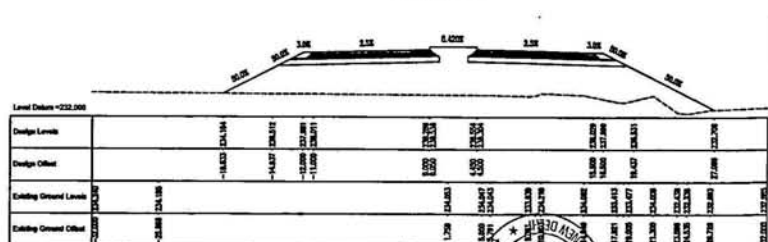
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Chiragap = 15400.000



Chiragap = 15250.000



Chiragap = 15450.000

Note:- Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jamna - Uthwarpur section of NH-11 A (from 0.00 to km 88.00) including Jamna (Pur) Bypass and Uthwarpur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-2016

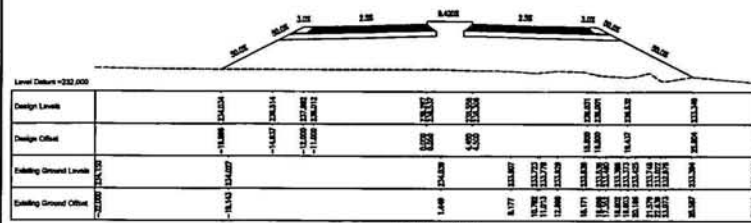
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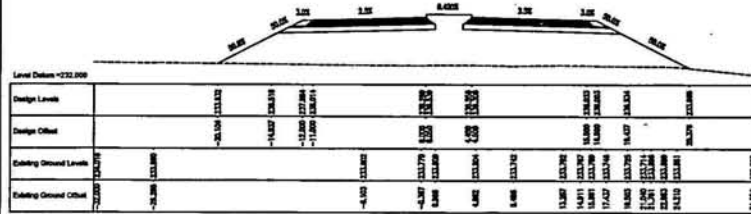
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CH. 15100.000 TO 15450.000
Drawing No.: SW/1019/ROADS/CS - 19
Scale: - NOT TO BE SCALED
Dn: K.L.N. Dgn: K.PRASAD Appd: BRW.A.U.PURI Date: JUNE-2009

Scott Wilson India Private Limited
236/4, MOHAN CO-OPERATIVE HO. ESTD. 1958, ROAD NO. 22/19 - 110044
Tel: (011) 41679340 - 49
Fax: (011) 41679350
E-mail: swind@swind.com

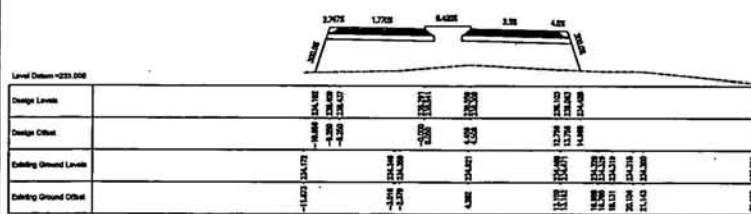




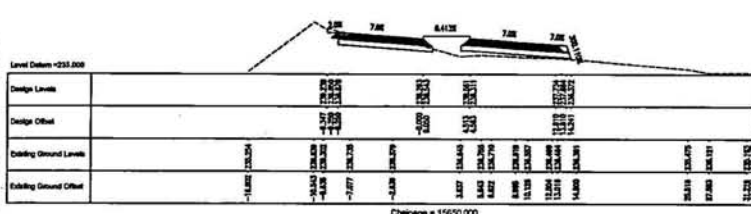
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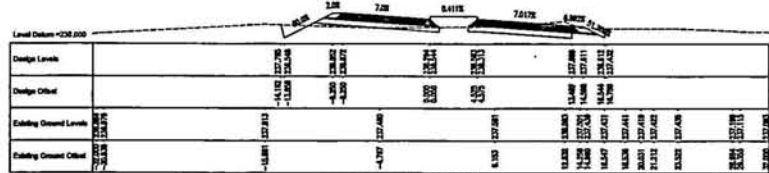
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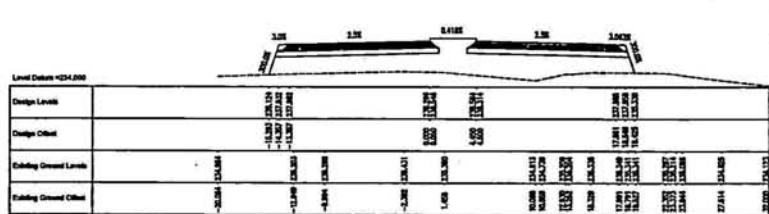
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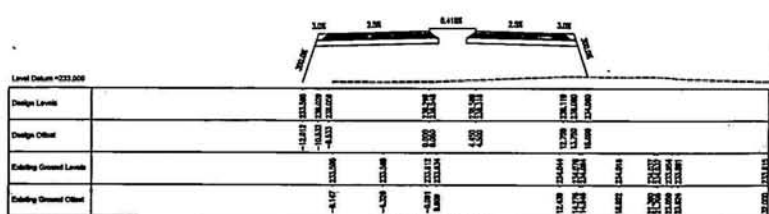
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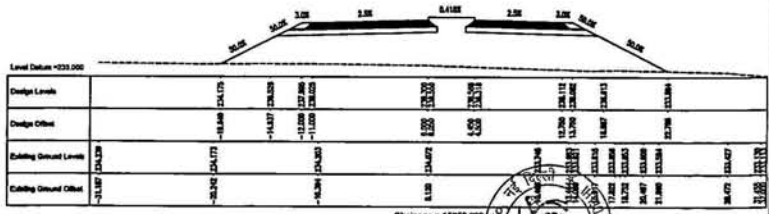
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Chaiage = 15750.000



Chaiage = 15800.000



Chaiage = 15850.000

Note:- Levels shown are wet assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1A from 0.00 to km 68.00) including Jammu(Utd) Nagrota and Udhampur Bypass Phase - III Programme of work - South - contract Project, Contract Package C-894

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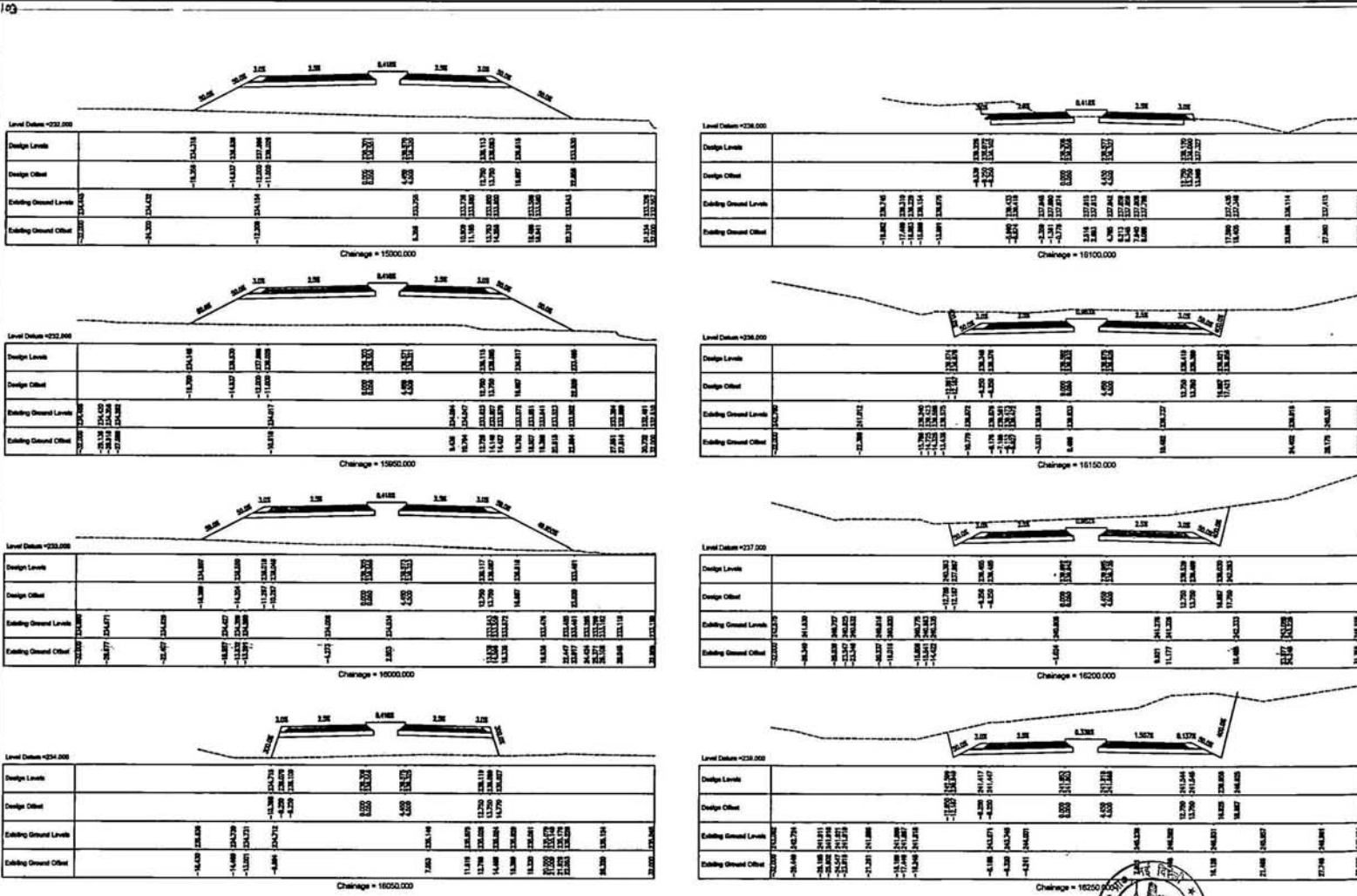
Drawing Title:
CROSS SECTION CH. 15500.000 TO 15850.000

Drawing No. : SW/1019/ROADS/CS - 20
 Scale :- NOT TO BE SCALED

Drawn by: K.L.N.
 Checked by: K.P.RASAD
 Approved by: BRIG.C.D.PURD
 Date: JUNE-2009

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Note:- Levels shown are self assumed datum.

Project Title
 Contingency analysis for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided. Contingency calculation of James - Udhampur section of NH-1 A (Km 5.00 to Km 96.00) including Jammu/Part Nagrota and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-018.

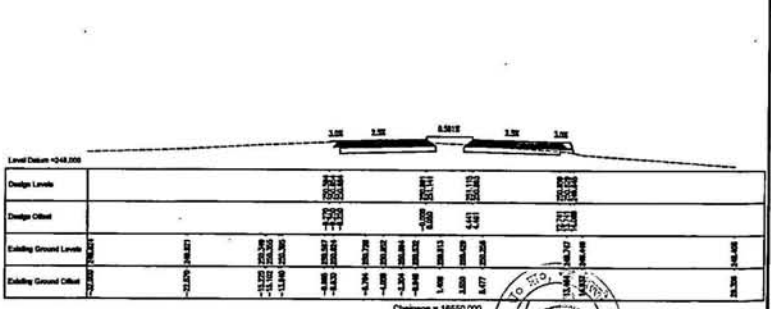
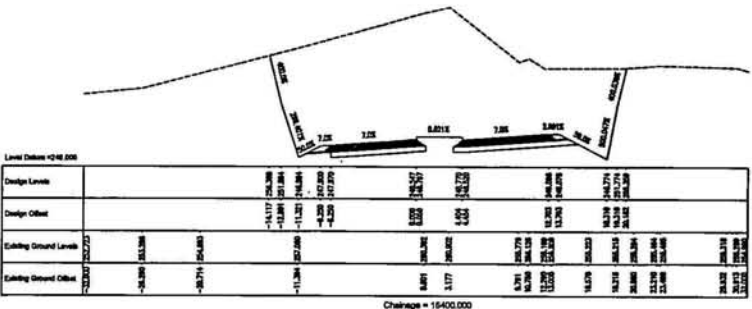
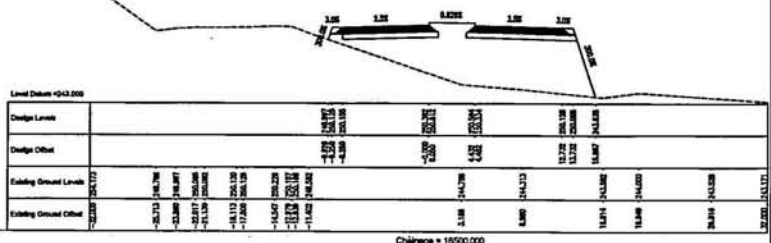
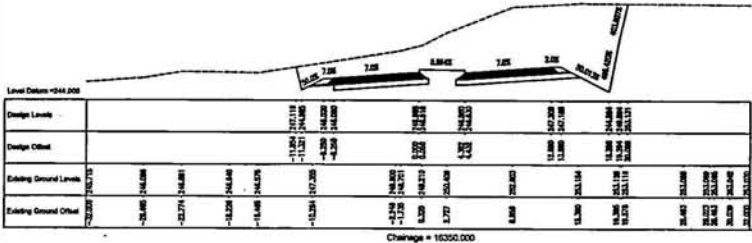
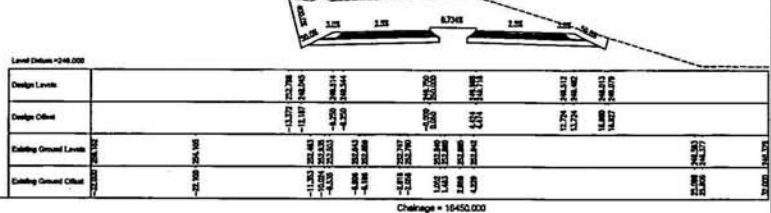
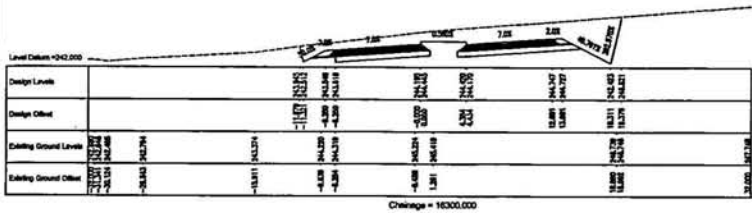
Client
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 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
 CH. 15900.000 TO 16250.000
Drawing No.: SW/1019/ROADSCS - 21
Scale: NOT TO BE SCALED
Date: K.L.N
Appd: K.PRASAD
Date: BRIG.C.D.PURE
 JUNE-2009

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Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided category configuration of Jammu - Udhampur section of NH-1 A (from 0.00 to km 86.00) including Jammu(Ut) Bypass and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-2014

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Drawing Title: CROSS SECTION CH. 16300.000 TO 16550.000
Drawing No.: SW/1019/ROADS/CS - 22
Scale:- NOT TO BE SCALED
Drn: K.L.N **Dgn:** K.PRASAD **Appd:** BRG.C.D.PURI **Date:** JUNE-2009

Sheet: 15 of 15
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Level Datum +218.208

Design Levels	-14.540	202.290	-14.540	202.290	-14.540	202.290	-14.540	202.290	-14.540	202.290
Design Offset										
Existing Ground Levels	-15.037	204.734	-15.037	204.734	-15.037	204.734	-15.037	204.734	-15.037	204.734
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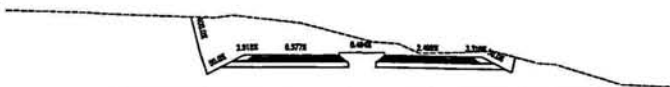
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Level Datum +251.208

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Existing Ground Offset										

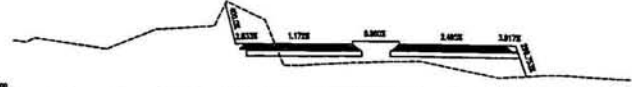
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Level Datum +248.208

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Design Offset										
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Existing Ground Offset										

Chirage = 16950.000



Level Datum +248.208

Design Levels										
Design Offset										
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Existing Ground Offset										

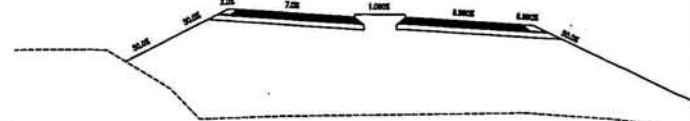
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Level Datum +248.208

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Existing Ground Offset										

Chirage = 16700.000



Level Datum +243.208

Design Levels	-14.000	203.000	-14.000	203.000	-14.000	203.000	-14.000	203.000	-14.000	203.000
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Existing Ground Offset										

Chirage = 16850.000

Note:- Levels shown are set assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jamru - Utharpur section of NH-1 A (Km 6.00 to km 68.00) including Jamru/Ward Negra and Utharpur Bypass Phase - III Programme of North - South - corridor Project, Central Package C-6/18

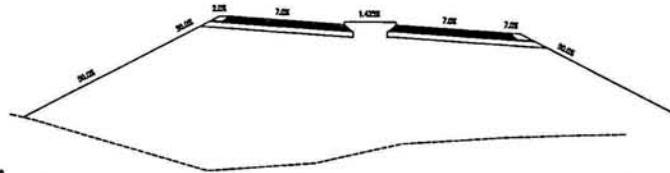
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SCOTT WILSON/INDIA PRIVATE LIMITED and shall be prepared on the basis of the data and information provided by the client. The design and construction shall be subject to the approval of the client. The design and construction shall be subject to the approval of the client.

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Drawing Title: CROSS SECTION
CH. 16600.000 TO 16850.000
Drawing No.: SW/1019/ROADS/CS - 23
Scale: NOT TO BE SCALED
Dr.: K.L.N
Dgn.: K.PRASAD
Appd: BRIG.C.D.PURI
Date: JUNE-2009

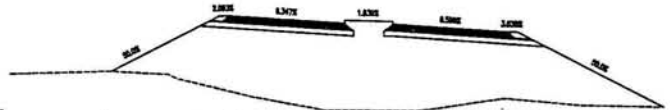
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E-mail: scwinfo@scw.com





Level Datum +240.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 16900.000



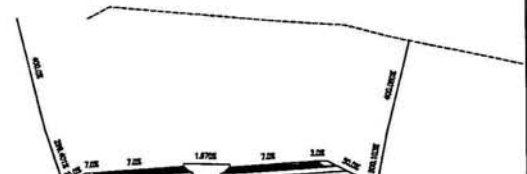
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Chainage = 16950.000



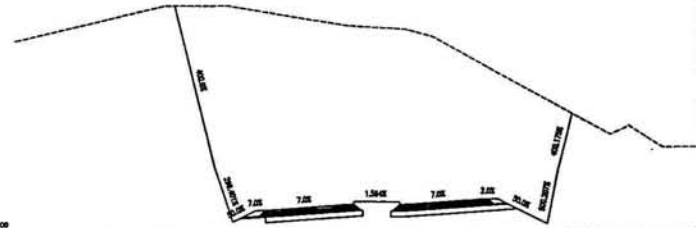
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Existing Ground Offset										

Chainage = 17000.000



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Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 17050.000



Level Datum +254.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 17100.000

Note:- Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1 A (km 0.00 to km 66.00) including Jammu/Purj Negra and Udhampur Bypass Phase - II Programme of North - South - corridors Project, Contract Package C-8019

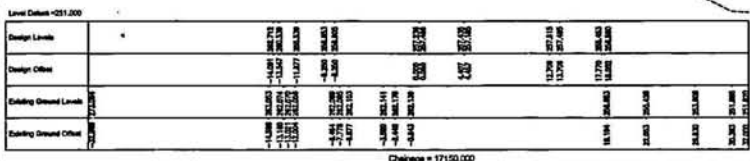
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Drawing Title: CROSS SECTION
CH. 16900.000 TO 17100.000
Drawing No.: SW/1019/ROADS/CS - 24
Scale: NOT TO BE SCALED
Drawn: K.L.N.
Checked: K.PRASAD
Appd: BRIG.C.D.PURI
Date: JUNE-2009

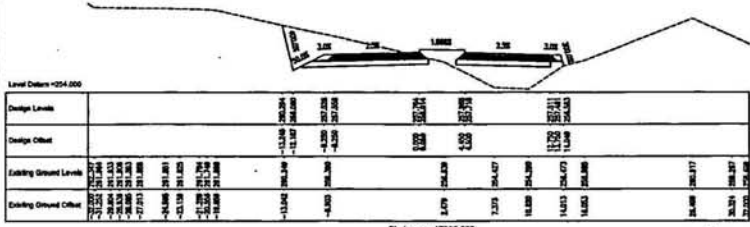
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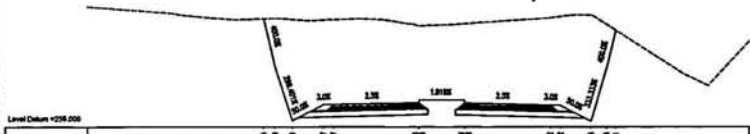
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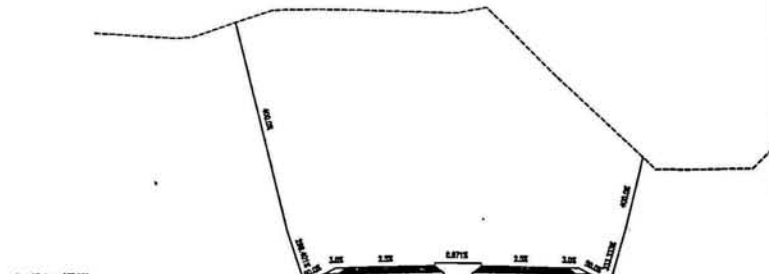
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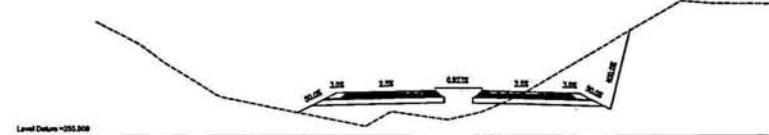
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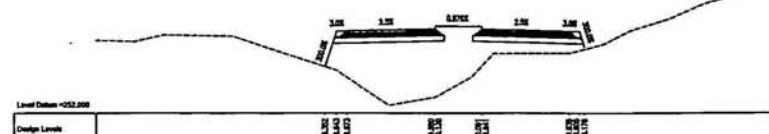
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Chiragga = 17300.000



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Existing Ground Levels						
Existing Ground Offset						

Chiragga = 17350.000



Level Datum +252.000						
Design Levels						
Design Offset						
Existing Ground Levels						
Existing Ground Offset						

Chiragga = 17400.000

Note:-

Levels shown are not assured datum.

Project Title
 Consultancy services for preparation of detailed project report for
 Rehabilitation and upgrading of existing 2-lane road to 4-lane divided
 Carriageway configuration of Jammu - Udhampur section of NH-1A
 (km 0.00 to km 86.00) including Jammu(Pur) Bypass and Udhampur
 Bypass Phase - III Programme of North - South - corridor Project,
 Contract Package C-012

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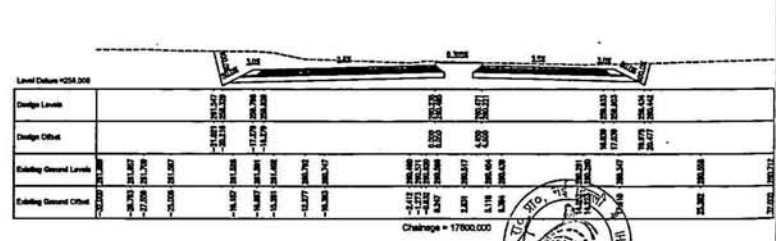
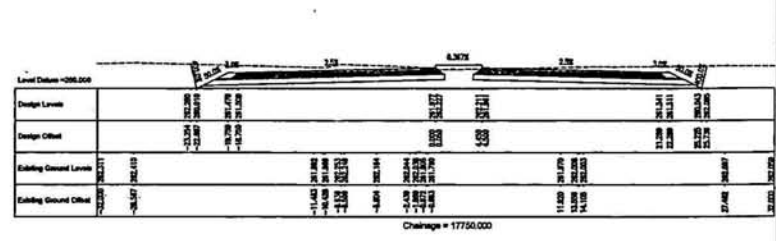
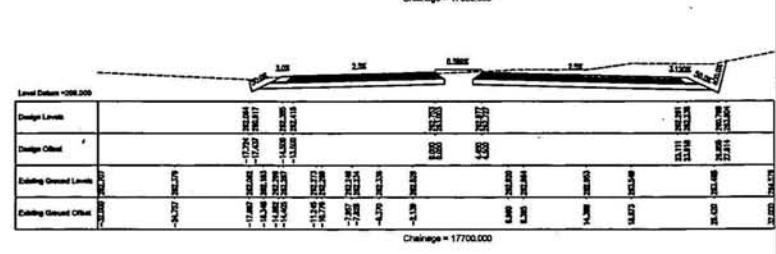
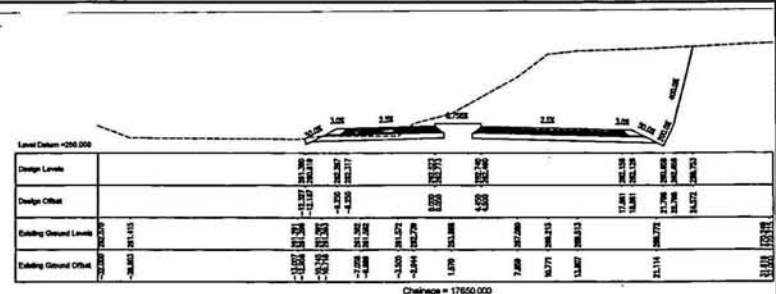
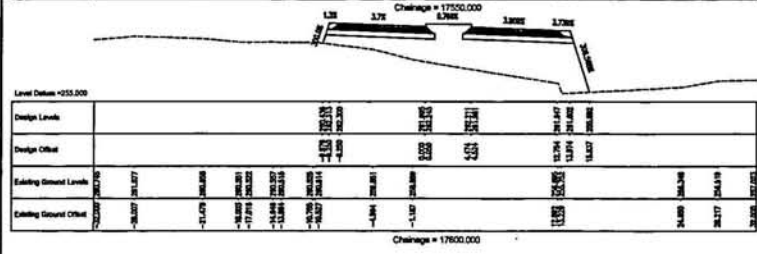
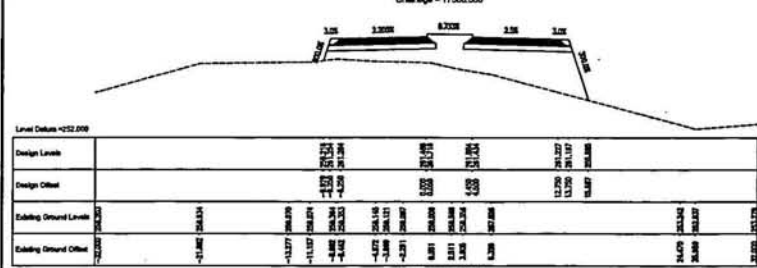
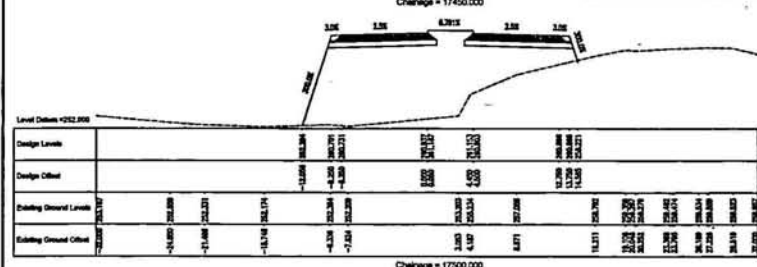
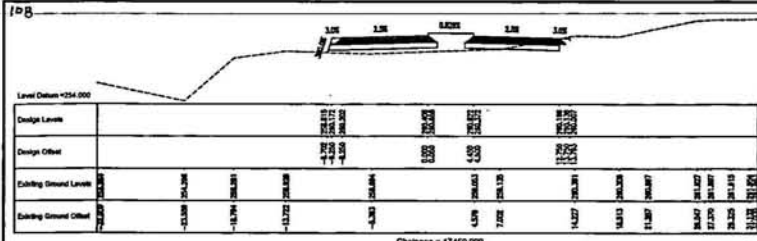
Client
**NATIONAL HIGHWAYS
 AUTHORITY OF INDIA**
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title:
**CROSS SECTION
 CH. 17150.000 TO 17400.000**
 Drawing No.: SW/1019/ROADS/CS - 25
 Scale :- NOT TO BE SCALED
 Dm K.L.M. Dgn. K.PRASAD Appd. BRIG.C.D.PUR Date JUNE-2009

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 E-mail: swinfo@aol.com

Stamp: ROAD & TRANSPORT DEPARTMENT, DELHI

Stamp: NATIONAL HIGHWAYS AUTHORITY OF INDIA, NEW DELHI



Note:- Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jarwal - Udhampur section of NH-1-A (Km 0.00 to Km 16.00) including Jarwal (part) Nagrota and Udhampur Bypass Phase - III Programme of North-South corridor Project, Contract Package C-8/15

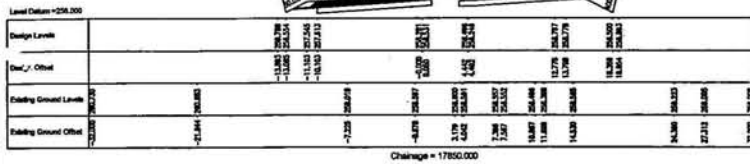
In witness to the authority of
20201 18/05/2009 18/05/2009 18/05/2009 and used as it is intended for any other purpose of law and authorized by it in accordance with the provisions of the Indian Contract Act, 1872 and the provisions of the Indian Stamp Act, 1899. The undersigned hereby certifies that the contents of this document are true and correct as per the records of the authority.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

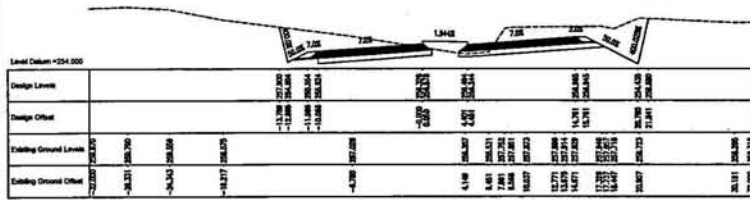
Drawing Title: **CROSS SECTION CH. 17450.000 TO 17800.000**
Drawing No.: **SW/1019/ROADS/CS-26** Sheet: **25/4**
Scale: **NOT TO BE SCALED**
Dn: **KLN** Dgn: **K.PRASAD** Appd: **BRIG.C.D.PUR** Date: **JUNE-2009**

Scoti Wilson India Private Limited
25/4/09
CO-OPERATIVE IND. ESTATE
NEW DELHI - 110044
Tel: (011) 41678340 - 49
Fax: (011) 41678350
E-mail: info@scotiwilson.com

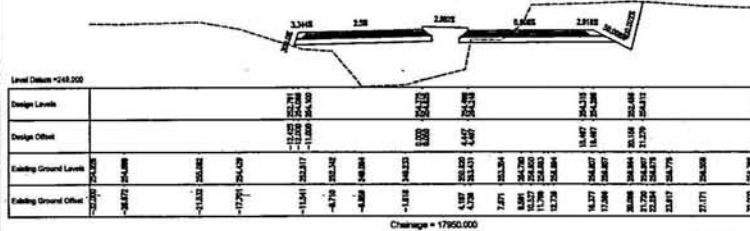




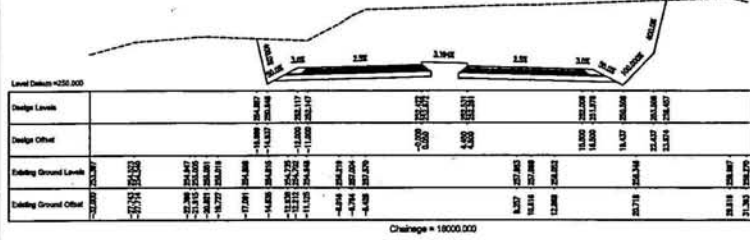
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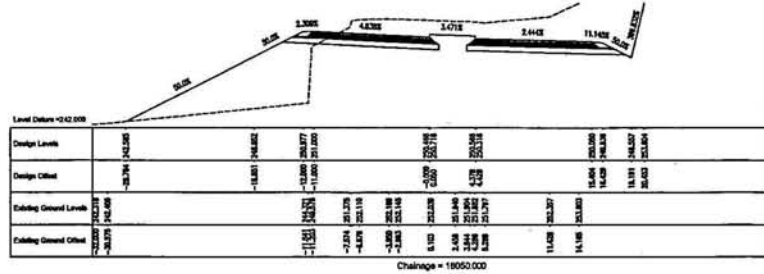
Chaiirage = 17900.000



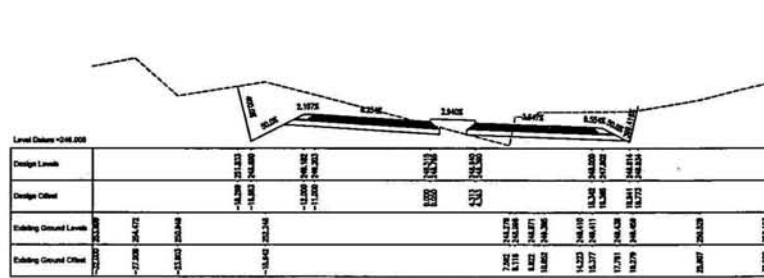
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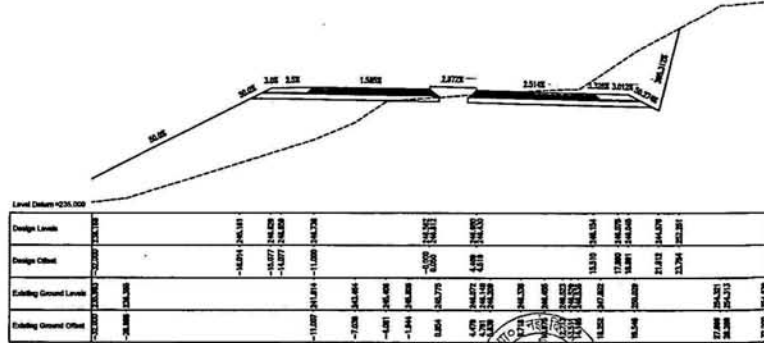
Chaiirage = 18000.000



Chaiirage = 18050.000



Chaiirage = 18100.000



Chaiirage = 18150.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1 A (from 8.00 to km 68.00) including Jammu (Part) Bypass and Udhampur Bypass Phase - III Programme of North - South - Corridor Project, Contract Package C-4918

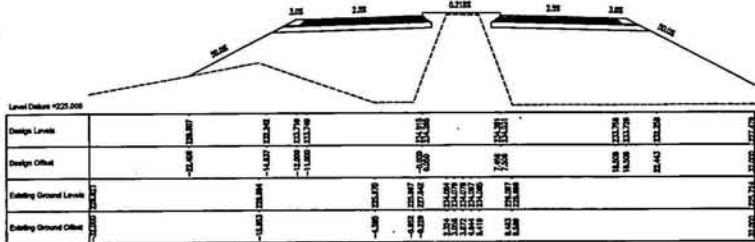
Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

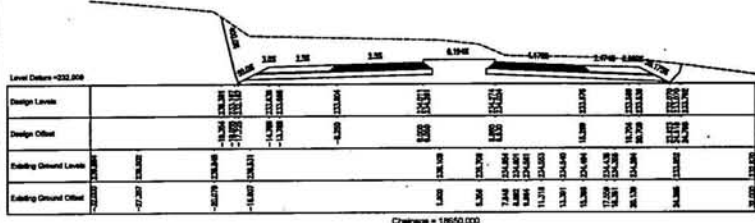
Drawing Title: CROSS SECTION CH. 17850.000 TO 18150.000
Drawing No.: SW/1019ROADS/CS - 27
 Scale :- NOT TO BE SCALED
Dns: K.L.N. **Dgn:** K.PRASAD **Appd:** BRG.C.D.PUR **Date:** JUNE-2009

Scott Wilson India Private Limited
 A-26, SECTOR-33, GATEWAY INDIA ESTATE
 Gurgaon, Haryana - 120044
 Tel: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: swindia@gmail.com

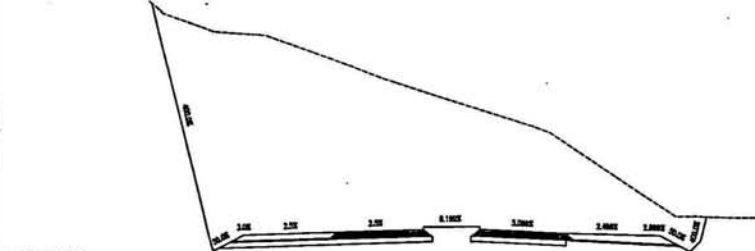




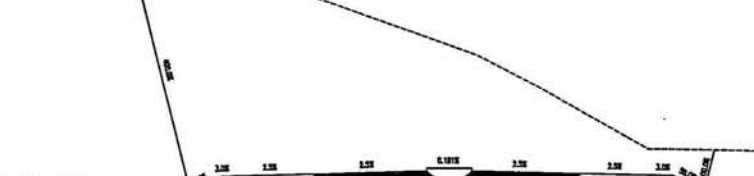
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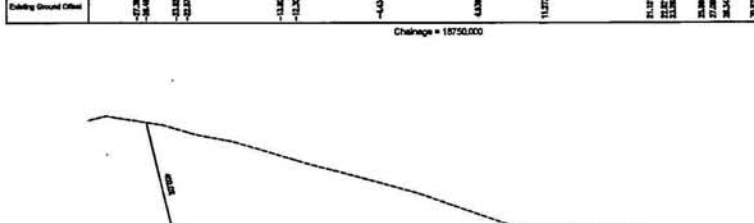
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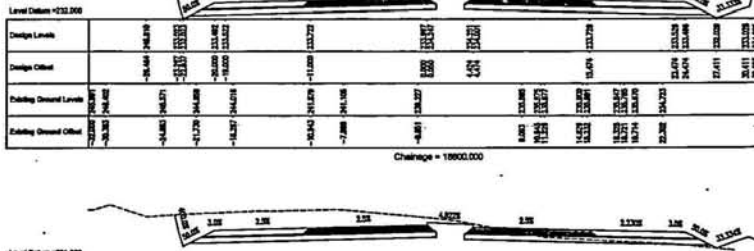
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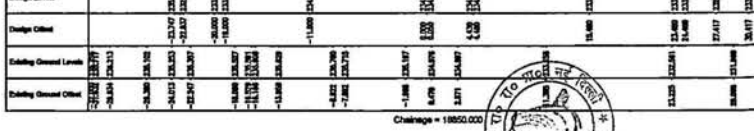
Chirnage = 18750.000



Chirnage = 18800.000



Chirnage = 18850.000



Chirnage = 18900.000

Notes:- Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3 lane road to 4 lane divided carriageway configuration of 2-lanes + 2-lanes road of NH-1-A from 0.05 to km 96.25 including Jermi/Vijay Nagar and Udharpur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-3/18

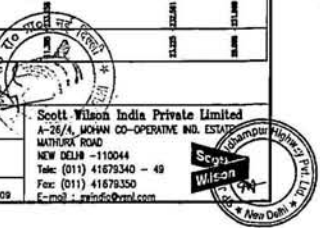
Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title: **CROSS SECTION**
CH. 18500.000 TO 18950.000

Drawing No.: **SW/1019/ROADSCS - 29** Sheet :

Scale :- **NOT TO BE SCALED**

Dr. : **K.L.N** Dgn. : **R.PRASAD** Appd : **BRG.C.D.PUR** Date : **JUNE-2009**

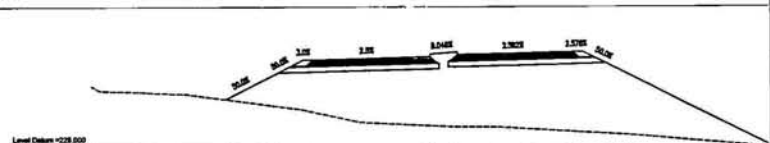




Level Datum +221.000

Design Levels	221.100	221.200	221.300	221.400	221.500	221.600	221.700	221.800	221.900	222.000
Design Offset	-0.100	-0.200	-0.300	-0.400	-0.500	-0.600	-0.700	-0.800	-0.900	-1.000
Existing Ground Levels	220.900	221.000	221.100	221.200	221.300	221.400	221.500	221.600	221.700	221.800
Existing Ground Offset	-0.100	-0.200	-0.300	-0.400	-0.500	-0.600	-0.700	-0.800	-0.900	-1.000

Chaiirage = 18900.000



Level Datum +228.000

Design Levels	228.100	228.200	228.300	228.400	228.500	228.600	228.700	228.800	228.900	229.000
Design Offset	-0.100	-0.200	-0.300	-0.400	-0.500	-0.600	-0.700	-0.800	-0.900	-1.000
Existing Ground Levels	228.000	228.100	228.200	228.300	228.400	228.500	228.600	228.700	228.800	228.900
Existing Ground Offset	-0.100	-0.200	-0.300	-0.400	-0.500	-0.600	-0.700	-0.800	-0.900	-1.000

Chaiirage = 18900.000



Level Datum +228.000

Design Levels	228.100	228.200	228.300	228.400	228.500	228.600	228.700	228.800	228.900	229.000
Design Offset	-0.100	-0.200	-0.300	-0.400	-0.500	-0.600	-0.700	-0.800	-0.900	-1.000
Existing Ground Levels	228.000	228.100	228.200	228.300	228.400	228.500	228.600	228.700	228.800	228.900
Existing Ground Offset	-0.100	-0.200	-0.300	-0.400	-0.500	-0.600	-0.700	-0.800	-0.900	-1.000

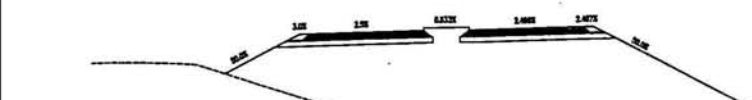
Chaiirage = 18950.000



Level Datum +228.000

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Design Offset	-0.100	-0.200	-0.300	-0.400	-0.500	-0.600	-0.700	-0.800	-0.900	-1.000
Existing Ground Levels	228.000	228.100	228.200	228.300	228.400	228.500	228.600	228.700	228.800	228.900
Existing Ground Offset	-0.100	-0.200	-0.300	-0.400	-0.500	-0.600	-0.700	-0.800	-0.900	-1.000

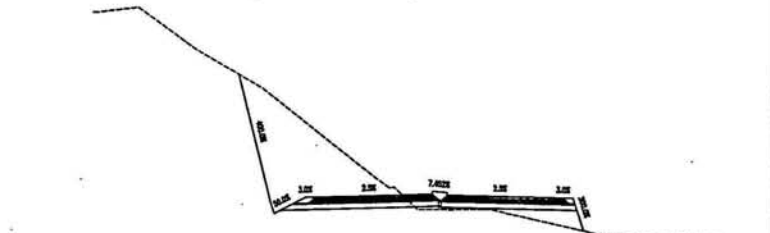
Chaiirage = 19100.000



Level Datum +230.000

Design Levels	230.100	230.200	230.300	230.400	230.500	230.600	230.700	230.800	230.900	231.000
Design Offset	-0.100	-0.200	-0.300	-0.400	-0.500	-0.600	-0.700	-0.800	-0.900	-1.000
Existing Ground Levels	230.000	230.100	230.200	230.300	230.400	230.500	230.600	230.700	230.800	230.900
Existing Ground Offset	-0.100	-0.200	-0.300	-0.400	-0.500	-0.600	-0.700	-0.800	-0.900	-1.000

Chaiirage = 19000.000



Level Datum +230.000

Design Levels	230.100	230.200	230.300	230.400	230.500	230.600	230.700	230.800	230.900	231.000
Design Offset	-0.100	-0.200	-0.300	-0.400	-0.500	-0.600	-0.700	-0.800	-0.900	-1.000
Existing Ground Levels	230.000	230.100	230.200	230.300	230.400	230.500	230.600	230.700	230.800	230.900
Existing Ground Offset	-0.100	-0.200	-0.300	-0.400	-0.500	-0.600	-0.700	-0.800	-0.900	-1.000

Chaiirage = 19550.000

Note:-
Levels shown are not assumed datum.

Project Title
Contingency estimate for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided highway along the Jammu - Udhampur section of NH-1A (from 0.00 to km 18.00) including Jammu and Udhampur Bypass Phase - III Programme of North - South - corridor Project, Contract Package C-8718

All drawings to be prepared on the project of 2000/2001 (NH-1A) section of Jammu and Udhampur Bypass Phase - III Programme of North - South - corridor Project, Contract Package C-8718. The drawings shall be prepared on the project of 2000/2001 (NH-1A) section of Jammu and Udhampur Bypass Phase - III Programme of North - South - corridor Project, Contract Package C-8718.

Client
NATIONAL HIGHWAYS
AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title:
CROSS SECTION
CH. 18900.000 TO 19550.000

Drawing No.: SW/1018/ROADS/CS- 30

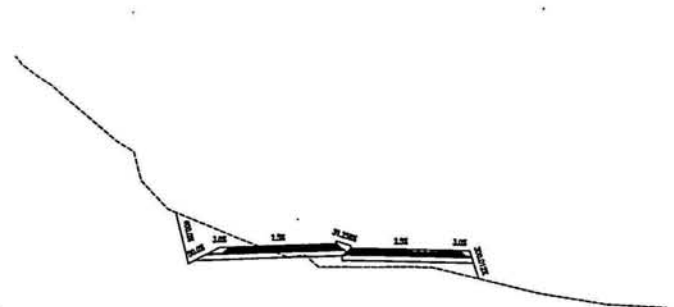
Scale 1: - NOT TO BE SCALED

Drn: K.L.N
Dgn.: K.PRASAD
Appd: BRG.C.D.PUR
Date: JUNE-2009

Scott Wilson India Private Limited
A-26/A, MGNH CO-OPERATIVE IND. ESTATE
MADRASA ROAD
NEW DELHI - 110044
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Fax: (011) 41679350
E-mail: swhindia@gmail.com



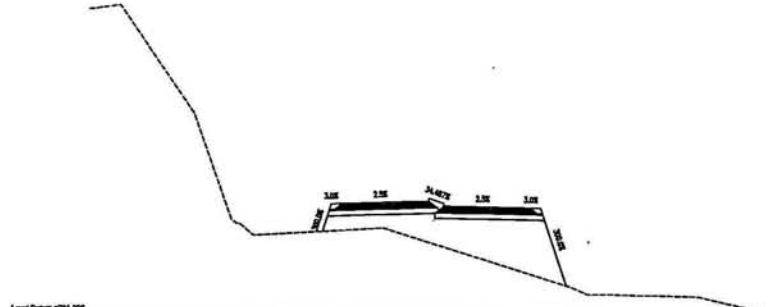
H3



Level Datum +231.000

Design Levels																				
Design Offset																				
Existing Ground Levels	-18.80	24.42																		
Existing Ground Offset	-18.80	24.42																		

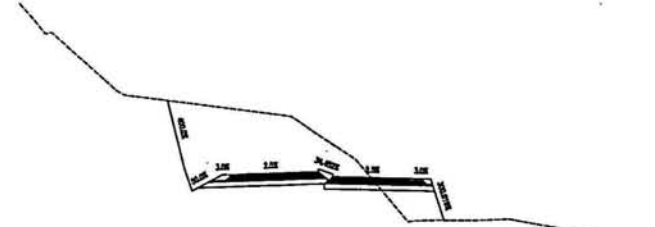
Chaiage = 19200.000



Level Datum +231.000

Design Levels																				
Design Offset																				
Existing Ground Levels	22.80	24.20																		
Existing Ground Offset	22.80	24.20																		

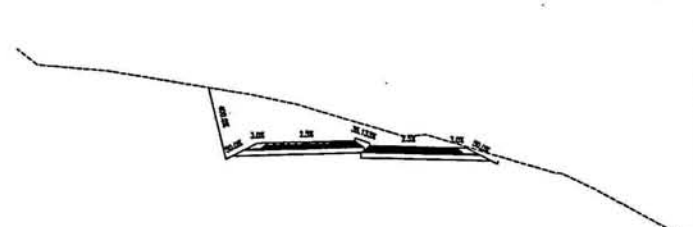
Chaiage = 19200.000



Level Datum +232.000

Design Levels																				
Design Offset																				
Existing Ground Levels	-18.80	24.42																		
Existing Ground Offset	-18.80	24.42																		

Chaiage = 19200.000



Level Datum +234.000

Design Levels																				
Design Offset																				
Existing Ground Levels	22.80	24.20																		
Existing Ground Offset	22.80	24.20																		

Chaiage = 19200.000

NOTE:-
Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jarawa - Uthmaniyar section of NH-1-A (Km 6.00 to Km 68.00) including Jarawa/Ward Negruke and Uthmaniyar Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-8/18

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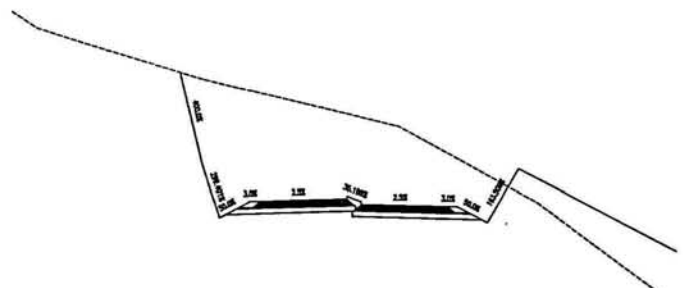
Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
CH. 19200.000 TO 19350.000
Drawing No.: SW/1019/ROADS/CS - 31
Scale: NOT TO BE SCALED
Drn: K.L.N
Dgn.: K.PRASAD
Appd: BRIG.C.D.PURM
Date: JUNE-2009

Scott Wilson India Private Limited
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MATHURDA ROAD
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T: (011) 41679340 - 49
F: (011) 41679350
E-mail: swi@swiindia.com



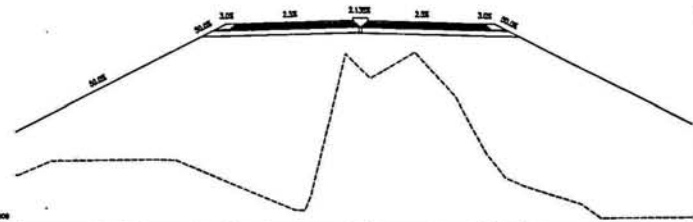
A4



Level Datum +236.000

Design Levels			-13.74	248.140																								
Design Offset			-13.74	248.140																								
Existing Ground Levels	237.00	238.20		242.20																								
Existing Ground Offset	-2.20	-2.20		-2.20																								

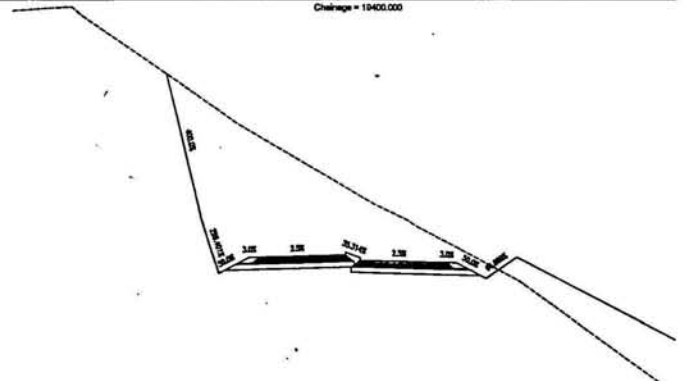
Chairsage = 10400.000



Level Datum +231.000

Design Levels																												
Design Offset																												
Existing Ground Levels	237.00	238.50		242.00																								
Existing Ground Offset	-2.00	-2.00		-2.00																								

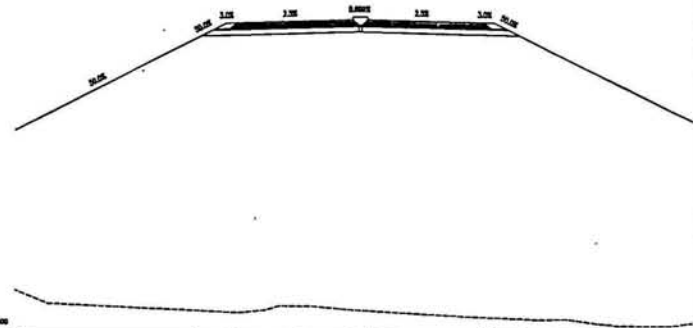
Chairsage = 19500.000



Level Datum +235.000

Design Levels																												
Design Offset																												
Existing Ground Levels	237.00	237.80		241.80																								
Existing Ground Offset	-2.00	-2.00		-2.00																								

Chairsage = 19450.000



Level Datum +231.000

Design Levels																												
Design Offset																												
Existing Ground Levels	237.00	238.50		242.00																								
Existing Ground Offset	-2.00	-2.00		-2.00																								

Chairsage = 19500.000

Note:-
Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for
Rashtriya and upgrading of existing 2-lane road to 4-lane divided
concrete carriageway of Jammu - Udhampur section of NH-1A
(as per I to km 66.70) including Jammu (T/W) Bypass and Udhampur
Bypass Phase - II Programme of North - South - corridor Project,
Contract Package C-019

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Client
**NATIONAL HIGHWAYS
AUTHORITY OF INDIA**
(Ministry of Shipping, Road Transport & Highways)

Drawing Title:
CROSS SECTION
CH. 19400.000 TO 19550.000

Drawing No. : SW/1018/ROADS/CS - 32 Sheet :
Scale :- NOT TO BE SCALED

Dn
K.L.N

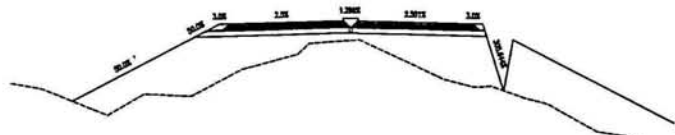
Dgn.
K.PRASAD

Appd
BRIG.C.D.PURE

Date
JUNE-2009

Scott Wilson India Private Limited
Y-25/4, MOHAN CO-OPERATIVE IND. ESTATE
MATHURA ROAD
NEW DELHI - 110044
Tele (011) 41679340 - 49
Fax: (011) 41679350
E-mail : info@swi.com

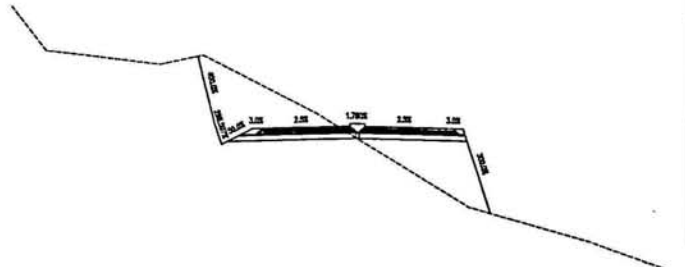




Level Datum +237.200

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Design Offset				-14.87	146.13													
Existing Ground Levels																		
Existing Ground Offset																		

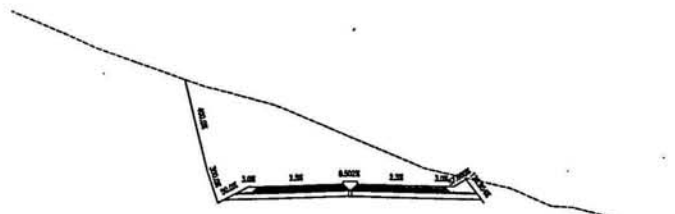
Chirage = 19500.000



Level Datum +238.200

Design Levels																		
Design Offset																		
Existing Ground Levels																		
Existing Ground Offset																		

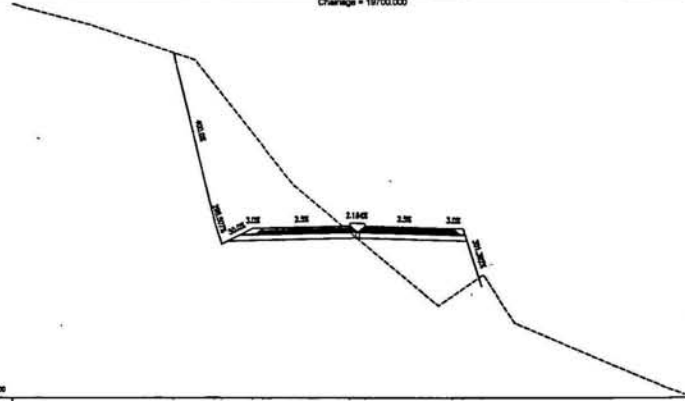
Chirage = 19700.000



Level Datum +243.200

Design Levels																		
Design Offset																		
Existing Ground Levels																		
Existing Ground Offset																		

Chirage = 19550.000



Level Datum +239.200

Design Levels																		
Design Offset																		
Existing Ground Levels																		
Existing Ground Offset																		

Chirage = 19750.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for
 Rehabilitation and upgrading of existing 2-lane road to 4-lane divided
 carriageway configuration of Jammu - Udhampur section of NH-1 A.
 from 0.00 to km 88.00) including Jammu(U.P) Bypass and Udhampur
 Bypass Phase - II Programme of North-South corridor Project.
 Contract Package C-8/18.

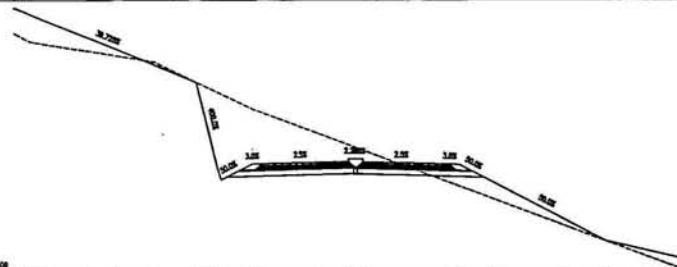
All drawings shall be prepared in metric units and shall be
 based on the metric system unless otherwise stated. All
 dimensions shall be in millimeters unless otherwise stated.
 Drawings shall be prepared on standard size paper and shall
 be suitable for reproduction by laser printer or high resolution
 plotter. All dimensions shall be in millimeters unless otherwise
 stated.

Client
**NATIONAL HIGHWAYS
 AUTHORITY OF INDIA**
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION/
 CH. 19500.000 TO 19550.000
 Drawing No.: SW/1018/ROADS/CS-33
 Scale: 1:500 (NOT TO BE SCALED)
 Date: 06/06/2009
 Drawn: K.L.M.
 Design: K.PRASAD
 Appd: BHO.C.D.PUR
 Date: JUNE-2009

Client
 Smt. Wilson India Private Limited
 A-25/4, MOHAN CO-OPERATIVE IND. ESTATE,
 MADHURA ROAD
 NEW DELHI - 110044
 Tel: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: info@wilsonindia.com

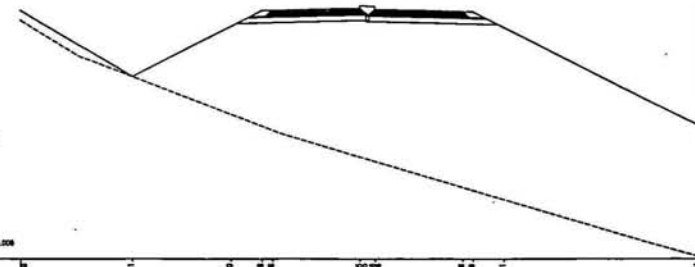




Level Datum +97.000

Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											

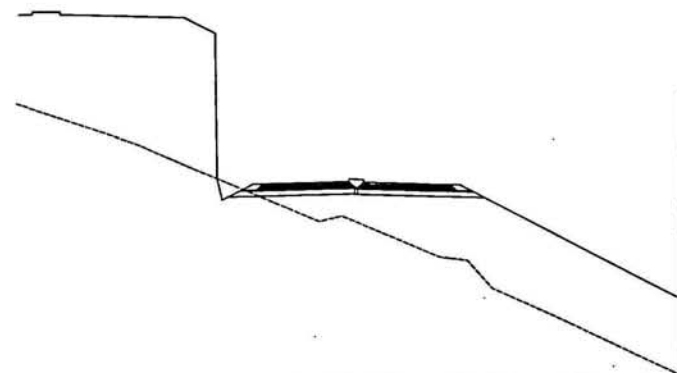
Chaiirage = 19800.000



Level Datum +93.000

Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

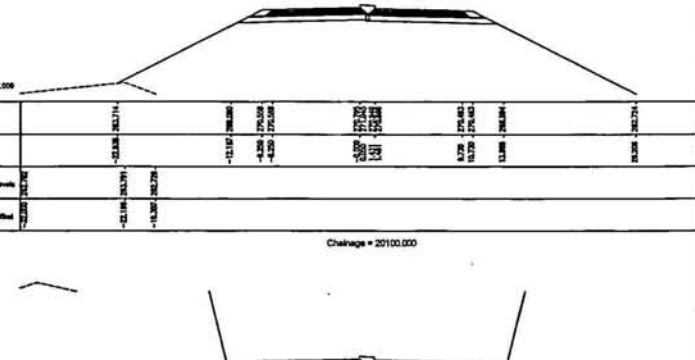
Chaiirage = 20000.000



Level Datum +93.000

Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chaiirage = 19800.000



Level Datum +92.000

Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chaiirage = 20100.000



Level Datum +93.000

Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chaiirage = 20200.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for
 Rehabilitation and upgrading of existing 3-lane road to 4-lane divided
 carriageway configuration of Jarwal - Udhampur section of NH-1A
 (km 0+00 to km 05+00) including Jarwal, Part of Nagrota and Udhampur
 bypass phase - II Programme of North - South - corridor Project,
 Contract Package C-6/18

Client
**NATIONAL HIGHWAYS
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Drawing Title:
**CROSS SECTION
 CH. 19800.000 TO 20200.000**

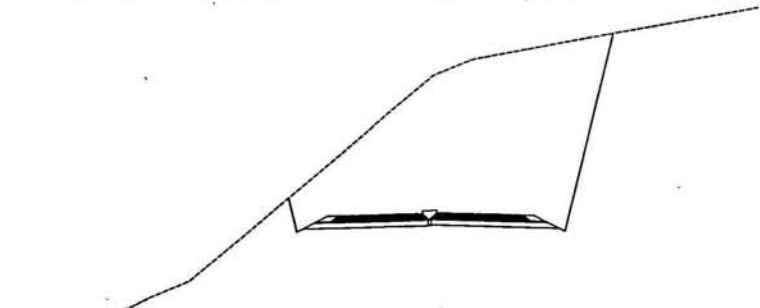
Drawing No.: SW/1018/ROADSCS - 34

Scale :- NOT TO BE SCALED

Drn K.L.N. Dgs. K.PRASAD Appd. BRG.C.D.PURM Date JUNE-2009

Sheet :
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 Fax: (011) 4152350
 E-mail: swind@swind.com

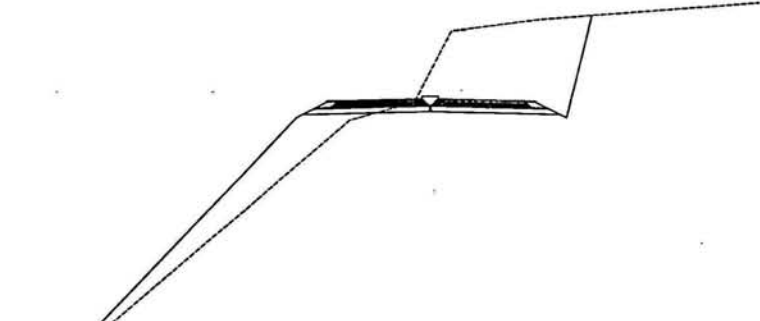




Level Datum = 179.000

Design Levels							
Design Chisel		-12.000	-8.000	-8.000	0.000	0.000	13.000
Existing Ground Levels	179.000	180.000	181.000	182.000	183.000	184.000	185.000
Existing Ground Chisel	179.000	180.000	181.000	182.000	183.000	184.000	185.000

Chainage = 20500.000



Level Datum = 179.000

Design Levels							
Design Chisel		-12.000	-8.000	-8.000	0.000	0.000	13.000
Existing Ground Levels	179.000	180.000	181.000	182.000	183.000	184.000	185.000
Existing Ground Chisel	179.000	180.000	181.000	182.000	183.000	184.000	185.000

Chainage = 20600.000



Note:- Levels shown are not assumed values.

Project Title
 Consideration for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jamner - Udaipur section of NH-11A (Km 0.00 to Km 86.00) including Jamner/Parbhapra and Udaipur Bypass Phase - II Programme of North-South Corridor Project, Contract Package C-8818

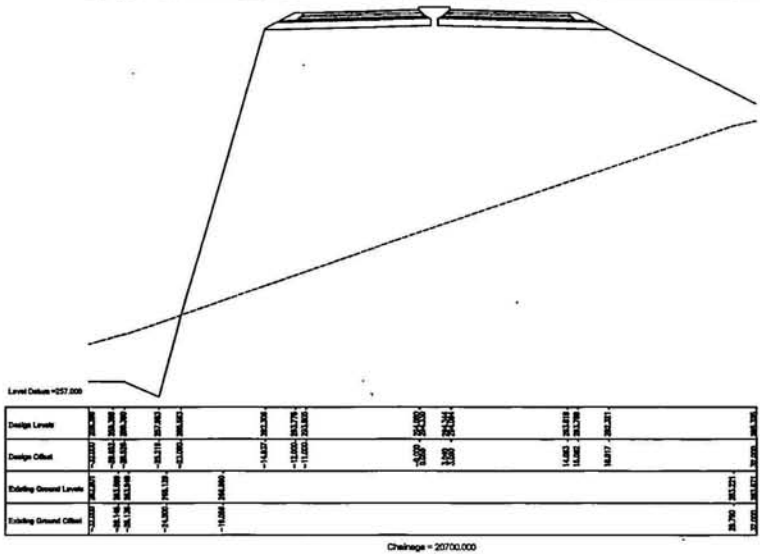
The drawing is the property of the National Highways Authority of India and shall not be used for any purpose or any other project without the written consent of the Authority. It shall be returned to the Authority immediately on completion of the project.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

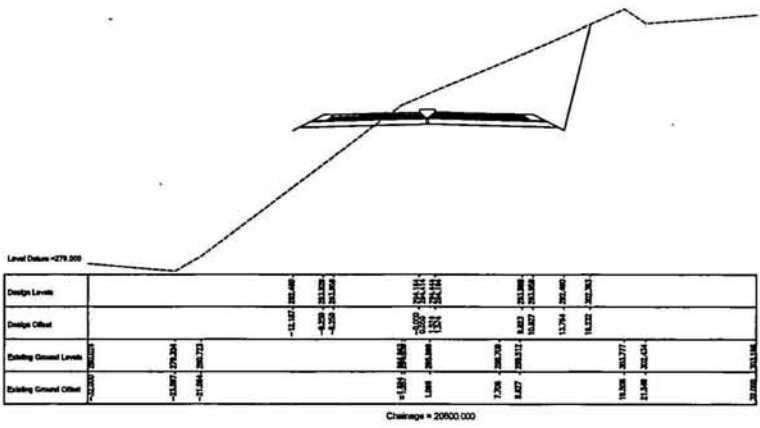
Drawing Title: CROSS SECTION
 CH. 20500.000 TO 20600.000
Drawing No.: SW/1019/ROADS/CS - 36
Scale: NOT TO BE SCALED
Drn: K.L.N. **Dgn:** K.PRASAD **Appd:** BRO.C.D.PURI **Date:** JUNE-2009

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 Fax: (011) 41679350
 E-mail: scwinfo@scw.com





Chirgahe = 20700.000



Chirgahe = 20800.000

Note:-
Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (on 0.00 to km 88.00) including Jammu/Purh Nagrota and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-891a

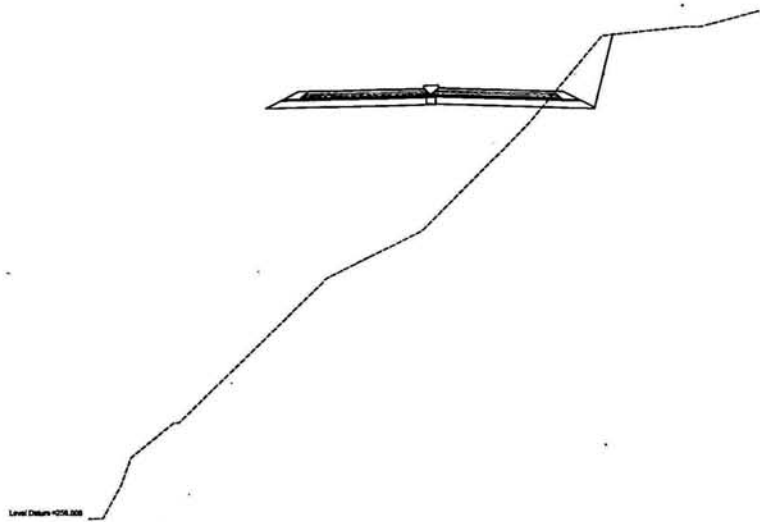
The drawings in this contract are the property of SCWM and shall not be used for any other project or purpose without the written consent of SCWM. It is the responsibility of the contractor to verify the ground conditions and levels before commencing work.

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NATIONAL HIGHWAYS AUTHORITY OF INDIA
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Drawing Title: CROSS SECTION
CH. 20700.000 TO 20800.000
Drawing No.: SW/101R/ROADS/CS - 37
Scale :- NOT TO BE SCALED
Dn: K.L.N
Dgn: K.PRASAD
Appd: BRG.C.D.PURH
Date: JUNE-2009

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MATHURA ROAD
NEW DELHI - 110044
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Fax: (011) 41679350
E-mail: scw@scw.com





Level Datum = 258.008									
Design Levels			14.837	206.427		13.200	206.000	13.200	206.000
Design Offset									
Existing Ground Levels	13.200	206.000	13.200	206.000	13.200	206.000	13.200	206.000	13.200
Existing Ground Offset									

Chainage = 20500.000

Note:-
Levels shown are self assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided Carriageway on alignment of Jammu - Udhampur section of NH-1A (km 0.00 to km 86.00) including Jammu(Pur) Bypass and Udhampur Bypass Phase - II Programme of North - South corridor Project, Contract Package C-8718

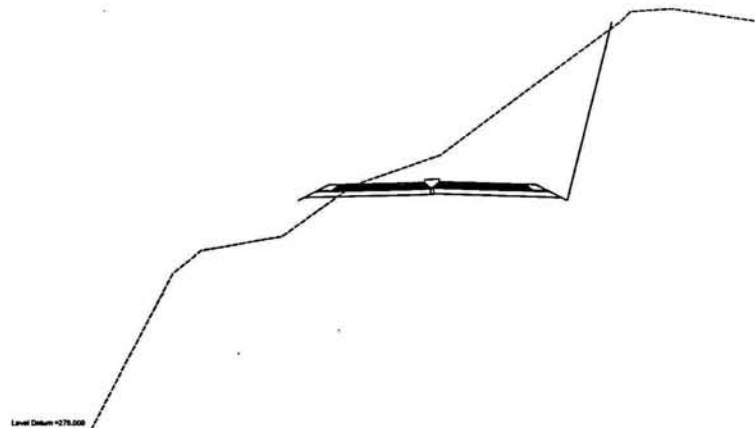
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(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
CH. 20500.000
Drawing No.: SW/1019/ROADS/CS - 38
Scale: NOT TO BE SCALED
Des.: K.L.N.
Dgn.: K.PRASAD
Appd: BRG.C.D.PUR
Date: JUNE-2009

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NEW DELHI - 110044
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Fax: (011) 41679350
E-mail: swindia@swi.com



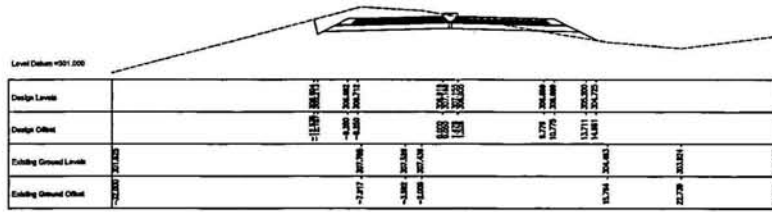


Design Levels									
Design Offset									
Existing Ground Levels									
Existing Ground Offset									

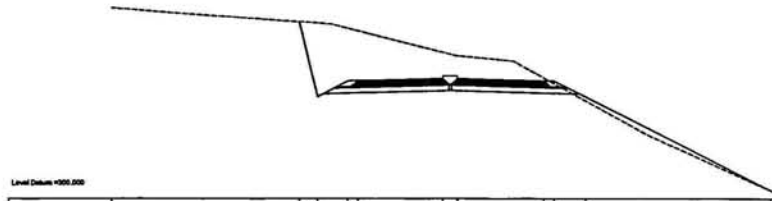
Chairs = 21000.000



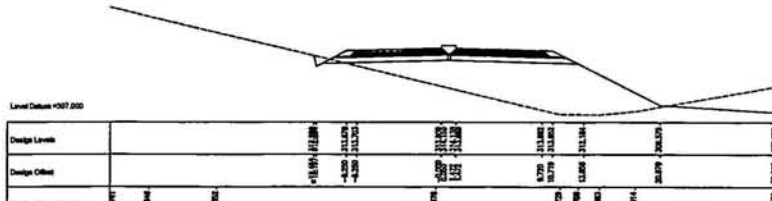
<p>Note:- Levels shown are not assumed datum.</p>	<p>Project Title Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1A (km 5.00 to km 86.00) including Jammu(Part) Nagrota and Udhampur Bypass Phase - III Programme of North - South - corridors Project, Contract Package C-875</p>	<p>This drawing is the property of SCOTT WILSON INDIA PRIVATE LIMITED and shall not be copied, re-used or reproduced in any form without the written permission of the company. It is to be used only for the purpose intended and shall not be used for any other purpose without the prior approval of the company.</p>	<p>Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)</p>	<p>Drawing Title: CROSS SECTION CH. 21000.000 Drawing No.: SW/1019/ROADS/CS-39 Scale: NOT TO BE SCALED Date: JUNE-2009</p>	<p>Scott Wilson India Private Limited A-26/4, MORHAN CO-OPERATIVE IND. ESTATE MAHURA ROAD NEW DELHI - 110044 Tel: (011) 41679340 - 46 Fax: (011) 41679350 E-mail: swinfo@swi.com</p>
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Chirga = 21100.000



Chirga = 21200.000



Chirga = 21300.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (km 0.00 to km 18.00) including Jammu(Part) Bypass and Udhampur Bypass Phase - II Programme of North - South - corridors Project, Contract Package C-8/13

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Drawing Title: CROSS SECTION
 CH. 21100.000 TO 21300.000

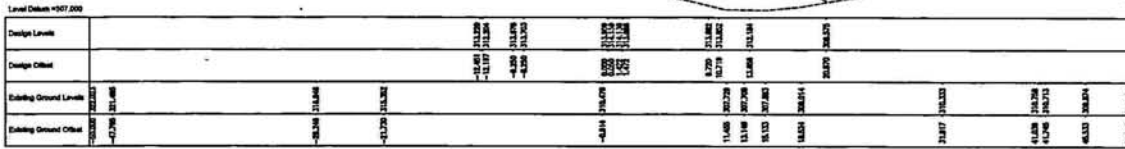
Drawing No.: SW/1019/ROADS/CS - 40

Scale :- NOT TO BE SCALED

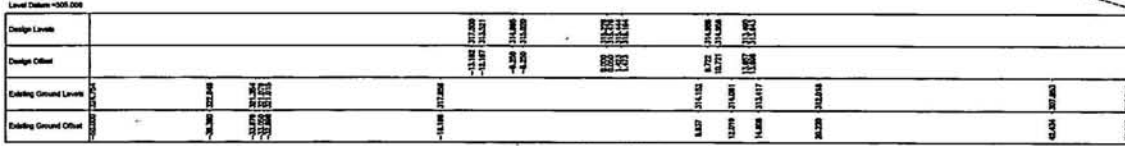
Dra: K.L.N
Dgs: K.PRASAD
Appd: BRG.C.D.PUR
Date: JUNE-2009

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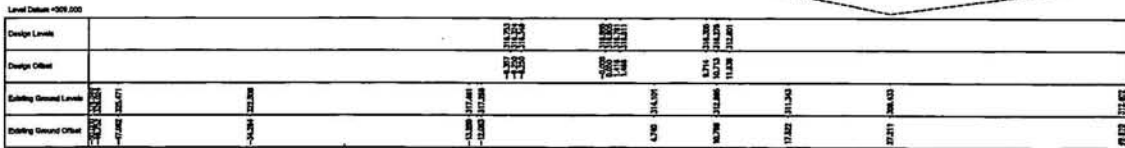




Chirpage = 21300.000



Chirpage = 21350.000



Chirpage = 21400.000

Notes: Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1-A (km 0.00 to km 88.80) including Jammu (Part) Bypass and Udhampur Bypass Phase - III Programme of North - South - corridors Project, Contract Package C-8918

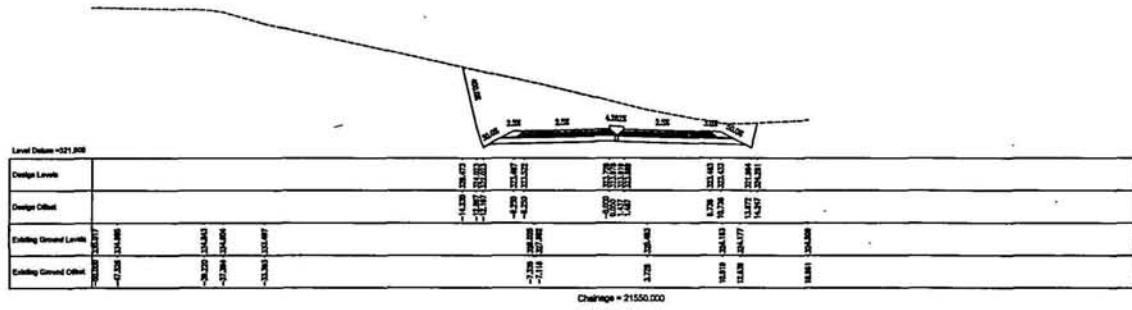
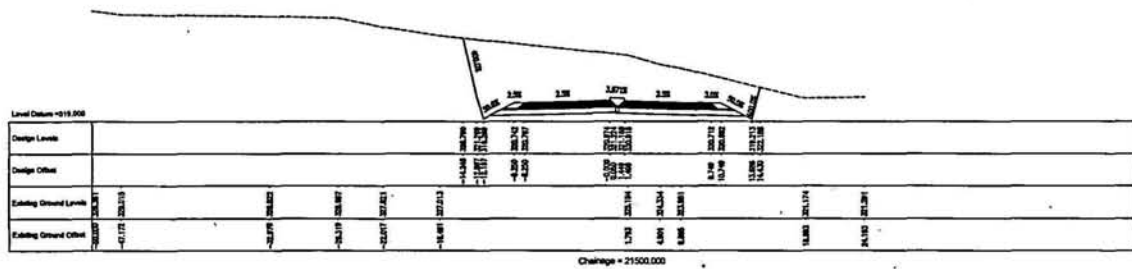
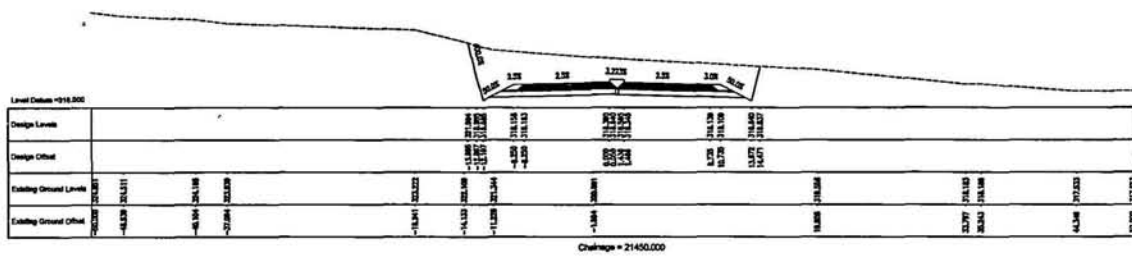
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Drawing Title: CROSS SECTION CH. 21300.000 TO 21400.000
Drawing No.: SW/1019/ROADS/CS-41 **Sheet:** _____
Scale:- NOT TO BE SCALED
Dn: K.L.N **Dgn:** K.PRASAD **Appd:** S.K.C.D.PUR **Date:** JUNE-2009



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 Fax: (011) 41679350
 E-mail: scw@scw.com



Note:- Levels shown are not assumed values.

Project Title
 Consultancy services for preparation of detailed project report for
 rehabilitation and upgrading of existing 2-lane road to 4-lane divided
 carriageway configuration of Jammu - Udhampur section of NH-11A
 (km 0.00 to km 96.00) including Jammu/Parit Nagrota and Udhampur
 Bypass Phase - II Programme of North - South - corridor Project,
 Contract Package C&B12

All drawings to be prepared in the metric system of units. The drawings shall be prepared in the metric system of units and shall be based on the metric system of units. The drawings shall be prepared in the metric system of units and shall be based on the metric system of units.

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**NATIONAL HIGHWAYS
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 (Ministry of Shipping, Road Transport & Highways)

Drawing Title:
 CROSS SECTION
 CH. 21450.000 TO 21550.000

Drawing No. : SW/1019/ROADS/CS - 42 Sheet :
 Scale :- NOT TO BE SCALED

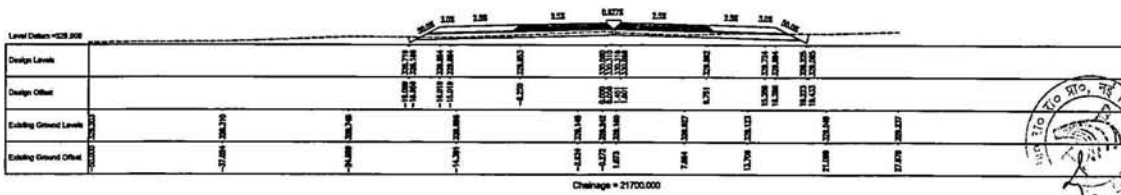
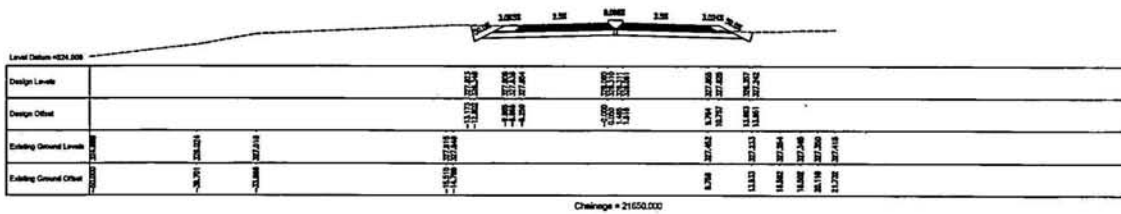
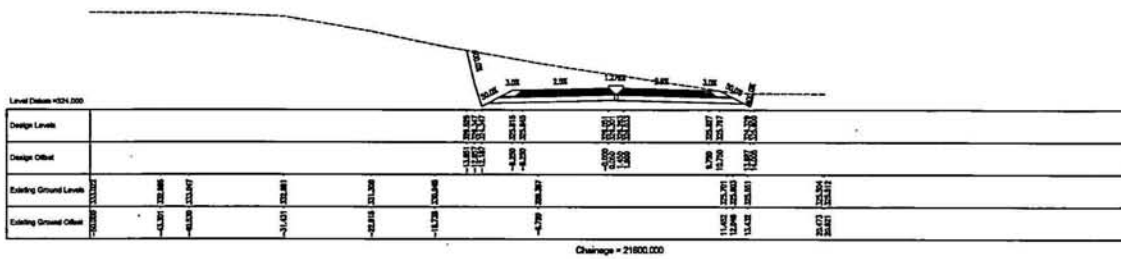
Dns
 K.L.N

Dgn.
 K.PRASAD

Appd
 BRG.C.D.PURI

Date
 JUNE-2009

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Note:- Levels shown are not assumed datum.

Project Title
 Consulting services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided Category-I carriageway of Jammu - Udhampur section of NH-1A (Km 8.00 to Km 86.00) including Jammu/Part Nagrova and Udhampur Bypass Phase - III Programme of North - South - corridor Project, Contract Package C-8913

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 NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 21600.000 TO 21700.000
Drawing No.: SW/1019/ROADS/C/S - 43
Scale: NOT TO BE SCALED
Drn.: K.L.N. **Desn.:** K.PRASAD **Appd.:** BRG.C.D.PURJ **Date:** JUNE-2009

Sheet: [Blank]
Date: JUNE-2009

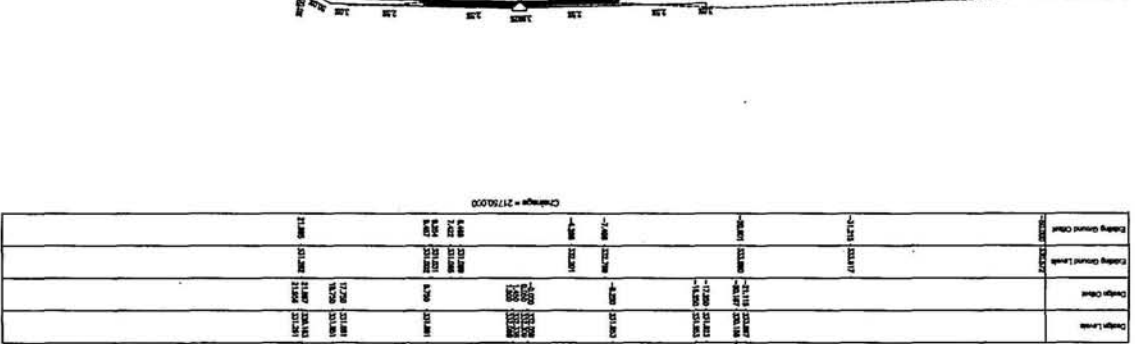
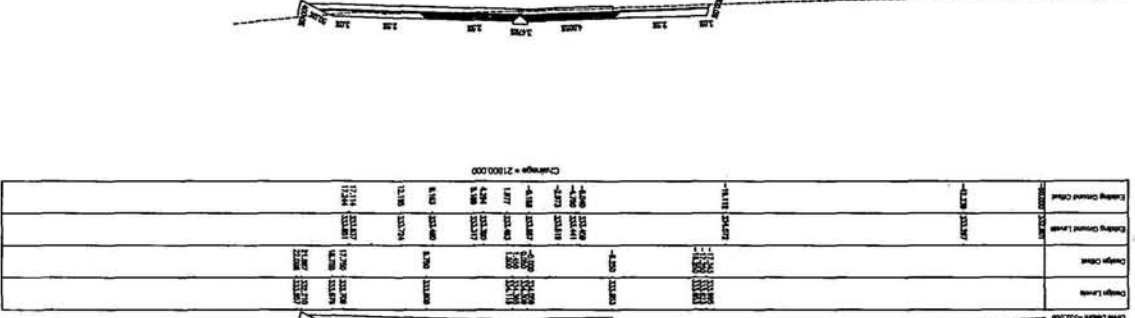
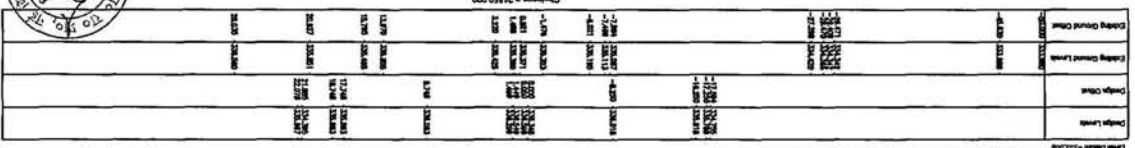
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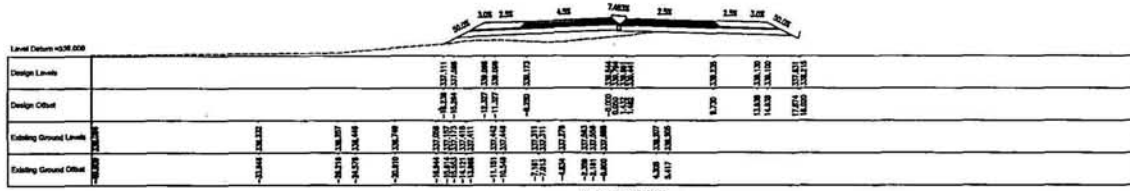
Note: Lines shown are not measured directly.

Project Title
Contractor's provision for preparation of detailed project report by
interpolation and extrapolation of existing data used to show details
of proposed work to be done in the proposed project.
Contractor's responsibility for accuracy of data and for
correcting any errors in the data.
Contractor's responsibility for accuracy of data and for
correcting any errors in the data.
Contractor's responsibility for accuracy of data and for
correcting any errors in the data.

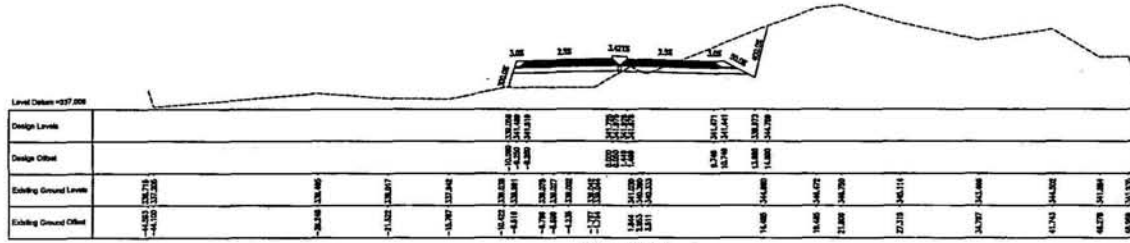
Ministry of Shipping, Road Transport & Highways
NATIONAL HIGHWAYS
AUTHORITY OF INDIA
Drawing Title:
Drawing No.: SW/1019/ROADS-C-44
Scale: -
NOT TO BE SCALED
Appd: K.PRASAD
Date: JUN-2009
BHO.C.PURB

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NEW DELHI - 110044
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E-mail: info@swi.com

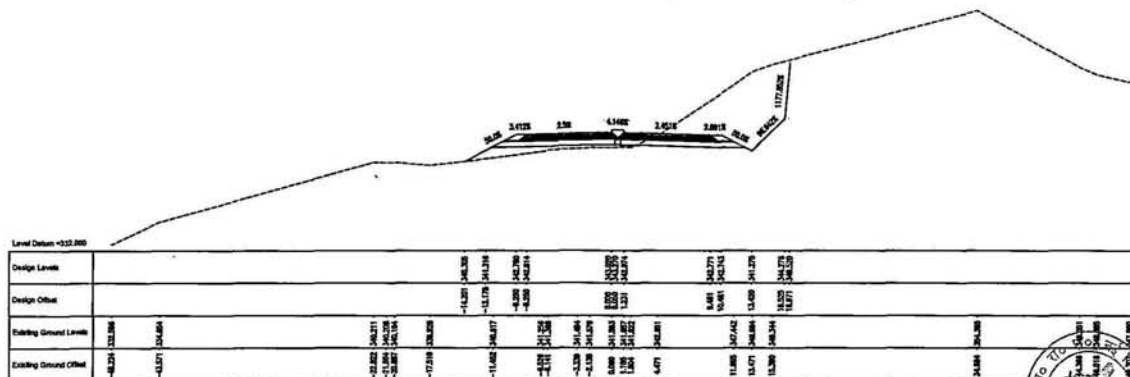




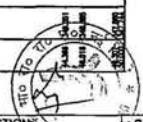
Chiirage = 21900.000



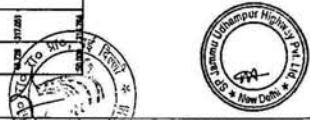
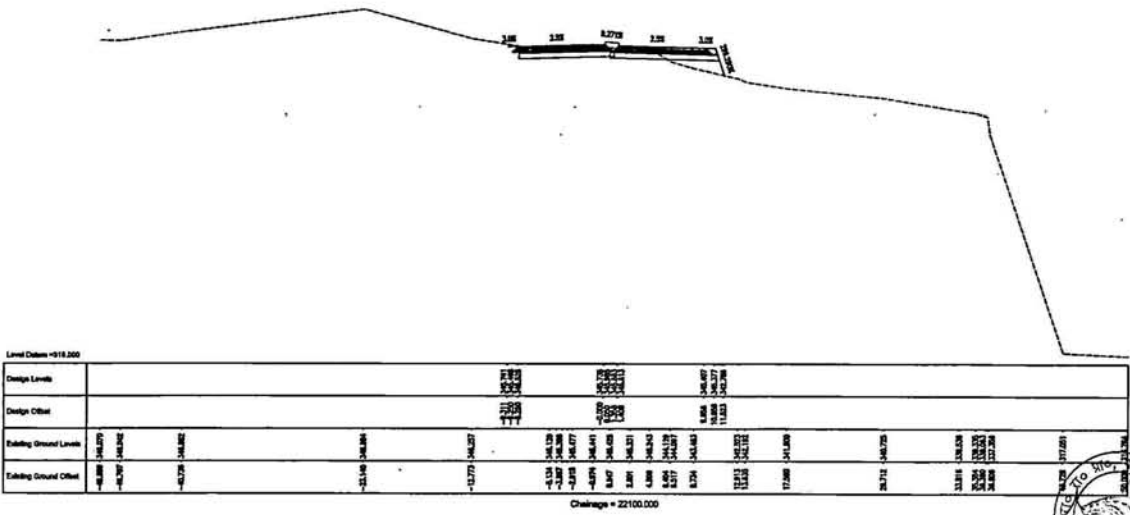
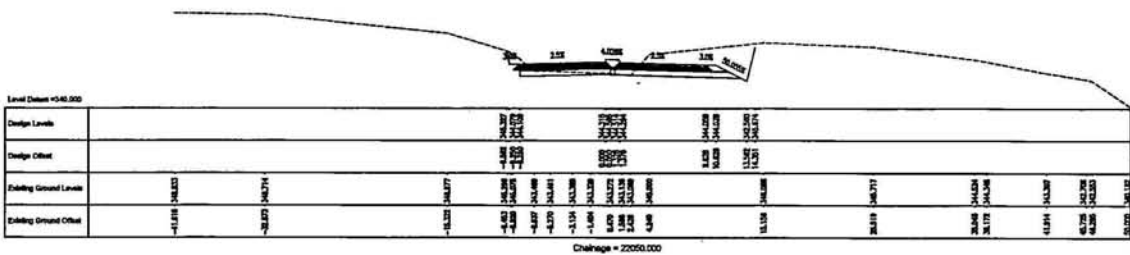
Chiirage = 21950.000



Chiirage = 22000.000



<p>Note:- Levels shown are not assumed datum.</p>	<p>Project Title Consulting services for preparation of detailed project report for rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jaipur - Udaipur section of NH-1A (km 0.00 to km 95.00) including Jaipur/Var/ Nagaria and Udaipur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C.0181</p>	<p>This drawing is the property of Scott Wilson India Private Limited and must not be copied or reproduced in any form without the written consent of the company. Any unauthorized use of this drawing is strictly prohibited and will be dealt with as per contract terms and conditions.</p>	<p>Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)</p>	<p>Drawing Title: CROSS SECTION CH. 21900.000 TO 22000.000 Drawing No.: SW/1019/ROADS/CS-45 Scale: NOT TO BE SCALED Date: JUNE-2009</p>	<p>Scott Wilson India Private Limited A-26/A, MOHAN CO-OPERATIVE HO. ESTATE WATIPURA ROAD NEW DELHI - 110044 Tel: (011) 41679340 - 49 Fax: (011) 41679350 E-mail: swinfo@swi.com</p>
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Note:- Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (km 8.00 to km 88.00) including Jammu(PW) Nagrota and Udhampur bypass Phase - II Programme of North-South corridor Project, Contract Package C-019

All drawings to be prepared in the metric system of units. All dimensions shall be given in metric units. If any dimension is given in feet and inches, it shall be converted to metric units. All dimensions shall be rounded off to the nearest millimetre. All dimensions shall be given in the metric system of units.

Client
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(Ministry of Shipping, Road Transport & Highways)

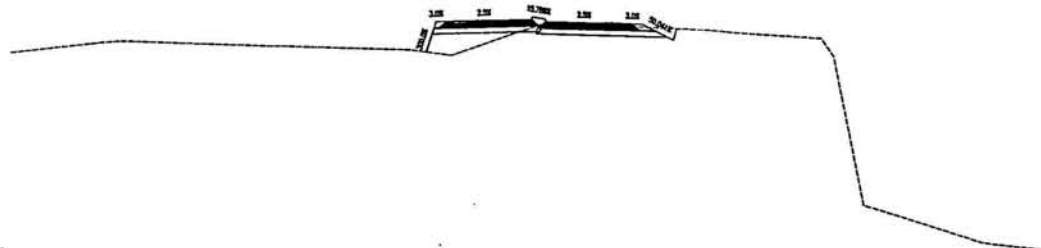
Drawing Title:
CROSS SECTION
CH. 22050.000 TO 22100.000

Drawing No. : SW/1019/ROADS/CS - 46

Scale :- NOT TO BE SCALED

Drn K.L.N. Dgn. K.PRASAD Appd. BRG.C.D.PURE Date JUNE-2009

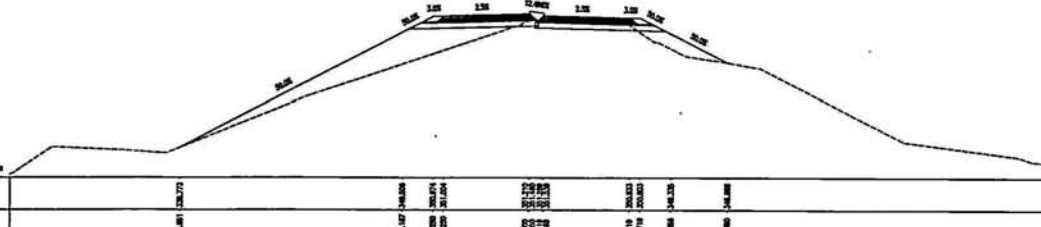
Scott/Wilson India Private Limited
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NEW DELHI - 110044
Tele: (011) 41879340 - 49
Fax: (011) 41879350
E-mail: r.wilson@wilson.com



Level Datum +108.000

Design Levels				14.853	14.853	14.853	14.853	14.853	14.853	14.853	14.853	14.853	14.853	14.853	14.853	14.853	14.853	14.853	14.853	14.853	14.853	14.853	14.853	
Design Offset				-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800
Existing Ground Levels	14.800	14.411	14.418	14.434	14.450	14.466	14.482	14.498	14.514	14.530	14.546	14.562	14.578	14.594	14.610	14.626	14.642	14.658	14.674	14.690	14.706	14.722	14.738	14.754
Existing Ground Offset	0.000	-0.389	-0.381	-0.378	-0.374	-0.370	-0.366	-0.362	-0.358	-0.354	-0.350	-0.346	-0.342	-0.338	-0.334	-0.330	-0.326	-0.322	-0.318	-0.314	-0.310	-0.306	-0.302	-0.298

Chiraga = 22150.000



Level Datum +108.000

Design Levels				15.807	15.807	15.807	15.807	15.807	15.807	15.807	15.807	15.807	15.807	15.807	15.807	15.807	15.807	15.807	15.807	15.807	15.807	15.807	15.807	
Design Offset				-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800	-4.800
Existing Ground Levels	15.800	15.411	15.418	15.434	15.450	15.466	15.482	15.498	15.514	15.530	15.546	15.562	15.578	15.594	15.610	15.626	15.642	15.658	15.674	15.690	15.706	15.722	15.738	15.754
Existing Ground Offset	0.000	-0.389	-0.381	-0.378	-0.374	-0.370	-0.366	-0.362	-0.358	-0.354	-0.350	-0.346	-0.342	-0.338	-0.334	-0.330	-0.326	-0.322	-0.318	-0.314	-0.310	-0.306	-0.302	-0.298

Chiraga = 22200.000




Note:-
Levels shown are not assumed datum.

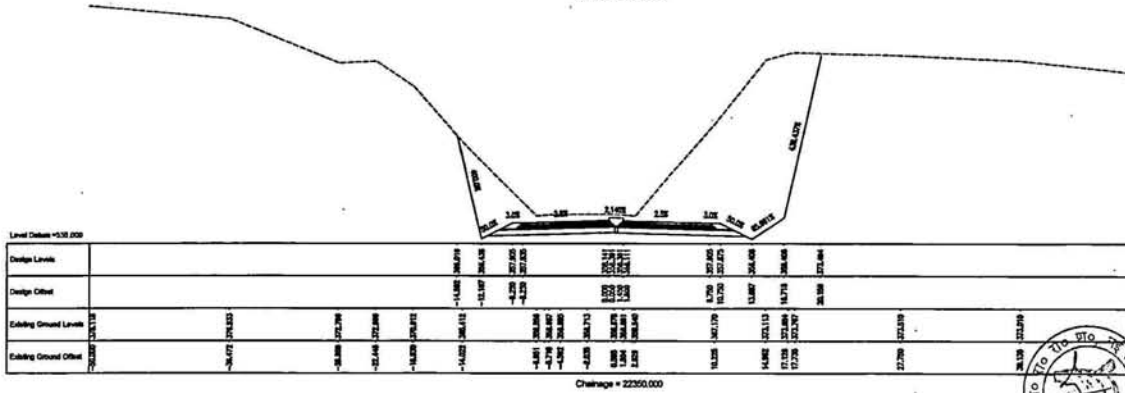
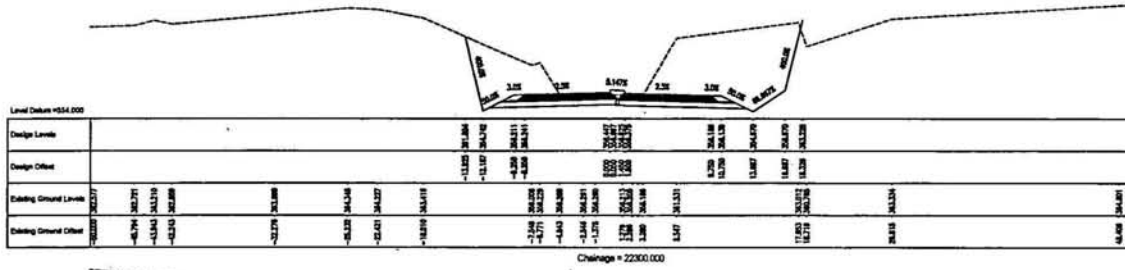
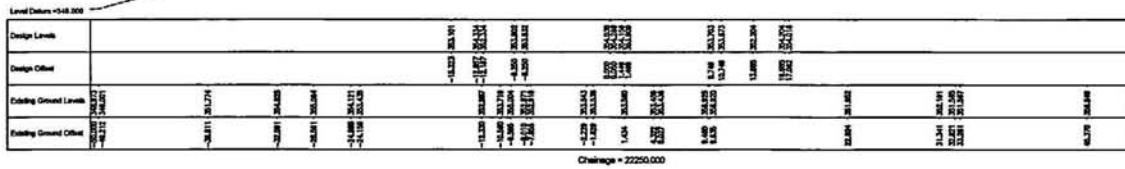
Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Janna - Uthupur section of NH-11 A (km 8.00 to km 16.00) including Janna(Pur) Nagara and Uthupur Bypass Phase - II. Programme of North - South - Corridor Project, Contract Package C-8/18

Client
NATIONAL HIGHWAYS
AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION,
CH. 22150.000 TO 22200.000
Drawing No.: SW/H019/ROADS/CS - 47
Scale: NOT TO BE SCALED
Drn: K.L.N
Depn: K.PRASAD
Appd: BRG.C.D.PUR
Date: JUNE-2009

Scott Wilson India Private Limited
A-26/4, MOHAN CO-OPERATIVE IND. ESTATE
MATHURA ROAD
NEW DELHI - 110044
Tele: (011) 41679340 - 49
Fax: (011) 41679350
E-mail: swinfo@swi.com





Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3 lane road to 4 lane dual carriageway configuration of Jammu - Udhampur section of NH-1A (Km 0.00 to Km 98.00) including Jammu(Port) Bypass and Udhampur Bypass Phase - II Programme of North-South - corridor Project, Contract Package U&V19

2009
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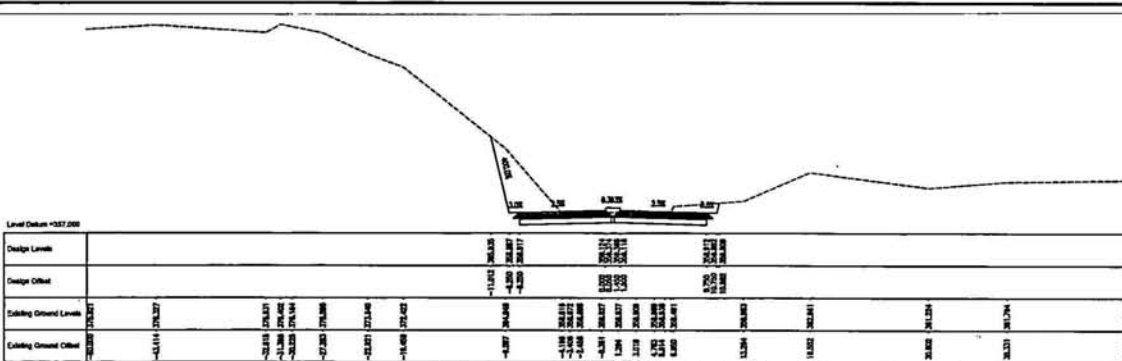
Client
 NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 22250.000 TO 22350.000
Drawing No.: SW/1019/ROADS/CS - 48
Scale 1:- NOT TO BE SCALED
Drn: K.L.N **Dgn:** K.PRASAD **Appr:** BRG.C.D.PUR **Date:** JUNE-2009

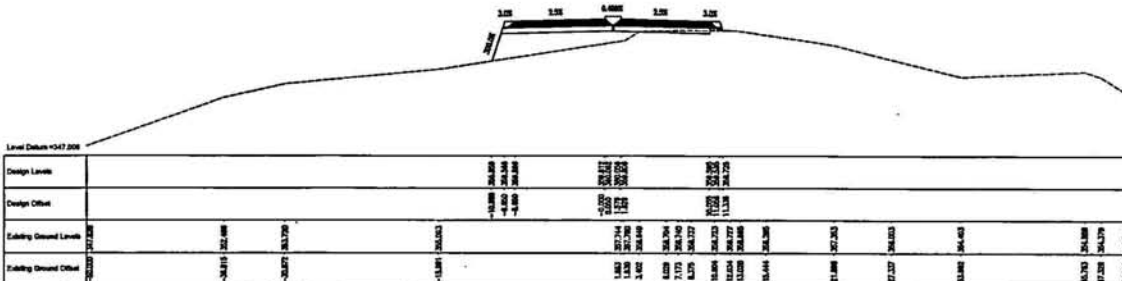


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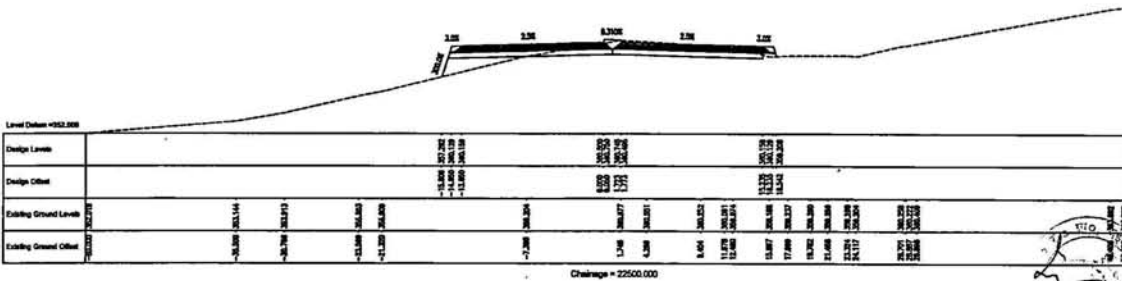




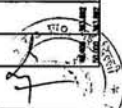
Chirga = 22400.000



Chirga = 22400.000



Chirga = 22500.000



Note:- Levels shown are not assumed datum.

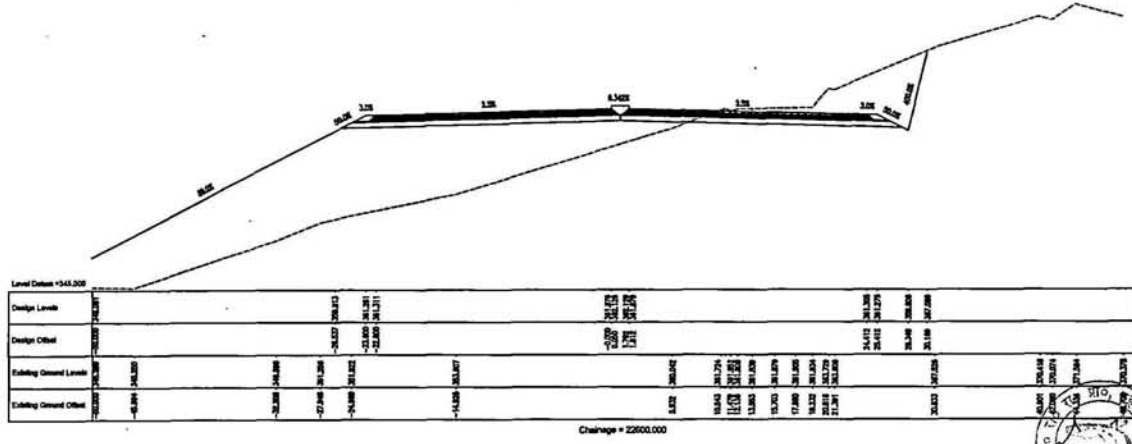
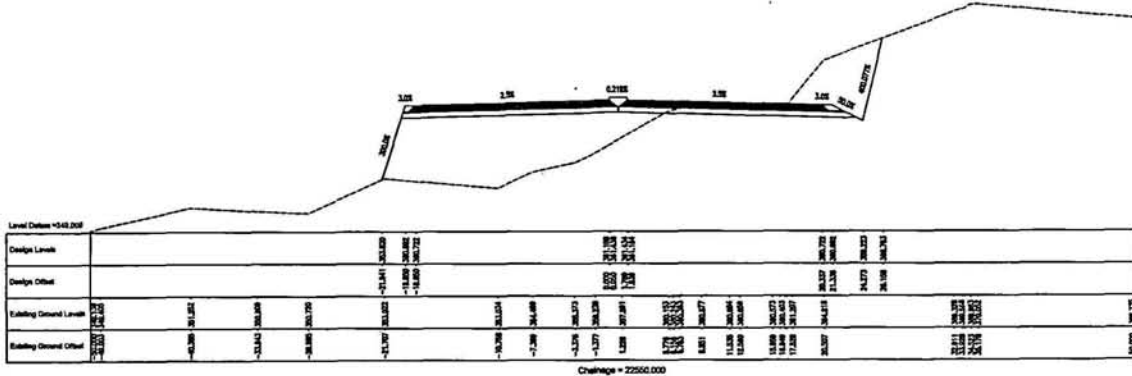
Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-44 A from 1.02 to Km 58.05 (including Jammu) NH-44 Jammu and Udhampur Region Phase - II Programme of North - South - corridor Project, Contract Package C-1914

Site Location
NH-44 Jammu and Udhampur Region Phase - II Programme of North - South - corridor Project, Contract Package C-1914

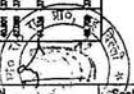
Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highway)

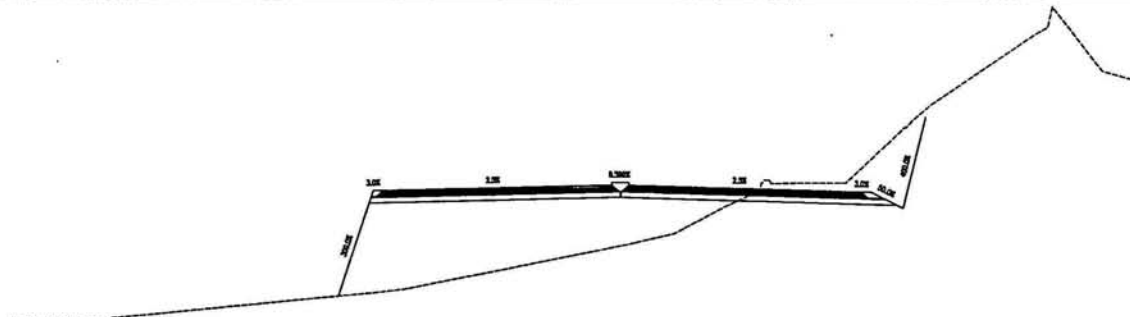
Drawing Title:
CROSS SECTION
CH. 22400.000 TO 22500.000
Drawing No.: SW/1019/ROADS/CS - 49 Sheet:
Scale: NOT TO BE SCALED
Dra: K.L.N. Dgn: K.PRASAD Appd: SING.C.D.PURI Date: #JUNE-2009

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NEW DELHI - 110044
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E-mail: scwin50@rediffmail.com



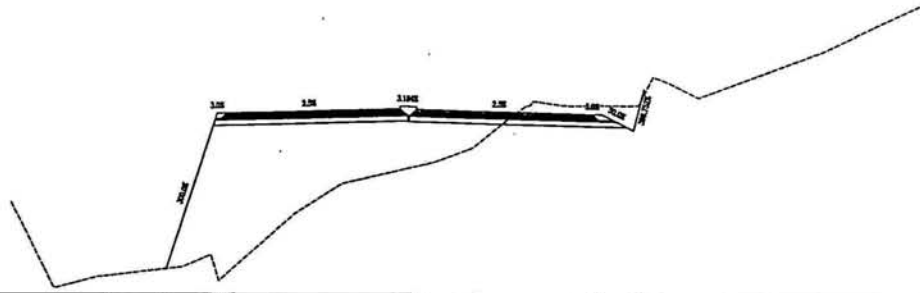
<p>Note:- Levels shown are not assumed datum.</p>	<p>Project Title Consulting services for preparation of detailed project report for substitution and upgrading of existing 2-lane road to 4-lane divided Cartageway configuration of Jamnā - Udhampur section of NH-1 A 5km 0.00 to km 86.00 including Armo(P)Nigra and Udhampur Bypass Phase - III Programme of North-South - corridor Project, Contract Package C-0918</p>	<p>Notwithstanding to the contrary, SCOTT WILSON INDIA PRIVATE LIMITED and need not be responsible in any manner for any and all subsequent alterations, modifications, omissions, errors, etc. or other circumstances in the drawings or other documents prepared by the client.</p>	<p>Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)</p>	<p>Drawing Title: CROSS SECTION CH. 22550.000 TO 22600.000</p> <p>Drawing No. : SW/1019/ROADS/CS - 50</p> <p>Scale :- NOT TO BE SCALED</p> <p>Drn K.L.N</p> <p>Dgn. K.PRASAD</p> <p>Appd BRO.C.D.PURH</p> <p>Date JUNE-2009</p>	<p>Scott Wilson India Private Limited 4-25/A, MOHAN CO-OPERATIVE IND. ESTATE WATKURA ROAD NEW DELHI - 110044 Tele: (011) 41679340 - 49 Fax: (011) 41679350 E-mail : swico@swilco.com</p> <p style="text-align: right;">Scott Wilson</p>
---	--	---	---	---	--





Level Datum	+98.888									
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										
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	112.000	112.500	113.000	113.500	114.000	114.000	113.500	113.000	112.500	112.000

Chairsage = 22650.000



Level Datum	+98.888									
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										
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	112.000	112.500	113.000	113.500	114.000	114.000	113.500	113.000	112.500	112.000

Chairsage = 22700.000

Note: Levels shown are not assumed datum.

Project Title
 Consulting services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1 A (Km 8.80 to Km 88.20) including Jammu-Udhampur section and Udhampur Bypass Phase - III Programme of North-South corridor Project, Contract Package C-8718

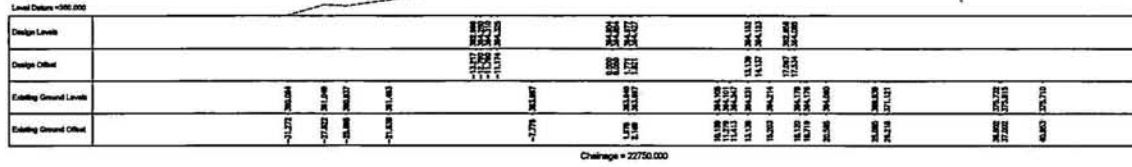
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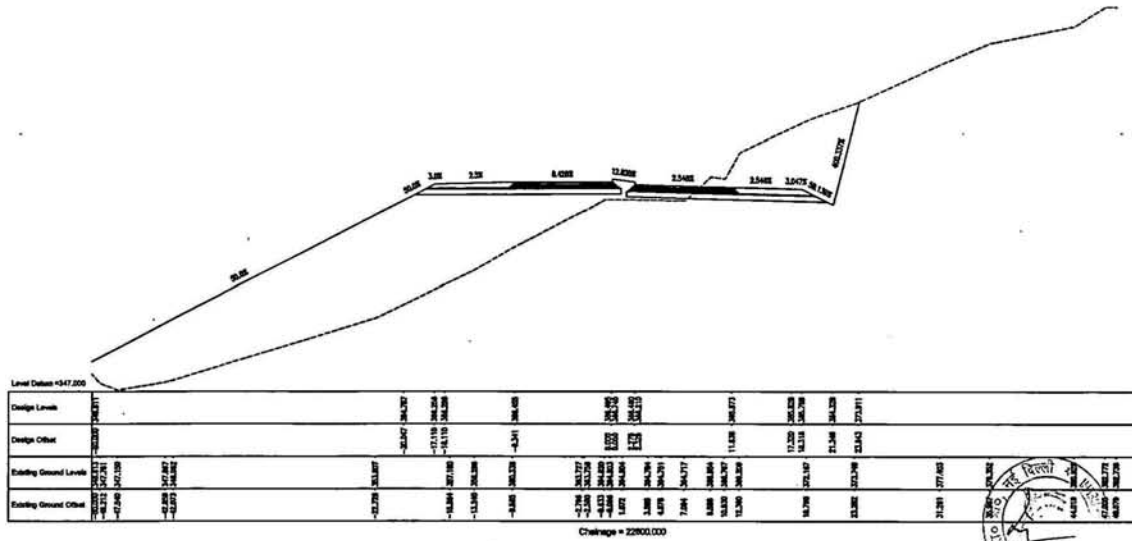
Drawing Title: CROSS SECTION CH. 22650.000 TO 22700.000
Drawing No.: SW/1019/ROADSCS - 51
Scale: NOT TO BE SCALED
Dn: K.L.N
Dgn: K.PRASAD
Appd: BRG.C.D.PUR
Date: JUNE-2009

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Chainage = 22750.000



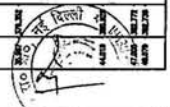
Chainage = 22800.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3 lane road to 4 lane divided Carriageway on/alongside of Jorawa - Udhampur section of NH-1 A (km 8.00 to km 98.00) including Jorawa/Bari) Bypass and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-8/18

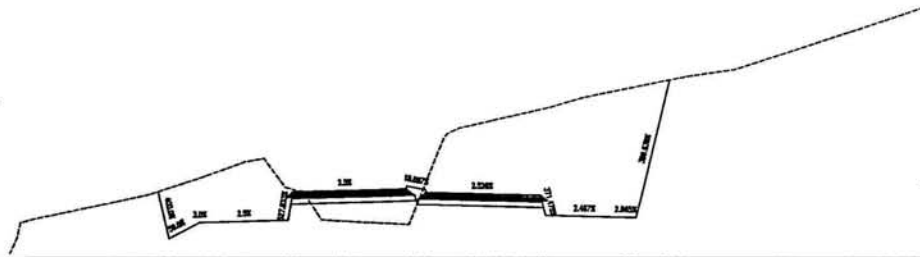
Client
 NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 22750.000 TO 22800.000
Drawing No.: SW/1019/ROADS/C/S - 52
Scale: NOT TO BE SCALED
Drawn: K.L.N.
Checked: K.PRASAD
Approved: S.R.G.C.D.PURJ
Date: JUNE-2009



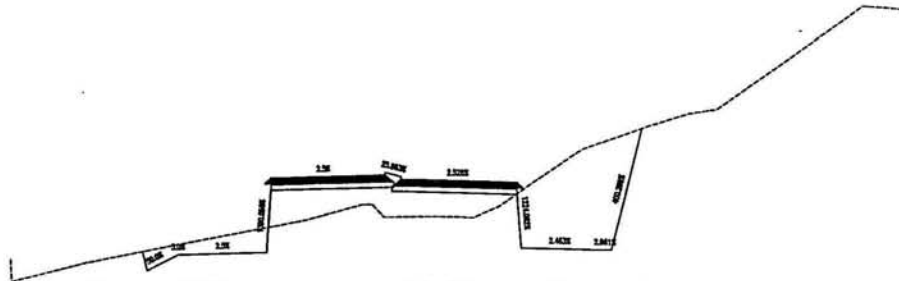
Scott Wilson India Private Limited
 A-26/4, MOHAN CO-OPERATIVE HO. ESTATE MATHURA ROAD NEW DELHI - 110044
 Tel: (011) 41673340 - 49
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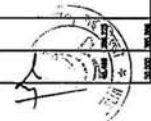
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Design Levels										
Design Offset										
Existing Ground Levels	24.25	24.26	24.27	24.28	24.29	24.30	24.31	24.32	24.33	24.34
Existing Ground Offset	-24.25	-24.26	-24.27	-24.28	-24.29	-24.30	-24.31	-24.32	-24.33	-24.34

Chirpage = 22950.000



Level Datum +986.000										
Design Levels										
Design Offset										
Existing Ground Levels	24.25	24.26	24.27	24.28	24.29	24.30	24.31	24.32	24.33	24.34
Existing Ground Offset	-24.25	-24.26	-24.27	-24.28	-24.29	-24.30	-24.31	-24.32	-24.33	-24.34

Chirpage = 22950.000



Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (km 0.00 to km 80.00) including Jammu/Parit Nagar and Udhampur Bypass Phase - II Programme of North-South - corridor Project, Contract Package C-8/18

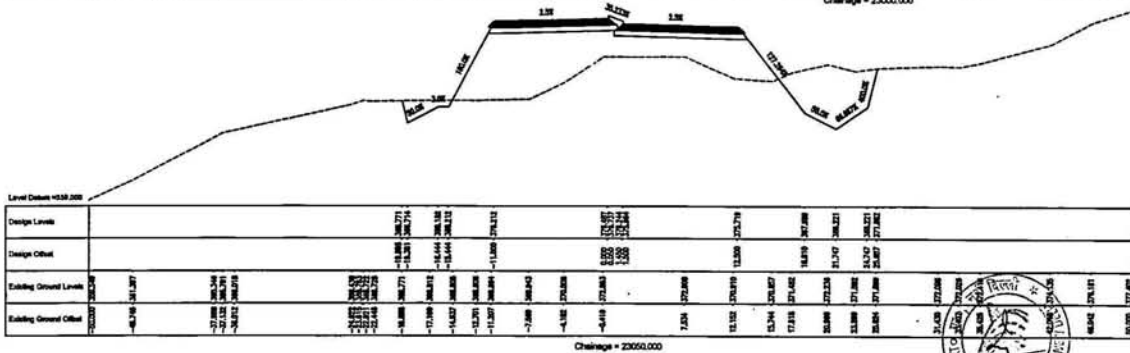
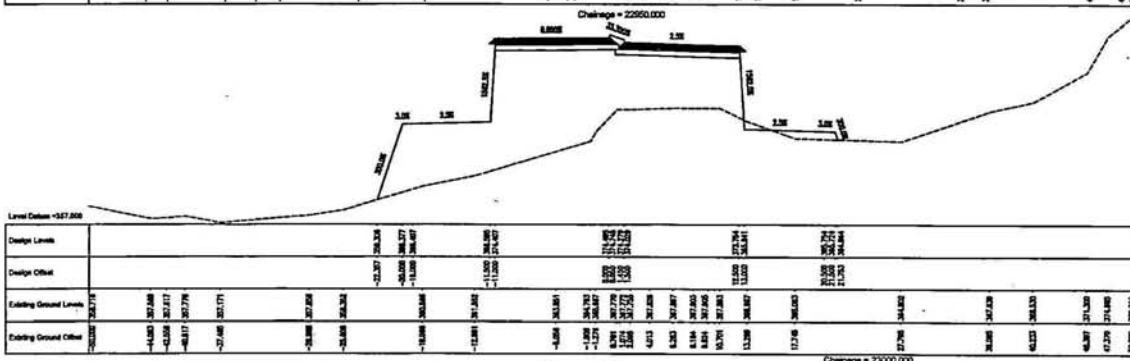
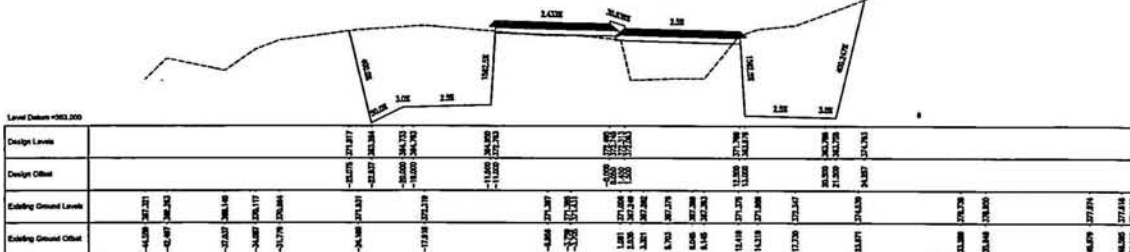
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Drawing Title: CROSS SECTION CH. 22850.000 TO 22900.000
Drawing No.: SW/1019/ROADS/CS - 53
Scale: NOT TO BE SCALED
Drn: K.L.N. **Dgn:** K.PRASAD **Appd:** BRIG.C.D.PURI **Date:** JUNE-2009

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 Fax: (011) 41679350
 E-mail: rai@scwipr.com





Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1A (Km 0.00 to km 06.00) including Jammu, Part Nagre and Udhampur Bypass Phase - II Programme of North - South - corridors Project, Contract Package C-0918

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Drawing Title:
**CROSS SECTION
 CH. 22950+660 TO 23050.000**

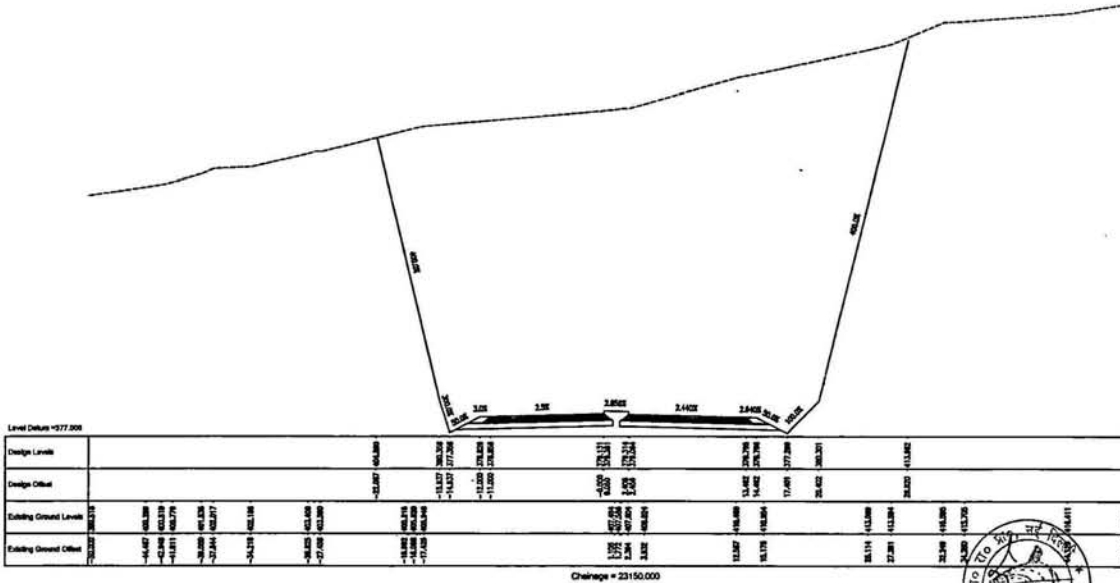
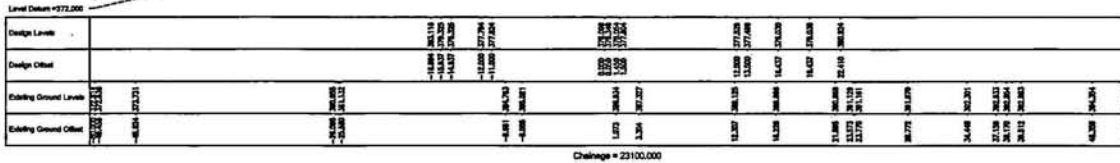
Drawing No.: SW/1019/ROADS/CS - 54

Scale :- NOT TO BE SCALED

Drn. K.L.N. Dgn. K.PRASAD Appd. BRG.C.D.PUR Date JUNE-2009

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 E-mail: scwilco@snl.com





Note:- Levels shown are not assumed datum.

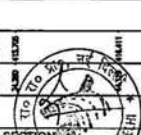
Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 6-lane divided carriageway configuration of Jammu - Udhampur section of NH-1 A (from 5.00 to km 86.00) including Jammu/Parti Nagrota and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-018

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Drawing Title: CROSS SECTION
 CH. 23100.000 TO 23150.000
Drawing No.: SW/1018/ROADSCS-56
Scale:- NOT TO BE SCALED
Des: K.L.N. **Dgn.:** K.PRASAD **Appd:** BRIG.C.D.PUR **Date:** JUNE-2009

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 Fax: (011) 41679350
 E-mail : scwinfo@swi.com



Note:- Levels shown are not assumed values.

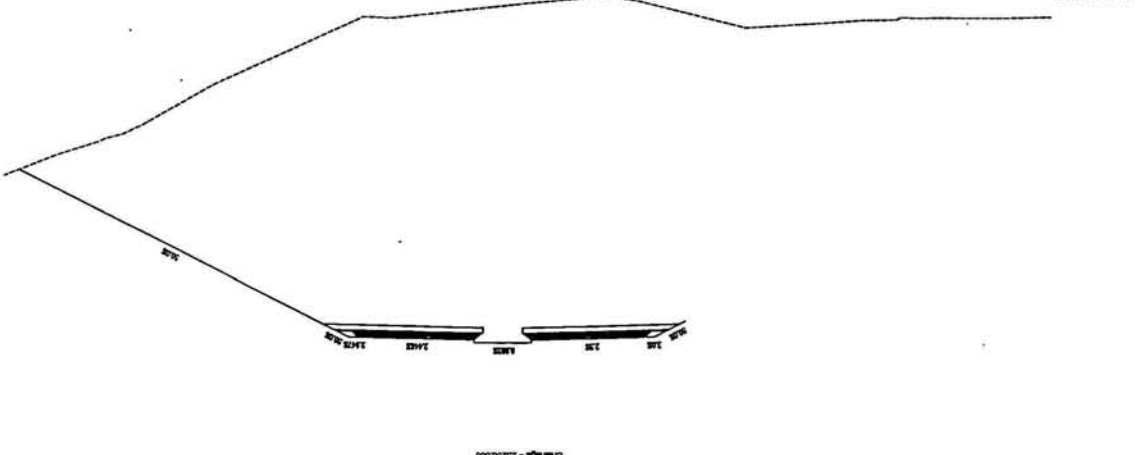
Project Title
 Designation: Senior Engineer (Roads)
 Project: Construction and upgrading of existing 2 lane road to 4 lane divided road with 2.5m wide shoulders and 15% camber.
 Contract No: SW/1019/ROADS/CS-58
 Contract Value: Rs. 23200.000

NATIONAL HIGHWAYS
 (Ministry of Shipping, Road Transport & Highways)

Scale: NOT TO BE SCALE
 Drawing No.: SW/1019/ROADS/CS-58
 Date: JUNE-2008
 Appd: K.PRASAD
 Desd: C.D.PUNJ
 F-102: www.pwv.com
 Fax: (011) 4187330
 Tel: (011) 4187340 - 49
 New Delhi - 110044
 WILSON
 SOLE AGENT: Wilson India Private Limited
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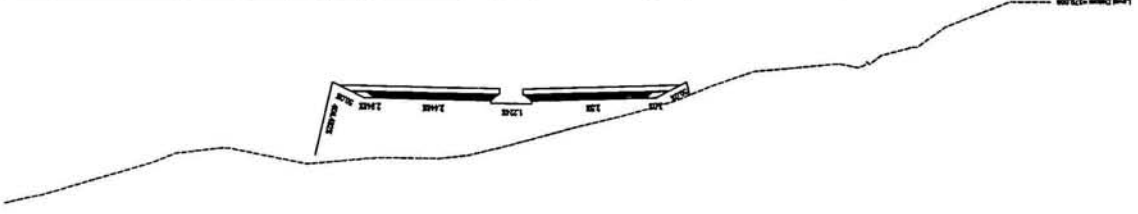
Level Chain = 0+000

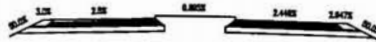
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0+010	2.500	2.500	2.500
0+020	2.500	2.500	2.500
0+030	2.500	2.500	2.500
0+040	2.500	2.500	2.500
0+050	2.500	2.500	2.500
0+060	2.500	2.500	2.500
0+070	2.500	2.500	2.500
0+080	2.500	2.500	2.500
0+090	2.500	2.500	2.500
0+100	2.500	2.500	2.500
0+110	2.500	2.500	2.500
0+120	2.500	2.500	2.500
0+130	2.500	2.500	2.500
0+140	2.500	2.500	2.500
0+150	2.500	2.500	2.500
0+160	2.500	2.500	2.500
0+170	2.500	2.500	2.500
0+180	2.500	2.500	2.500
0+190	2.500	2.500	2.500
0+200	2.500	2.500	2.500
0+210	2.500	2.500	2.500
0+220	2.500	2.500	2.500
0+230	2.500	2.500	2.500
0+240	2.500	2.500	2.500
0+250	2.500	2.500	2.500
0+260	2.500	2.500	2.500
0+270	2.500	2.500	2.500
0+280	2.500	2.500	2.500
0+290	2.500	2.500	2.500
0+300	2.500	2.500	2.500



Level Chain = 0+250

Chainage	Design Level	Existing Ground Level	Clearing Ground Level
0+250	2.500	2.500	2.500
0+260	2.500	2.500	2.500
0+270	2.500	2.500	2.500
0+280	2.500	2.500	2.500
0+290	2.500	2.500	2.500
0+300	2.500	2.500	2.500
0+310	2.500	2.500	2.500
0+320	2.500	2.500	2.500
0+330	2.500	2.500	2.500
0+340	2.500	2.500	2.500
0+350	2.500	2.500	2.500
0+360	2.500	2.500	2.500
0+370	2.500	2.500	2.500
0+380	2.500	2.500	2.500
0+390	2.500	2.500	2.500
0+400	2.500	2.500	2.500
0+410	2.500	2.500	2.500
0+420	2.500	2.500	2.500
0+430	2.500	2.500	2.500
0+440	2.500	2.500	2.500
0+450	2.500	2.500	2.500
0+460	2.500	2.500	2.500
0+470	2.500	2.500	2.500
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0+490	2.500	2.500	2.500
0+500	2.500	2.500	2.500

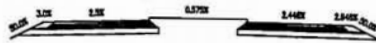




Level Datum = 948.000

Design Levels																			
Design Offset																			
Existing Ground Levels																			
Existing Ground Offset																			

Chainage = 23300.000



Level Datum = 932.000

Design Levels																			
Design Offset																			
Existing Ground Levels																			
Existing Ground Offset																			

Chainage = 23350.000



Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1 A from 0.00 to km 66.00 including Jammu(Part) Nagda and Udhampur bypass Phase - II Programme of North - South - corridor Project, Contract Package C-2218

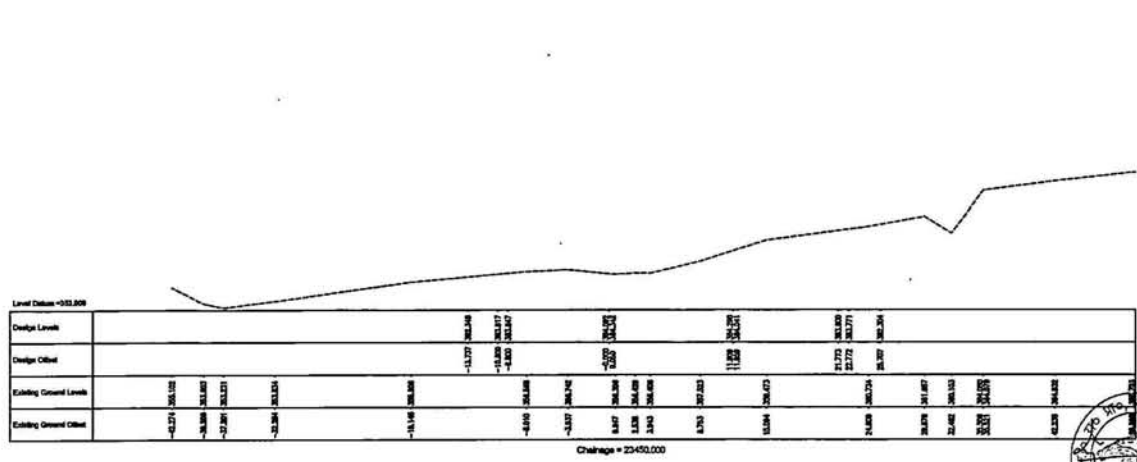
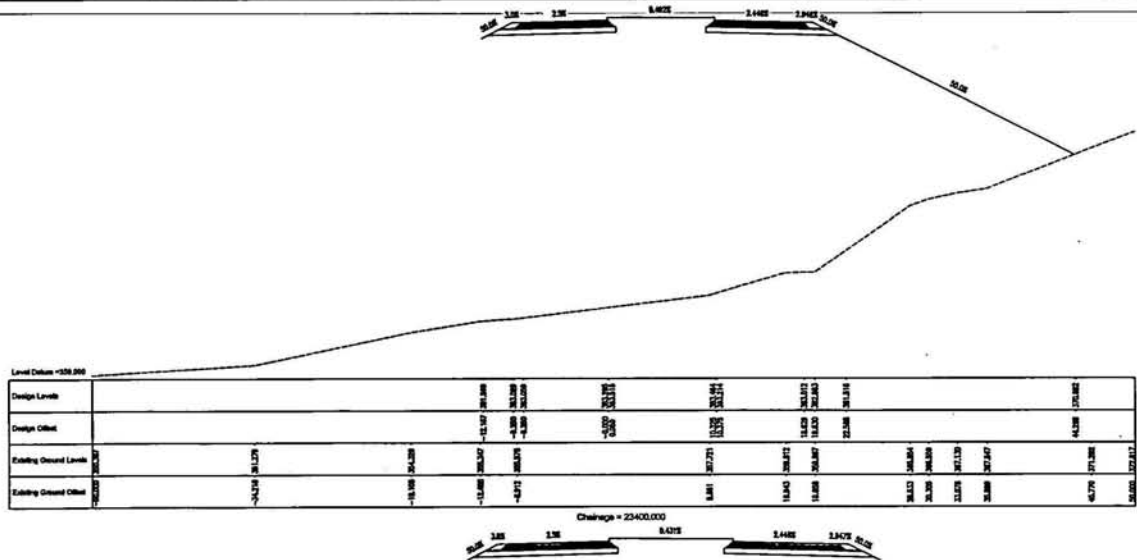
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Drawing Title: CROSS SECTION CH. 23300.000 TO 23350.000
 Drawing No. : SW/1019/ROADS/CS - 57 Sheet :
 Scale :- NOT TO BE SCALED
 Dn K.L.N Dgn. K.PRASAD Appd BRG.C.D.PURI Date JUNE-2009

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 Fax: (011) 41679350
 E-mail : swinfo@pse.com





Note:- Levels shown are not assumed values.

Project Title
 Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 3-lane road to 4-lane divided carriageway configuration at Jarani - Udhampur section of NH-1 A (Km 8.00 to Km 85.00) including Jarani(Fort) Nigra and Udhampur bypass Phase - II Programme of North-South corridor Project, Contract Package C-8718.

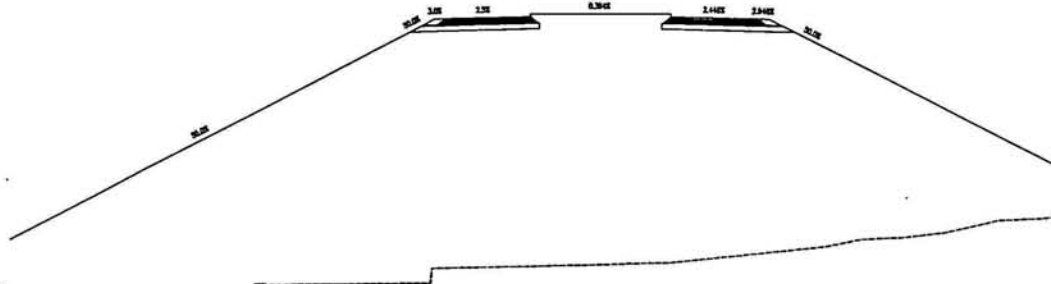
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Drawing Title: CROSS SECTION CH. 23400.000 TO 23450.000
Drawing No.: SW/1019/ROADS/CS - 58
Scale: NOT TO BE SCALED
Dn: K.L.N
Dgn: K.PRASAD
Appd: BRG.C.D.PURE
Date: JUNE-2009

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 E-mail: scwinfo@swl.com

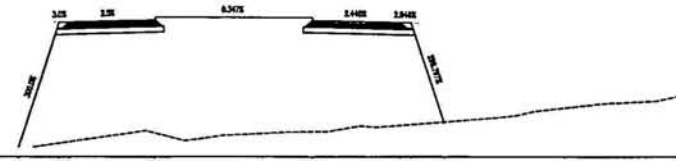




Level Datum = 109.000

Design Levels	12.60	12.60	12.60	12.60	12.60	12.60	12.60	12.60	12.60	12.60	12.60
Design Offset	-12.60	-12.60	-12.60	-12.60	-12.60	-12.60	-12.60	-12.60	-12.60	-12.60	-12.60
Existing Ground Levels	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
Existing Ground Offset	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60

Chirraage = 23500.000



Level Datum = 97.000

Design Levels	12.60	12.60	12.60	12.60	12.60	12.60	12.60	12.60	12.60	12.60	12.60
Design Offset	-12.60	-12.60	-12.60	-12.60	-12.60	-12.60	-12.60	-12.60	-12.60	-12.60	-12.60
Existing Ground Levels	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
Existing Ground Offset	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60

Chirraage = 23550.000

Note:-
Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 5km road to 4 lane divided carriageway configuration of Jammu - Udhampur section of NH-44 A (km 8.00 to km 66.00) including Jammu(Ur) Bypass and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-8/18

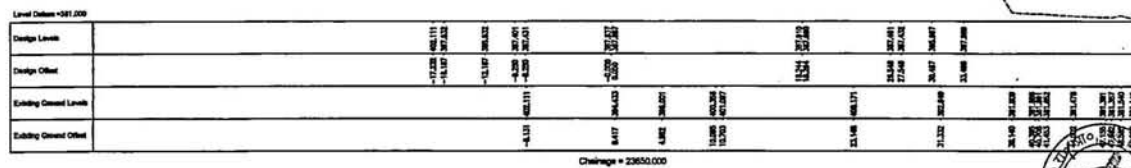
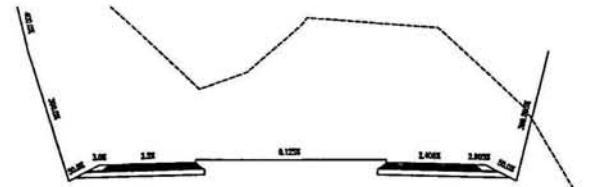
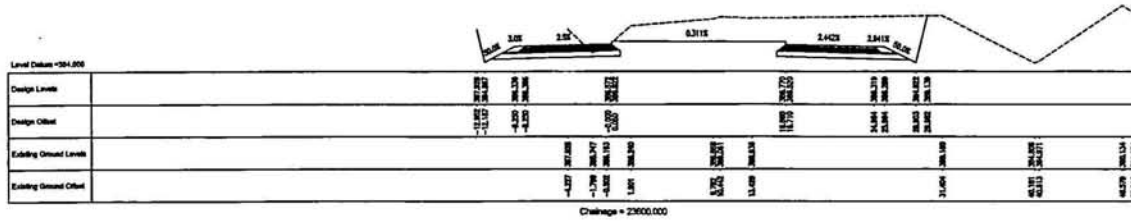
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Drawing Title: CROSS SECTION CH. 23500.000 TO 23550.000
Drawing No.: SW/1019/ROADSCS-59
Scale: NOT TO BE SCALED
Dn: K.L.N
Dgn: K.PRASAD
Appd: BRO.C.C.D.PUR
Date: JUNE-2009

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Note:- Levels shown are not assumed data.

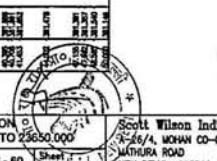
Project Title
 Consultancy services for preparation of detailed project report for
 Rehabilitation and upgrading of existing 3-lane road to 4-lane divided
 carriageway configuration of Jammu - Udhampur section of NH-1A
 from 8.00 to km 96.00 including Jammu (part) Bypass and Udhampur
 Bypass Phase - III Programme of North - South - corridor Project,
 Contract Package C-8718

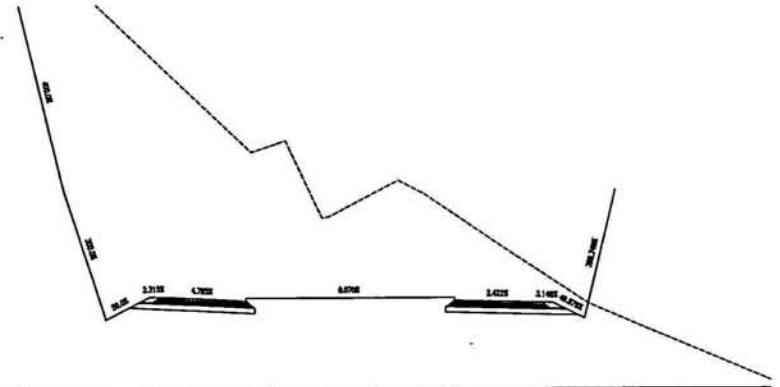
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Drawing Title: CROSS SECTION @
 CH: 23600.000 TO 23650.000
 Drawing No.: SWU/1019/ROADS/CS - 60
 Scale :- NOT TO BE SCALED
 Dn: K.L.N Dgn: K.PRASAD Appd: BRG.C.D.PURI Date: JUNE-2009

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Level Datum = 581.200

Design Level	-11.790	-11.790	-11.790	-11.790	-11.790	-11.790	-11.790	-11.790	-11.790	-11.790	-11.790	-11.790	-11.790	-11.790	-11.790	-11.790
Design Offset																
Existing Ground Level																
Existing Ground Offset																

Chainage = 23700.000



Note:-
Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Janna - Ulbargarh section of NH-4 A (km 0.00 to km 84.00) including Janna/Purti Bypass and Ulbargarh Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-6018

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Drawing Title: CROSS SECTION
CH. 23700.000
Drawing No.: SW/1019/ROADSCS - 61
Scale :- NOT TO BE SCALED
Dn: K.L.N. Dgn: K.PRASAD Appd: BRCC.D.PURJ Date: JUNE-2009

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Level Cross +300.000							
Design Levels							
Design Offset							
Existing Ground Levels							
Existing Ground Offset							

Chairsge + 23750.000



Note:-
Levels shown are not assumed data.

Project Title
Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway comprising of Jammu - Udhampur section of NH-1 A. (km 0.00 to km 68.00) including Jammu (Part) Nagrova and Udhampur bypass Phase - II Programme of North - South - corridors Project, Contract Package C-M78

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Drawing Title: CROSS SECTION CH. 23750.000
Drawing No.: SW/1019/ROADS/CS - 62
Scale :- NOT TO BE SCALED
Dm: KLLN **Dgn.:** K.PRASAD **Appd:** BRIG.C.D.PUR **Date:** JUNE-2009

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Level Datum = 991.000

Design Levels																				
Design Offset																				
Existing Ground Levels	991.000	991.000	991.000	991.000	991.000	991.000	991.000	991.000	991.000	991.000	991.000	991.000	991.000	991.000	991.000	991.000	991.000	991.000	991.000	991.000
Existing Ground Offset																				

Chirpage = 23000.000

Note:-
Levels shown are not measured details.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1 A from 9.80 to km 96.00 including Jammu(Ur) Nagrota and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-818

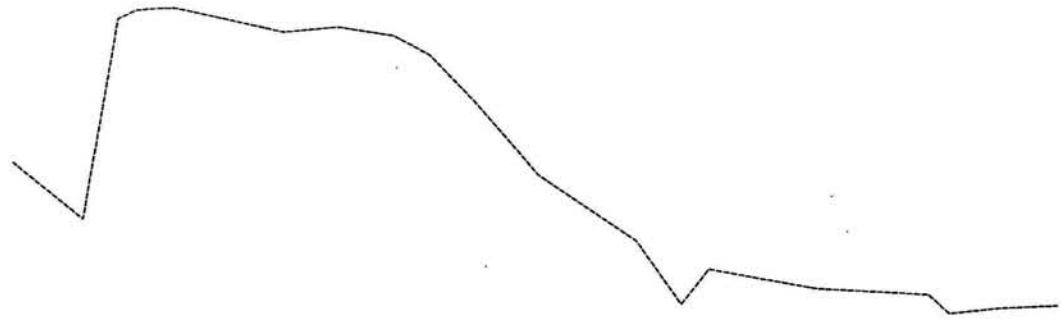
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Drawing Title: CROSS SECTION
CH. 23800.000
Drawing No.: SW/1019/ROADS/CS - 63
Scale: NOT TO BE SCALED
Dn: K.L.N
Dgn: K.PRASAD
Appd: BRIG.C.D.PUR
Date: JUNE-2009

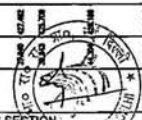
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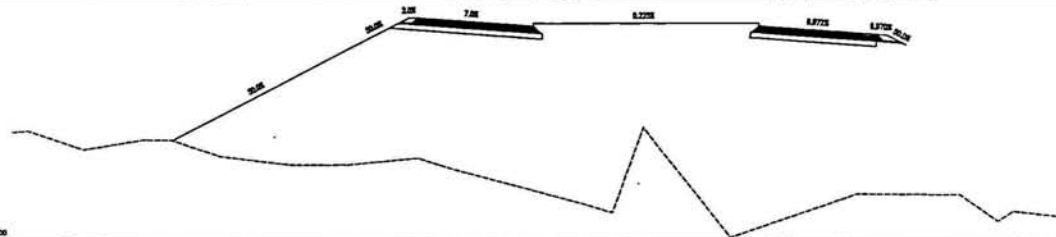


Level Datum = 384.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 23850.000



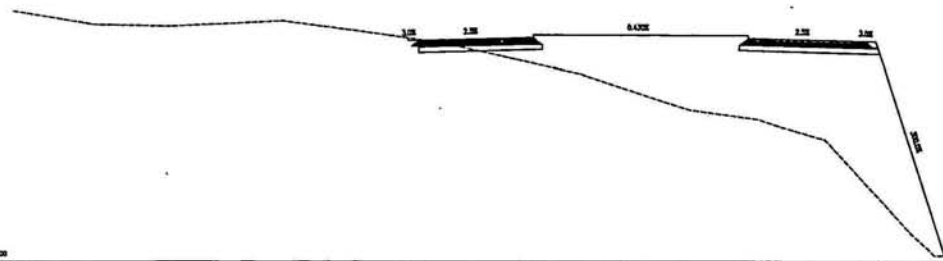
<p>Note:- Levels shown are not measured datum.</p>	<p>Project Title Consolidation services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1 A (Km 0.00 to Km 88.00) including Jammu(Urb) Bypass and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-818</p>	<p>This drawing is the property of SCOTT WILSON INDIA PRIVATE LIMITED and shall not be shown or be any portion of, made or authorized by or for any other person without the written consent of the said firm. It is to be used only for the purpose for which it is prepared.</p>	<p>Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)</p>	<p>Drawing Title: CROSS SECTION CH. 23850.000</p> <p>Drawing No. : SW/1019/ROADS/CS - 64</p> <p>Scale :- NOT TO BE SCALED</p> <table border="1"> <tr> <td>Drn K.L.N</td> <td>Dgn. K.PRASAD</td> <td>Appd BRC.C.D.PURD</td> <td>Date JUNE-2009</td> </tr> </table>	Drn K.L.N	Dgn. K.PRASAD	Appd BRC.C.D.PURD	Date JUNE-2009	<p>Sheet : Scott Wilson India Private Limited A-26/4, WSHN CO-OPERATIVE IND. ESTATE MATHURA ROAD NEW DELHI - 110044 Tele: (011) 41679340 - 49 Fax: (011) 41679350 E-mail - swindia@gmail.com</p>
	Drn K.L.N	Dgn. K.PRASAD	Appd BRC.C.D.PURD	Date JUNE-2009					
<p>146</p>									



Level Datum +261.000

Design Levels																					
Design Offset																					
Existing Ground Levels	260.00	261.10	261.15	260.80	260.60	260.50	260.40	260.30	260.20	260.10	260.00	259.90	259.80	259.70	259.60	259.50	259.40	259.30	259.20	259.10	259.00
Existing Ground Offset	-0.00	-0.10	-0.15	-0.40	-0.60	-0.70	-0.80	-0.90	-1.00	-1.10	-1.20	-1.30	-1.40	-1.50	-1.60	-1.70	-1.80	-1.90	-2.00	-2.10	-2.20

Chaiage = 24000.000



Level Datum +262.000

Design Levels																					
Design Offset																					
Existing Ground Levels	260.00	261.00	261.00	260.80	260.60	260.50	260.40	260.30	260.20	260.10	260.00	259.90	259.80	259.70	259.60	259.50	259.40	259.30	259.20	259.10	259.00
Existing Ground Offset	-0.00	-1.00	-1.00	-1.20	-1.40	-1.50	-1.60	-1.70	-1.80	-1.90	-2.00	-2.10	-2.20	-2.30	-2.40	-2.50	-2.60	-2.70	-2.80	-2.90	-3.00

Chaiage = 24050.000



Note:- Levels shown are not assumed datum.

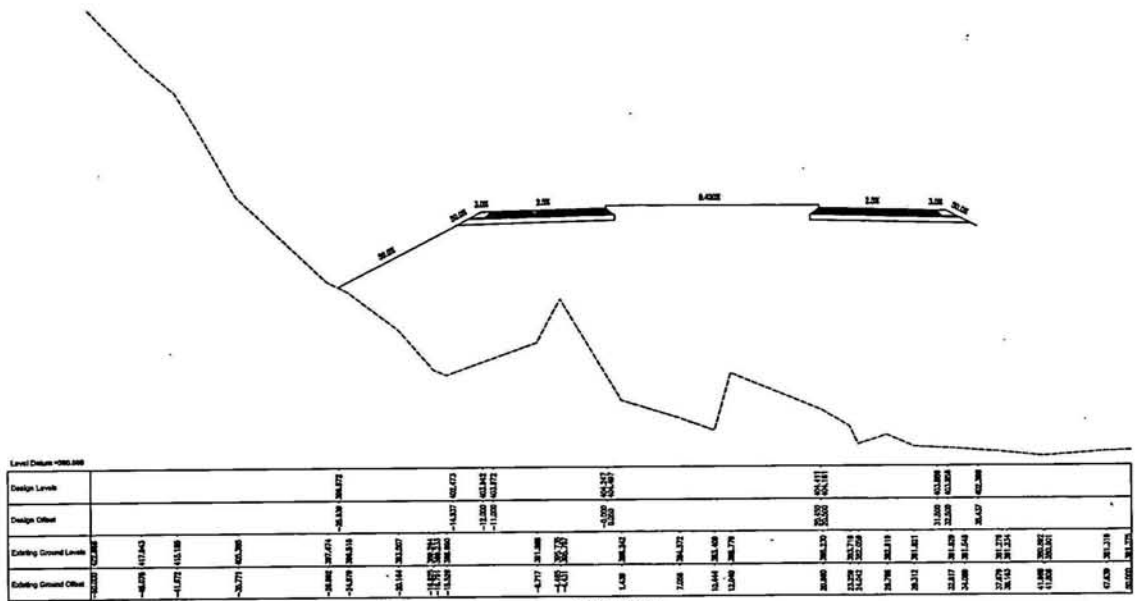
Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1 A from 0.00 to km 86.00 including Jammu/Punjab Nagar and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-8918

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Drawing Title: CROSS SECTION CH. 24000.000 TO 24050.000
Drawing No. : SW/1019/ROADS/CS - 66
Scale :- NOT TO BE SCALED
Dtn K.L.N Dgn. KPRASAD Appd BRG.C.D.PUR Date JUNE-2008

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Fax: (011) 41679350
E-mail: scwilson@yahoo.com



<p>Note:- Levels shown are not assumed datum.</p>	<p>Project Title Consulting services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1 A (km 8.00 to km 66.00) including Jammu/Parb Negrate and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-8914</p>	<p>Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)</p>	<p>Drawing Title: CROSS SECTION CH. 24100.000</p> <p>Drawing No.: SW/1019/ROADS/CS - 67</p> <p>Scale: NOT TO BE SCALED</p> <p>Drn: K.L.N Dgn: K.PRASAD Appd: SING.C.D.PURJ Date: JUNE-2009</p>
			<p>Sheet: 7</p> <p>Scott Wilson India Private Limited A-26/4, MOHAN CO-OPERATIVE HO. ESTATE MATHURA ROAD NEW DELHI - 110044 Tele: (011) 41679340 - 49 Fax: (011) 41679350 E-mail: swi66@swi.com</p>

Level Datum = 108.000

Design Levels																		
Design Offset																		
Existing Ground Levels	108.000	107.200	106.500	105.800	105.100	104.400	103.700	103.000	102.300	101.600	100.900	100.200	99.500	98.800	98.100	97.400	96.700	96.000
Existing Ground Offset	-0.000	-0.800	-1.500	-2.200	-2.900	-3.600	-4.300	-5.000	-5.700	-6.400	-7.100	-7.800	-8.500	-9.200	-9.900	-10.600	-11.300	-12.000

Chisrage = 24150.000

Level Datum = 107.000

Design Levels																		
Design Offset																		
Existing Ground Levels	107.000	106.500	106.000	105.500	105.000	104.500	104.000	103.500	103.000	102.500	102.000	101.500	101.000	100.500	100.000	99.500	99.000	98.500
Existing Ground Offset	-0.000	-0.500	-1.000	-1.500	-2.000	-2.500	-3.000	-3.500	-4.000	-4.500	-5.000	-5.500	-6.000	-6.500	-7.000	-7.500	-8.000	-8.500

Chisrage = 24000.000

Note: Levels shown are not assumed values.

Project Title: Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1A (from 0.00 to km 86.00) including Jammu(Ur) Bypass and Udhampur Bypass Phase - II Programme of North-South - corridor Project, Contract Package C-8919

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Drawing Title: CROSS SECTION CH. 24150.000 TO 24200.000



Drawing No.: SW/1019/ROADS/CS - 68

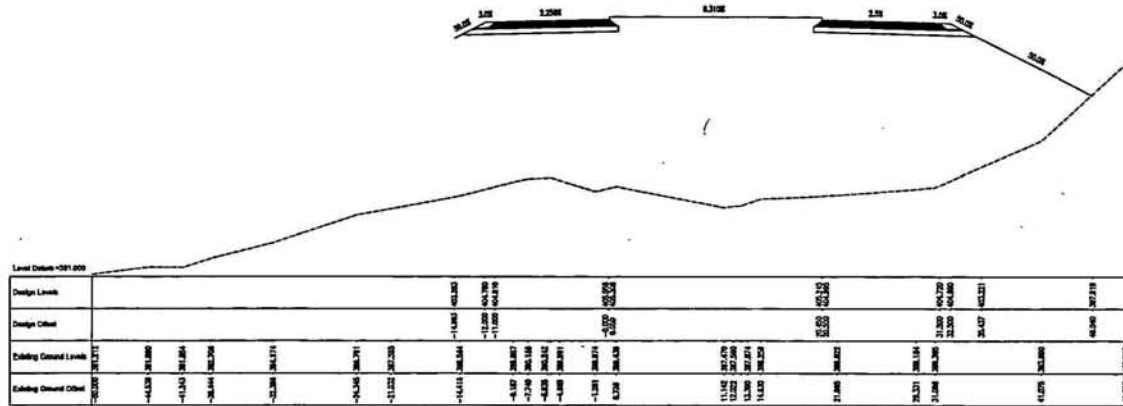
Scale: NOT TO BE SCALED

Dwg: K.L.N. Dgn: K.PRASAD Appd: BRG.C.D.PURI Date: JUNE-2009

Sheet: _____

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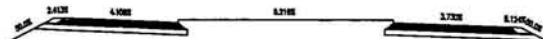





Chainage = 24250.000



<p>Note:- Levels shown are not assumed datum.</p>	<p>Project Title Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1 A (km 0.00 to km 68.00) including Jammu(Pur) Bypass and Udhampur Bypass Phase - III Programme of North - South - corridor Project, Contract Package C-819</p>	<p>This drawing is the property of SCOTT WILSON INDIA PRIVATE LIMITED and must not be reproduced in any manner or used for any purpose other than that for which it was prepared and for which permission is given by the Engineer-in-Charge.</p>	<p>Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)</p>	<p>Drawing Title: CROSS SECTION CH. 24250.000 Drawing No.: SW/1019/ROADS/CS - 69 Scale: NOT TO BE SCALED Des.: K.L.N. Dgn.: K.PRASAD Appd: BRG.C.D.PUR Date: JUNE-2009</p>	<p>Scott Wilson India Private Limited A-26/A, MOHAN CO-OPERATIVE IND. ESTATE MATHURA ROAD NEW DELHI - 110044 Tel: (011) 41679340 - 49 Fax: (011) 41679350 E-mail: swindia@rediffmail.com</p>
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Level Datum = 556.000

Design Levels														
Design Offset														
Existing Ground Levels	24.55	24.43	24.33	24.23	24.13	24.03	23.93	23.83	23.73	23.63	23.53	23.43	23.33	23.23
Existing Ground Offset	-0.20	-0.30	-0.40	-0.50	-0.60	-0.70	-0.80	-0.90	-1.00	-1.10	-1.20	-1.30	-1.40	-1.50

Chainage = 24300.000



Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for
 Rehabilitation and upgrading of existing 2-lane road to 4-lane divided
 carriageway configuration of Jammu - Udhampur section of NH-1A
 (km 2.00 to km 24.00) including Jammu (Part) Nagrota and Udhampur
 Bypass Phase - II Programme of North-South corridor Project,
 Contract Package C-0112

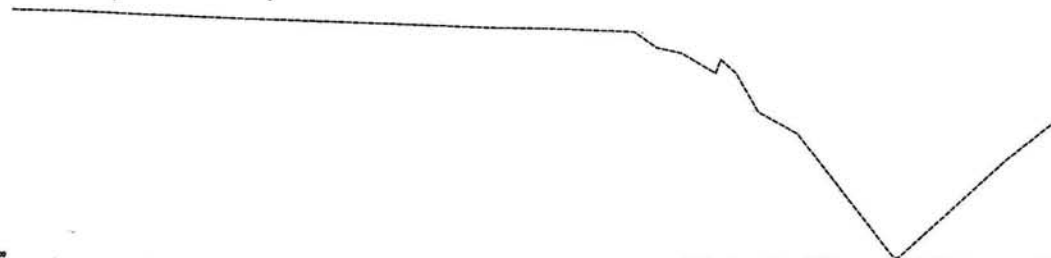
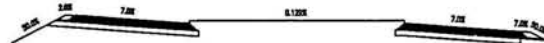
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Drawing Title: CROSS SECTION
 CH. 24300.000
 Drawing No.: SWH1019/ROADS/C5-70
 Scale: NOT TO BE SCALED
 Dm: K.L.N.
 Dgn: K.PRASAD
 Appd: BRG.C.D.PUR
 Date: JUNE-2009

Sheet: 1
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Level Datum +330.000
Design Levels
Design Offset
Existing Ground Levels
Existing Ground Offset

Chainage = 24350.000



Note:-
Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Cartage-way configuration of Jammu - Udhampur section of NH-1A (Km 0.00 to Km 90.00) including Jammu/POW Negra and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-0018

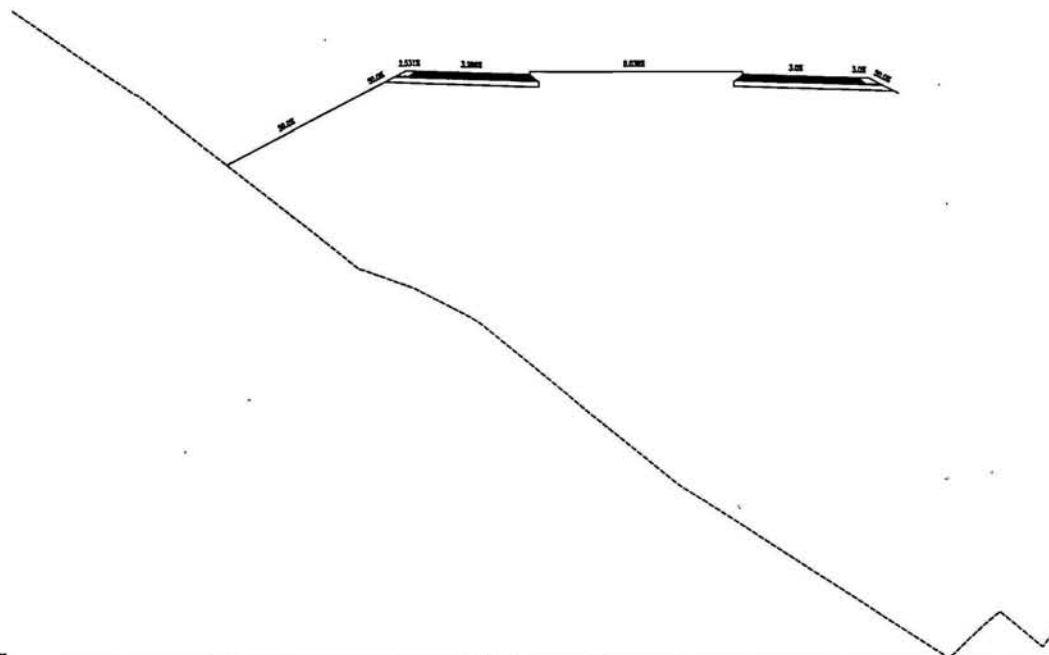
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Drawing Title: **CROSS SECTION CH. 24350.000**
 Drawing No.: SW/1018/ROADS/CS - 71
 Scale :- NOT TO BE SCALED
 Dn: KLLN Dgn: K.PRASAD Appd: BRIG.C.D.PUR Date: JUNE-2009

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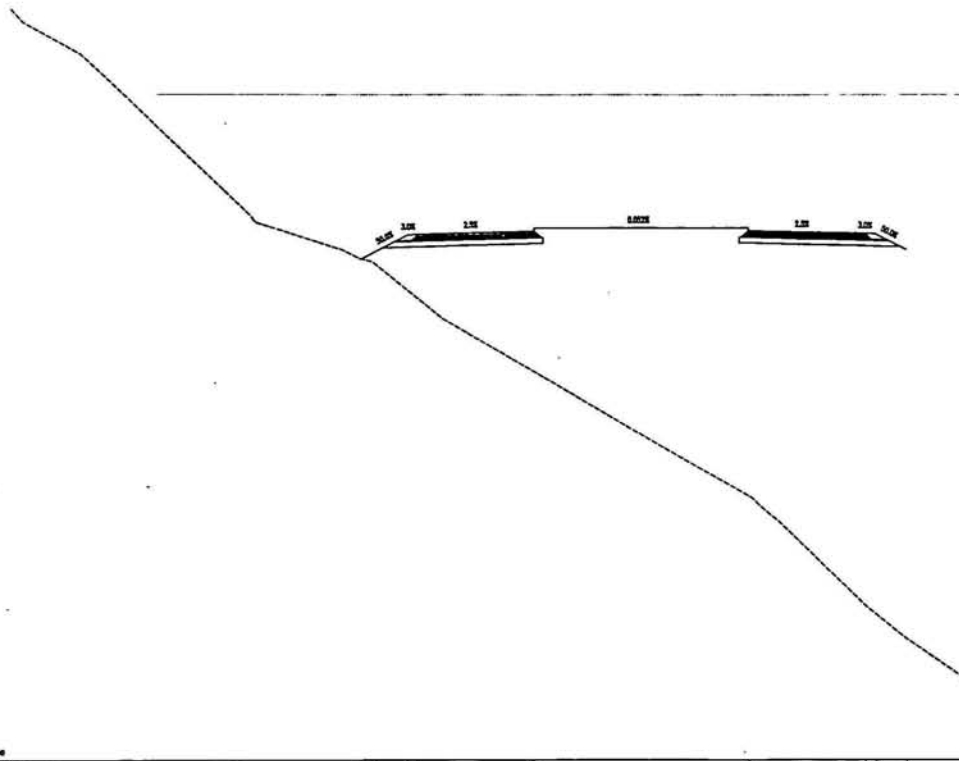


Level Datum +152.000	Station 1+000	Station 1+100	Station 1+200	Station 1+300	Station 1+400	Station 1+500	Station 1+600	Station 1+700	Station 1+800	Station 1+900	Station 2+000
Design Levels											
Design Offset											
Existing Ground Levels	18.26	18.37	18.38	18.39	18.40	18.41	18.42	18.43	18.44	18.45	18.46
Existing Ground Offset											

Chaisage = 24400.000



Note:- Levels shown are not assumed datum.	Project Title Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (from 0.00 to less than 86.00) including Jammu/Partly Nagrova and Udhampur Bypass Phase - III Programme of North - South - corridor Project, Contract Package C-1818	No. drawing is the property of Scott Wilson India Private Limited and must not be copied or used in any way without the prior written consent of the company. In case of any dispute, the decision of the company shall be final.	Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)	Drawing Title: CROSS SECTION CH. 24400.000	Scott Wilson India Private Limited A-25/4, MOHAN CO-OPERATIVE HO. ESTATE WATKIN ROAD NEW DELHI - 110044 Tele: (011) 41679340 - 49 Fax: (011) 41679350 E-mail: swindia@gmail.com
				Drawing No. : SW/1019/ROADS/CS - 72 Scale :- NOT TO BE SCALED Dn K.L.N Dgn. K.PRASAD Appd. BRG.C.D.PUR Date JUNE-2009	



Level Datum = 126.850											
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											

Chainage = 24450.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-11 A (from 0.00 to km 85.00) including Jammu/Pathi Nagri and Udhampur Bypass Phase - II Programme of North-South - corridor Project, Contract Package C-6718

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
 CH. 24450.000

Drawing No.: SW/1019/ROADS/CS - 73

Scale: NOT TO BE SCALED

Drn: K.L.N. **Dgn:** K.PRASAD **Appd:** BSG.C.D.PURJ **Date:** JUNE-2009

Sheet:

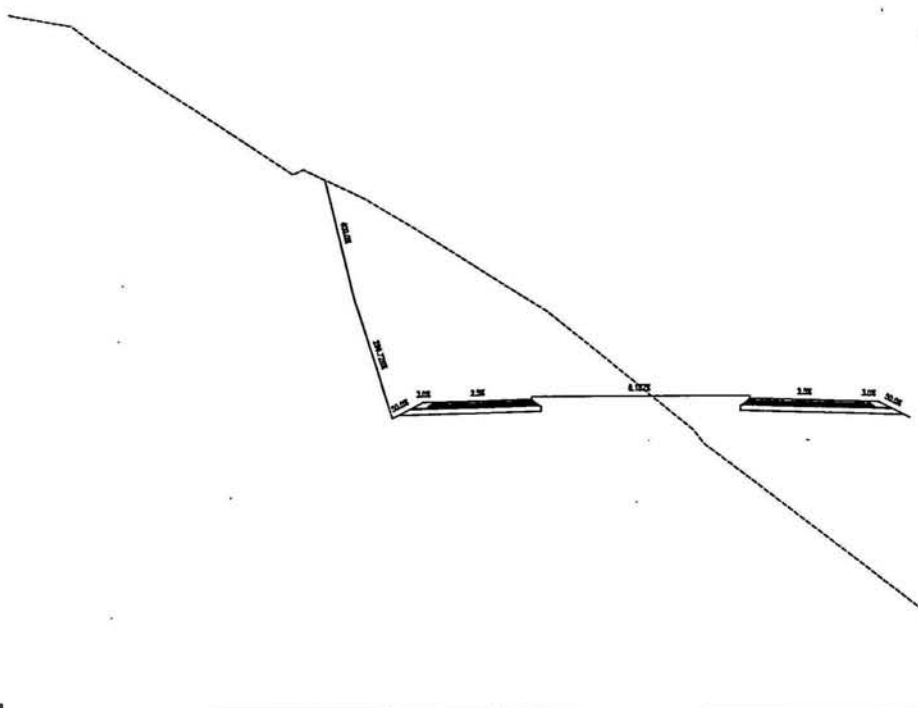
Scale: NOT TO BE SCALED

Drn: K.L.N. **Dgn:** K.PRASAD **Appd:** BSG.C.D.PURJ **Date:** JUNE-2009



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Level Datum +376.000

Design Levels																				
Design Offset																				
Existing Ground Levels																				
Existing Ground Offset																				

Chainage = 24500.000



Note:- Levels shown are w.r.t assumed datum.

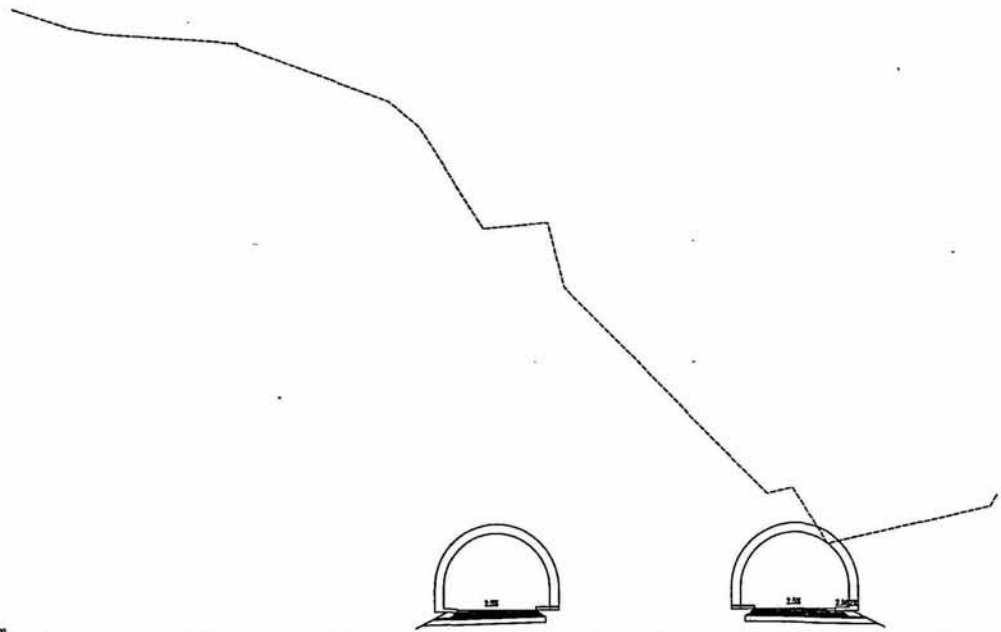
Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jaunpur - Uthampur section of NH-1 A (part 0.00 to km 85.00) including Jaunpur, Part of Nagaria and Uthampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-0218

Site location The project is situated on the Jaunpur - Uthampur section of NH-1 A (part 0.00 to km 85.00) including Jaunpur, Part of Nagaria and Uthampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-0218.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
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Drawing Title: CROSS SECTION
 CH. 24500.000
Drawing No.: SWH/1018/ROADS/CS - 74
Scale: NOT TO BE SCALED
Drn: K.L.N. **Dgn:** K.PRASAD **Appd:** BRG.C.D.PUR **Date:** JUNE-2009

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 Fax: (011) 41679350
 E-mail: swindia@swindia.com



Level Datum +400.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 24550.000



Note:- Levels shown are not assumed datum.


Project Title
 Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jaamra - Uthampur section of NH-1 A (km 0.00 to km 06.00) including Jarrao(Pur) Bypass and Uthampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-0716

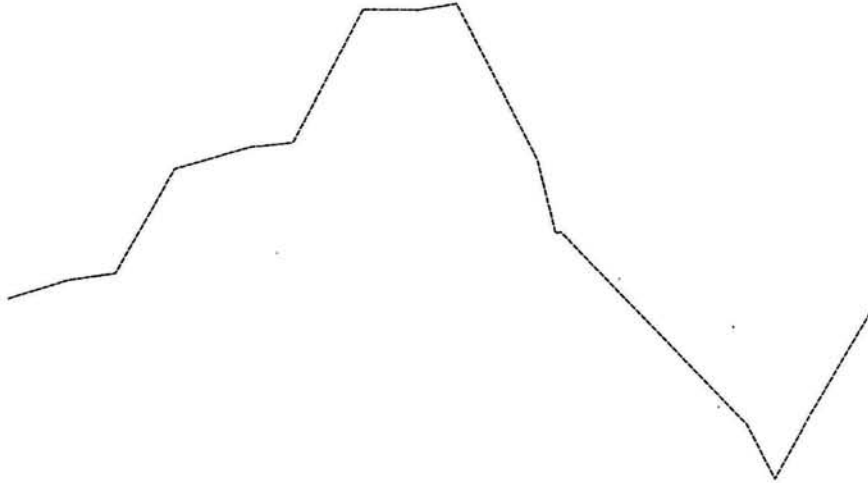
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Drawing Title: CROSS SECTION
 CH. 24550.000
Drawing No.: SW/1019/ROADS/CS - 75
Scale: NOT TO BE SCALED
Drn: K.L.N.
Dgn: K.PRASAD
Appd: ENG.C.D.PURI
Date: JUNE-2009

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 Fax: (011) 41679330
 E-mail: swindia@rediffmail.com





Level Datum = 105.000

Design Levels														
Design Offset														
Existing Ground Levels	102.70	103.00	103.50	104.00	105.00	105.50	106.00	106.50	107.00	107.50	108.00	108.50	109.00	109.50
Existing Ground Offset														

Chainage = 24500.000



Note:-
Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-11 A (km 0.00 to km 16.00) including Jammu/Part Nagrore and Udhampur Bypass Phases - III Programme of North - South - corridors Project, Contract Package C-6918

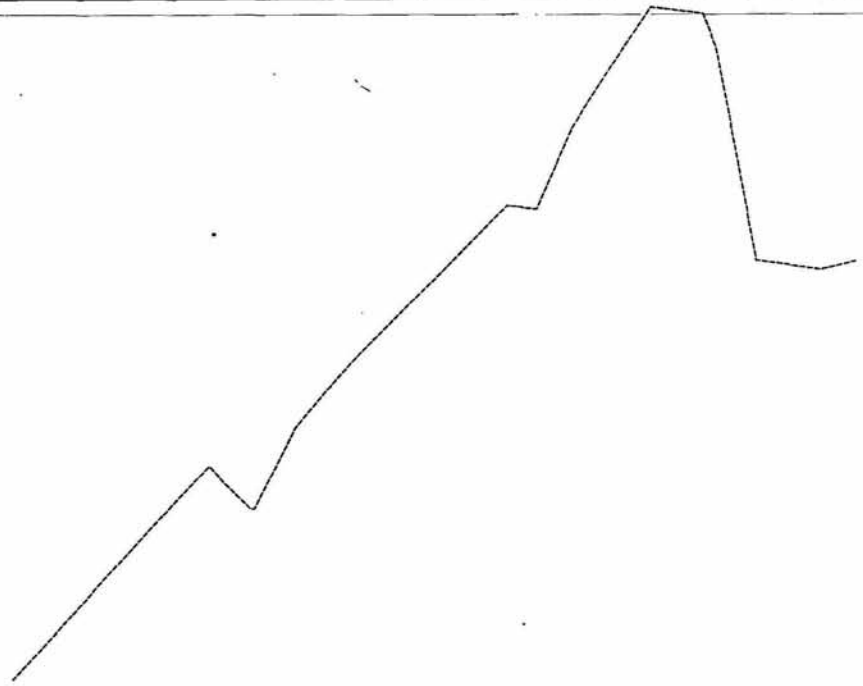
All drawings to be prepared in the metric system. The drawings shall be submitted in two copies, one in hard copy and one in soft copy. The drawings shall be submitted to the Engineer-in-Charge, NHAI, New Delhi, in accordance with the specifications of the NHAI. The drawings shall be submitted to the Engineer-in-Charge, NHAI, New Delhi, in accordance with the specifications of the NHAI.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
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Drawing Title: CROSS SECTION
CH. 24500.000
Drawing No.: SW/1019/ROADS/CS - 76
Scale :- NOT TO BE SCALED
Des: KLN
Dgn: K.PRASAD
Appd: BRIG.C.D.PUR
Date: JUNE-2009

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Fax: (011) 41679350
E-mail: scwinfo@scw.com





Level Datum = 408.800										
Design Levels										
Design Chain										
Existing Ground Levels										
Existing Ground Chain										

Charge = 24650.000



Note:-
Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for
Rehabilitation and upgrading of existing 2-lane road to 4-lane divided
Carriageway configuration of Jamnagar - Udaipur section of NH-1 A
(Km 6.00 to Km 80.00) including Jamnagar/Hazira and Udaipur
Bypass Phase - II Programme of North - South corridor Project,
Contract Package C-2016

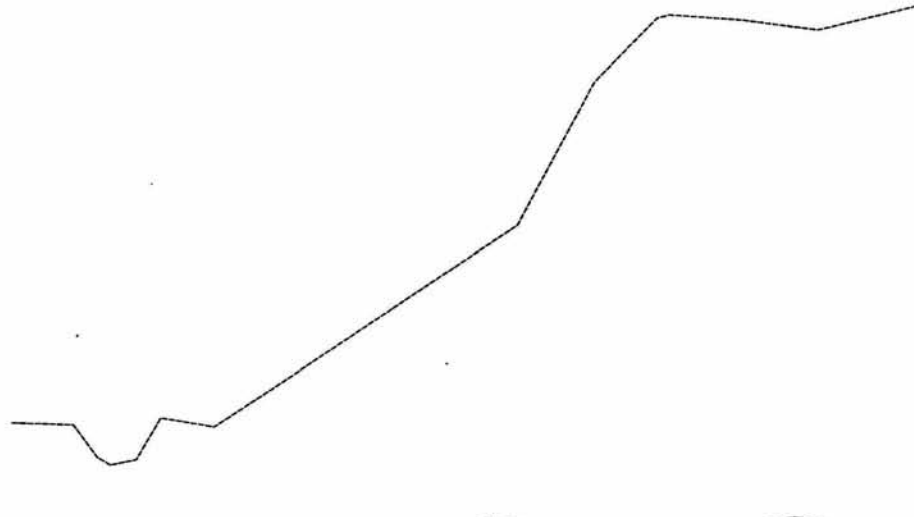
This contract is for the design of the road and related work for the project. It does not include the construction of the road and related work. The contractor shall be responsible for the construction of the road and related work. The contractor shall be responsible for the construction of the road and related work.

Client
NATIONAL HIGHWAYS
AUTHORITY OF INDIA
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Drawing Title: CROSS SECTION
CH. 24650.000
Drawing No.: SW/1019ROADS/CS-77
Scale: NOT TO BE SCALED
Date: JUNE-2009

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E-mail: info@swindia.com





Level Datum +407.200

Design Levels									
Design Offset									
Existing Ground Levels									
Existing Ground Offset									

Chirnage = 24700.000

Note:-
Levels above sea level assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Category configuration of Jammu - Udhampur section of NH-1A (on 0.00 to km 16.00) including Jammu/ParQ Nagrota and Udhampur Bypass Phase - III Programme of North - South - corridors Project, Contract Package C-0218

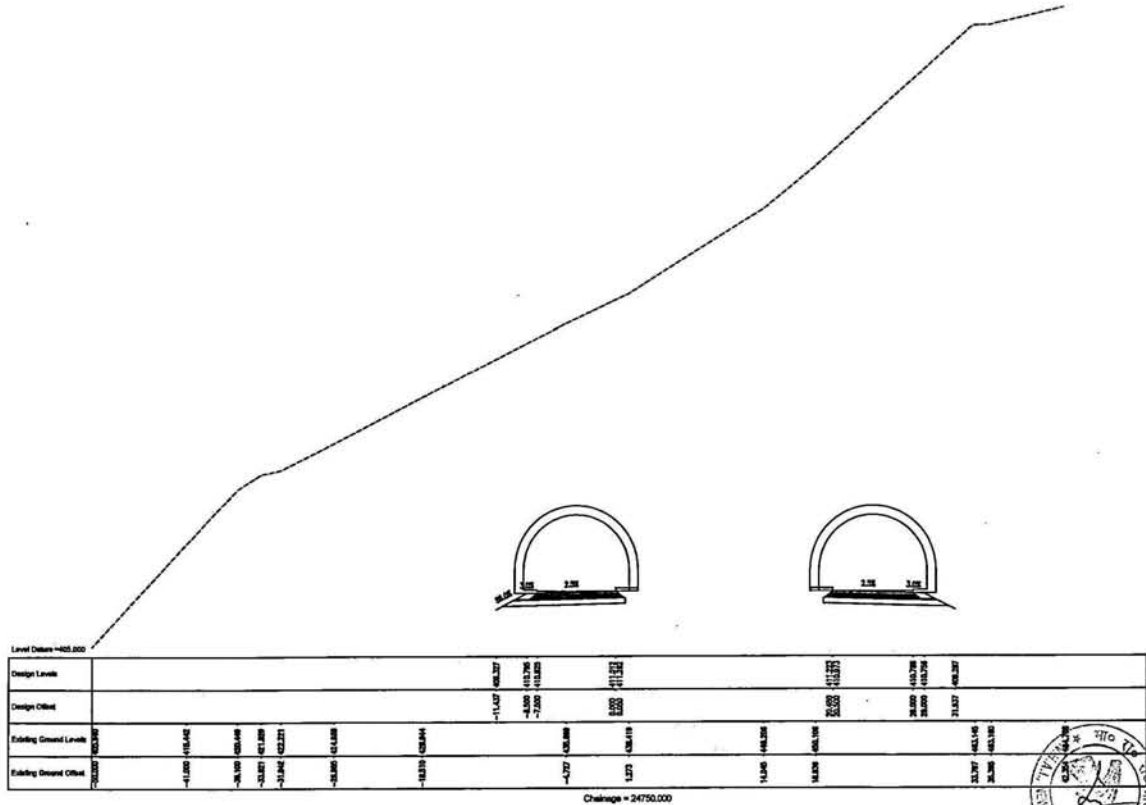
This drawing is the property of SCORP and shall remain the property of SCORP and shall not be used in any form or for any purpose without the written permission of SCORP. The user shall indemnify and hold SCORP harmless for any damages or losses incurred by SCORP or its employees, agents or contractors due to the use of this drawing or any part thereof.

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Drawing Title: **CROSS SECTION CH. 24700.000**
Drawing No.: SWM/1019/ROADS/CS - 78
Scale: NOT TO BE SCALED
Din: K.L.N. Dgn: K.P.PRASAD Appd: SRIG.C.D.PURI Date: JUNE-2009

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E-mail: swiinfo@rediffmail.com





Chairsge = 24750.000

Note:- Levels shown are vert. assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1 A (in 8.00 to km (48.00) including Jammu/Part Nagrota and Udhampur Bypass Phase - II Programme of North - South - corridor Project. Contract Package C-0918

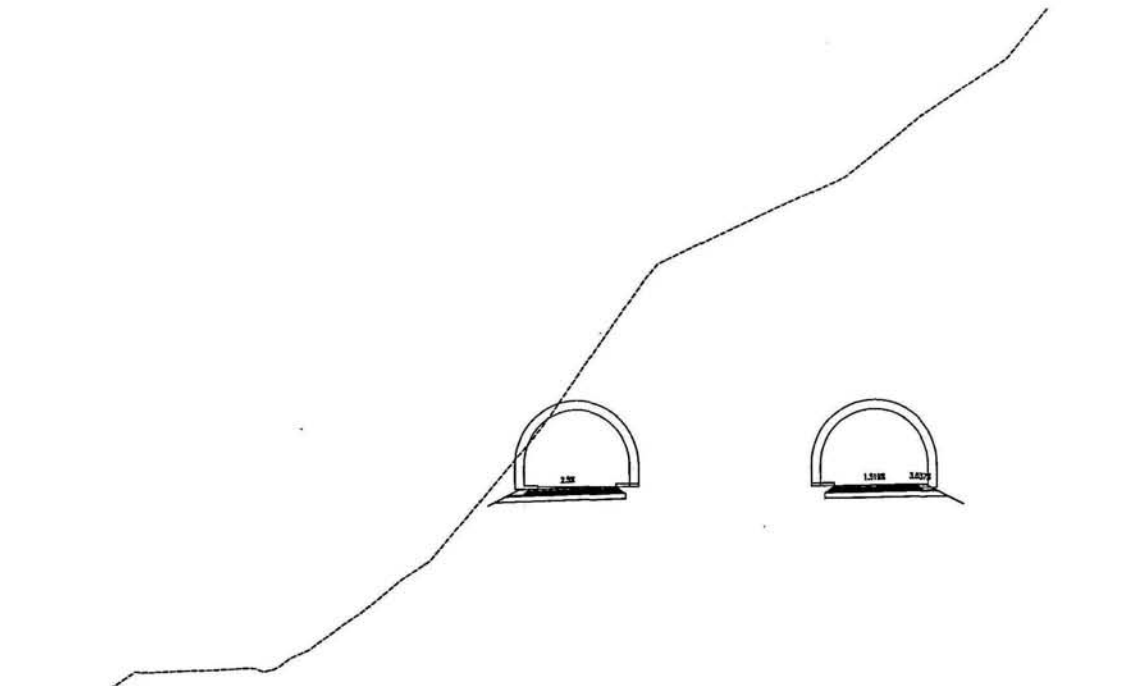
This drawing has been prepared by the Engineer-in-Charge of the project and shall not be used for any other purpose without the written consent of the Engineer-in-Charge. It is to be used only for the purpose of reference and shall not be used for any other purpose or to be used for any other project or to be used for any other purpose without the written consent of the Engineer-in-Charge.

Client
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Drawing Title: **CROSS SECTION CH. 24750.000**
 Drawing No.: **SWW1019/ROADS/CS - 79**
 Scale :- **NOT TO BE SCALED**
 Date: **JUNE-2009**

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 E-mail: sww@swi.com





Level Datum = +062.000											
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											

Chainage = 24800.000



Note:-
Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (km 0.00 to km 16.00) including Jammu(Part) Nagrova and Udhampur Bypass Phase - II Programme of North-South options Project, Contract Package C-0718

Client
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Drawing Title:
CROSS SECTION CH. 24800.000

Drawing No. : SW/1019/ROADS/CS - 80

Scale :- NOT TO BE SCALED

Drn : K.L.N

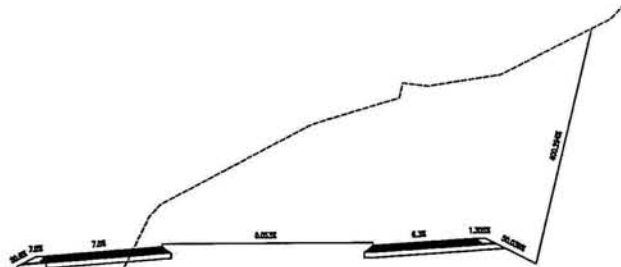
Dyn : K.PRASAD

Appd : BRIG.C.D.PUR

Date : JUNE-2009

Sheet :
NEW DELHI - 110044
Tele: (011) 41679340 - 49
Fax: (011) 41679350
E-mail : nhai@nhai.com

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E-mail : swinfo@swi.com



Level Datum +387.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 24850.000

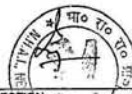
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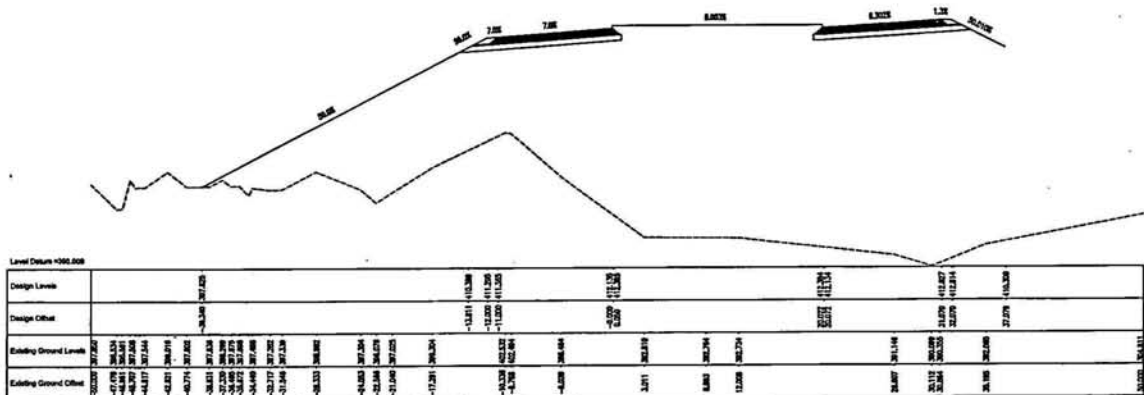
Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (from 0.00 to km 86.00) including Jammu/Parl) Bypass and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-8118

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
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Drawing Title: CROSS SECTION CH. 24850.000
Drawing No.: SWW1019/ROADS/CS - 81 - Sheet 1
Scale: NOT TO BE SCALED
Drn: K.L.H
Dgn: K.PRASAD
Appd: BRIG.C.D.PURN
Date: JUNE-2009

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 Fax: (011) 41679350
 E-mail: s.wilson@scottwilson.com





Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jaunpur - Udhampur section of NH-11 A (Lot 0.20 to lot 08.00) including Jaunpur/Part C Nigraha and Udhampur Bypass Phase - III Programme of North - South - corridor Project, Contract Package C-018

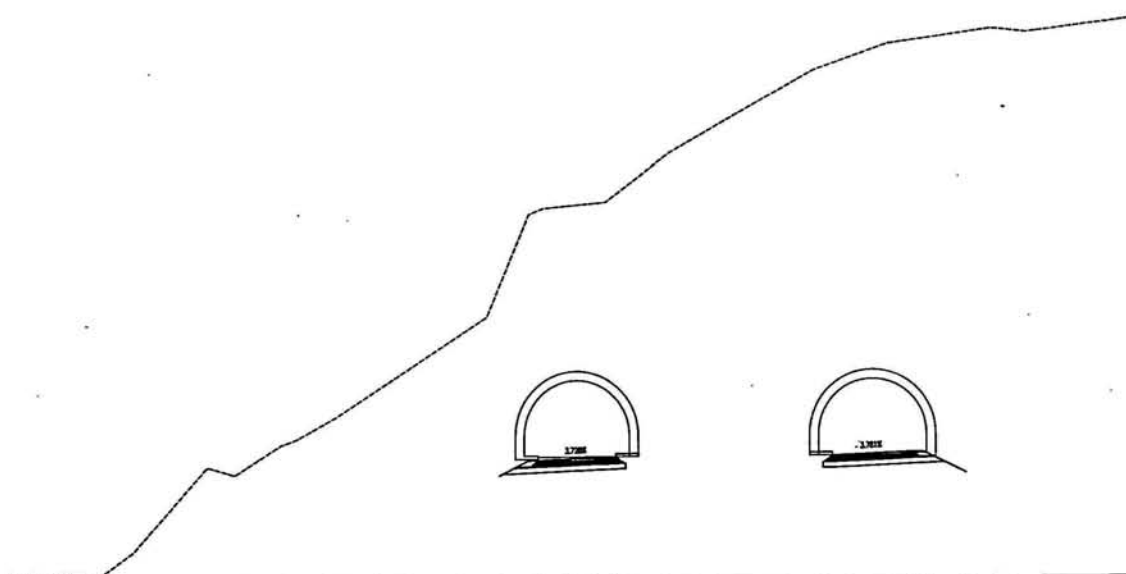
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Drawing Title: CROSS SECTION CH. 24900.000
Drawing No.: SWM/019/ROADS/CS - 82
Scale :- NOT TO BE SCALED
Drn: K.L.N **Dgn:** K.PRASAD **Appd:** BRG.C.O.PUR **Date:** JUNE-2009

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Level Datum = 107.300

Design Level																					
Design Offset																					
Existing Ground Level	111.800	112.300	113.000	114.000	115.000	116.000	117.000	118.000	119.000	120.000	121.000	122.000	123.000	124.000	125.000	126.000	127.000	128.000	129.000	130.000	
Existing Ground Offset	-11.100	-11.200	-11.300	-11.500	-11.800	-12.200	-12.700	-13.200	-13.700	-14.200	-14.700	-15.200	-15.700	-16.200	-16.700	-17.200	-17.700	-18.200	-18.700	-19.000	

Chirrage = 24950.000



Note:- Levels shown are not assumed data.

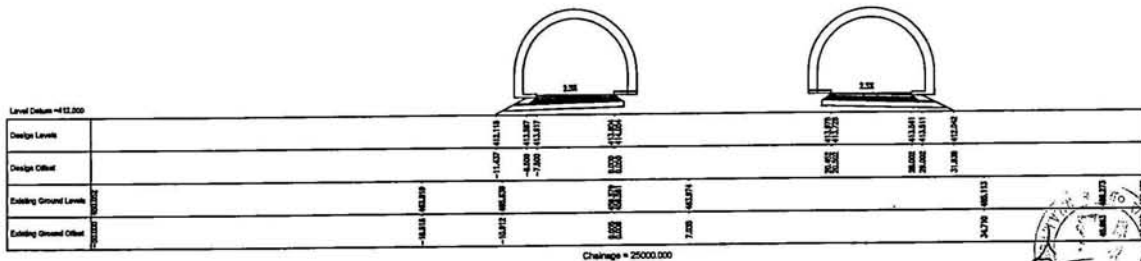
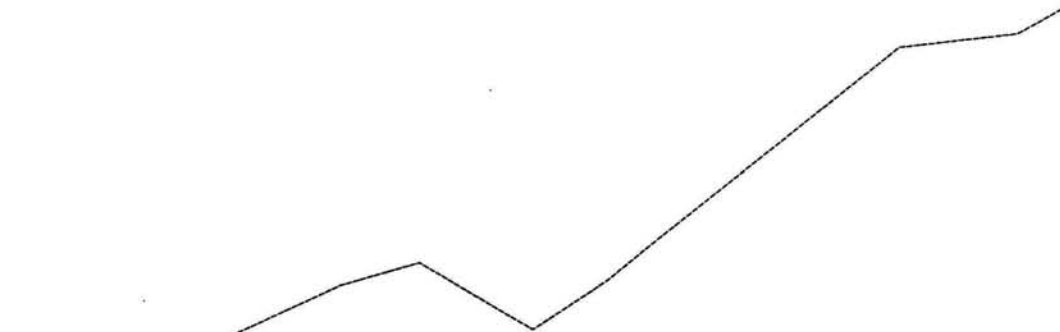
Project Title
 Consultancy services for preparation of detailed project report for
 Rehabilitation and upgrading of existing 2-lane road to 4-lane divided
 Cartageway (including of Jaunty - Udhampur section of NH-11 A
 from 0.00 to km 85.00) including Jaunty/Purj Highway and Udhampur
 Bypass Phase - II Programme of North-South Linkage Project,
 Contract Package C-8/118

Client
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Drawing Title: CROSS SECTION
 CH. 24950.000
Drawing No.: SWW/1019/ROADS/CS - 83
Scale: NOT TO BE SCALED
Drawn: K.L.N. **Digit:** V.PRASAD **Appd:** (Signature) **Date:** JUNE-2009

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 Fax: (011) 41679350
 E-mail: swindo@swindl.com





Chirpage = 25000.000

Note:- Levels shown are not assumed datum.

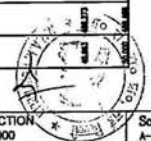
Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1 A (from 0.00 to km 86.00) including Jammu/ParV Negrate and Udhampur Bypass Phase - II Programme of North - South - Corridors Project, Contract Package C-8718

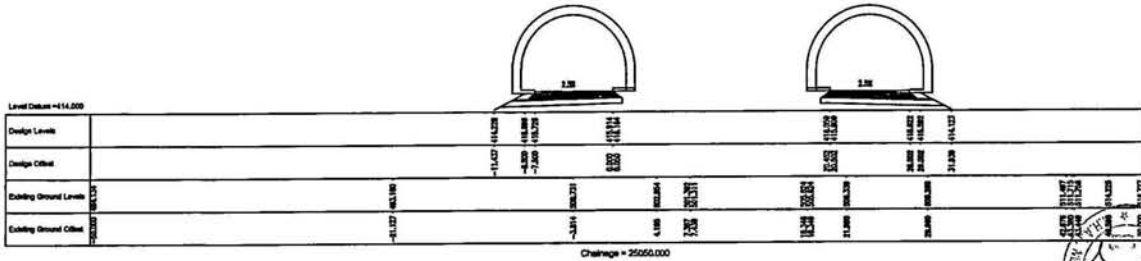
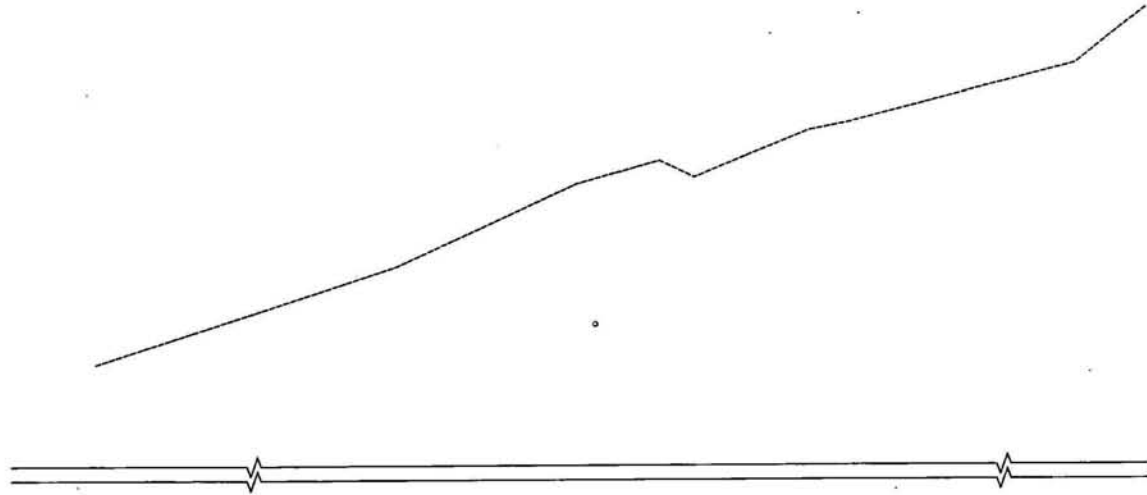
How drawings to be prepared
 All drawings to be prepared in accordance with the provisions of the Indian Standards IS: 8753 and IS: 8754 and also to be prepared on the grid system of 100m x 100m. The drawings shall be prepared in accordance with the provisions of the Indian Standards IS: 8753 and IS: 8754 and also to be prepared on the grid system of 100m x 100m. The drawings shall be prepared in accordance with the provisions of the Indian Standards IS: 8753 and IS: 8754 and also to be prepared on the grid system of 100m x 100m.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

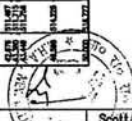
Drawing Title: CROSS SECTION
 CH. 25000.000
Drawing No.: SW/1019/ROADS/CS - 84
Scale: NOT TO BE SCALED
Drn.: K.L.N
Dgn.: K.PRASAD
Appd.: BRIG.C.D.PURI
Date: JUNE-2009

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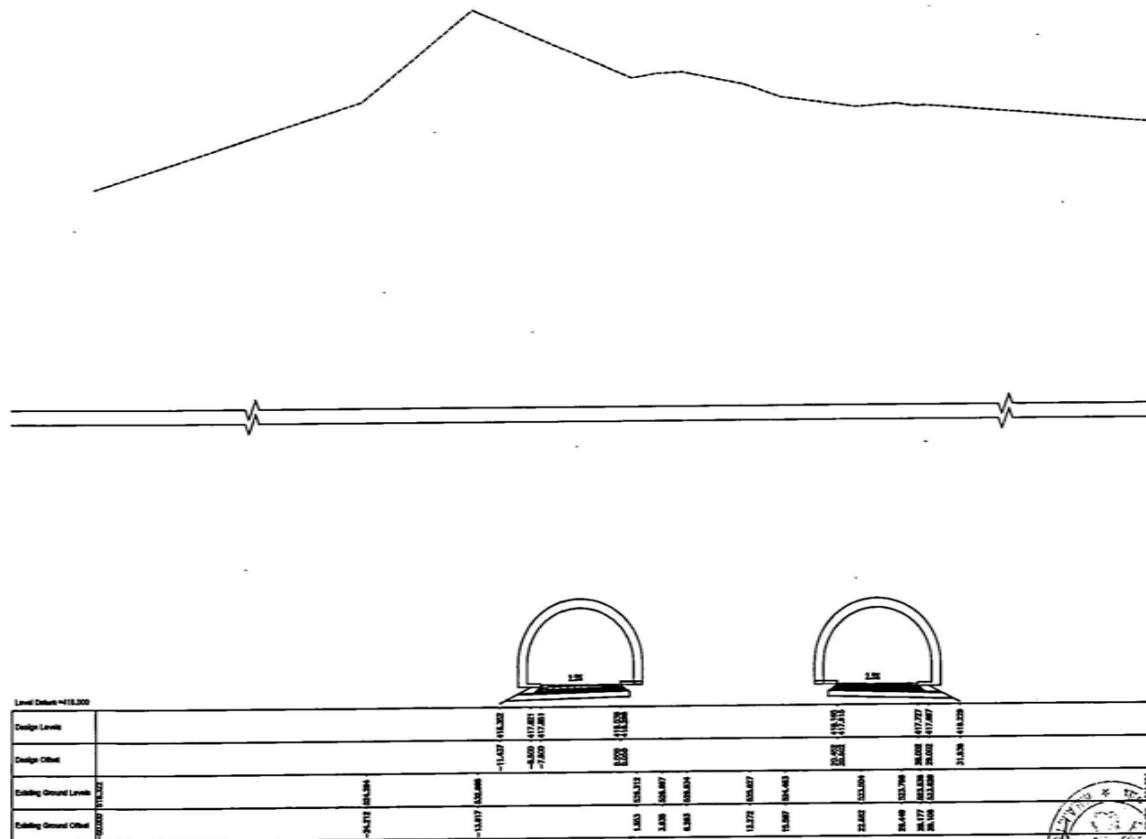


Chainage = 25050.000



Note:- Levels shown are not assumed data.	Project Title Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-11A (from 0.00 to km 84.00) including Jammu (Part) Bypass and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-0819	Note: Drawing is the property of National Highways Authority of India and shall not be used for any purpose other than that intended for its use. It shall not be copied, reproduced or otherwise used for any other purpose without the prior written permission of the Authority.	Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)	Drawing Title: CROSS SECTION CH. 25050.000 Drawing No.: SWH1019/ROADS/CS - 85 Scale: NOT TO BE SCALED Drn: K.L.N. Dgn: K.PRASAD Appd: B.R.G.C.D.PURE Date: JUNE-2009	Sheet: 1 OF 1 Scott Wilson India Private Limited A-26/4, MOHAN CO-OPERATIVE IND. ESTATE MATURBA ROAD NEW DELHI - 110044 Tele: (011) 41679340 - 49 Fax: (011) 41679350 E-mail: info@swi.com
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Challage = 25/100.000



Notes:-
Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (from 0.00 to km 86.00) including Jammu/Parl) Bypass and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-8718

Site
The work is to be carried out under the supervision of the Project Director, Jammu Division, Jammu and Kashmir. The work is to be carried out in accordance with the terms and conditions of the contract and the specifications of the National Highway Authority of India. The work is to be carried out in accordance with the terms and conditions of the contract and the specifications of the National Highway Authority of India.

Client
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(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
CH. 25/100.000
Drawing No.: SW/1019/ROADS/CS - 86
Scale: NOT TO BE SCALED
Drawn: KLM
Checked: KFRASAD
Appd: BRG.C.D.PUR
Date: JUNE-2008

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WATPURA ROAD
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Fax: (011) 41879350
E-mail: info@swi.com

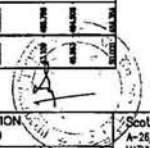




Level Datum = 118.000

Design Levels			11.407	18.877				15.272		11.852		
Design Offset			-11.400	-18.870	0.000			0.000		-11.850		
Existing Ground Levels												
Existing Ground Offset												

Chaining = 25150.000



Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway consisting of Jammu - Udhampur section of NH-1 A. (Km 0.00 to Km 66.07) including Jammu(Pur) Bypass and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-M18

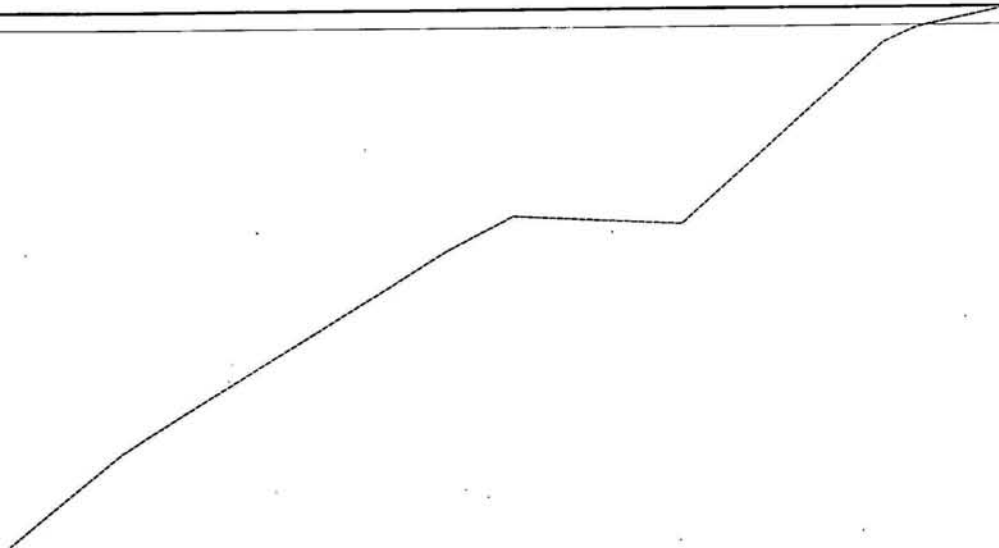
So, working in the service of
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 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: **CROSS SECTION CH. 25150.000**
 Drawing No.: **SWW1019/ROADS/CS - 87**
 Scale :- **NOT TO BE SCALED**
 Dwn: **K.L.N** Dgn: **K.P.RASAD** Appd: **BRG.C.D.PUR** Date: **JUNE-2009**

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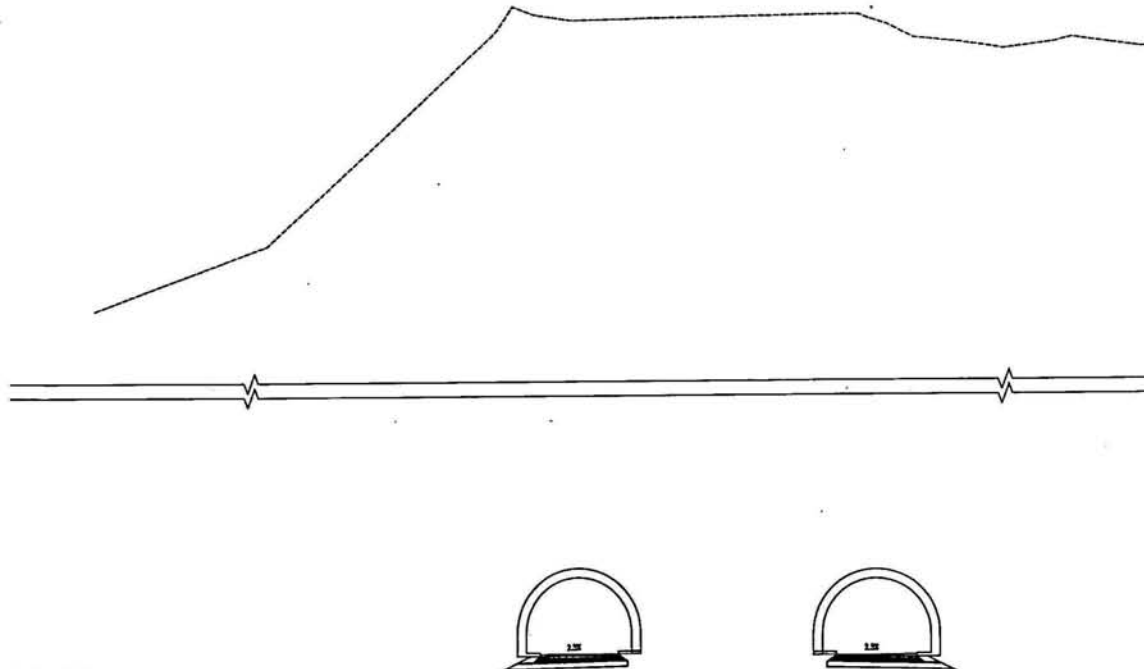
Level Datum = 422.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chaisrae = 25250.000



<p>Notes:- Levels shown are not assumed data.</p>	<p>Project Title Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1 A (km 0.00 to km 64.00) including Jammu(Pur) Bypass and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-8818</p>	<p>Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)</p>	<p>Drawing Title: CROSS SECTION CH. 25250.000</p>		<p>Scott Wilson India Private Limited A-28/4, MOHAN CO-OPERATIVE HO. ESTATE MATHURA ROAD NEW DELHI - 110044 Tel: (011) 41679340 - 49 Fax: (011) 41679350 E-mail: swindia@gmail.com</p>
			<p>Drawing No.: SW/1018/ROADS/CS - 89</p>	<p>Scale: NOT TO BE SCALED</p>	
<p>Author: KLN</p>			<p>Checked: K.PRASAD</p>		<p>Approved: BRIG.C.D.PURI</p>





Level Datum = 424.000

Design Levels			11.82	11.82	11.82	11.82	11.82	11.82	11.82	11.82	11.82	11.82	11.82	11.82	11.82	11.82	11.82	11.82
Existing Ground Levels			11.82	11.82	11.82	11.82	11.82	11.82	11.82	11.82	11.82	11.82	11.82	11.82	11.82	11.82	11.82	11.82

Chirpage = 25300.000

Note:- Levels shown are not assumed datum.

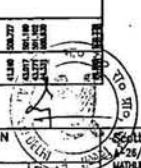
Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane (6-lane) Cartageway comprising of Jammu - Udhampur section of NH-1A (from 0.00 to km 88.00) including Jammu/Paro) Bypass and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-0719

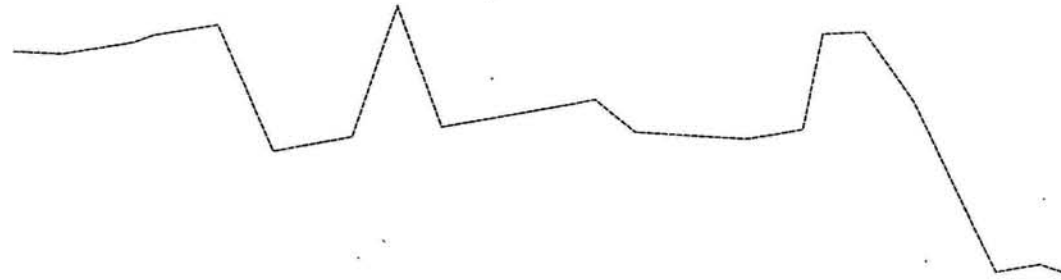
Site drawing is the property of SCMM & shall remain confidential and not be disclosed to any person or any firm without the prior written consent of SCMM & any disclosure of it without the prior written consent of SCMM & shall constitute an offence.

Client
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Drawing Title: CROSS SECTION
 CH. 25300.000
Drawing No.: SWM/1018/ROADS/CS - 90
Scale :- NOT TO BE SCALED
 Dtn: K.L.W. Dgn: K.PRASAD Appd: SRS.C.D.PURI Date: JUNE-2009

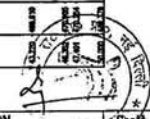
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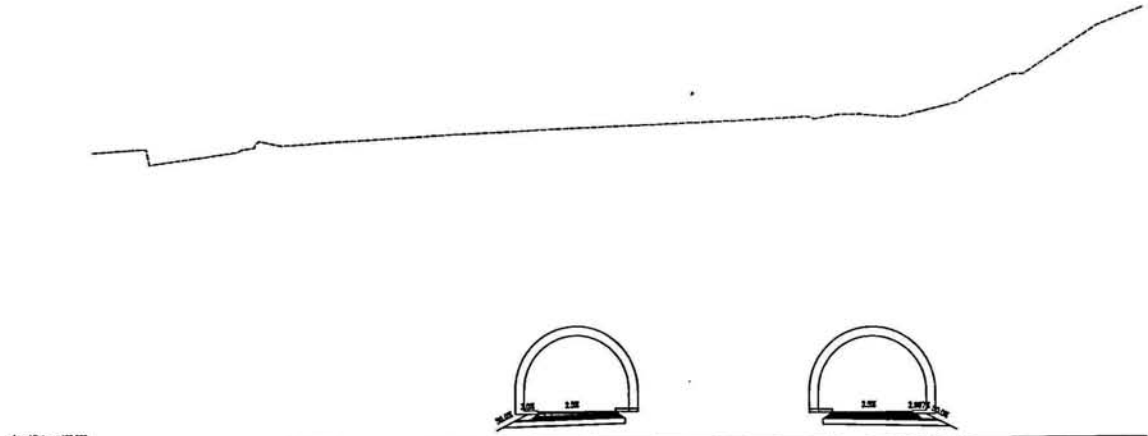




Level Datum = 428.000									
Design Levels									
Design Offset									
Existing Ground Levels	429.370	429.320	428.250	427.800	427.250	426.200	425.150	424.100	423.050
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Chisage = 25350.000									

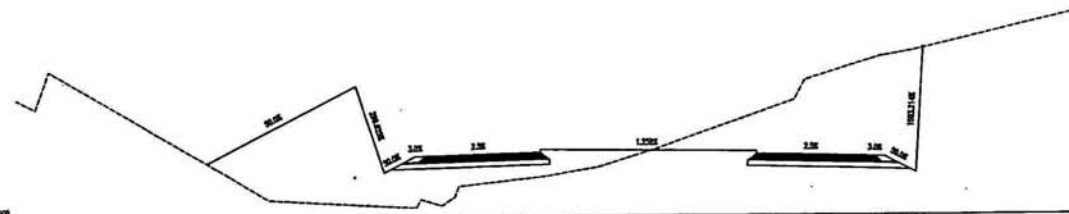
<p>Notes:- Levels shown are not assumed datum.</p>	<p>Project Title Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (from 0.00 to km 98.00) including Jammu (Part) Nagruva and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-2010</p>	<p>Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)</p>	<p>Drawing Title: CROSS SECTION CH. 25350.000</p>	<p>Scott Wilson India Private Limited A-28/4, MOHAN CO-OPERATIVE IND. ESTATE MATHURA ROAD NEW DELHI - 110044 Telo: (011) 41679340 - 49 Fac: (011) 41679350 E-mail: swi-ndia@swi.com</p>
<p>Scale :- NOT TO BE SCALED</p>		<p>Sheet :</p>		
<p>Drawn: K.L.N</p>	<p>Checked: K.PRASAD</p>	<p>Appd: BRG.C.D.PUR</p>	<p>Date: JUNE-2006</p>	





Level Datum +228.200																				
Design Level																				
Design Offset																				
Existing Ground Levels																				
Existing Ground Offset																				

Chainage = 25400.000



Level Datum +227.200																				
Design Level																				
Design Offset																				
Existing Ground Levels																				
Existing Ground Offset																				

Chainage = 25400.000

NOTE:- Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A from 0.00 to km 68.00 including Jammu(Urg) Bypass and Udhampur Bypass Phase - III Programme of North-South corridor Project, Contract Package C-4918

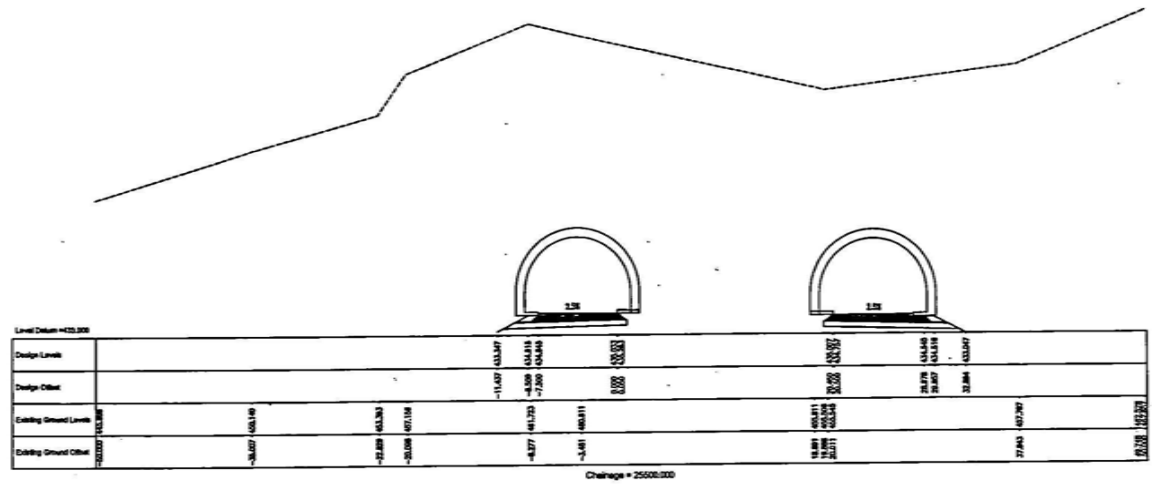
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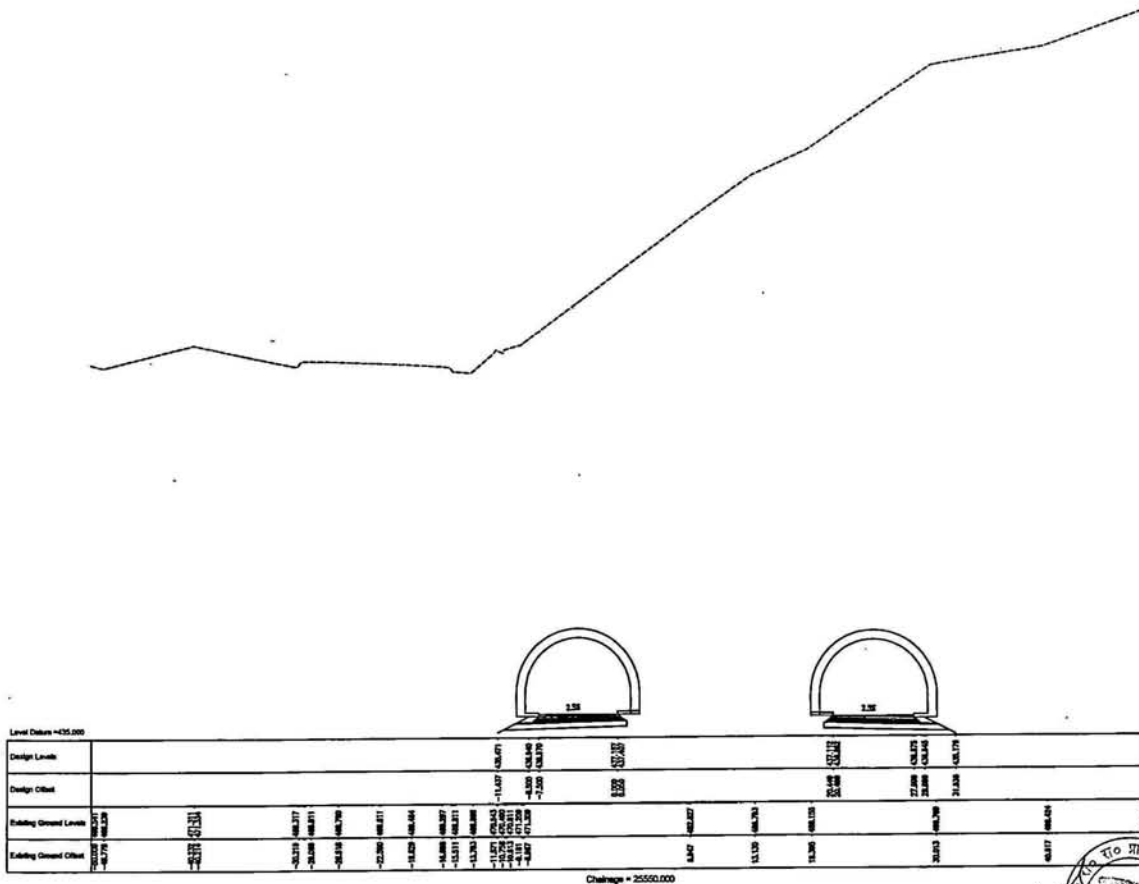
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Drawing No.: SW/1019/ROADS/CS - 92
Scale: NOT TO BE SCALED
Drn: KLN
Dgn: K.PRASAD
Appd: SRS.C.D.PURI
Date: JUNE-2009

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<p>Note:- Levels shown are not assumed datum.</p>	<p>Project Title Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1 A. (Km 5.00 to km 86.00) including Jammu(Pur) Nagrota and Udhampur Bypass Phase - III Programme of North - South - corridor Project, Contract Package C-091</p>	<p>The drawings in this project are prepared by the consultant on the basis of the data and information provided by the client. The consultant is not responsible for any errors or omissions in the data and information provided by the client. The consultant is not responsible for any errors or omissions in the data and information provided by the client.</p>	<p>Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)</p>	<p>Drawing Title: CROSS SECTION CH. 25500.000 Drawing No. : SW/1019/ROADS/C/S - 53 Scale :- NOT TO BE SCALED Dtm : K.L.N Dgn. : K.PRASAD Appd. : SPS.C.S.PURI Date : JUNE-2009</p>	<p>Sheet : Scott Wilson India Private Limited A-26/4, MOHAN CO-OPERATIVE HO. ESTATE MATHURA ROAD NEW DELHI - 110044 Tele: (011) 41673340 - 49 Fax: (011) 41673350 E-mail : info@swi.com</p> 
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Chainage = 25550.000

Note:- Levels shown are w.r.t assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-11A (Km 0.00 to km 86.00) including Jammu (Part) Bypass and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-8718

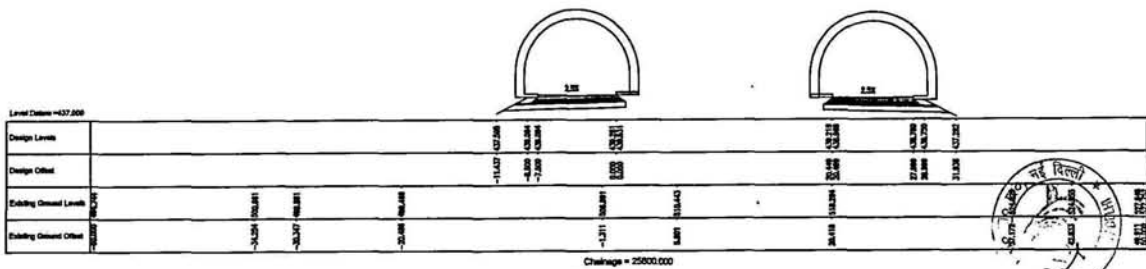
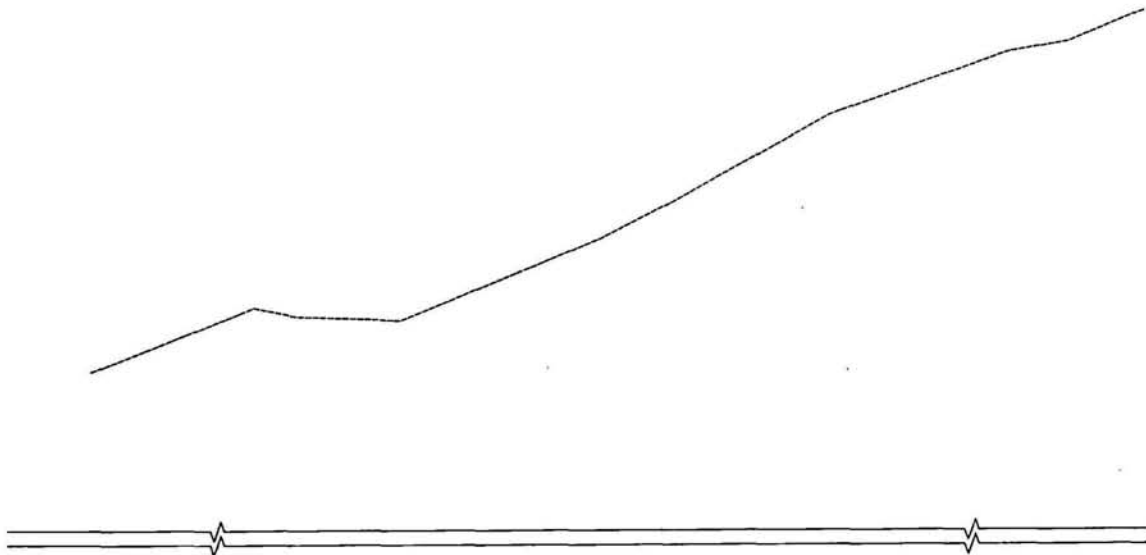
I, the undersigned, in the capacity of...
 SOOIT, Jammu (Part) Bypass and Udhampur Bypass, and shall act in accordance with the terms and conditions laid out hereunder and shall be liable to the extent of my professional responsibility in all cases in which I am engaged in any project or task relating to the execution of the work.

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Drawing Title: CROSS SECTION CH. 25550.000
Drawing No.: SW/1019/ROADS/CS - 04
Scale :- NOT TO BE SCALED
Dtm: K.L.N **Dgn:** K.PRASAD **Appd:** SRO.C.B.PURI
Date: JUNE-2009

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Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1 A from 0.00 to km 96.00 including Jammu/Parit Nagrova and Udhampur bypass Phase - II Programme of North-South corridor Project, Contract Package C-2019

Client
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Drawing Title:
 CROSS SECTION
 CH. 25600.000

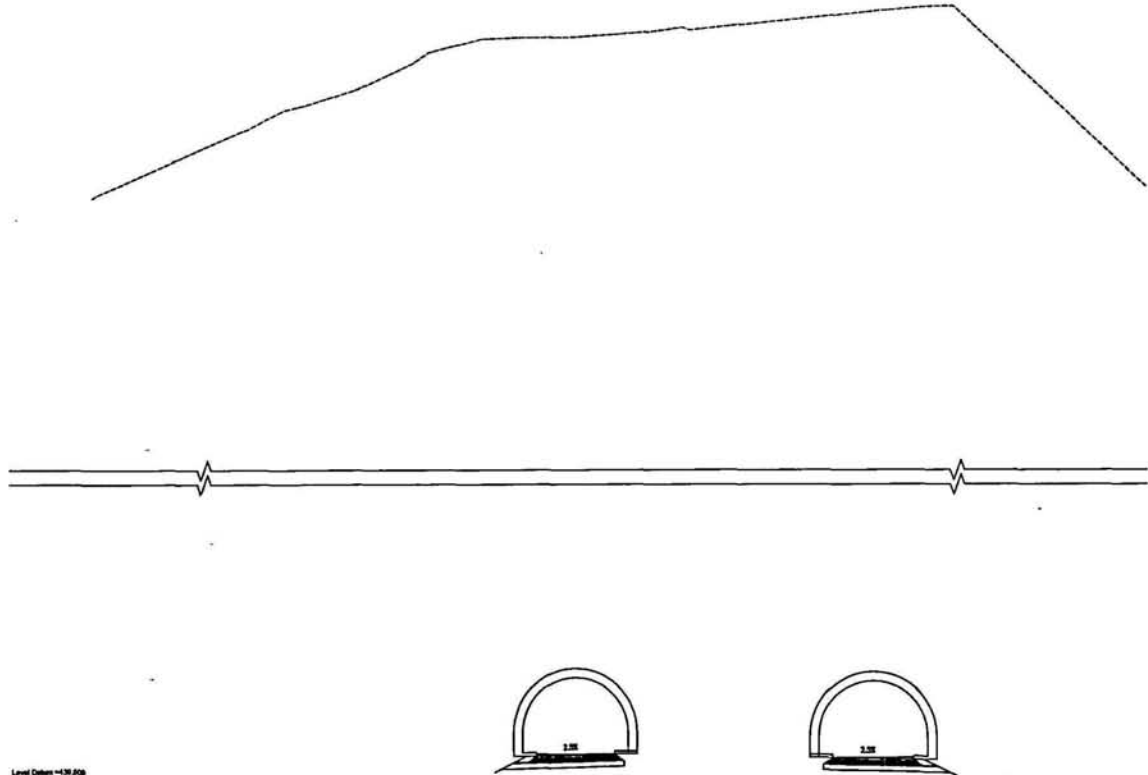
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Scale: NOT TO BE SCALED

Drn: K.L.N. **Dgn:** K.PRASAD **Appd:** BRG.C.D.PUR **Date:** JUNE-2009

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17B



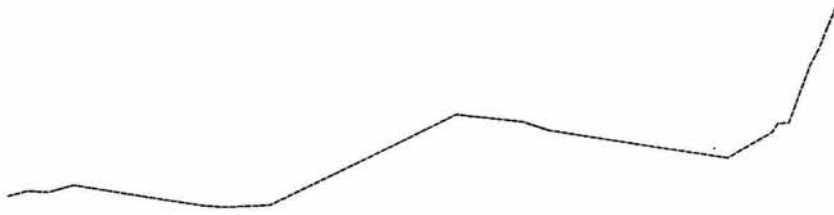
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Design Level																			
Design Chisel																			
Existing Ground Level																			
Existing Ground Offset																			

Chainage = 25650.000

Note:- Levels shown are not assumed datum.	Project Title Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided carriageway configuration of 70m wide, 100m long section of NH-19 from 3+00 to 4+00 (including Junction) at Noida and Udhampur Region Phase - II Programme of North-South - corridor Project, Contract Package CM-18	No. 100m section of the road No. 100m section of the road No. 100m section of the road No. 100m section of the road	Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)	Drawing Title: CROSS SECTION CH. 25650.000	Sheet: 2 OF 2	Scott Wilson India Private Limited 26/4, MOHAN CO-OPERATIVE IND. ESTATE MATHERA ROAD NEW DELHI - 110044 Tele: (011) 41873340 - 49 Fax: (011) 41873350 E-mail: swiinfo@swi.com	
				Drawing No.: SWU/1019/ROADS/CS - 96			Scale :- NOT TO BE SCALED
				Dwn: K.L.N	Dgn: K.PRASAD	Appd: BRG.C.D.PURJ	Date: JUNE-2009





Level Datum = 441.000

Design Level			142.24	143.13	143.50	143.75	142.91	141.46
Design Offset			-1.627	-0.90	0.00	0.00	0.00	0.00
Existing Ground Levels	142.57	142.57	142.57	142.57	142.57	142.57	142.57	142.57
Existing Ground Offset								

Chainsage = 25700.000

Note:- Levels shown are not assumed datum.

Project Title
 Consulting services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1 A (km 0.00 to km 96.00) including Jammu (Part) Nagrota and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-8918

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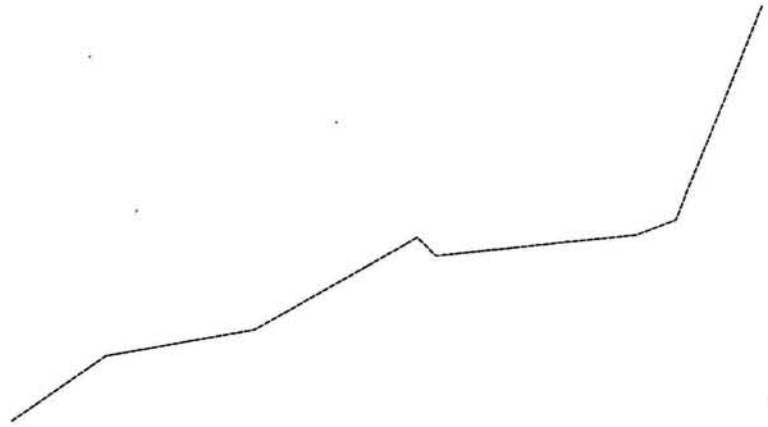
Client
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Drawing Title: **CROSS SECTION CH. 25700.000**
 Drawing No.: **SW/1019/ROADS/CS - 97**
 Scale: **NOT TO BE SCALED**
 Dwn: **K.L.N.** Dgn: **K.PRASAD** Appd: **SINGH.C.D.PURI** Date: **JUNE-2008**



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Level Datum = 443.000

Design Levels			143.88	144.47	145.06	145.65	146.24	146.83	147.42
Design Offset			-1.47	-3.00	-4.53	-6.06	-7.59	-9.12	-10.65
Existing Ground Levels	143.88	144.47	145.06	145.65	146.24	146.83	147.42	148.01	148.60
Existing Ground Offset	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00

Chirgahe = 25750.000

Note:- Levels shown are w.r.t assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 7-lane road to 4-lane divided Cartageway configuration of Jammu - Udhampur section of NH-1A (Km 0.00 to Km 86.00) including Jammu(Urb) Bypass and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-5918

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Drawing Title: CROSS SECTION
 CH. 25750.000

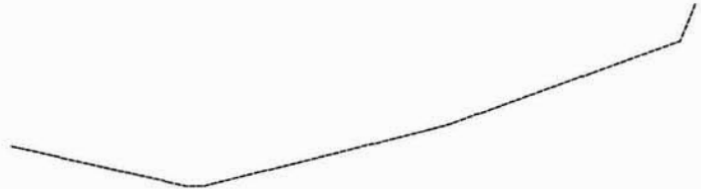
Drawing No.: SW/1019/ROADS/CS - 98

Scale: NOT TO BE SCALED

Drn: K.L.N
Dgn: K.PRASAD
Appd: BRO.C.D.PUR
Date: JUNE-2008

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Level Datum = +45.000

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Design Offset		-0.820	44.297	-0.820	44.297	0.000	46.203
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Existing Ground Offset			-1.573	0.000	-0.000	0.000	0.000

Chalrage = 25000.000

Note:-
Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for
Rehabilitation and upgrading of existing 3 lane road to 4 lane divided
Carriageway configuration of Jammu - Udhampur section of NH-1A
(km 0.00 to km 86.00) including Jammu (NH) Bypass and Udhampur
Bypass Phase - II Programme of North - South - corridor Project,
Contract Package C-8918

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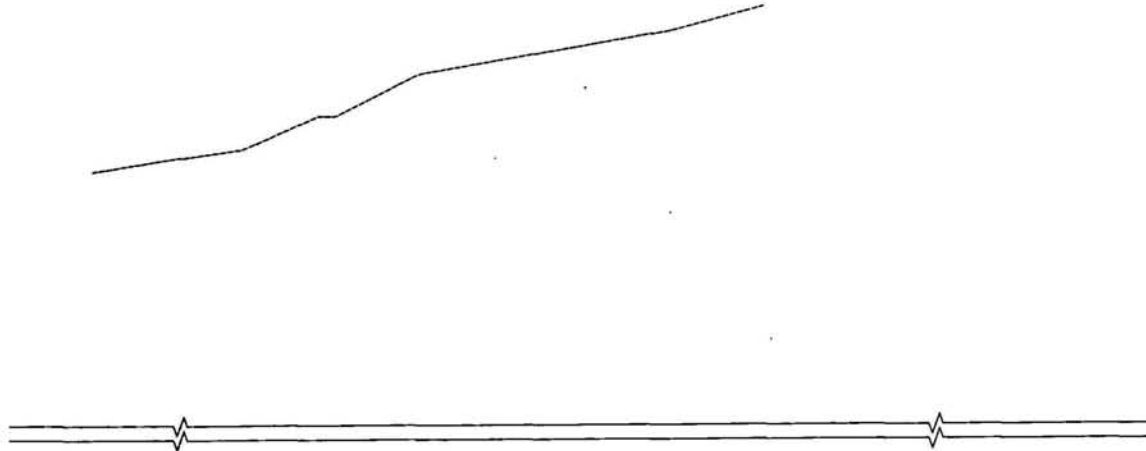
Client
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Drawing Title: CROSS SECTION
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Drawing No.: SW/101B/ROADS/CS- 99
Scale: NOT TO BE SCALED
Drm: K.L.N
Dgn: K.PRASAD
Appd: BRG.C.D.PUR
Date: JUNE-2009



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Level Datum = 417.800										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 25850.000



Note:-
Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2 lane road to 4 lane divided Carriageway configuration of Janna - Utharpur section of 10+1 A (km 0.00 to km 05.00) including Janna/Pur Highway and Utharpur By-pass Phase - II Programme of North - South - section Project, Contract Package C-07/18

Scale
1:1000 (Horizontal) and 1:100 (Vertical)

Client
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Drawing Title: CROSS SECTION CH. 25850.000
Drawing No.: SW/1019/ROADS/CS - 100
Scale: NOT TO BE SCALED
Drawn: K.L.N. **Checked:** K.PRASAD **Approved:** BRG.C.D.PUR
Date: JUNE-2009

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Note:- Levels shown are not assumed details.

Project Title
 Crossed Highway Bridge

Scale: ---
 Dwg. No. K/PW/54/2
 Sheet: 1

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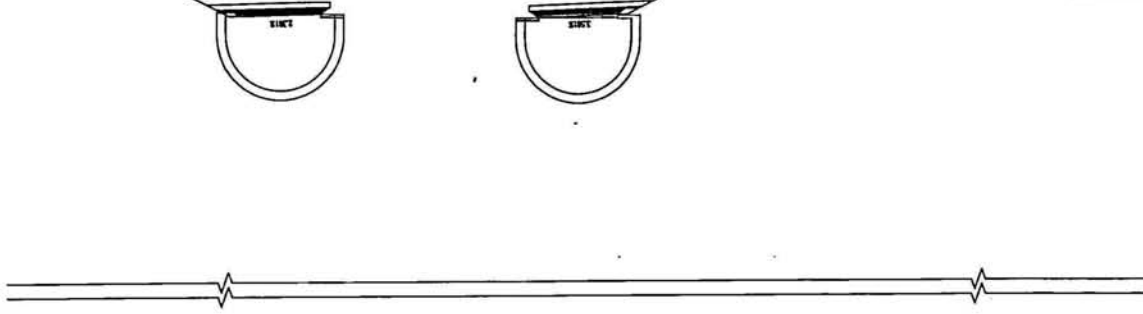
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 CHL 25900.000

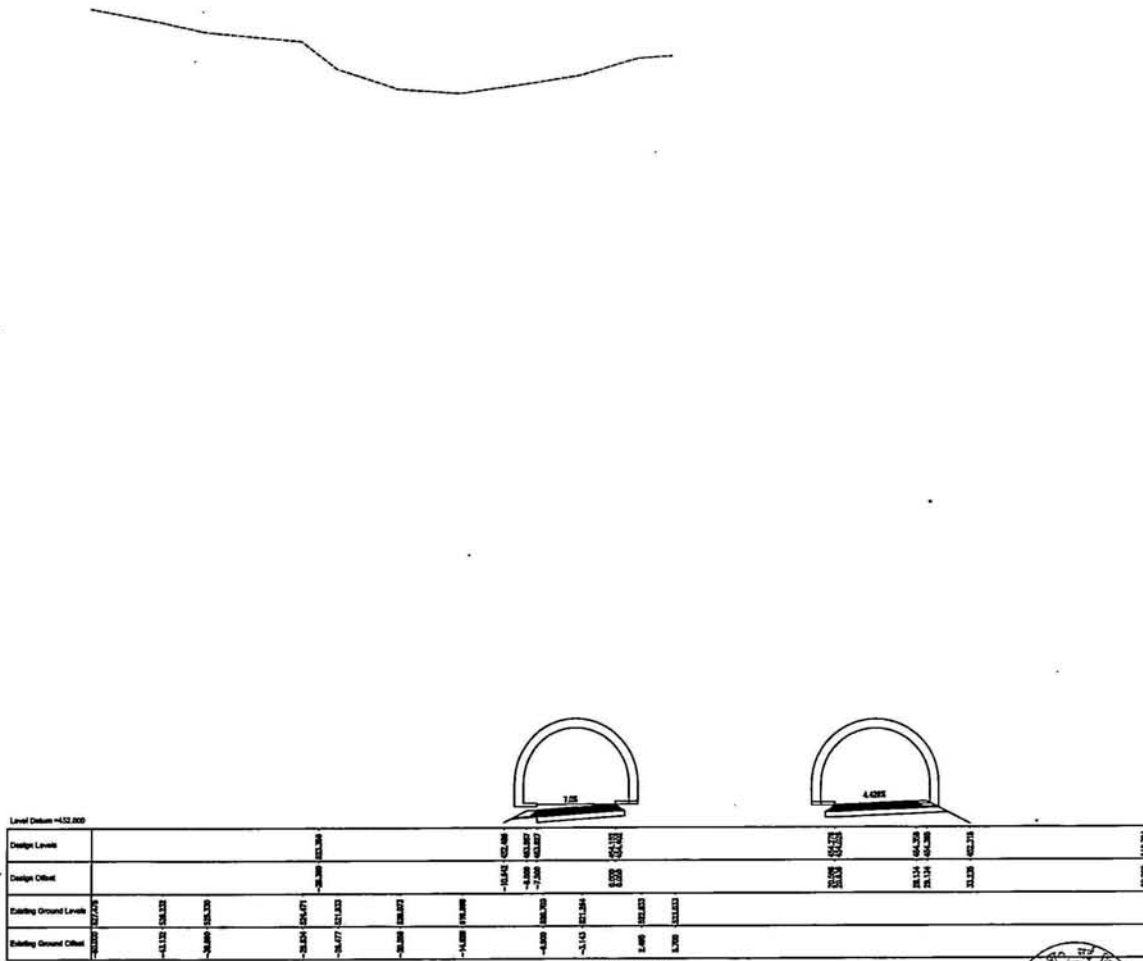
Drawing No. : SW/1019/Road/CS-101
 Scale: ---
 NOT TO BE SCALED
 Date: 18/07/2009
 Appd. BSC.C.D.PUR
 K.P.W/SMD

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Existing Ground Level	Existing Ground Level	Design Level
222.450	222.450	222.450
222.450	222.450	222.450
222.450	222.450	222.450
222.450	222.450	222.450
222.450	222.450	222.450
222.450	222.450	222.450
222.450	222.450	222.450
222.450	222.450	222.450
222.450	222.450	222.450





Chirpage = 25950.000

Note:- Levels shown are wet assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1 A (km 0.00 to km 86.00) including Jammu/Part) Nagrota and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-0816

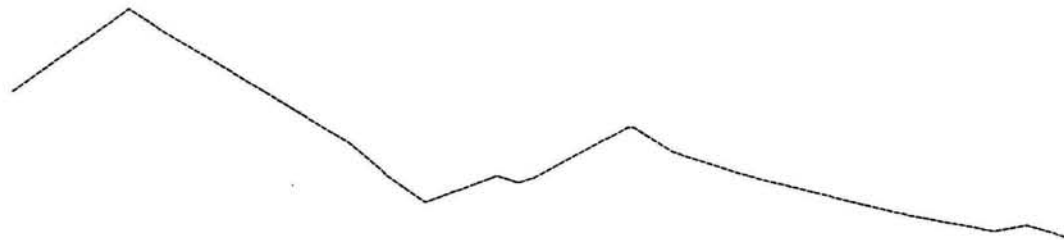
Client
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Drawing Title: CROSS SECTION
 CH. 25950.000
Drawing No.: SW/1019/ROADS/CS - 102
Scale: NOT TO BE SCALED
Date: JUNE-2009

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Scale: NOT TO BE SCALED
Date: JUNE-2009
Appd: B.R.G.C.D.PUR
Dgn: K.PRASAD
Drn: K.L.N.





Level Datum +54.000										
Design Levels				14.45	14.44					
Design Offset				-1.00	-1.00					
Existing Ground Levels	14.50	14.45	14.40	14.35	14.30	14.25	14.20	14.15	14.10	14.05
Existing Ground Offset	-0.05	-0.10	-0.15	-0.20	-0.25	-0.30	-0.35	-0.40	-0.45	-0.50



Chirpage = 20000.000



Note:-
Levels shown are not assumed values.

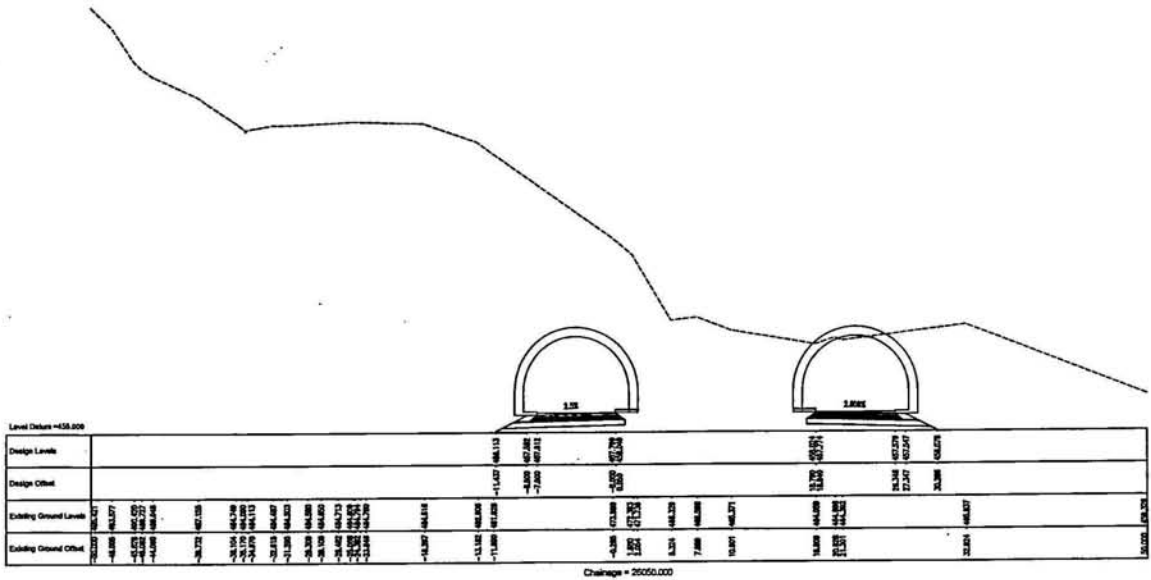
Project Title:
Consultancy services for preparation of detailed project report for
rehabilitation and upgrading of existing State road to 4-lane divided
conformity configuration of Jamnoli - Chhambur section of NH-1 A
(km 0.00 to km 66.00) including Jamnoli-Pur Nagda and Chhambur
Tapes Phase - II Programme of North - South - Corridor Project,
Contract Package C-8/18

Client:
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Drawing Title:
CROSS SECTION
CH. 26000.000
Drawing No.: SW/1019/ROADS/CS-103
Scale :- NOT TO BE SCALED
Dn: K.L.N
Dpn: K.PRASAD
Appd: BRG.C.V.MHT
Date: JUNE-2009

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Note:-
Levels above are not assumed data.

Project Title
Consultancy services for preparation of detailed project report for
Rehabilitation and upgrading of existing 2-lane road to 4-lane divided
Carriageway configuration of Jammu - Udhampur section of NH-1A
(km 0.00 to km 88.00) including Jammu(Par) Nagri and Udhampur
Bypass Phase - II Programme of North - South - corridor Project,
Contract Package C-8118

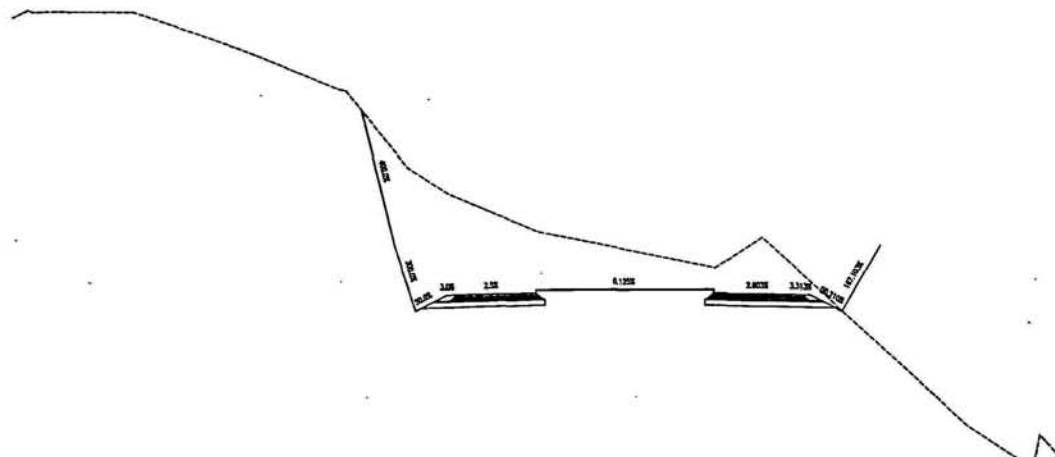
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Director, Jammu. If any person
uses this drawing in any manner
without the written consent of the
Director, Jammu, he shall be liable
for prosecution.

Client
NATIONAL HIGHWAYS
AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
CH. 26050.000
Drawing No.: SW/1019/ROADS/CS - 104
Scale: NOT TO BE SCALED
Date: JUNE-2009

Client: Scott Wilson India Private Limited
A-26/4, MOHAN CO-OPERATIVE IND. ESTATE
MATURGA ROAD
NEW DELHI - 110044
Tel: (011) 41679340 - 49
Fax: (011) 41679350
E-mail: swin@swindia.com





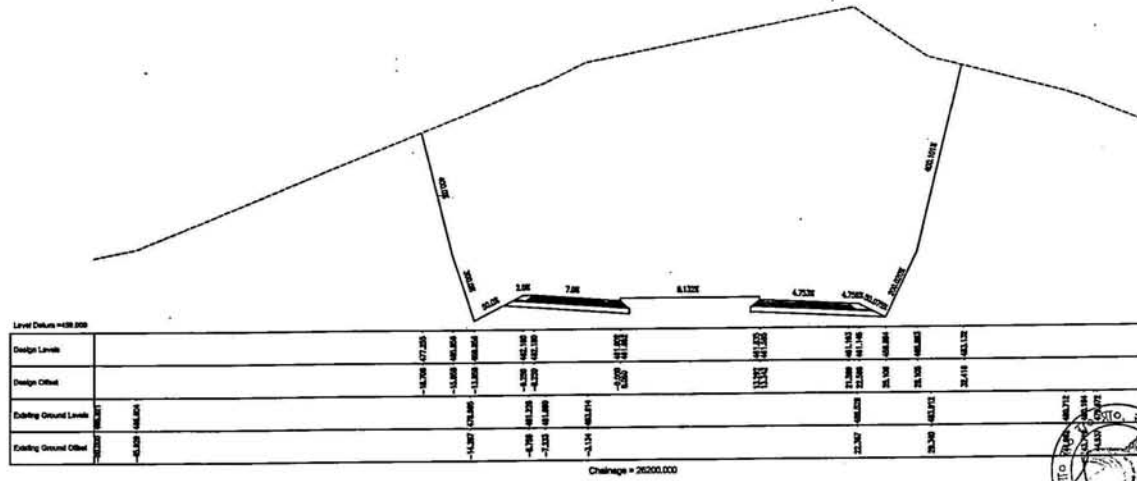
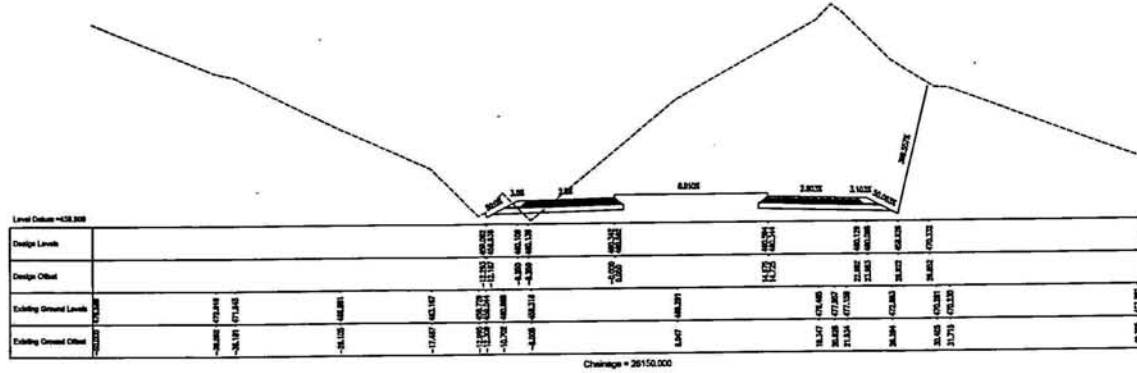
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Design Levels	
Design Offset	
Existing Ground Levels	
Existing Ground Offset	

Chirnage = 20100.000

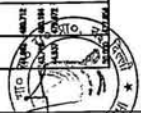


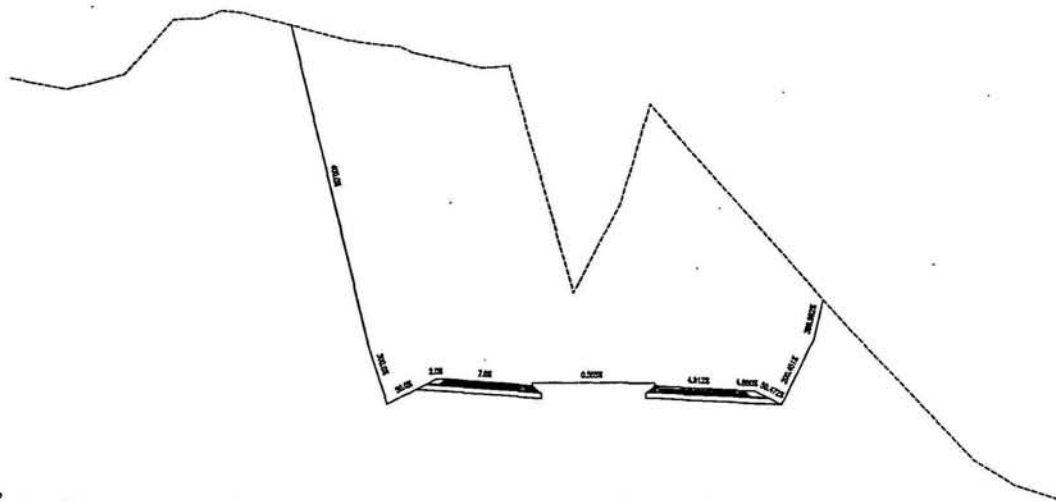
Note:- Levels shown are not assumed datum.	Project Title Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-11A (km 3.00 to km 86.00) including Jammu/Parit Nagrota and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-816	All every work shall be done in accordance with the specifications of the National Highway Authority of India and shall not be altered without the prior written approval of the Engineer-in-Charge, Jammu/Parit Nagrota and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-816.	Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)	Drawing Title: CROSS SECTION CH. 26100.000	Scott Wilson India Private Limited A-28/4, MOHAN CO-OPERATIVE HO. ESTATE MATHURA ROAD NEW DELHI -110044 Tele: (011) 41873340 - 49 Fax: (011) 41879250 E-mail: sjw@scw.com
				Drawing No.: SWH/019/ROADS/CS - 105	Sheet: 1 of 1
Scale: - NOT TO BE SCALED		Date: JUNE-2009			
Dtn: K.L.N.		Appd: K.PRASAD 18/06.C.D.PUR0			





<p>Note:- Levels shown are not assumed datum.</p>	<p>Project Title Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-11 A (km 0.00 to km 66.00) including Jammu/Purif/ Nagrota and Udhampur Bypass Phase - II Programme of North - South - corridors Project, Contract Package C.0218</p>	<p>This drawing is the property of SCOTT WILSON INDIA PRIVATE LIMITED and shall not be reproduced or used in any form without the prior written consent of the company. The user of this drawing shall be held responsible for any errors or omissions and for any consequences arising therefrom.</p>	<p>Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)</p>	<p>Drawing Title: CROSS SECTION CH. 26150.000 TO 26200.000</p>	<p>Sheet : NOT TO BE SCALED</p>	<p>Scale :-</p>	<p>Date JUNE-2009</p>	<p>Scott Wilson India Private Limited A-26/4, MOHAN CO-OPERATIVE IND. ESTATE MATHURA ROAD NEW DELHI - 110044 Tel: (011) 4167340 - 49 Fax: (011) 4167350 E-mail: scwinfo@scw.com</p>





Level Datum = +32.000

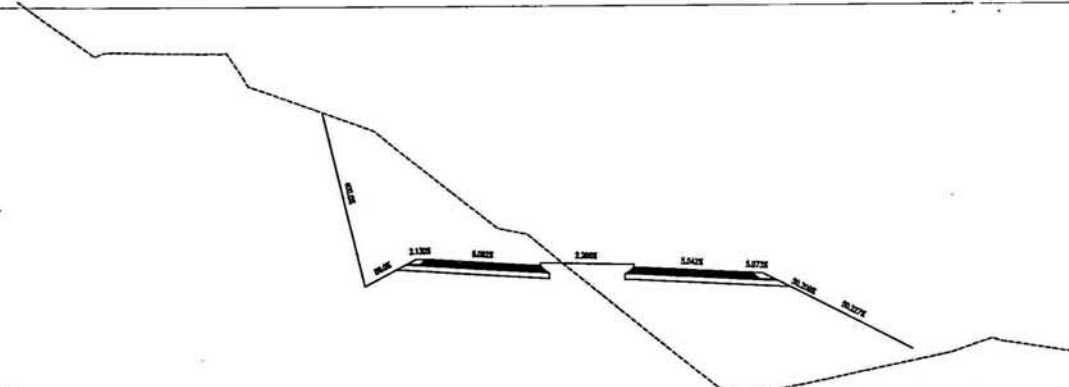
Design Level																
Design Offset																
Existing Ground Levels	12.97	12.97	12.97	12.97	12.97	12.97	12.97	12.97	12.97	12.97	12.97	12.97	12.97	12.97	12.97	12.97
Existing Ground Offset																

Chainage = 26250.000

Note:- Levels shown are not assumed datum.

<p>Project Title Consulting services for preparation of detailed project report for feasibility and upgrading of existing 3-lane road to 4-lane divided carriageway configuration of Jamnagar - Uchampur section of NH-14 A (Km 0.00 to Km 06.00) including Jamnagar (North) Bypass and Uchampur Bypass Phase - II Programme of North - South corridor Project, Contract Package C.0713</p>	<p>Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)</p>	<p>Drawing Title CROSS SECTION CH. 26250.000</p> <p>Drawing No.: SW/1019/ROADS/CS - 107</p> <p>Scale: NOT TO BE SCALED</p> <p>Drawn by: K.L.N Checked by: K.PRASAD Approved by: BRG.C.D.PUR</p> <p>Date: JUNE-2009</p>	<p>Sheet:</p> <p>Scott Wilson India Private Limited A-26/4, MOHAN CO-OPERATIVE IND. ESTATE MATHURA ROAD NEW DELHI - 110044 Tele: (011) 4167340 - 49 Fax: (011) 41673350 E-mail: swinfo@swpi.com</p> <p style="text-align: right;"></p>
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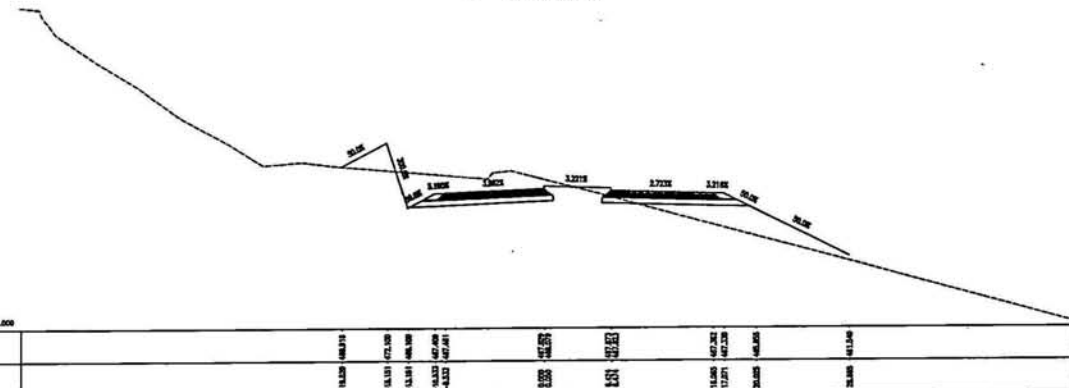




Level Datum =+55.000	
Design Levels	
Design Offset	
Existing Ground Levels	
Existing Ground Offset	

5.928	6.828	7.728	8.628	9.528	10.428	11.328	12.228	13.128	14.028	14.928

Chirage = 26300.000



Level Datum =+55.000	
Design Levels	
Design Offset	
Existing Ground Levels	
Existing Ground Offset	

5.928	6.828	7.728	8.628	9.528	10.428	11.328	12.228	13.128	14.028	14.928

Chirage = 26350.000



Note:- Levels shown are not measured datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane dual carriageway configuration of Jammu - Udhampur section of NH-1A (Km 0.00 to Km 86.00) including Jammu, Jammu Bypass and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-8918

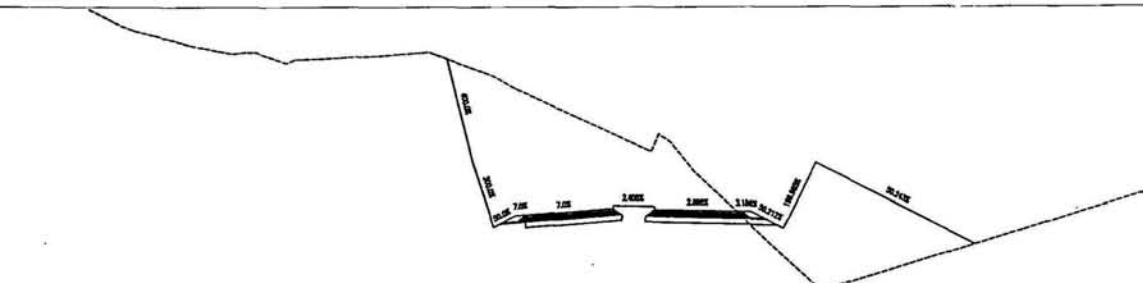
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 (Ministry of Shipping, Road Transport & Highways)

Drawing Title
CROSS SECTION CH. 26300.000 TO 26350.000

Drawing No.: SW/1019/ROADS/CS - 108
 Scale: NOT TO BE SCALED
 Date: JUNE-2009

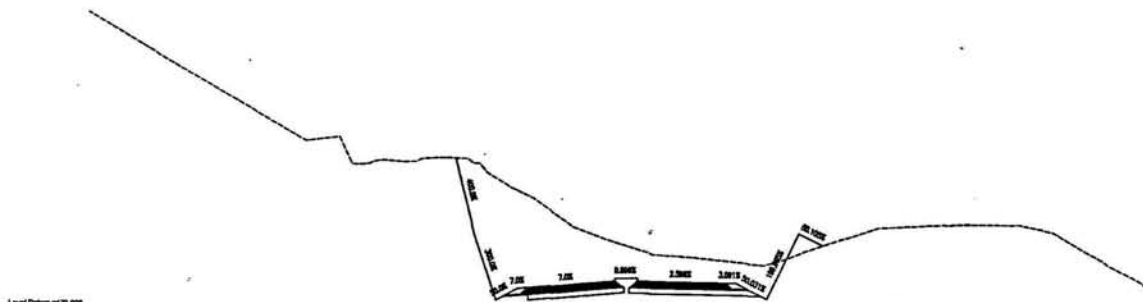
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 Fax: (011) 41673350
 E-mail: info@swindia.com



Level Datum +442.000

Design Levels																
Design Offset																
Existing Ground Levels	13.25	14.25	15.25	16.25	17.25	18.25	19.25	20.25	21.25	22.25	23.25	24.25	25.25	26.25	27.25	28.25
Existing Ground Offset	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00

Chainage = 26400.000



Level Datum +471.000

Design Levels																
Design Offset																
Existing Ground Levels	13.25	14.25	15.25	16.25	17.25	18.25	19.25	20.25	21.25	22.25	23.25	24.25	25.25	26.25	27.25	28.25
Existing Ground Offset	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00

Chainage = 26450.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided carriageway configuration at Jammu - Udhampur section of NH-1A (km 0+00 to km 99+00) including Jammu (Part) Nagrota and Udhampur bypass Phase-II Programme of North-South corridor Project, Contract Package C-019

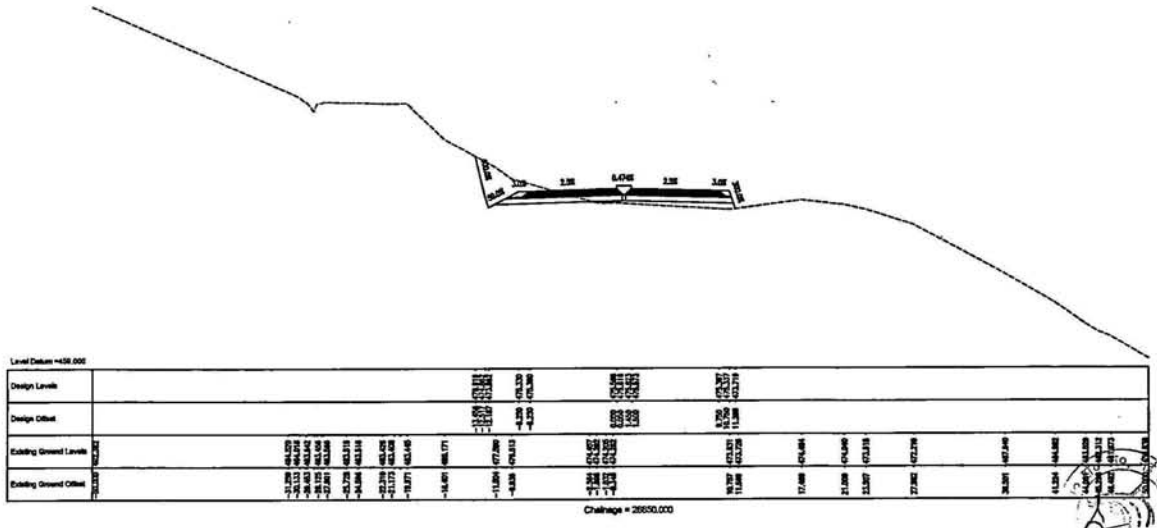
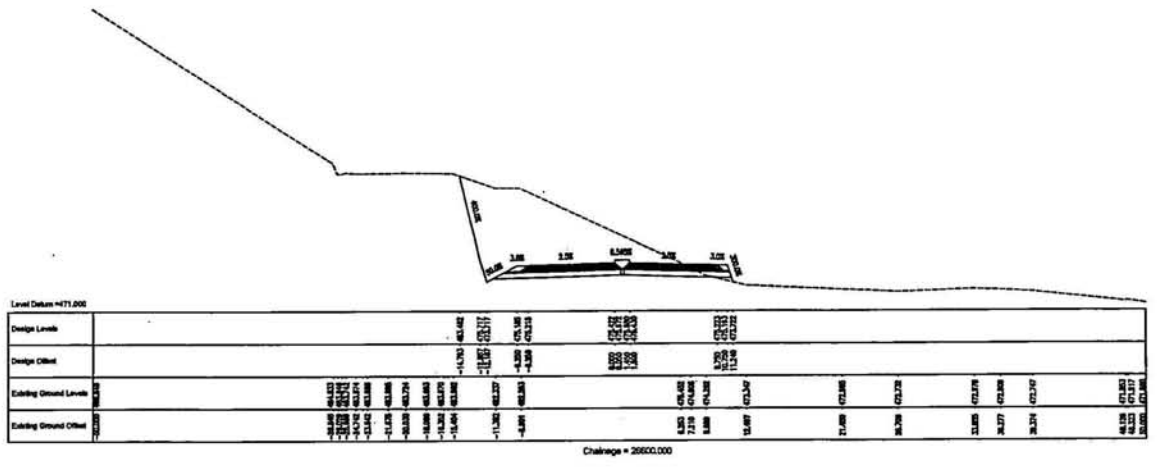
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Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: **CROSS SECTION CH. 26400.000 TO 26450.000**
 Drawing No.: **SW/1019/ROADS/CS - 109** Sheet:
 Scale: **NOT TO BE SCALED**
 Date: **JUNE-2009**

Scott Wilson India Private Limited
 A-25/4, MOHAN CO-OPERATIVE IND. ESTATE
 WAZIRABA ROAD
 NEW DELHI - 110044
 Tel: (011) 41673340 - 49
 Fax: (011) 41673350
 E-mail: swhi@scw.com





Note:- Levels shown are wet assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1 A (km 0.00 to km 88.00) including Jammu(Pur) Bypass and Udhampur Bypass Phase - II Programme of North-South - corridors Project, Contract Package C-NH1

For details in the project, refer to the drawings and specifications. It is the responsibility of the contractor to ensure that all work is carried out in strict accordance with the drawings and specifications. No part of this contract shall be construed to include any obligation of the contractor to provide any services not specified in the contract.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
 CH. 28800.000 TO 28850.000
Drawing No.: SW/1019/ROADS/CS - 111
Scale :- NOT TO BE SCALED
Drn K.L.N. **Dgn.** K.PRASAD **Appd** BRG.C.D.PUR **Date** JUNE-2009

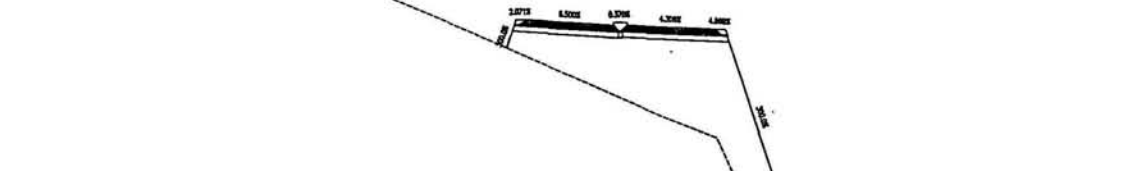
Scott Wilson India Private Limited
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 MATIURA ROAD
 NEW DELHI - 110044
 Tel: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: swindia@swi.com

Scott Wilson

194

Level Datum = 468.000												
Design Levels												
Design Offset												
Existing Ground Levels												
Existing Ground Offset												

Chambers = 25700.000



Level Datum = 467.000												
Design Levels												
Design Offset												
Existing Ground Levels												
Existing Ground Offset												

Chambers = 26700.000

Note:- Levels shown are set assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jaana - Uthampur section of NH-11 A (In 0.00 to Km 96.00) including Jaana(Pur) Nagrova and Uthampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-2016

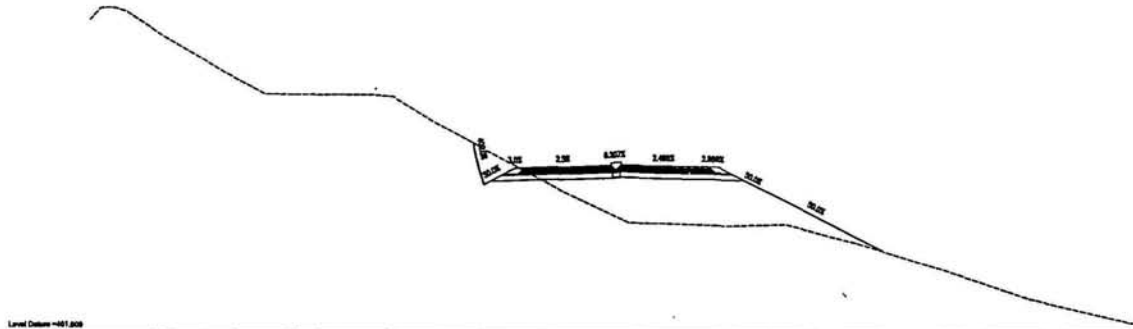
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Client
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 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 26700.000 TO 26750.000
 Drawing No.: SW/H1019/ROADS/CS - 112
 Scale: NOT TO BE SCALED
 Dm: K.L.N
 Dgn: K.PRASAD
 Appd: BRG.C.D.PUR
 Date: JUNE-2009

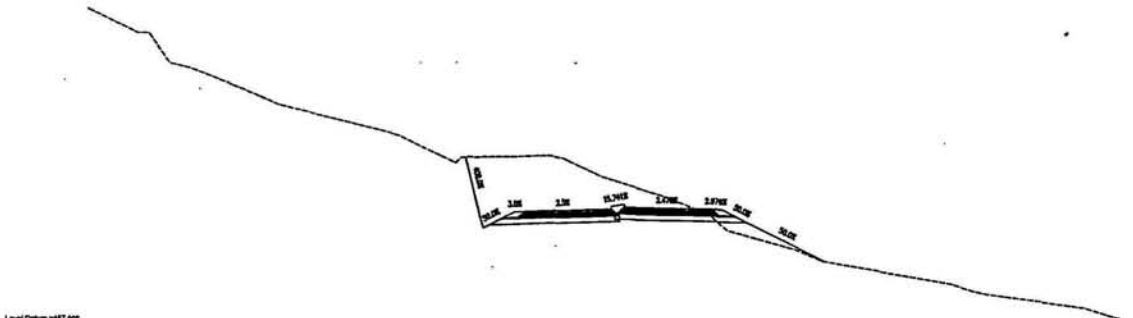
Scott Wilson India Private Limited
 A-25/4 KANAN CO-OPERATIVE IND. ESTATE
 WAREHOUS ROAD
 NEW DELHI - 110044
 Tel: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: scottwilson@gmail.com





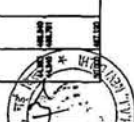
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Existing Ground Levels	-12.150 042.576 -12.151 042.526 -12.030 046.523 -12.049 044.511
Existing Ground Offset	0.000 042.576 0.000 042.526 0.000 046.523 0.000 044.511

Chiragrah = 26800.000



Level Datum = +87.208	
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Design Offset	0.000 021.777 0.000 021.574 0.000 021.343 0.000 021.343
Existing Ground Levels	-12.029 046.526 -12.079 044.529 -12.039 042.527 -12.039 042.523
Existing Ground Offset	0.000 046.526 0.000 044.529 0.000 042.527 0.000 042.523

Chiragrah = 26800.000



Note:-
Levels shown are not measured datum.

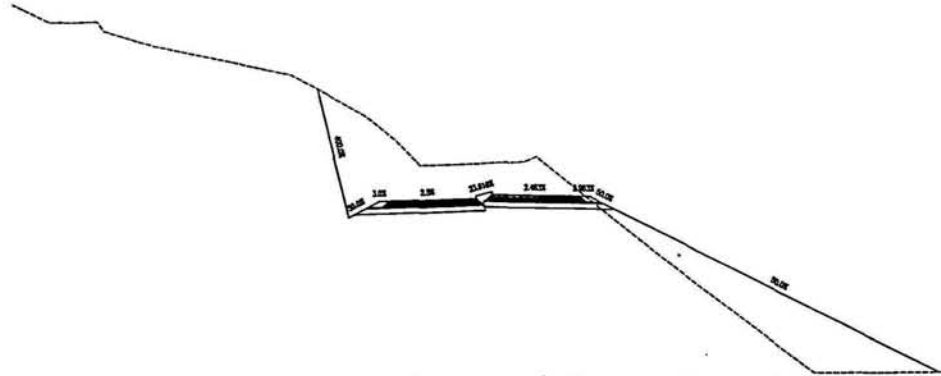
Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Cartageway comprising of Jammu - Udhampur section of NH-11A.
(As 1.00 to km 66.00) including Jammu(Pur) Margwa and Udhampur bypass Phase - II Programme of North-South - corridor Project, Contract Package C-6119

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 26800.000 TO 26850.000
Drawing No.: SW/1019/ROADS/C/S - 113
Scale: NOT TO BE SCALED
Drn: K.L.H. **Dgn:** K.PRASAD **Appd:** BRIG.C.D.PURI **Date:** JUNE-2009

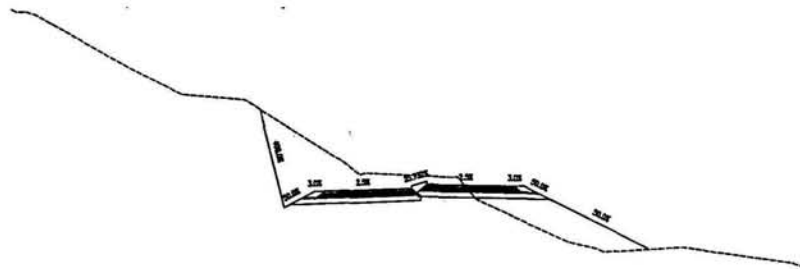
Scott Wilson India Private Limited
K-26/A, MOHAN CO-OPERATIVE IND. ESTATE
WAZIRPUR ROAD
NEW DELHI - 110044
Tele: (011) 41679340 - 49
Fax: (011) 41679350
E-mail: svisindia@gmail.com





Level Datum +43.200														
Design Levels														
Design Offset														
Existing Ground Levels														
Existing Ground Offset														

Chaisra = 26500.000



Level Datum +47.200														
Design Levels														
Design Offset														
Existing Ground Levels														
Existing Ground Offset														

Chaisra = 26950.000



Note:-
Levels shown are not assumed datum.

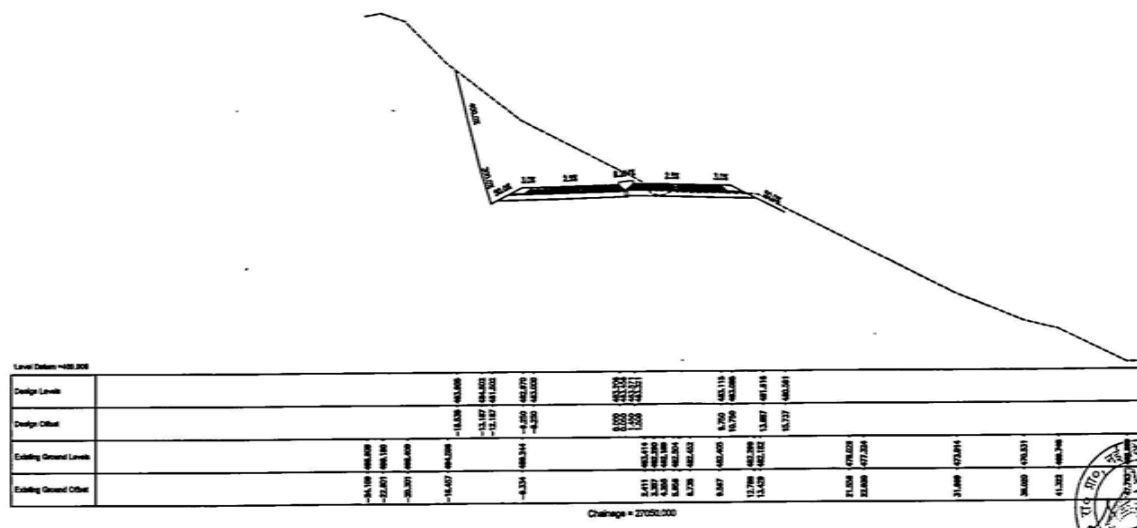
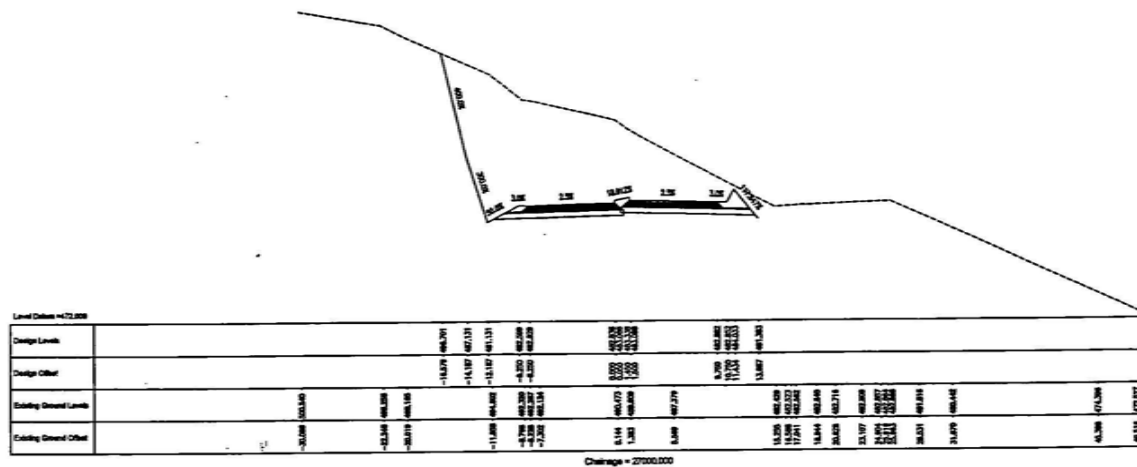
Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jaunpur - Unhampur section of NH-11 A (km 0.00 to km 16.00) including Jaunpur/Bari Hegra and Unhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-0316

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
CH. 26900.000 TO 26950.000
Drawing No.: SWW1019/ROADS/CS - 114
Scale: NOT TO BE SCALED
Des: K.L.N. **Dgn.:** K.PRASAD **Appd:** BRIG.C.D.PUR **Date:** JUNE-2009

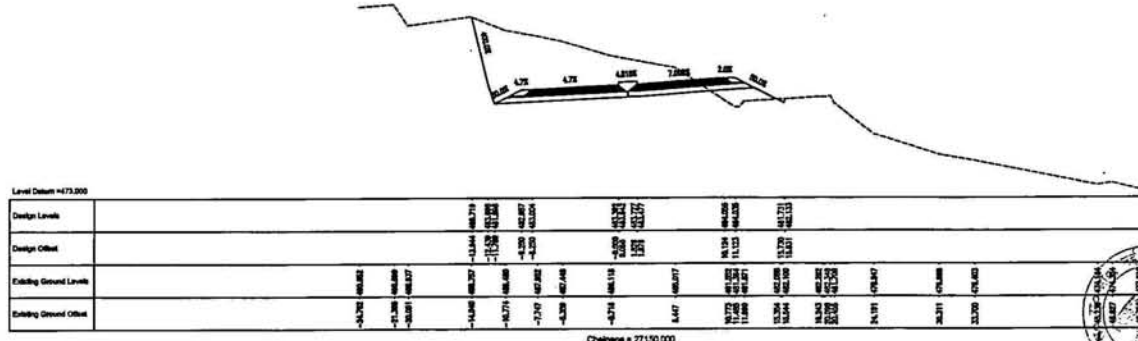
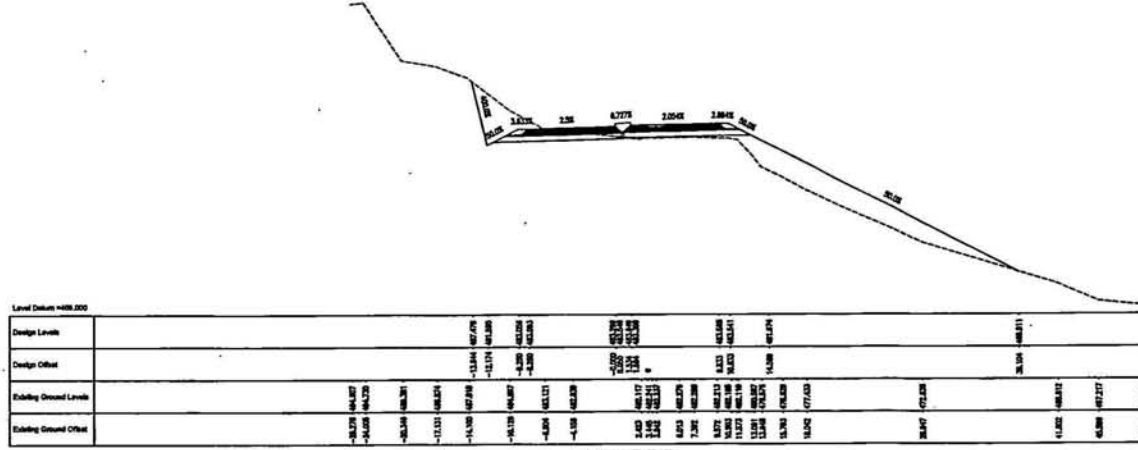
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Scale: NOT TO BE SCALED
Des: K.L.N. **Dgn.:** K.PRASAD **Appd:** BRIG.C.D.PUR **Date:** JUNE-2009

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NEW DELHI - 110044
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Fax: (011) 41679350
E-mail: info@swindia.com



<p>Note:- Levels shown are not assumed datum.</p>	<p>Project Title Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1A (on 0.30 to km 85.00) including Jammu/Pauri Bypass and Udhampur Bypass Phase - II Programme of North - South - corridors Project, Contract Package C-2818</p>	<p>Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)</p>	<p>Drawing Title: CROSS SECTION CH. 27000.000 TO 27050.000 Drawing No.: SWH/1019/ROADSCS - 115 Scale: NOT TO BE SCALED Drn: K.L.N Dgn: K.PRASAD Appd: S.R.C.C.P./P/1 Date: JUNE-2009</p>	<p>Sheet: 1 of 1</p>	<p>Wilson India Private Limited 7-26/4, MOHAN CO-OPERATIVE HO. ESTATE MATURA ROAD NEW DELHI - 110044 Tele: (011) 41579340 - 49 Fax: (011) 41579350 E-mail: geninfo@wilson.com</p>
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Note:- Levels shown are wet measured datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Cartageway (upgrading of Jammu - Udhampur section of NH-11A from 0.00 to km 88.00) including Jammu Part Highways and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-0918

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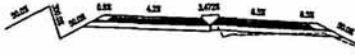
Drawing Title: CROSS SECTION CH. 27100.000 TO 27150.000
Drawing No.: SW/1019/ROADS/CS - 116
Scale: 1:100
Date: JUN-2009

Scott Wilson India Private Limited
A-26/4, MOHAN CO-OPERATIVE IND. ESTATE MATHURA ROAD
NEW DELHI - 110044
Tel: (011) 41679340 - 49
Fax: (011) 41679350
E-mail: swi@swiindia.com



Level Datum +498.900	CH. 27200.000											
	0+00	0+20	0+40	0+60	0+80	1+00	1+20	1+40	1+60	1+80	2+00	2+20
Design Levels	498.900	499.000	499.100	499.200	499.300	499.400	499.500	499.600	499.700	499.800	499.900	500.000
Design Offset	-1.80	-2.80	-4.80	-4.87	-3.20	-1.80	-1.80	-1.80	-1.80	-1.80	-1.80	-1.80
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Existing Ground Offset	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00

Chirga = 27200.000



Level Datum +498.900	CH. 27250.000											
	0+00	0+20	0+40	0+60	0+80	1+00	1+20	1+40	1+60	1+80	2+00	2+20
Design Levels	498.900	499.000	499.100	499.200	499.300	499.400	499.500	499.600	499.700	499.800	499.900	500.000
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Chirga = 27250.000

Notes:-

Levels shown are W.T measured datum.

Project Title

Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-51 A (from 0+00 to km 58+00) including Jammu (Part) Bypass and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-2012

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NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)



Drawing Title

CROSS SECTION @ CH. 27200.000 TO 27250.000

Drawing No. : SWW1019/ROADS/CS - 117

Scale :- NOT TO BE SCALED

Dn K.L.N. Dgn K.PRASAD Appd I.B.R.C.C.D.MUN Date JUNE-2009

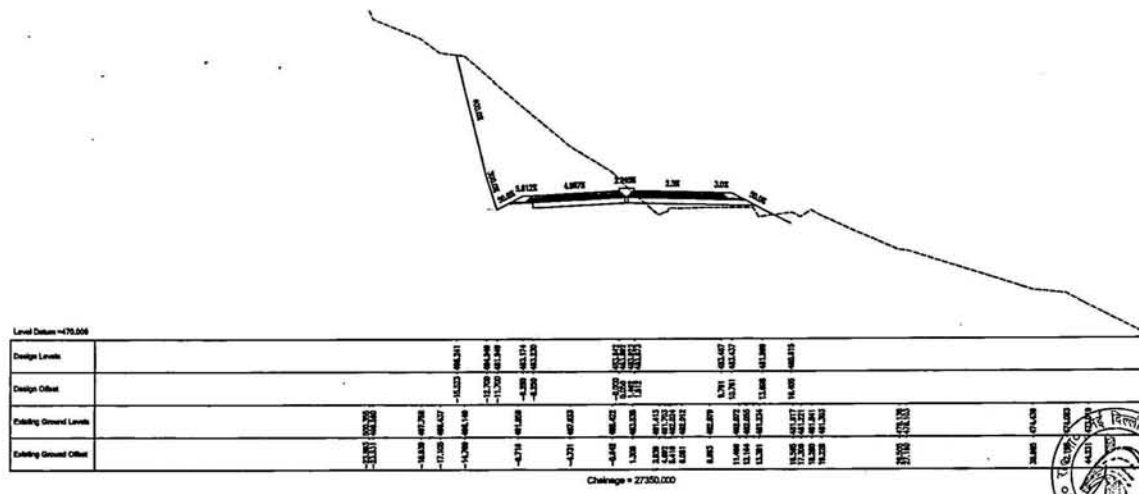
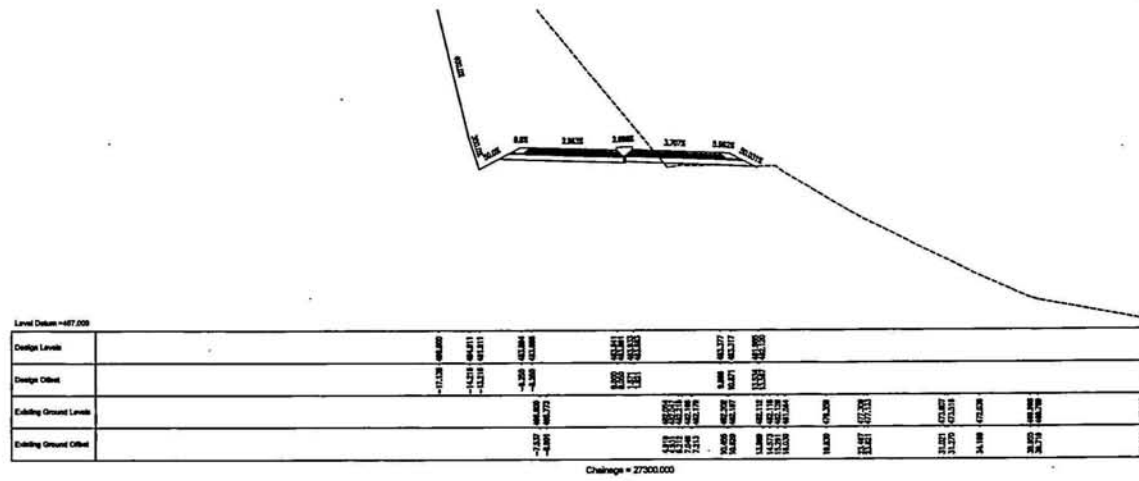


Scott Wilson India Private Limited
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E-mail: info@swi.com



200



Note:- Levels shown are not assumed datum.	Project Title Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (km 0.00 to km 86.00) including Jammu/Par) Nagrota and Udhampur bypass Phase - II Programme of North - South - corridor Project, Contract Package C-8918	This drawing is the property of Scott Wilson India Private Limited and shall not be used in any form or by any means without the written permission of the company. It shall be used only for the purpose of being referred to.	Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)	Drawing Title: CROSS SECTION CH. 27300.000 TO 27350.000	Sheet:
				Drawing No.: SW/1019/ROADS/CS - 118	Scale: NOT TO BE SCALED
				Drn: K.L.M.	Date: JUNE - 2009

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 E-mail: scwinfo@swil.com



Level Datum =+79.000

Design Levels																						
Design Offset																						
Existing Ground Levels																						
Existing Ground Offset																						

Chainage = 27+000.000

Level Datum =+81.000

Design Levels																					
Design Offset																					
Existing Ground Levels																					
Existing Ground Offset																					

Chainage = 27+400.000

Level Datum =+79.000

Design Levels																					
Design Offset																					
Existing Ground Levels																					
Existing Ground Offset																					

Chainage = 27+500.000

Note:-
Levels shown are not measured datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2 lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1 A from S.00 to Km 56.00 including Jammu/Patli Nagrova and Udhampur bypass Phase - II Programme of North - South corridor Project, Central Package-C.0718

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
CH. 27400.000 TO 27500.000

Drawing No.: SW/1019/ROADS/CS - 119

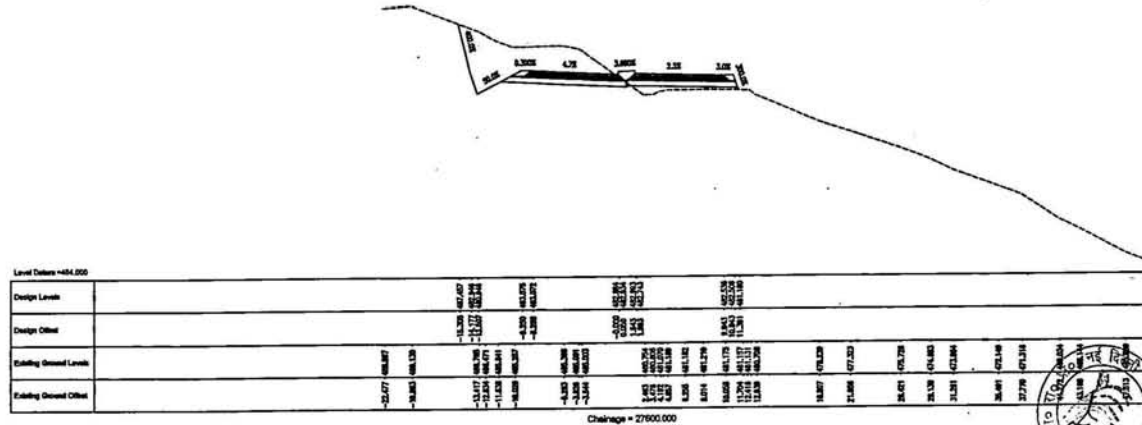
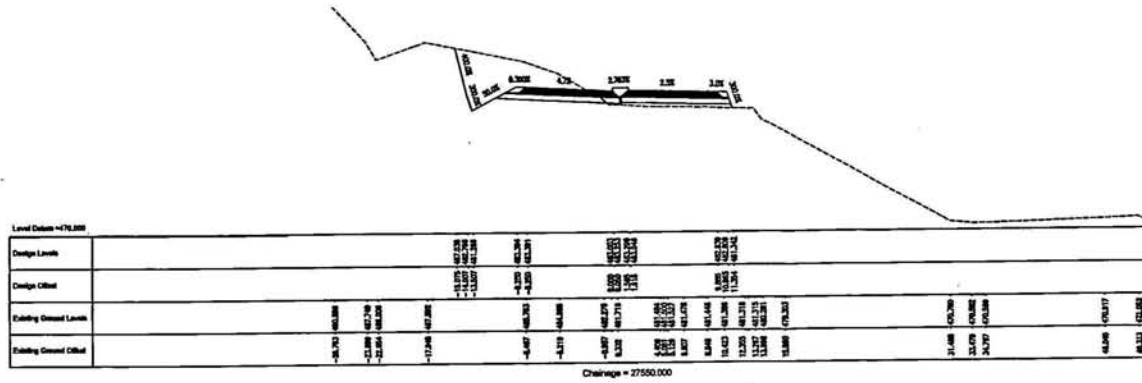
Scale: 1: NOT TO BE SCALED

Rev.: M.L.N
Dgn.: K.PRASAD
Appd: BHO.C.D.PURJ

Sheet:
Date: JUNE-2009

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Fax: (011) 41679350
E-mail: swi@scwipl.com





Note:- Levels shown are set assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-44 A (km 0.00 to km 66.00) including Jammu/Parit Nagrota and Udhampur Bypass Phase - II Programme of North - South - corridor Project. Contract Package C-0219

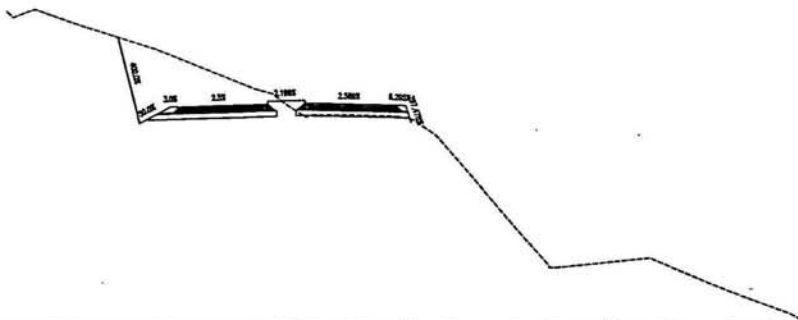
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Drawing Title: CROSS SECTION CH. 27550.000 TO 27600.000
Drawing No.: SWM1019/ROADSCS - 120
Scale: 1:500 NOT TO BE SCALED
Dgn: K.PRASAD
Appd: BRG.C.D.PUR
Date: JUNE-2009

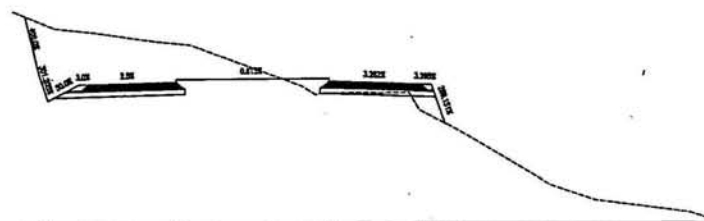
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Fax: (011) 41679350
E-mail: scviindia@rediffmail.com





Level Datum +62.000				
Design Levels				
Design Offset				
Existing Ground Levels				
Existing Ground Offset				

Chirpage = 27650.000



Level Datum +69.000				
Design Levels				
Design Offset				
Existing Ground Levels				
Existing Ground Offset				

Chirpage = 27700.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1 A (km 0.00 to km 86.00) including Jammu/Fairbairn and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-8718

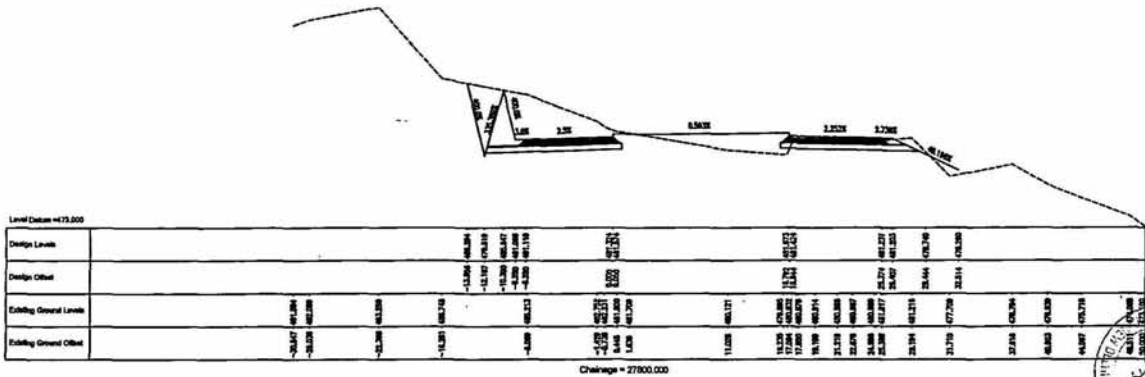
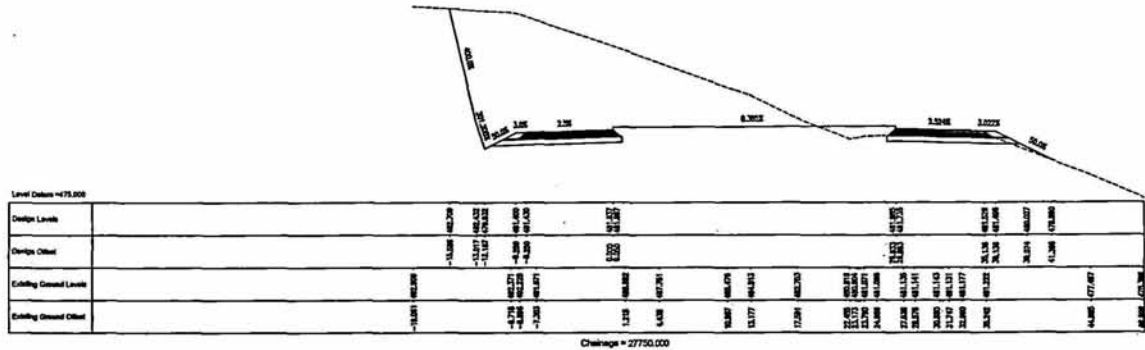
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Drawing Title: CROSS SECTION CH. 27650.000 TO 27700.000
Drawing No.: SWM/1019/ROADS/CS - 121
Scale: NOT TO BE SCALED
Dm: K.L.N. **Dgn.:** K.PRASAD **Appd:** BRG.C.D.PURR **Date:** JUNE-2009

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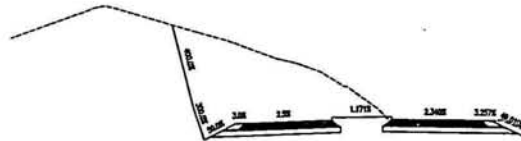




Note:- Levels shown are not assumed datum.	Project Title Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided carriageway configuration of Jammu - Ludhiana section of NH-1 A (Km 0.00 to Km 96.00) including Jammu/Parl) Bypass and Ludhiana Bypass Phase - II Programme of North - South - corridor Project, Central Package C-8918	Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)	Drawing Title: CROSS SECTION CH. 27750.000 TO 27800.000		Scale: NOT TO BE SEALED Date: JUNE-2009
			Drawing No.: SW/1018/ROADS/CS - 122		
			Dn: K.L.N.	Appd: K.PRASAD	

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Level Datum +188.000											
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											

Chirriage = 27950.000



Level Datum +172.000											
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											

Chirriage = 27900.000



Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for
 Rehabilitation and upgrading of existing 3-lane road to 4-lane divided
 Carriageway configuration of Jammu - Udhampur section of NH-1 A
 (km 0.00 to km 86.00) including Jammu/Parit Nagar and Udhampur
 Bypass Phase - II Programme of North - South - corridors Project,
 Contract Package C-2918

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Drawing Title: CROSS SECTION
 CH. 27850.000 TO 27900.000
 Drawing No.: SW/1019/ROADS/CS - 123 Sheet :
 Scale :- NOT TO BE SCALED
 Dwn. K.L.N. Appd. K.PRASAD Date JUNE-2009
 BRCL,U,PUR

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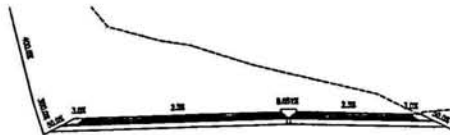
Level Datum +72.000											
Design Levels											
Design Offset											
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Chainage = 27900.000



Level Datum +69.000											
Design Levels											
Design Offset											
Existing Ground Levels		13.750	48.218		13.750	48.218		13.750	48.218		13.750
Existing Ground Offset		-15.250	46.218		-15.250	46.218		-15.250	46.218		-15.250

Chainage = 28000.000



Level Datum +75.000											
Design Levels											
Design Offset											
Existing Ground Levels		18.500	48.279		13.250	48.212		13.250	48.212		13.250
Existing Ground Offset		-16.500	46.279		-15.250	46.212		-15.250	46.212		-15.250

Chainage = 28050.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jaunpur - Udhampur section of NH-11A (km 0.00 to km 86.00) including Jaunpur(Part) Bypass and Udhampur Bypass Phase - II Programme of North - South - corridors Project, Contract Package C&B78

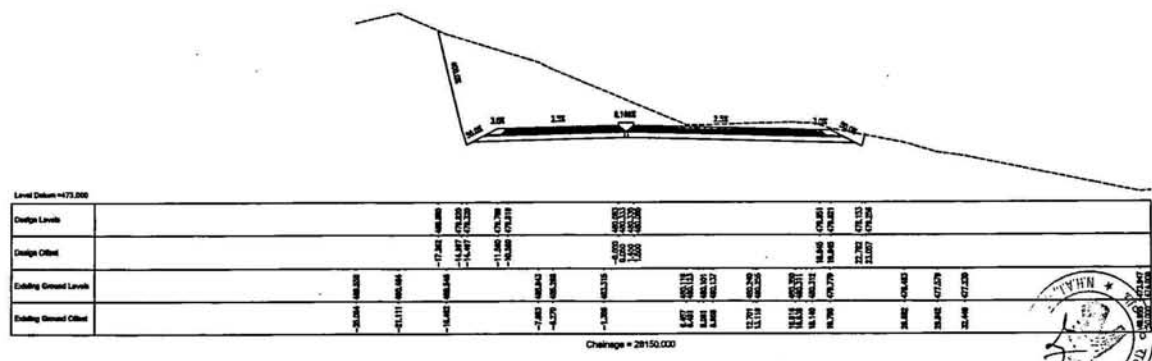
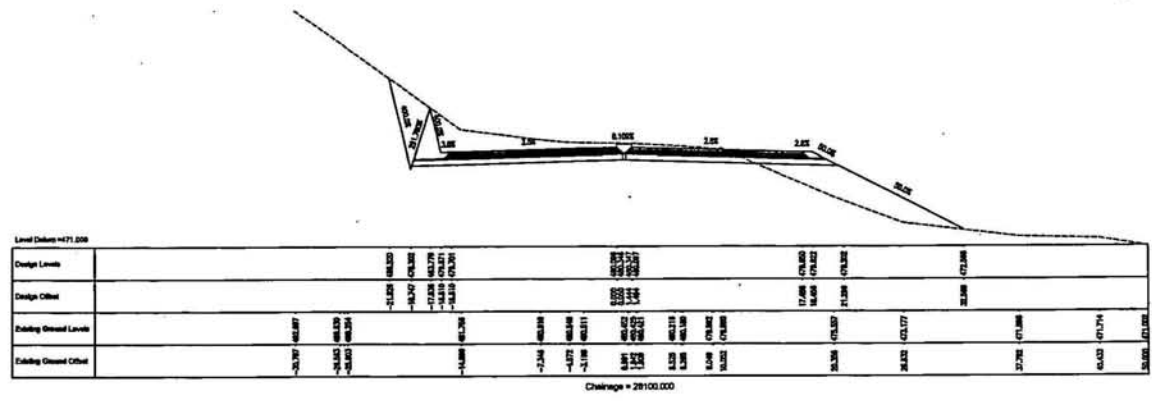
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Drawing Title: CROSS SECTION
 CH. 27950.000 TO 28050.000
Drawing No.: SW/1019/ROADS/CS - 124
Scale: NOT TO BE SCALED
Date: JUNE-2009
Appd: BING.C.D.PURJ
Dgn: K.PRASAD

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Note:-
Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carrieway configuration of Jammu - Udhampur section of NH-11A (km 0.00 to km 66.00) including Jammu/Bar/ Nagrota and Udhampur Bypass Phases - II Programme of North-South - corridor Project, Contract Package C.8018

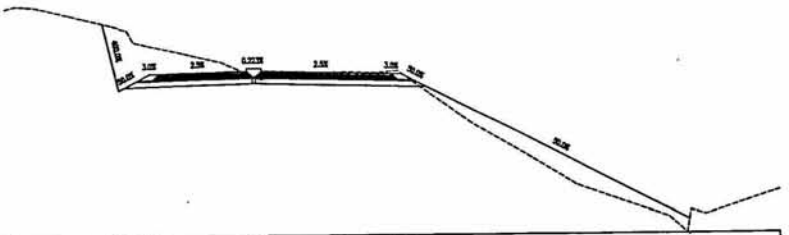
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Drawing Title: **CROSS SECTION CH. 28100.000 TO 28150.000**
Drawing No.: **SWM/1019/ROADS/CS - 125**
Scale: **1: - NOT TO BE SCALED**
Drm: **K.L.N**
Dgn: **K.RHASAD**
Date: **JUNE-2009**

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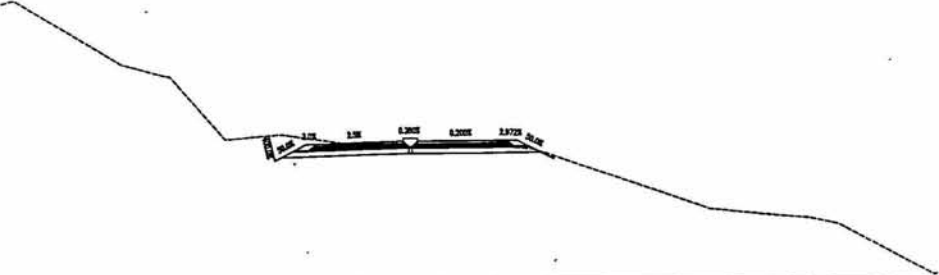




Level Datum = +55.208

Design Levels																	
Design Offset			-13.733	-11.357	-9.205	-8.205	-7.807	-7.307	-6.807	-6.307	-5.807	-5.307	-4.807	-4.307	-3.807	-3.307	-2.807
Existing Ground Levels	55.208	55.208	55.208	55.208	55.208	55.208	55.208	55.208	55.208	55.208	55.208	55.208	55.208	55.208	55.208	55.208	55.208
Existing Ground Offset																	

Chirajaga = 28200.000



Level Datum = +57.208

Design Levels																	
Design Offset			-13.733	-11.357	-9.205	-8.205	-7.807	-7.307	-6.807	-6.307	-5.807	-5.307	-4.807	-4.307	-3.807	-3.307	-2.807
Existing Ground Levels	57.208	57.208	57.208	57.208	57.208	57.208	57.208	57.208	57.208	57.208	57.208	57.208	57.208	57.208	57.208	57.208	57.208
Existing Ground Offset																	

Chirajaga = 28250.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for
 Resurfacement and upgrading of existing 2-lane road to 4-lane divided
 carriageway configuration of Jarra - Uthumpur section of NH-14 A
 from 8.85 to km 86.05 including Jarra(Pur) Nagara and Uthumpur
 Bypass Phase - II Programme of North-South corridor Project,
 Contract Package C-3/13

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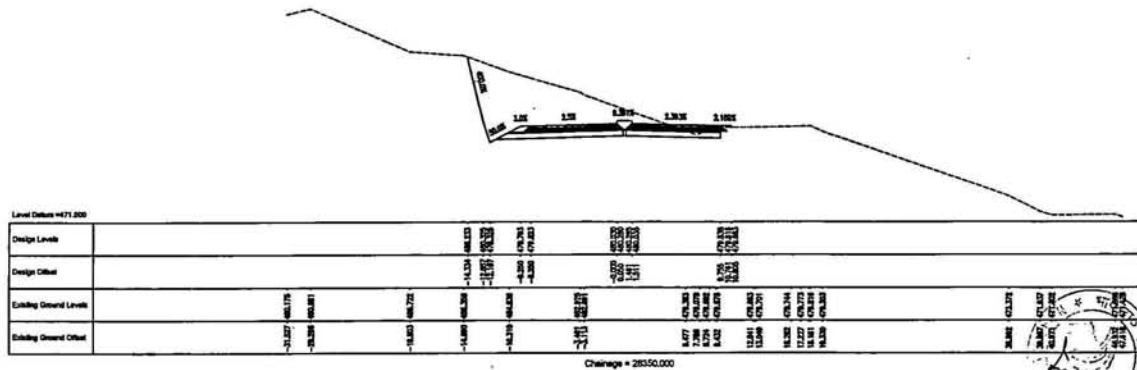
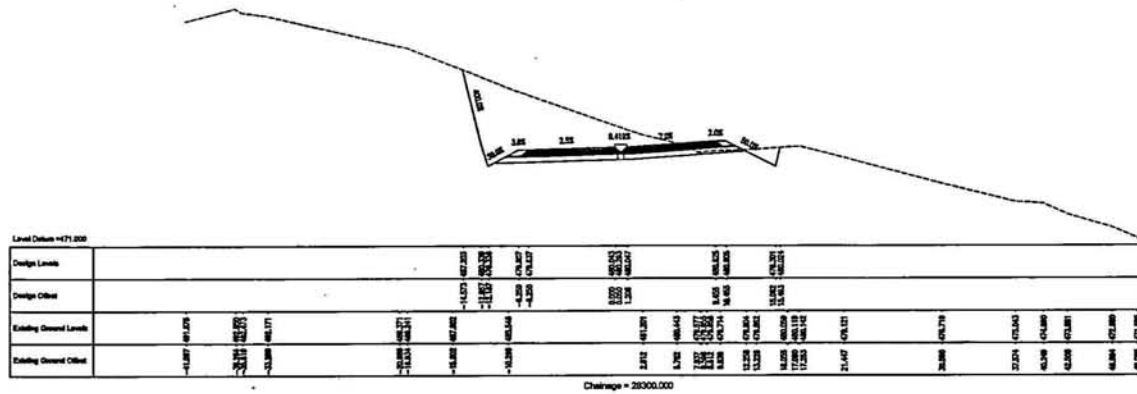
Drawing Title:
**CROSS SECTION
 CH. 28200.000 TO 28250.000**

Drawing No. : SW/1019/ROADSCS - 126 Sheet :
 Scale : NOT TO BE SCALED
 Dsn. K.L.W. Appd. Srinivas C.D. PURI Date JUNE - 2008

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 e-mail : svindia@swi.com

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Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-11 A (km 0.00 to km 26.00) including Jammu/Par) Nagrota and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-4818

Client
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Drawing Title: CROSS SECTION
 CH. 28300.000 TO 28350.000

Drawing No.: SW/1019/ROADS/CS - 127

Scale: NOT TO BE SCALED

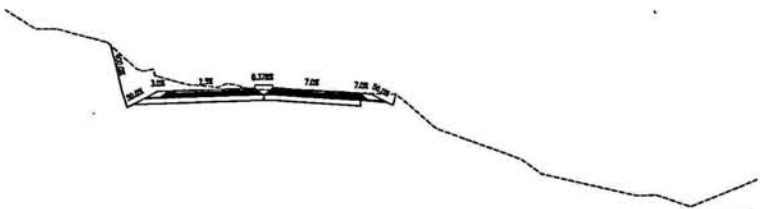
Drn: K.L.N. **Dgn.:** K.PRASAD **Appd:** BRD.C.D.PUR **Date:** JUNE-2009

Sheet: 1 of 1

Date: JUNE-2009

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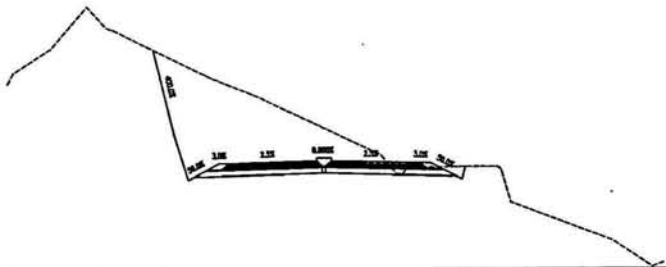




Level Datum +488.000

Design Levels																				
Design Offset																				
Existing Ground Levels																				
Existing Ground Offset																				

Chainage = 28400.000



Level Datum +470.000

Design Levels																				
Design Offset																				
Existing Ground Levels																				
Existing Ground Offset																				

Chainage = 28400.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway (including of Jammu - Udhampur section of NH-1-A) (Am 0.00 to km 06.00) including Jammu/Jairam Nagar and Udhampur Bypass Phase - II Programme of North-South - corridor Project, Contract Package C-8718

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Drawing Title: CROSS SECTION
 CH. 28400.000 TO 28450.000

Drawing No. : SWM/1019/ROADS/CS - 128 Sheet :
 Scale :- NOT TO BE SCALED
 Dwn. K.L.N. Appd. K.PRASAD Date JUNE-2009

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Level Datum = 071.88

Design Level					14.375	14.375	14.375	14.375	14.375	14.375	14.375	14.375	14.375	14.375	14.375	14.375	14.375
Design Offset																	
Existing Ground Levels	-13.306	-14.526	-15.105	-15.236	-14.736	-14.236	-14.236	-14.236	-14.236	-14.236	-14.236	-14.236	-14.236	-14.236	-14.236	-14.236	-14.236
Existing Ground Offset																	

Chalage = 28500.000

Level Datum = 498.228

Design Level																		
Design Offset																		
Existing Ground Levels	-3.822	-3.616	-3.509	-3.411	-3.314	-3.216	-3.118	-3.020	-2.922	-2.824	-2.726	-2.628	-2.530	-2.432	-2.334	-2.236	-2.138	-2.040
Existing Ground Offset																		

Chalage = 28500.000

Note:- Levels shown are self assumed datum.

Project Title: Consulting services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided configuration of Jammu - Udhampur section of NH-1 A (km 0+00 to km 85+00) including Jammu(Pur) Bypass and Udhampur Bypass Phase - III Programme of North - South - corridor Project, Contract Package C-018

Client: NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 28500.000 TO 28550.000

Drawing No.: SWM/1019/ROADS/C/S - 129

Scale: NOT TO BE SCALED

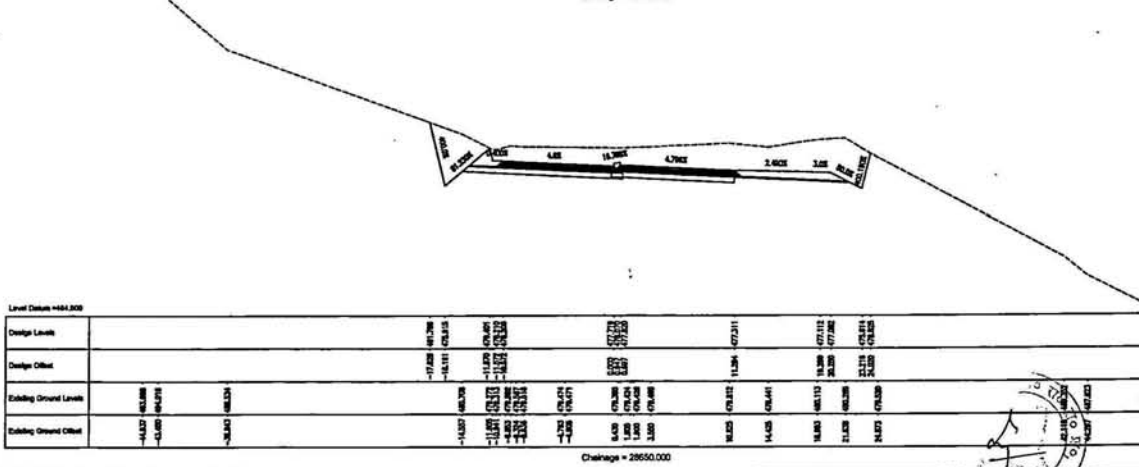
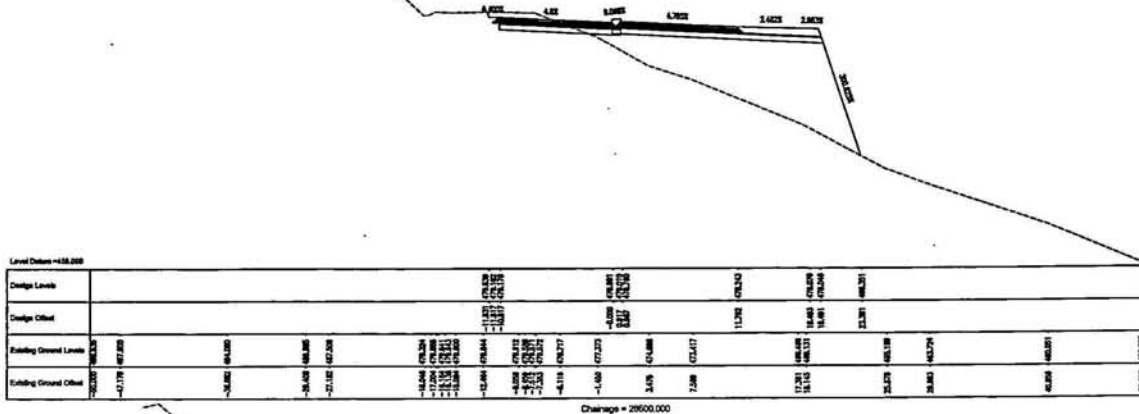
Dra: K.L.W. Dgn: K.PRA/SAD Appd: SRG.C.D.PUR Date: JUNE - 2009

Sheet: 27

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Swi Wilson





Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jerrisa - Udhampur section of NH-1 A (km 0.00 to km 68.00) including Jerrisa, Parb Nagra and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-0718

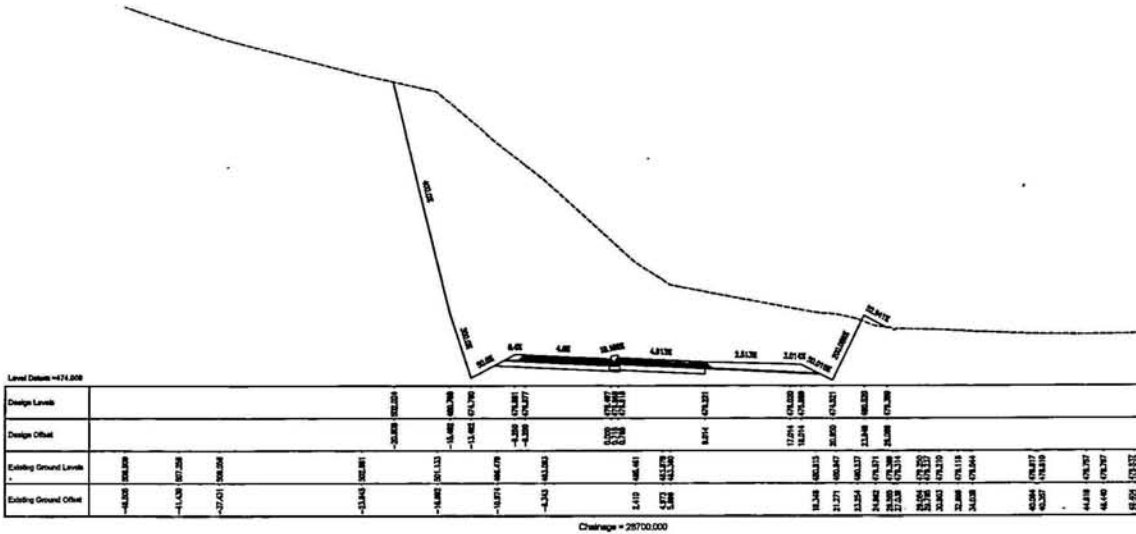
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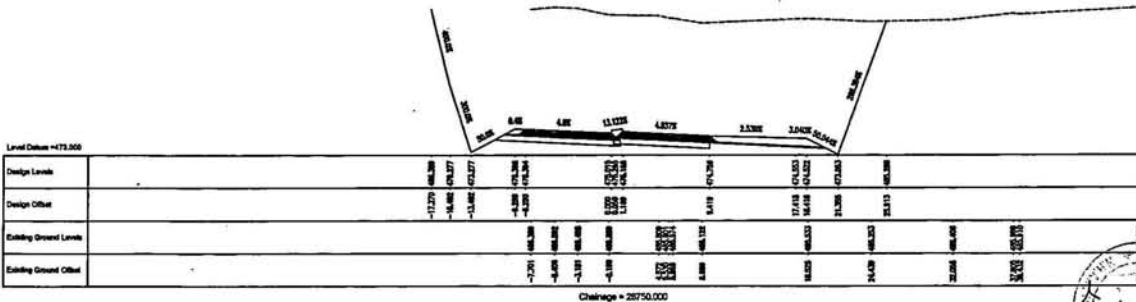
Drawing Title: CROSS SECTION - CH. 28600.000 TO 28650.000
Drawing No.: SW/1019/ROADS/CS - 130
Scale: NOT TO BE SCALED
Drn: K.L.N
Dgn: K.PRASAD
Appd: SRIG.C.D.PURI
Date: JUNE-2009

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 E-mail: swi@sc-wilson.com





Chainage = 28750.000



Chainage = 28750.000

Note:- Levels shown are self assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for
 Rehabilitation and upgrading of existing 2-lane road to 4-lane divided
 Carriageway configuration of Jammu - Udhampur section of NH-1A
 (from 8.00 to km 88.00) including Jammu/Part Nagrota and Udhampur
 Bypass Phase - II Programme of North - South - corridors Project,
 Contract Package C-8918

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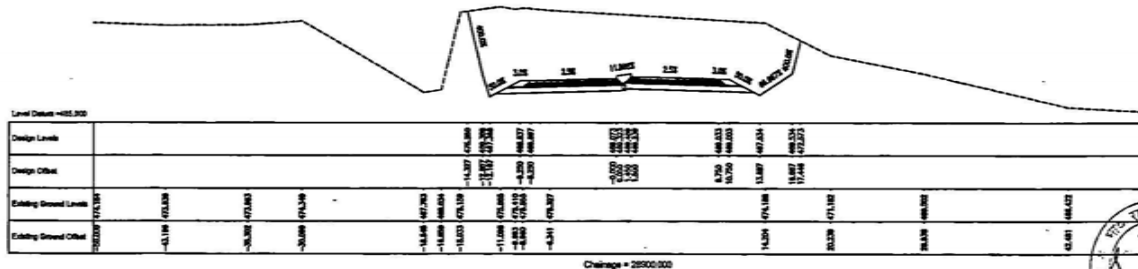
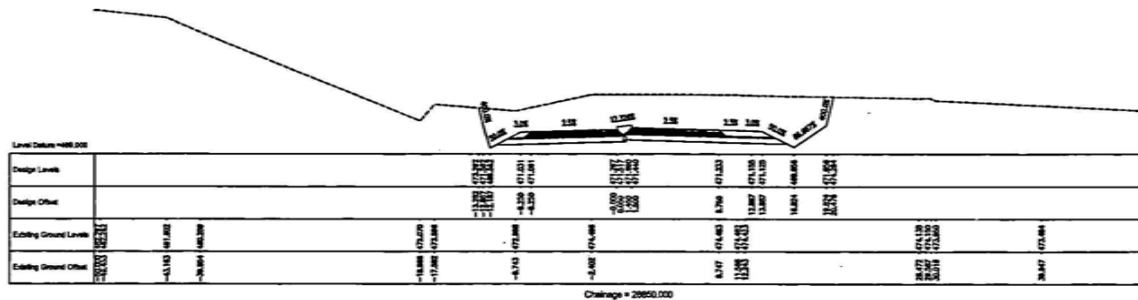
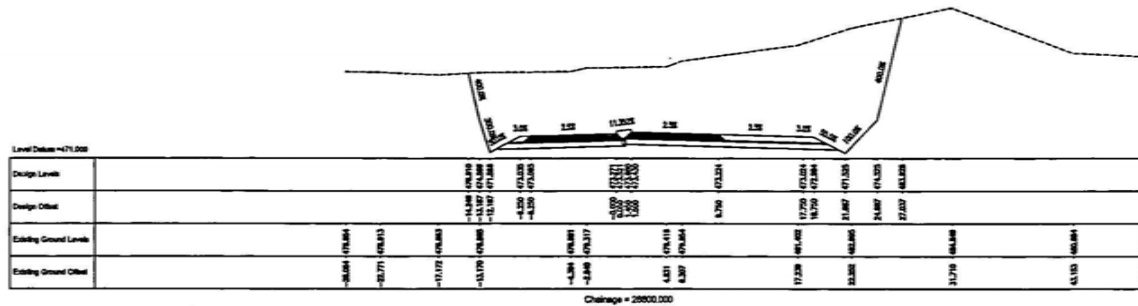
Drawing Title
**CROSS SECTION
 CH. 28700.000 TO 28750.000.**

Drawing No. : SWM/1019/ROADS/CS - 131 Sheet :
 Scale : NOT TO BE SCALED
 Dm: KLN Dgn: KPRASAD Date: BRIG.C.D.PURI JUNE-2009

Sothi Wilson India Private Limited
 2574, MOHAN CO-OPERATIVE IND. ESTATE
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 Tele: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail : swindia@rediffmail.com

Sothi
 Wilson





Notes:-
Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3 lane road to 4 lane divided carriageway configuration of Jammu - Udhampur section of NH-1 A (from 0.00 to last 50.00) including Jammu/Turk heights and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-0878

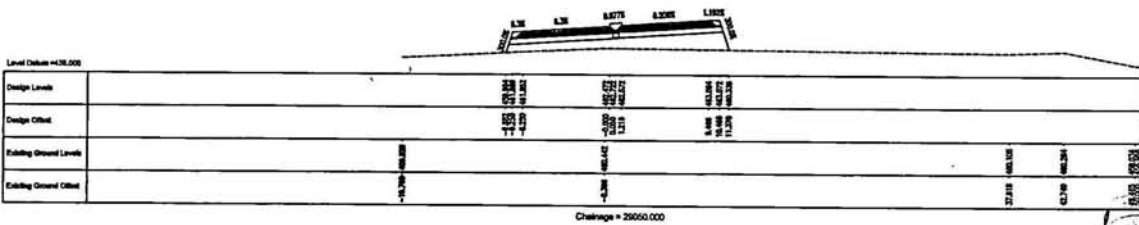
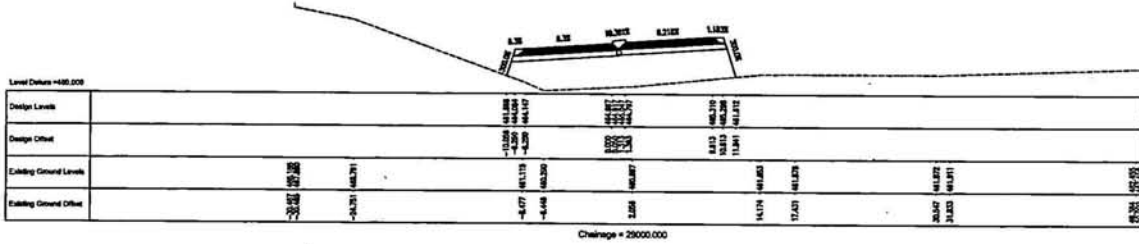
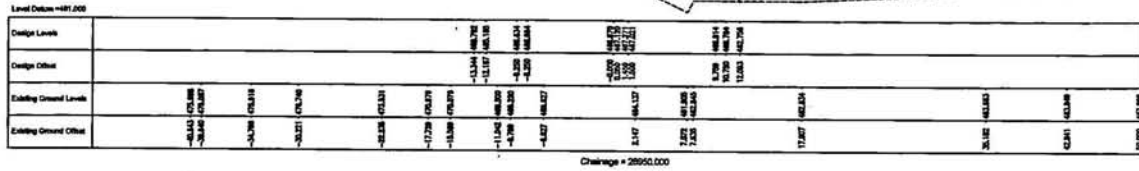
For approval by the project authority
The Engineer in Charge
National Highways Authority of India
New Delhi

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
CH. 28800.000 TO 28900.000
Drawing No.: SW/1019/ROADS/CS - 132
Scale: NOT TO BE SCALED
Drawn by: K.L.N.
Checked by: K.PRASAD
Appd. by: BRIG.C.D.PUR
Date: JUNE-2019

Scott Wilson India Private Limited
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Fax: (011) 41678350
E-mail: swindia@swindia.com





Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1A (km 0.00 to km 66.00) including Jammu/Puri Bypass and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-0818

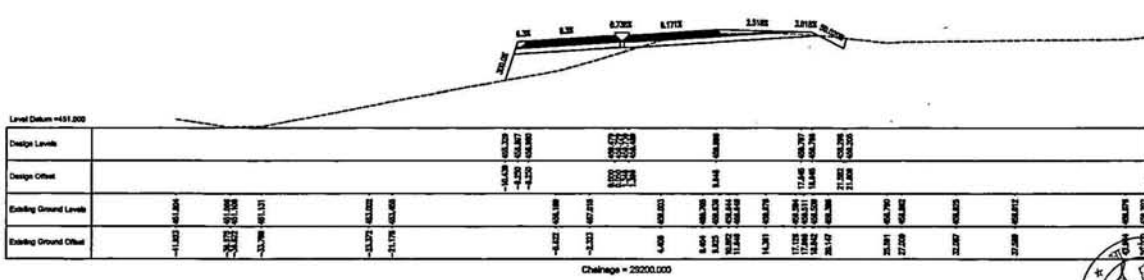
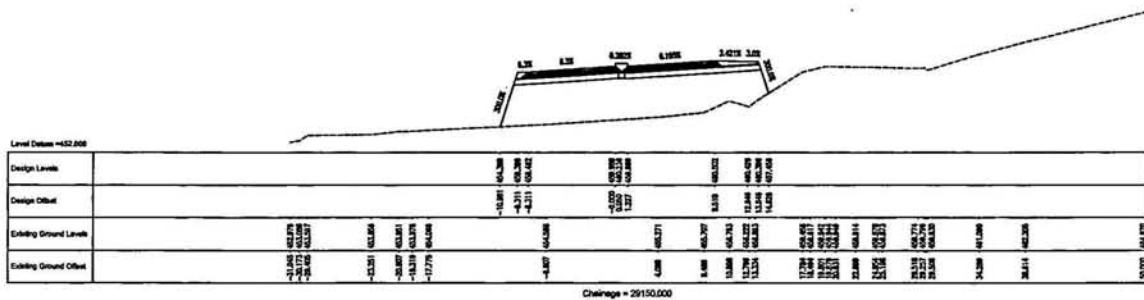
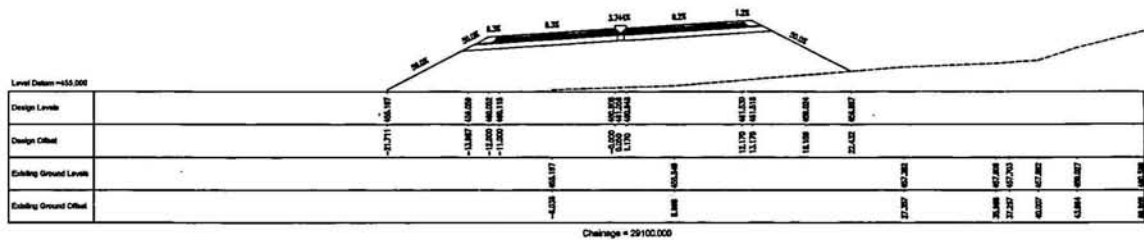
Site
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 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
 CH. 28950.000 TO 29050.000
Drawing No.: SW/1019/ROADS/CS - 133
Scale: NOT TO BE SCALED
On: K.L.N
By: K.PRASAD
Appd: BRG.C.D.PURI
Date: JUNE-2009

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Note:- Levels shown are not assumed datum.

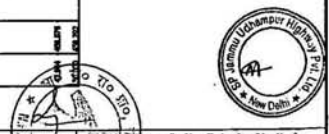
Project Title
 Consulting services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-11 A (km 0.00 to km 98.00) including Jammu/Parit Nagroah and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-8918

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Drawing Title: CROSS SECTION CH. 29100.000 TO 29200.000
Drawing No.: SW/1019/ROADS/CS - 134
Scale: NOT TO BE SCALED
Appd: K.PRASAD
Date: JUNE-2009

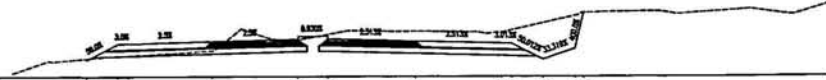
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 Fax: (011) 41678350
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Level Datum +481.000														
Design Levels														
Design Offset														
Existing Ground Levels	481.000	481.000	481.000	481.000	481.000	481.000	481.000	481.000	481.000	481.000	481.000	481.000	481.000	481.000
Existing Ground Offset														

Chirga = 29250.000



Level Datum +433.000														
Design Levels														
Design Offset														
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Existing Ground Offset														

Chirga = 29000.000

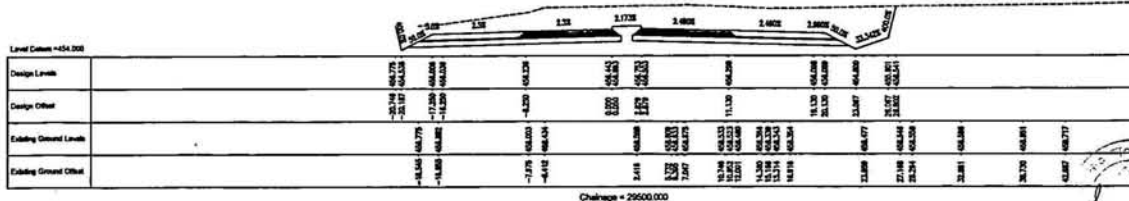
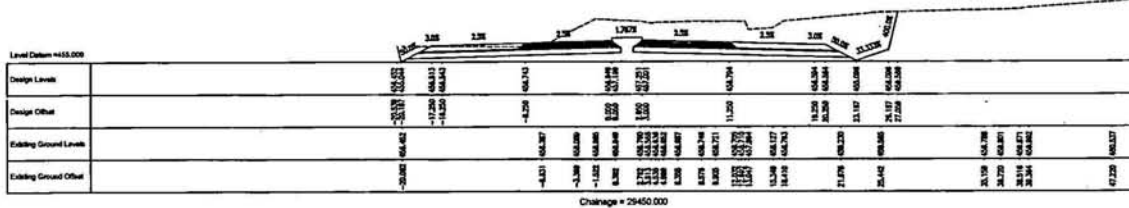
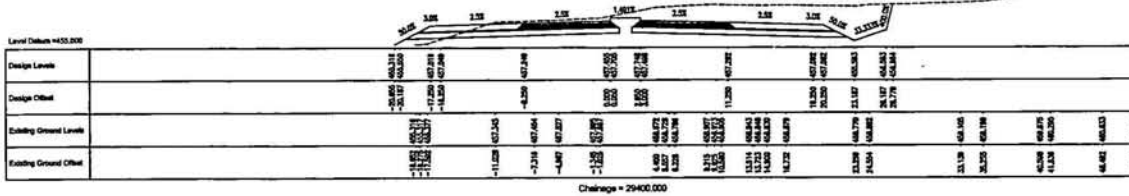


Level Datum +438.000														
Design Levels														
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Existing Ground Offset														

Chirga = 29350.000

Note:- Levels shown are not assumed datum.	Project Title Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Category carrying capacity of Jaunpur - Udhampur section of NH-1 A (km 0.50 to km 84.00) including Jaunpur-Purj) Bypass and Udhampur Bypass Phase - II Programme of North-South corridor Project Contract Package C-6/18	This work is the property of National Highways Authority of India and shall not be reproduced or transmitted in any form or by any means electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior permission in writing from the National Highways Authority of India.	Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)	Drawing Title: CROSS SECTION CH. 29250.000 TO 29350.000	Sheet : Scale :- NOT TO BE SCALED	Scott Wilson India Private Limited 2/26/4, MOHAN CO-OPERATIVE IND. ESTATE ANANDRA ROAD NEW DELHI - 110044 Tel: (011) 41679340 - 49 Fax: (011) 41679350 E-mail : scwindsia@gmail.com
	Drawing No. : SW/1018/ROADS/CS - 135	Date JUN-2009	Dgn. K.PRASAD	Appd BRG.C.D.PURI		





Note:- Levels shown are wll assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Category III configuration of Jammu - Udhampur section of NH-1 A (from 0.00 to km 50.00) including Jammu (Part) Bypass and Udhampur Bypass Phase - II Programme of North - South - Corridor Project, Contract Package C-0718

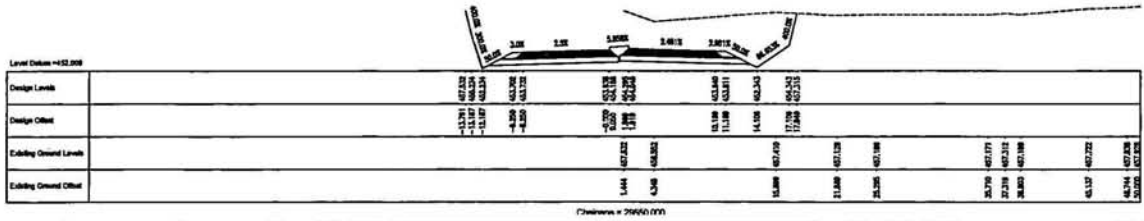
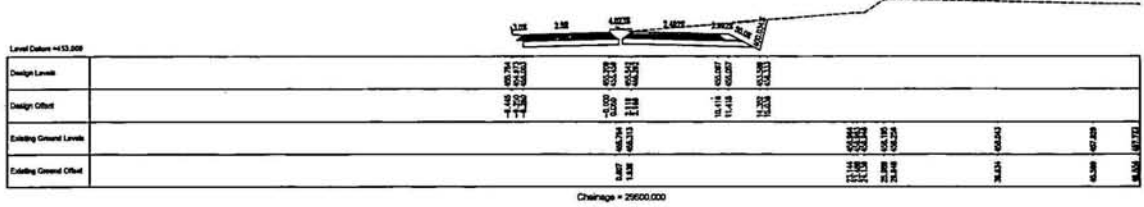
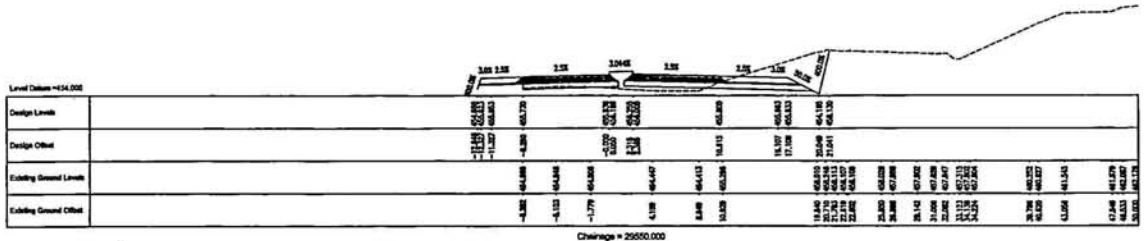
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Drawing Title:
 CROSS SECTION
 CH. 29400.000 TO 29500.000
 Drawing No. : SWV/1019/ROADS/CS - 136
 Scale :- NOT TO BE SCALED
 Dwn K.L.N Dgn. Y.PRASAD Appd. (Signature) Date JUNE-2009

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 Fax: (011) 41679350
 E-mail: scw@swindia.com





Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1 A from 0+00 to km 86.00 including Jammu (Part) Bypass and Udhampur Bypass Phase - III Programme of North-South corridor Project, Contract Package C-018

This drawing has been prepared by the consultant on the basis of the data and information provided by the client. The consultant is not responsible for any errors or omissions in the data and information provided by the client. The client is responsible for the accuracy and completeness of the data and information provided.

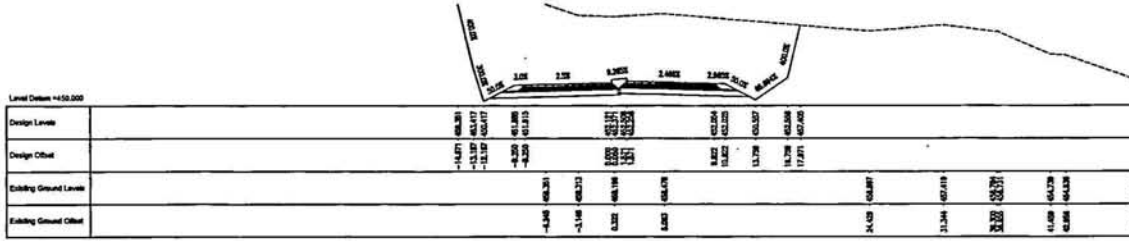
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Drawing Title: CROSS SECTION CH. 29550.000 TO 29650.000
 Drawing No.: SW/1019/ROADS/CS - 137
 Scale: NOT TO BE SCALED
 Date: JUNE-2009

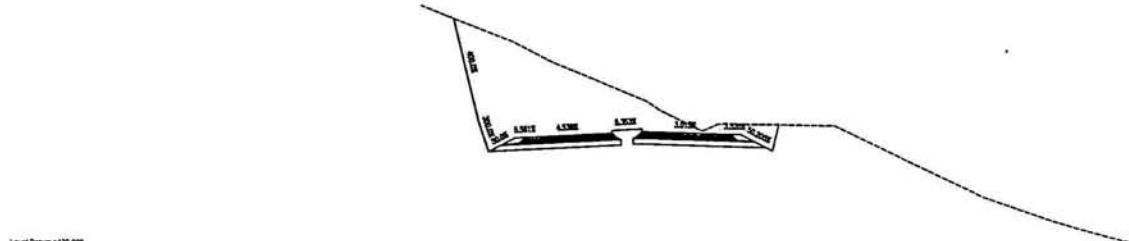


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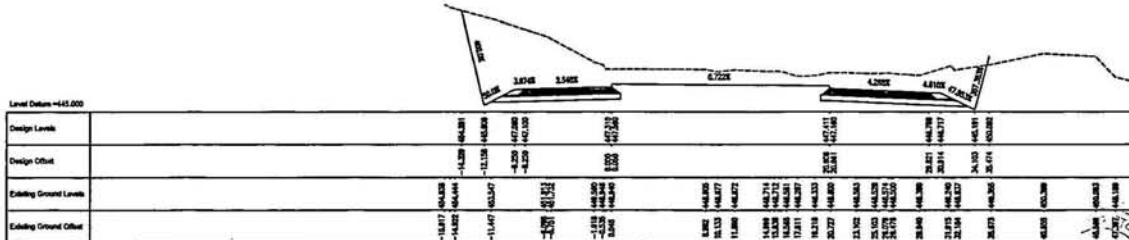




Chirraige = 29700.000



Chirraige = 29750.000



Chirraige = 29800.000

Notes:-
Levels shown are wet assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jarra - Umtharpur section of NH-11-A (for 9.00 to km 95.00) including Jarra/(Part) Nagaria and Umtharpur Bypass Phase - III Programme of North - South - corridor Project, Contract Package C-09II

For use only in the project of
Jarra Umtharpur section of NH-11-A
Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jarra/(Part) Nagaria and Umtharpur Bypass Phase - III Programme of North - South - corridor Project, Contract Package C-09II

Client
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Drawing Title:
CROSS SECTION:
CH. 29700.000 TO 29800.000

Scale :-
NOT TO BE SCALED

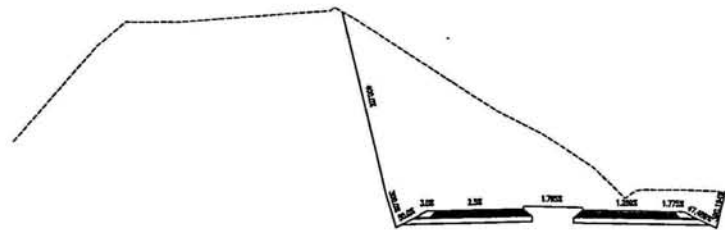
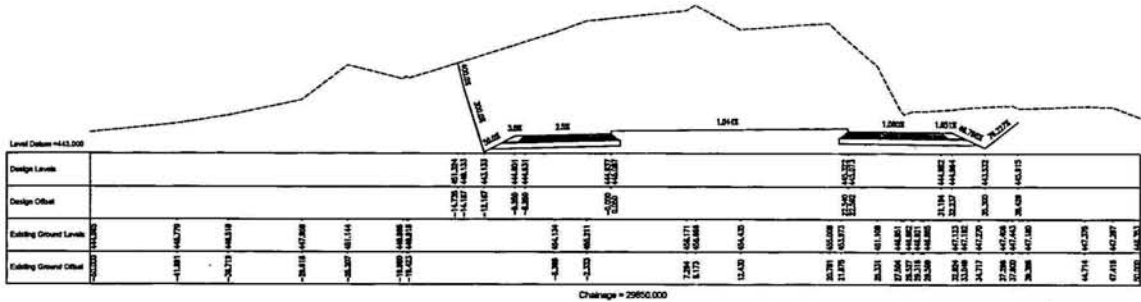
Drawn by:
Dgm
M.L.N

Appd:
K.PRASAD

Date:
JUNE-2009

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E-mail: swi@g-swil.com





Note:-
Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for
Rehabilitation and upgrading of existing 2-lane road to 4-lane divided
Carriageway configuration of Jammu - Udhampur section of NH-51 A
Km 0.00 to Km 06.00 including Jammu (NH) Bypass and Udhampur
Bypass Phase - II Programme of North-South Corridor Project,
Contract Package C-0118

Client
NATIONAL HIGHWAYS
AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
CH. 29850.000 TO 29900.000

Drawing No.: SW/1019/ROADS/CS - 139

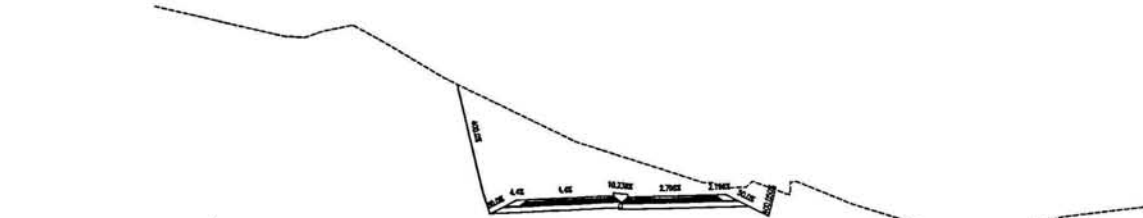
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Dn: K.L.N
Appd: K.PRASAD
Brng.C.D.PUR:

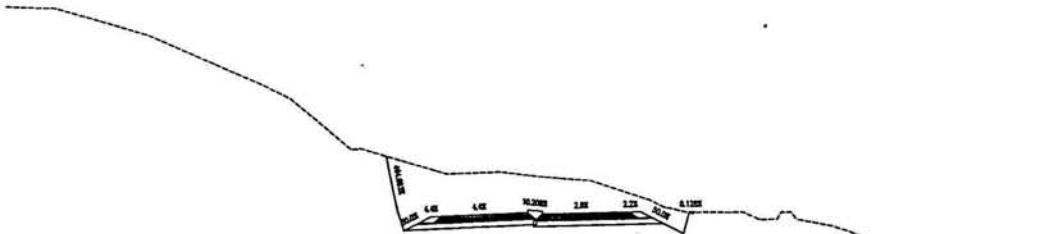
Date: JUNE-2009

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NEW DELHI - 110044
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Fax: (011) 41679350
E-mail: swindia@gmail.com





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Design Levels											
Design Offset											
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Level Datum = +427.000											
Design Levels											
Design Offset											
Existing Ground Levels	44.276	44.521	44.411	44.315	44.251	44.200	44.161	44.132	44.111	44.098	44.091
Existing Ground Offset	-4.041	-3.776	-3.531	-3.276	-3.021	-2.766	-2.511	-2.256	-2.001	-1.746	-1.491

Note:- Levels shown are not assumed data.

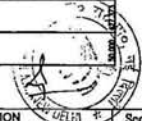
Project Title
 Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH 1 A (km 0.00 to km 95.00) including Jammu/Udhampur Bypass and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-0818

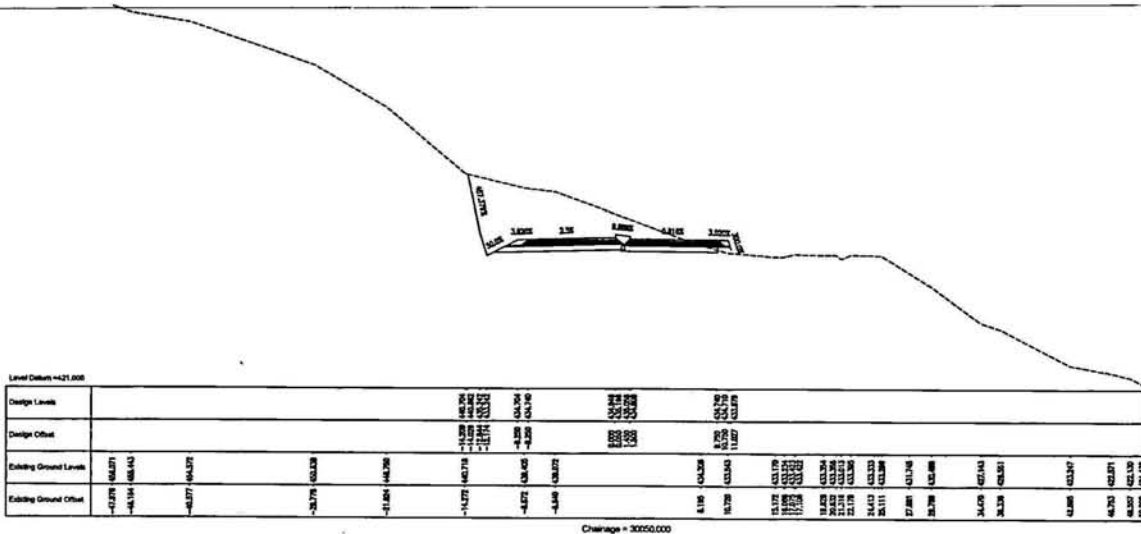
Client
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Drawing Title:
CROSS SECTION CH. 29950.000 TO 30000.000

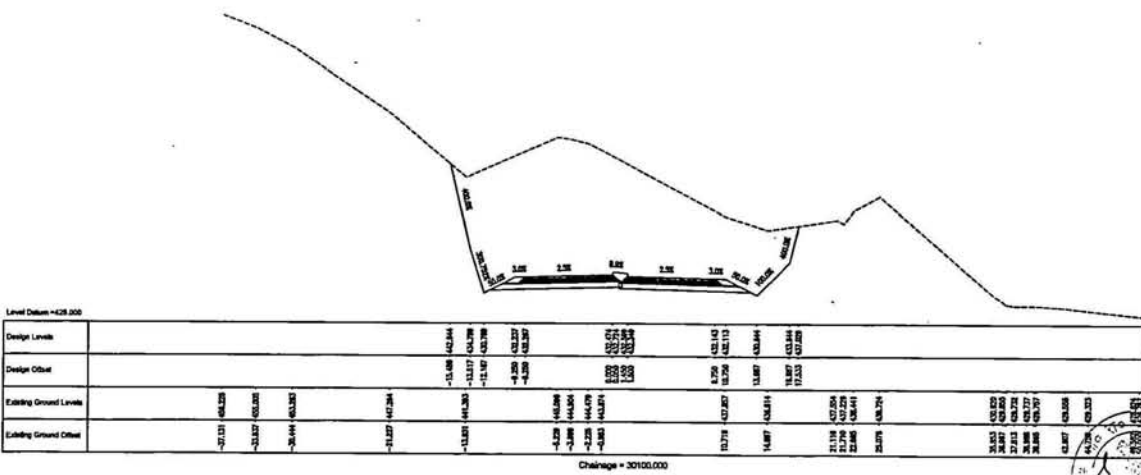
Drawing No. : SW/1019/ROADS/CS - 140
 Scale :- NOT TO BE SCALED
 Date : JUNE-2009

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 Fax: (011) 41679350
 E-mail : scwilson@gmail.com





Chainage = 30750.000



Chainage = 30100.000

Note: Levels shown are wet assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and widening of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1 A (km 5.50 to km 96.50) including Jammu (part) Nagrota and Udhampur District Phase - II Programme of North-South corridor Project, Contract Package CM-13

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Drawing Title: CROSS SECTION
 CH. 30050.000 TO 30100.000

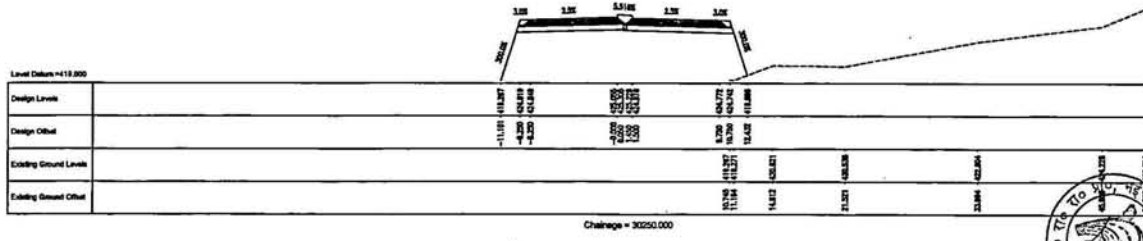
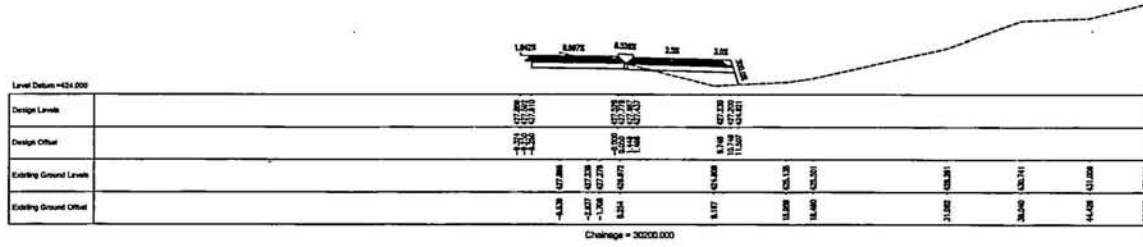
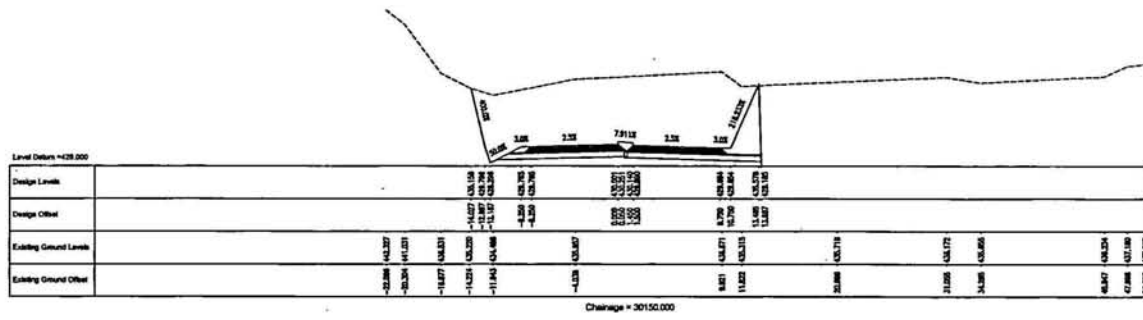
Drawing No.: SW/1019/ROADS/CS - 141 **Sheet :**

Scale: NOT TO BE SCALED

Drn: K.L.N **Dgn:** K.PRASAD **Appd:** BRC.C.D.PURH **Date:** JUNE-2009

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 Fax: (011) 41679350
 E-mail: swinfo@sonit.com





Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2 lane road to 4 lane divided Cartageway configuration of Jammu - Udhampur section of NH-11 A (from 0.00 to less 96.00) including Jammu/Part) Nagrota and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package E-2718

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Drawing Title: CROSS SECTION CH. 30150.000 TO 30250.000
 Drawing No.: SW/1019/ROADS/CS - 142
 Scale :- NOT TO BE SCALED
 Date: JUNE-2009
 Dgn. X.PRASAD
 Appd. BRG.C.D.PUR
 Sheet: 1



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Level Datum +118.000						
Design Levels		118.000	118.000	118.000	118.000	118.000
Design Offset		-1.507	-4.200	-4.500	-4.200	-1.507
Existing Ground Levels		118.000	118.000	118.000	118.000	118.000
Existing Ground Offset		0.000	0.000	0.000	0.000	0.000

Chainage = 30300.000



Level Datum +114.000						
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Chainage = 30350.000



Level Datum +108.000						
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Chainage = 30400.000

Note:- Levels shown are not assumed datum.

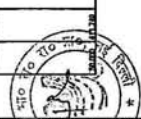
Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2 lane road to 4 lane divided Carriageway configuration of Jammu - Udhampur section of NH-1 A (Km 0.00 to Km 56.00) including Jammu/Fair) Bypass and Udhampur Bypass Phase - II Programme of North - South - corridors Project, Contract package C-8718

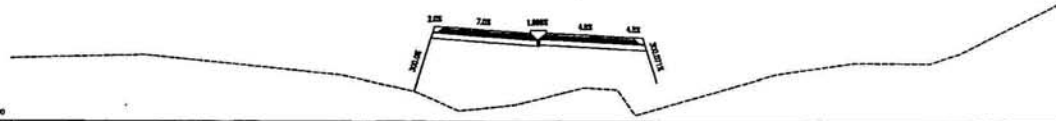
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Drawing Title: **CROSS SECTION CH. 30300.000 TO 30400.000**
Drawing No.: **SW/1019/ROADS/CS- 143**
Scale: **NOT TO BE SCALED**
Dm: **K.L.N** Dgn: **K.PRASAD** Appd: **BRG.C.D.PUR** Date: **JUNE-2009**

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MADRAS ROAD
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E-mail: scw@scw.net





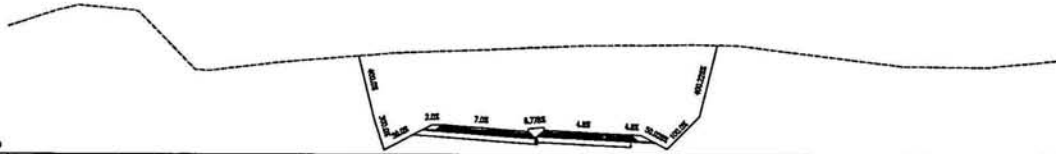
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Design Levels									
Design Offset									
Existing Ground Levels									
Existing Ground Offset									

Chainage = 30450.000



Level Datum +44.000									
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Design Offset									
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Existing Ground Offset									

Chainage = 30500.000



Level Datum +40.000									
Design Levels									
Design Offset									
Existing Ground Levels									
Existing Ground Offset									

Chainage = 30550.000

Note:- Levels shown are set assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (km 0.00 to km 06.00) including Jammu(Urg) Bypass and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-6718

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Drawing Title:
 CROSS SECTION
 CH. 30450.000 TO 30550.000

Drawing No.: SWU1019/ROADS/CS - 144
Scale: NOT TO BE SCALED

Date: JUNE-2009

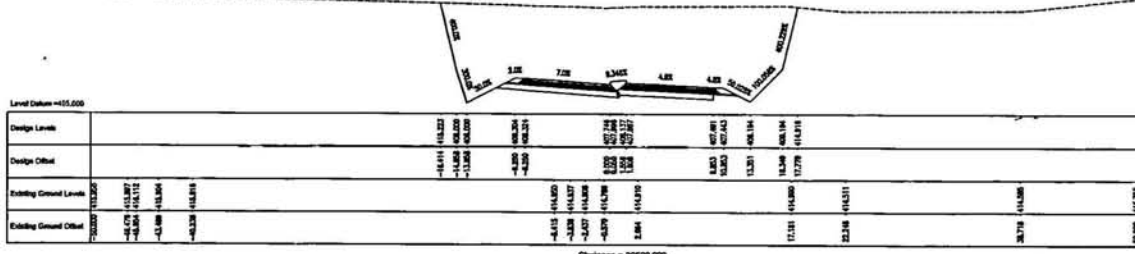
Dgn.: K.PRASAD
Appd: BRG.C.D.PURI

Sheet 1

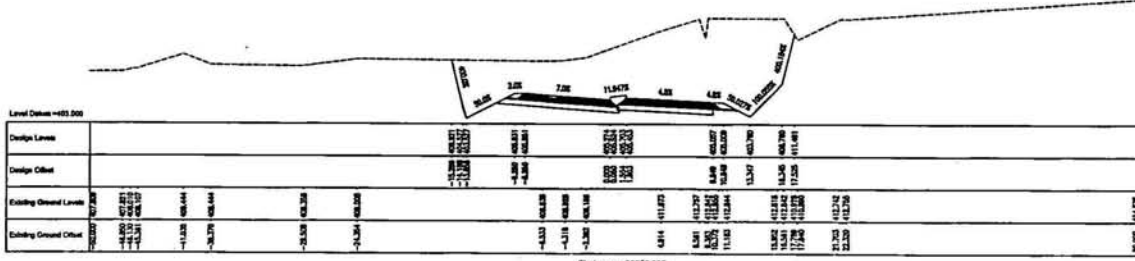
Date: JUNE-2009

Scott Wilson India Private Limited
 K-25/A MOHAN CO-OPERATIVE IND. ESTATE
 MATURBA ROAD
 NEW DELHI - 110044
 Tele: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: s.windia@gmail.com

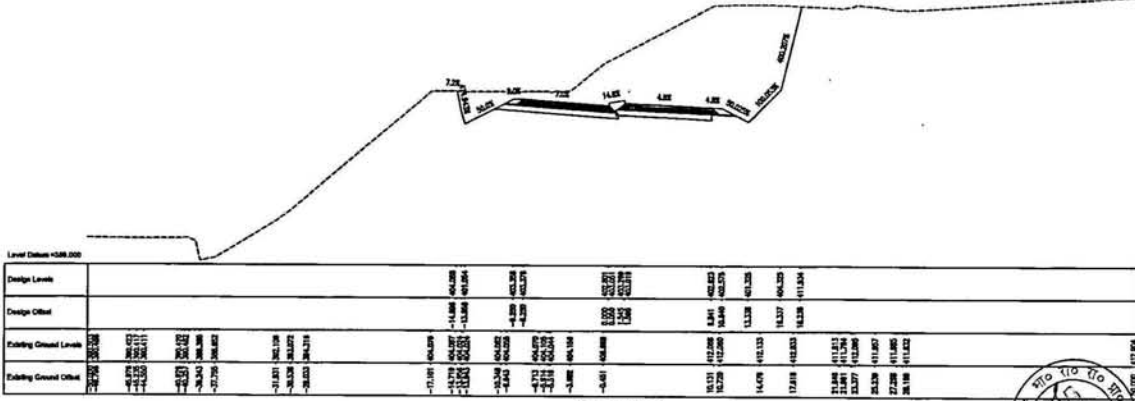




Chirnage = 30650.000



Chirnage = 30650.000



Chirnage = 30700.000

Note:- Levels shown are not assumed values.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jaipur - Udaipur section of NH-1A from 8.00 to km 98.00 including Jaipur/UDR Hoagies and Udaipur bypass. Phase - B Programme of North - South - western Project, Contract Package C-0118

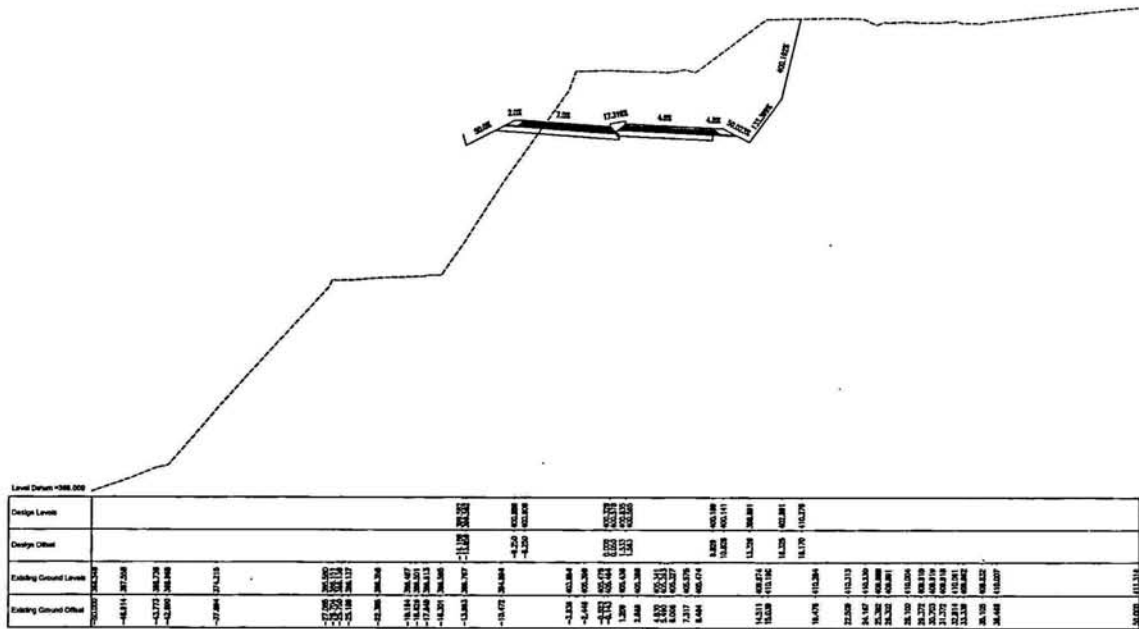
Client
 NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Client
 NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 30600.000 TO 30700.000
Drawing No.: SW/1019/ROADS/CS - 145
Scale: NOT TO BE SCALED
Date: JUNE-2009
Dgn: K.L.N
Appd: K.PRASAD
8890.C.D.PUR

Scott Wilson India Private Limited
 24/A, MOHAN CO-OPERATIVE HO. ESTATE
 MATURA ROAD
 NEW DELHI - 110044
 Tele: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: swindia@swipl.com





Chainage = 30750.000



<p>Note:- Levels shown are not assumed datum.</p>	<p>Project Title Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3 lane road to 4 lane divided Carriageway configuration of Jaunpur - Udhampur section of NH-1 A (km 0.00 to km 95.00) including Jaunpur/Part Jaunpur and Udhampur bypass Phases - II Programme of North - South - corridor Project, Contract Package C-0018</p>	<p>Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)</p>	<p>Drawing Title: CROSS SECTION CH. 30750.000</p> <p>Drawing No. : SW/1019/ROADS/CS - 146</p> <p>Scale :- NOT TO BE SCALED</p> <p>Drn K.L.N. Dgn. K.PRASAD Apd. BRG.C.D.PUR Date JUNE-2009</p>	<p>Scott Wilson India Private Limited A-25/A, MOHAN CO-OPERATIVE IND. ESTATE MATHURA ROAD NEW DELHI - 110044 Tel: (011) 41679340 - 49 Fax: (011) 41679350 E-mail : twindia@gmail.com</p>
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Level Datum +379.000

Design Levels						286.218	287.518	288.524	289.215	289.521	289.424	288.821	287.821	286.424	284.821	282.921
Design Offset						-13.038	-12.718	-12.124	-11.285	-10.086	-8.542	-6.721	-4.621	-2.224	0.281	2.721
Existing Ground Levels	290.292	287.924	285.824	283.824	281.824	280.224	278.824	277.524	276.224	275.024	273.824	272.624	271.424	270.224	269.024	267.824
Existing Ground Offset	4.068	3.732	3.332	2.882	2.382	1.832	1.232	0.632	0.032	-0.568	-1.168	-1.768	-2.368	-2.968	-3.568	-4.168

Chainage = 30660.000

Level Datum +379.000

Design Levels						286.218	287.518	288.524	289.215	289.521	289.424	288.821	287.821	286.424	284.821	282.921
Design Offset						-13.038	-12.718	-12.124	-11.285	-10.086	-8.542	-6.721	-4.621	-2.224	0.281	2.721
Existing Ground Levels	290.292	287.924	285.824	283.824	281.824	280.224	278.824	277.524	276.224	275.024	273.824	272.624	271.424	270.224	269.024	267.824
Existing Ground Offset	4.068	3.732	3.332	2.882	2.382	1.832	1.232	0.632	0.032	-0.568	-1.168	-1.768	-2.368	-2.968	-3.568	-4.168

Chainage = 30900.000

Note:-

Levels shown are not assumed datum.

Project Title

Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2 lane road to 4 lane divided carriageway configuration of Jammu - Udhampur section of NH-1 A from E.00 to Km 60.00) including Jammu/Patli Margate and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-0818

For details refer to the drawing sheets. All the dimensions shown on the drawing shall be as per the design and shall not be taken as the final dimensions. The contractor shall be responsible for the accuracy of the dimensions shown on the drawing. The contractor shall be responsible for the accuracy of the dimensions shown on the drawing. The contractor shall be responsible for the accuracy of the dimensions shown on the drawing.

Client

NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title:

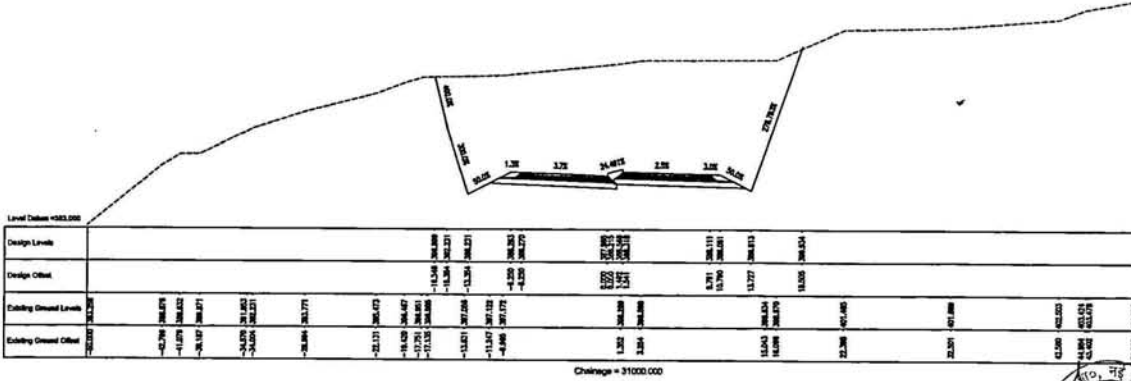
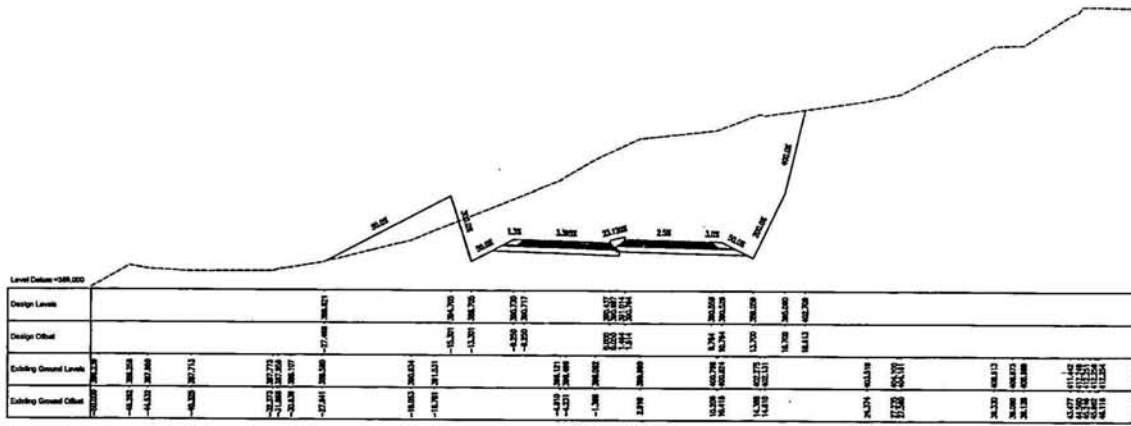
CROSS SECTION
CH. 30850.000 TO 30900.000

Drawing No.: SW/1019/ROADS/CS-148

Scale :- NOT TO BE SCALED
Dsn K.PRASAD
Appd BRG.C.D.PURJ
Date JUNE-2009

Scott Wilson India Private Limited
A-26/4, MOHAN CO-OPERATIVE IND. ESTATE
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NEW DELHI - 110044
Tele: (011) 41679340 - 49
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E-mail: swindia@swi.com





Note:-
Levels shown are wet assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jarawa - Uthmaniyah section of NH-1 A from 3.00 to km 98.00 including Jarawa/Parji Heights and Uthmaniyah Types Phase - B Programme of North-South corridor Project, Contract Package C-818

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 30950.000 TO 31000.000

Drawing No.: SW/1019/ROADS/CS - 149

Scale :- NOT TO BE SCALED

Drn: K.L.N

Dgn: K.PRASAD

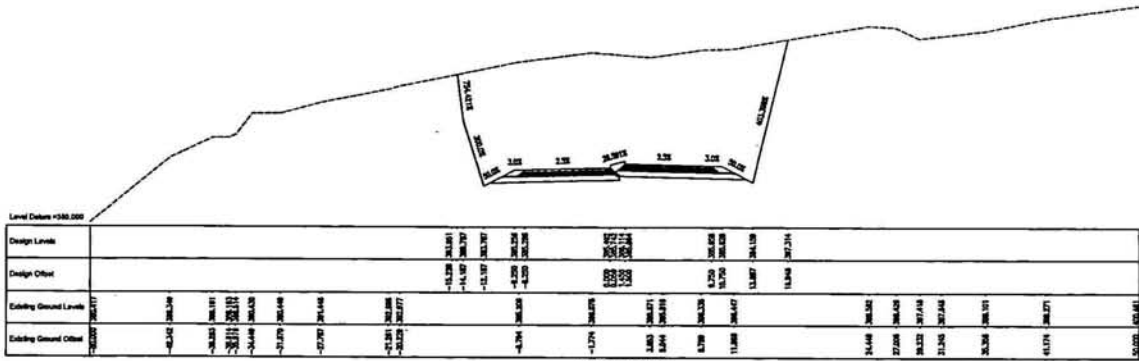
Appd: BRIG.C.D.PUR

Date: JUNE-2009

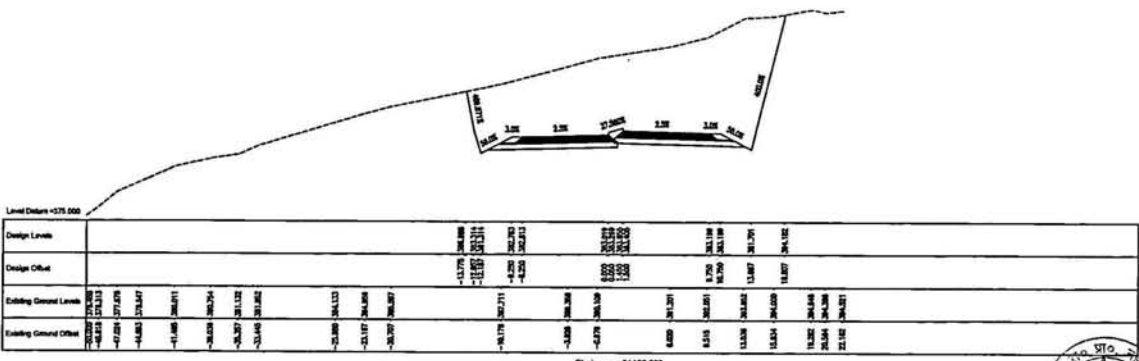


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E-mail: s.w.india@scwpl.com

Scott Wilson



Chairspe = 31050.000



Chairspe = 31100.000

Note:-
Levels shown are not assumed datums.

Project Title
Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jamnani - Udhampur section of NH-17A (km 0.00 to km 96.00) including Jamnani(HQ) Bypass and Udhampur Bypass Phase - II Programme of North - South - Western Project, Contract Package C-0218

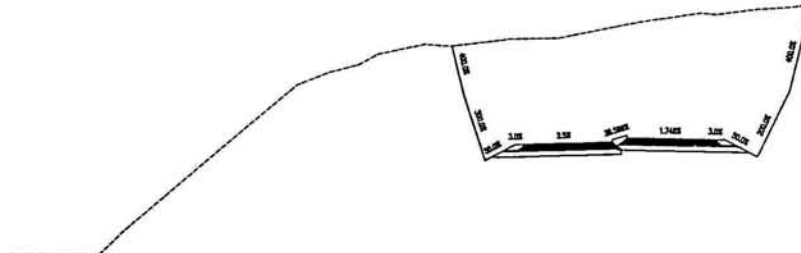
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Dgn. K.L.N
Appd. K.PRASAD
BROG.C.D.PUR

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title:
CROSS SECTION
CH. 31050.000 TO 31100.000
Drawing No. : SW/1019/ROADS/CS - 150
Date: JUNE-2009

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E-mail: swin@swi.com





Level Datum = +399.000																			
Design Levels																			
Design Offset																			
Existing Ground Levels																			
Existing Ground Offset																			

Chainage = 31150.000



Level Datum = +378.000																			
Design Levels																			
Design Offset																			
Existing Ground Levels																			
Existing Ground Offset																			

Chainage = 31200.000



Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (km 0.00 to km 95.00) including Jammu(Pan) Nagrova and Udhampur Bypass Planes - B Programme of North - South - corridor Project, Contract Package C-013

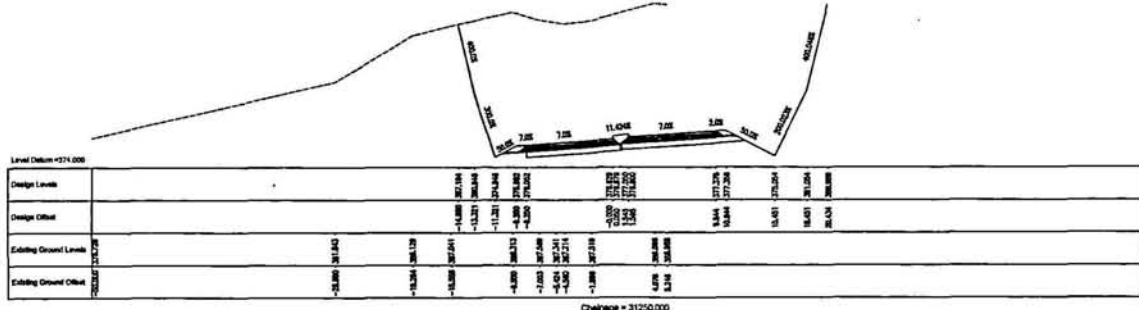
For the purpose of the project, the existing ground levels, levels, and offsets shown on any drawing shall not be considered as a contract document, but only as a reference for the contractor to check the accuracy of the data before the start of work. Any discrepancy or error in the data shall be reported to the Engineer-in-Charge immediately upon discovery.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 31150.000 TO 31200.000
Drawing No.: SW/1019/ROADS/CS - 151
Scale: NOT TO BE SCALED
Drn: K.L.N. **Dgn:** M.PRASAD **Appd:** SRG.C.B.PURI **Date:** JUNE-2009

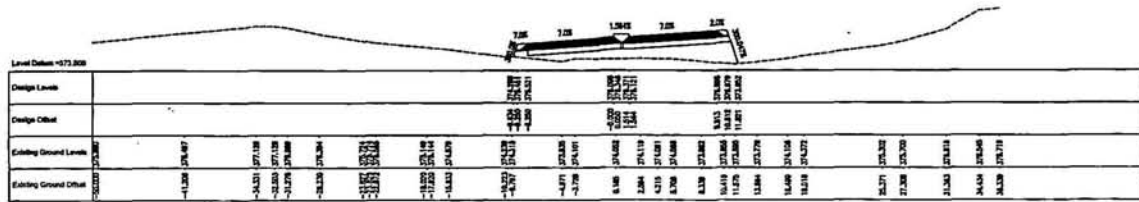
Sheet: 1 of 1
Scale: NOT TO BE SCALED
Drn: K.L.N. **Dgn:** M.PRASAD **Appd:** SRG.C.B.PURI **Date:** JUNE-2009
Client: Wilson India Private Limited
 4-25/1, MOHAN CO-OPERATIVE IND. ESTATE
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 Fax: (011) 41679350
 E-mail: srip@wilson.com





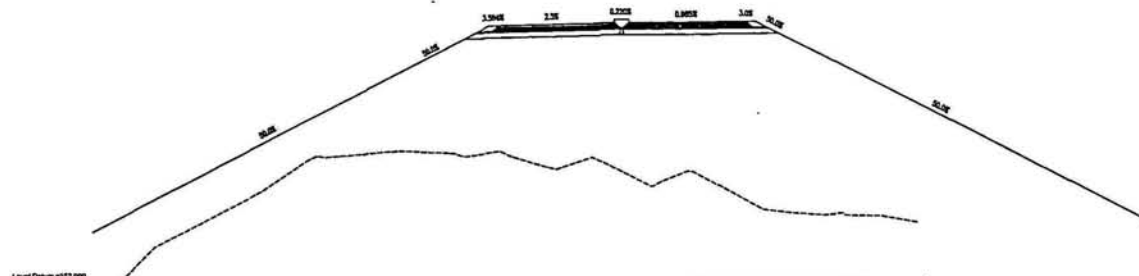
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Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chirpage = 31250.000



Level Datum = 273.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chirpage = 31300.000



Level Datum = 252.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chirpage = 31300.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2 lane road to 4 lane divided Carriageway configuration of Jambura - Udhampur section of NH-174 from 8.00 to km 88.00 including Jambura/Port Heights and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-2818

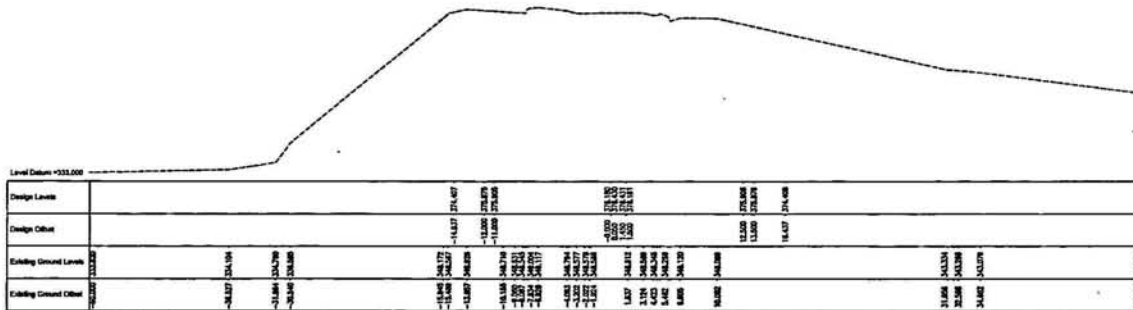
Client
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Client
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 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 31250.000 TO 31300.000
Drawing No.: SW/1019/ROADS/CS/152
Scale: NOT TO BE SCALED
Date: JUNE-2009
Drawn: K.L.N
Checked: K.PRASAD
Approved: BRG.C.D.PUR

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 Fax: (011) 41673350
 E-mail: scottwilson@swi.com





Level Datum = 333.000										
Design Level										
Design Other										
Existing Ground Level	333.000	334.100	334.700	334.800	334.700	334.100	333.000	331.500	330.000	328.500
Existing Ground Other										

Chaque = 31400.000

Notes:- Levels shown are self assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (from 0+00 to km 86+00) including Jammu (Part) Bypass and Udhampur Bypass Phase - III Programme of North - South - corridor Project, Contract Package C/818

Site drawing is the property of SCOTT WILSON INDIA PRIVATE LIMITED and shall not be reproduced in any form or by any means, without the prior written consent of the Engineer in Charge or otherwise excepting the other to hold or to put in such position or being utilized for other purposes as may be determined in writing.

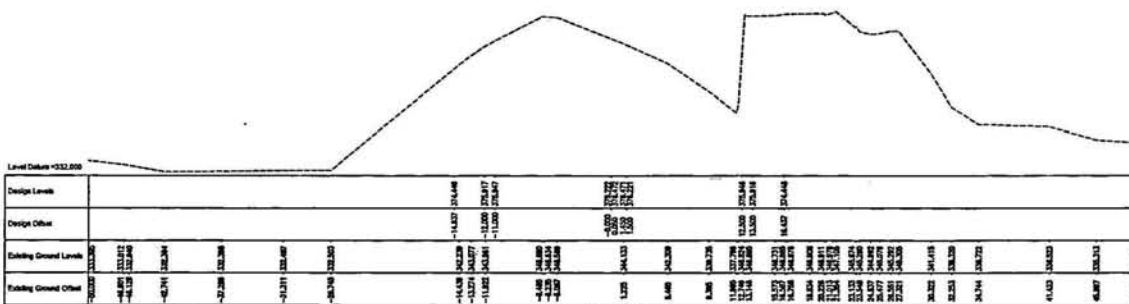
Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 31400.000
Drawing No.: SW/1019/ROADSCS - 153
Scale :- NOT TO BE SCALED
Des: K.L.N
Dgn: K.PRASAD
Appd: BRIG.C.D.PUNE
Date: JUNE-2009



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 Fax: (011) 41679350
 E-mail: swindia@rediffmail.com





Chainage = 31450.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2 lane road to 4 lane divided carriageway configurations of Jammu - Udhampur section of SH-1 A (km 0.00 to km 68.00) including Jammu/UDH/Highways and Udhampur Bypass Phase-III Programme of Work - South - corridor Project Contract Package C-2918

This work shall be carried out in accordance with the terms and conditions of the contract and shall be subject to the approval of the client. The client shall be responsible for providing all the necessary data and information for the execution of the work.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 31450.000
Drawing No.: SW/1018/ROADS/CS - 154
Scale: NOT TO BE SCALED
Date: JUNE-2009
Author: K.L.N.
Checked: K.PRASAD
Approved: BRIG.C.D.PUR

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 Tele: (011) 41679340 - 49
 Fax: (011) 41679350
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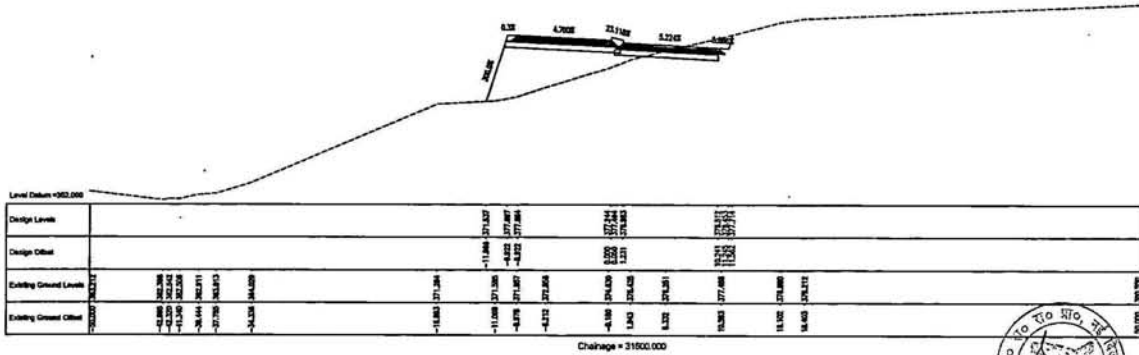
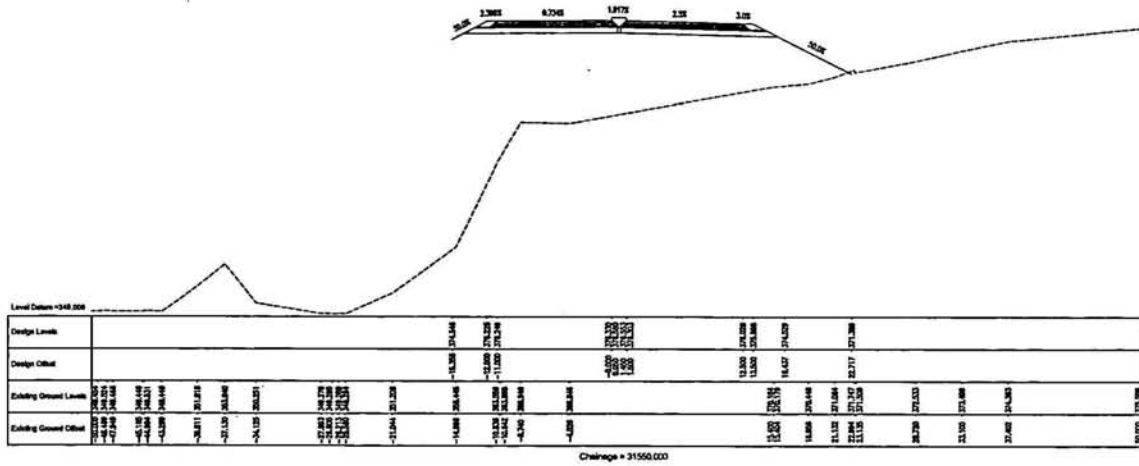
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Design Levels																				
Design Offset																				
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Existing Ground Offset	6.084	7.084	8.084	9.084	10.084	11.084	12.084	13.084	14.084	15.084	16.084	17.084	18.084	19.084	20.084	21.084	22.084	23.084	24.084	25.084

Chirpage = 31500.000



<p>Note:- Levels shown are not assumed datum.</p>	<p>Project Title Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Category road/section of Jammu - Udhampur section of NH-1 A (km 0.00 to km 88.00) including Jammu/Puri Hegra and Udhampur Bypass Phase - II Programme of North-South - corridor Project, Contract Package C-8714</p>	<p>Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)</p>	<p>Drawing Title: CROSS SECTION CH. 31500.000</p> <p>Drawing No. : SW/1019/ROADS/CS - 155 Sheet :</p> <p>Scale :- NOT TO BE SCALED</p> <p>Drn. K.L.N. Dgn. K.P.RASAD Appd. BING.C.D.PUR Date JUNE-2009</p>	<p>Scott Wilson India Private Limited A-26/4, MOHAN CO-OPERATIVE IND. ESTATE MATHURA ROAD NEW DELHI - 110044 Tel: (011) 41679340 - 49 Fax: (011) 41679350 E-mail : swindia@gmail.com</p>
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Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided highway configuration of Jammu - Udhampur section of NH-1 A (km 0.00 to km 96.00) including Jammu/Part Nagrota and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-0218

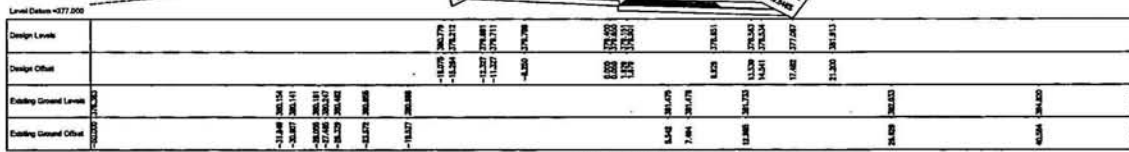
How to use this drawing
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Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 31550+000 TO 31600+000
Drawing No.: SWW1019/ROADS/CS - 156
Scale: NOT TO BE SCALED
Drn: K.L.N
Dgn: K.PRASAD
Appd: BRIG.C.D.PUR
Date: JUNE-2009

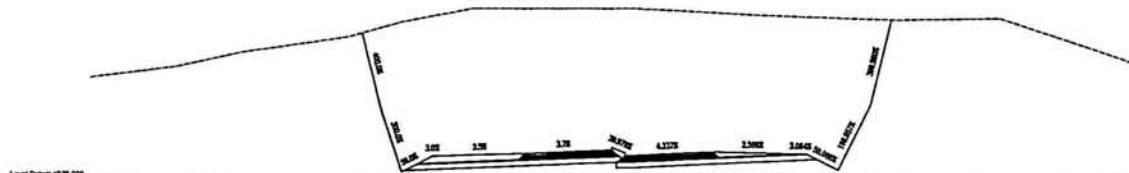
Scott Wilson India Private Limited
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 E-mail: scw@scw.com





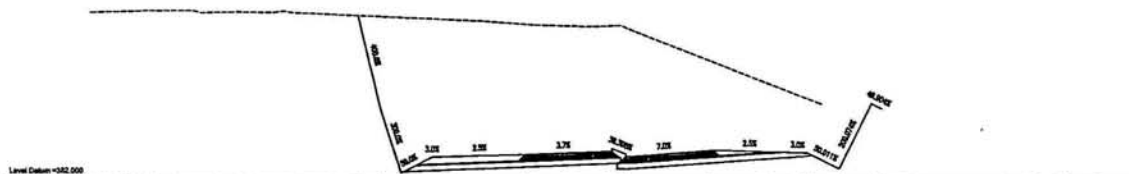
Level Datum	+377.000									
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chirupga = 31650.000



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Design Offset										
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Chirupga = 31700.000

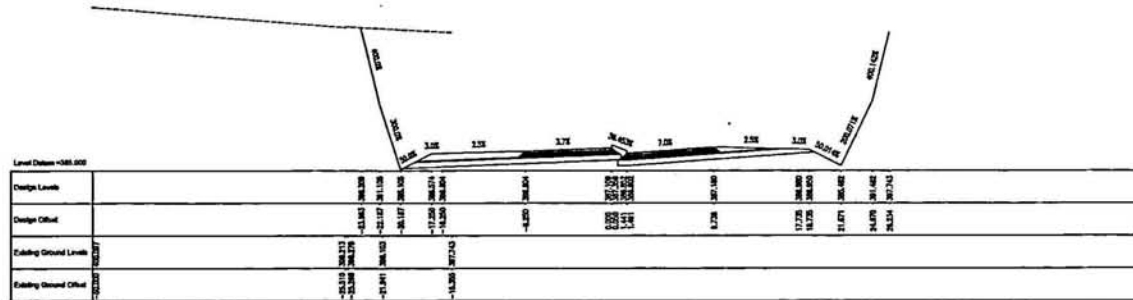


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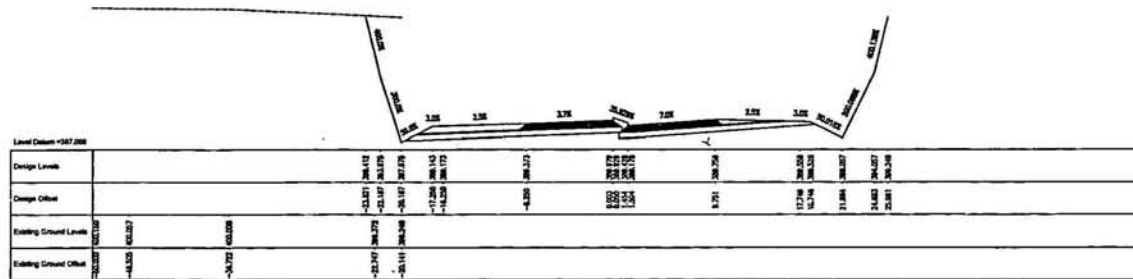
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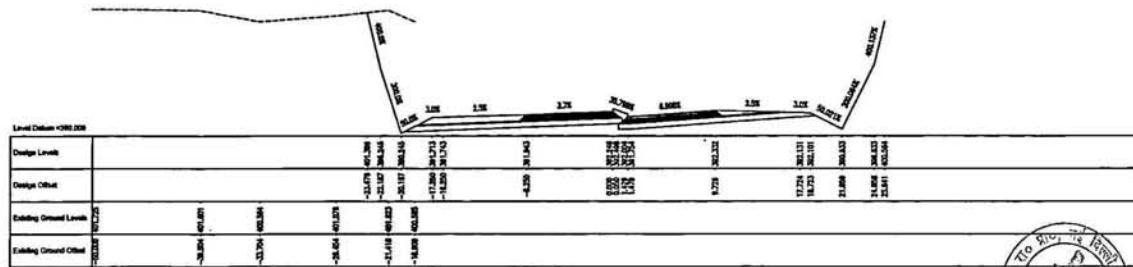
Note:- Levels shown are not assumed datum.	Project Title Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1A (km 8.00 to km 95.82) including Jammu(Phase) Bypass and Udhampur Bypass Phase-II Programme of North-South corridor Project, Contract Package C-3918	This work shall be executed in accordance with the specifications and standards to be followed in the various sections of the work and shall be subject to the approval of the Engineer-in-Charge. The work shall be completed within the stipulated time and shall be subject to the approval of the Engineer-in-Charge.	Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)	Drawing Title: CROSS SECTION CH. 31650.000 TO 31750.000	Scott Wilson India Private Limited A-26/4, MOHAN CO-OPERATIVE IND. ESTATE MATURA ROAD NEW DELHI - 110044 Tele: (011) 41679340 - 49 Fax: (011) 41679350 E-mail: s.wilco@rediffmail.com
				Drawing No.: SW/1019/ROADS/CS - 157 Sheet: 1 Scale: NOT TO BE SCALED	



Chainage = 31800.000



Chainage = 31850.000



Chainage = 31900.000

Note:- Levels above are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-114.

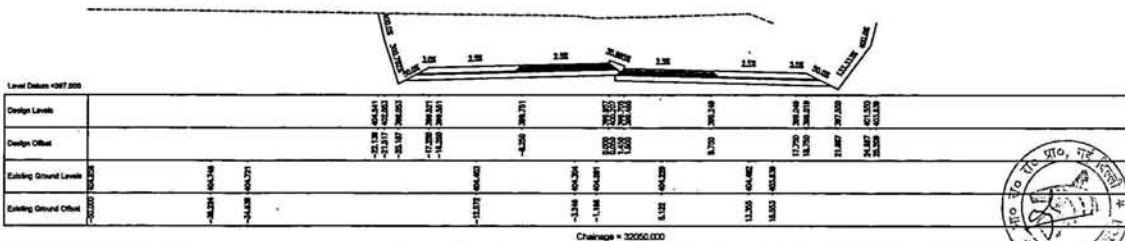
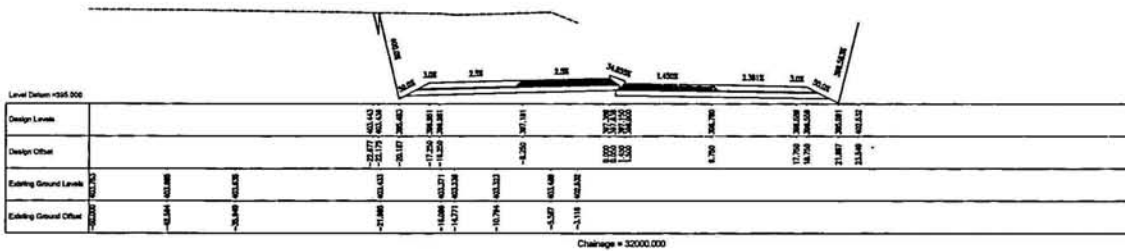
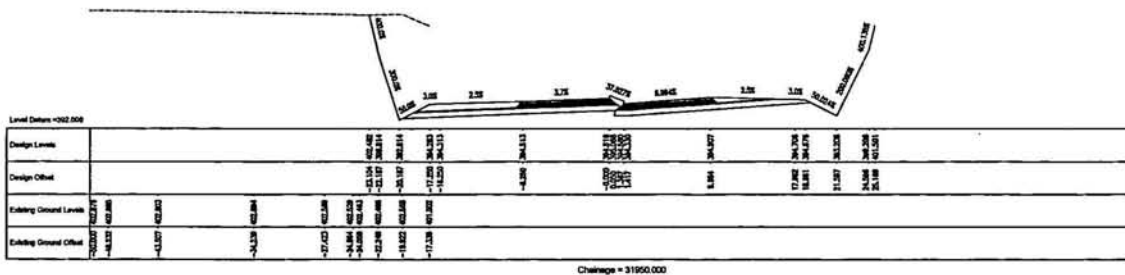
This project was funded by National Highways Authority of India (NHAI) and executed by the Government of Jammu and Kashmir.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title:
CROSS SECTION
CH. 31800.000 TO 31900.000
Drawing No. : SWV1019/ROADS/CS - 158
Scale :- NOT TO BE SCALED
Date JUNE-2009

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Fax: (011) 41679350
E-mail : swindia@scottwilson.com





Note:-
Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2 lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (km 0.00 to km 86.00) including Jammu/Parl Highway and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-0818

Client
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(Ministry of Shipping, Road Transport & Highways)

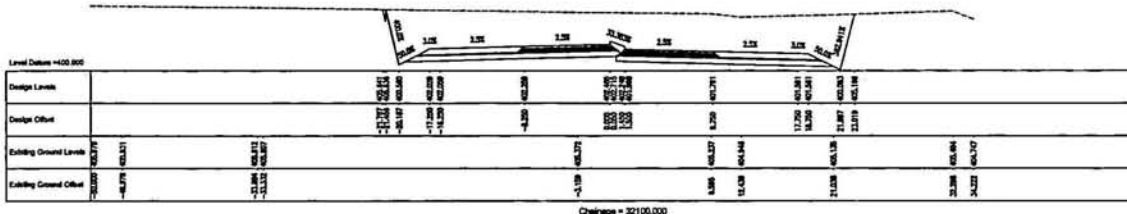
Drawing Title:
CROSS SECTION CH. 31950.000 TO 32050.000

Drawing No.: SW/1019/ROADS/CS - 159 **Sheet 1**

Scale: NOT TO BE SCALED

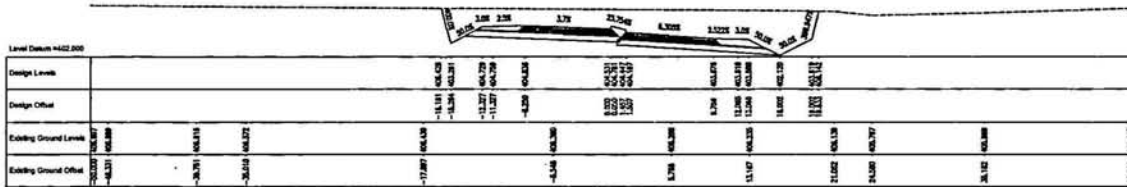
Drn: M.L.N **Dgn.:** K.PRASAD **Appd:** BRG.C.D.PURJ **Date:** JUNE-2009

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Fax: (011) 41679350
E-mail: scw@scwiprill.com



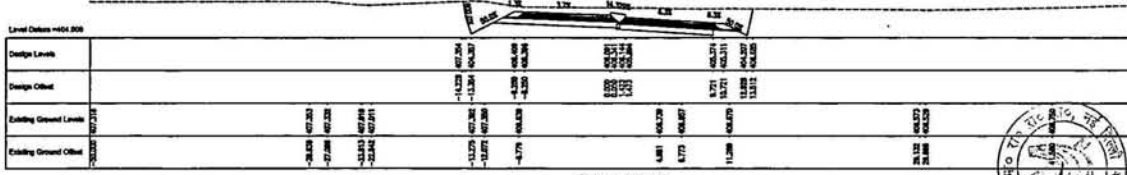
Level Datum +400.000													
Design Levels													
Design Offset													
Existing Ground Levels													
Existing Ground Offset													

Chirga = 32100.000



Level Datum +402.000													
Design Levels													
Design Offset													
Existing Ground Levels													
Existing Ground Offset													

Chirga = 32150.000



Level Datum +404.000													
Design Levels													
Design Offset													
Existing Ground Levels													
Existing Ground Offset													

Chirga = 32200.000



Note: Levels shown are not assumed datum.

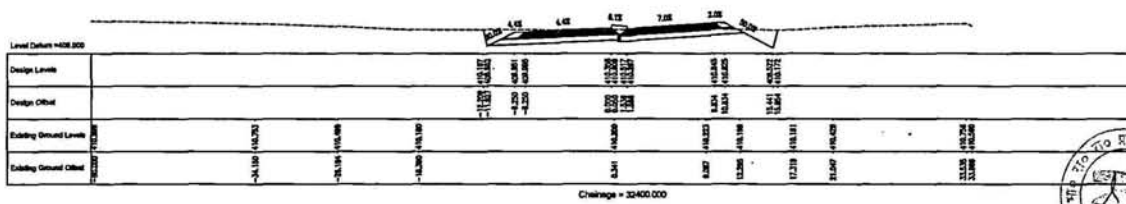
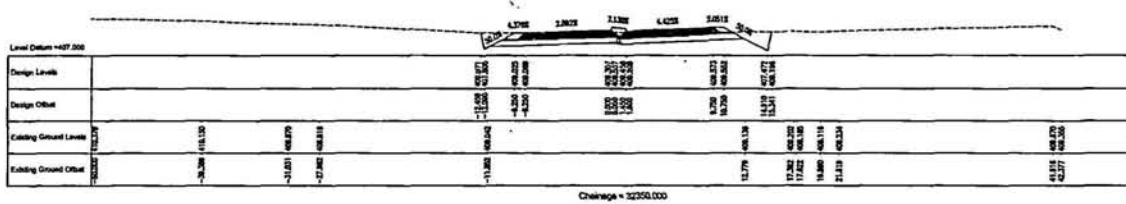
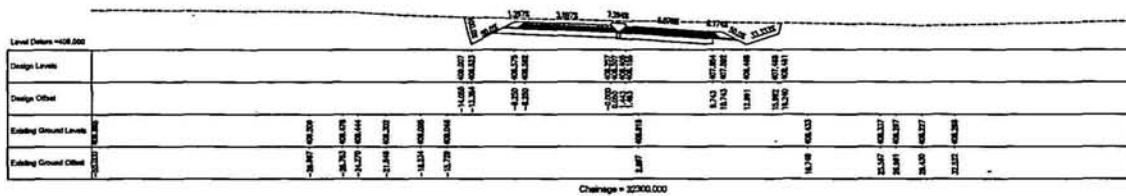
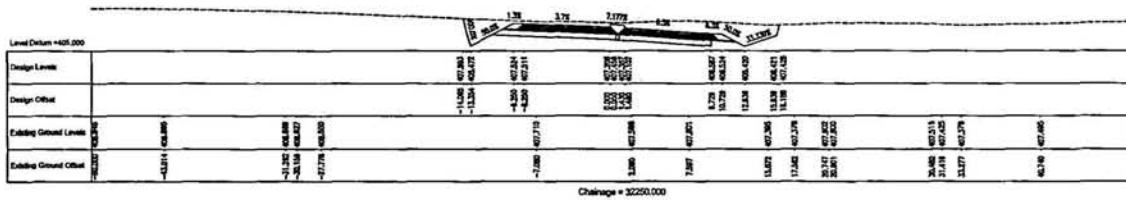
Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2 lane road to 4 lane divided Carriageway configuration of Jaipur - Udaipur section of NH-1A from 0+00 to km 68+00 including Jaipur/Part Jaipur and Udaipur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-8918

Client
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Drawing Title: CROSS SECTION CH. 32100.000 TO 32200.000
Drawing No.: SW/1019/ROADS/CS - 160
Scale: NOT TO BE SEALED
Dn: K.L.N
Dgn: K.PRASAD
Appd: BRG.C.D.PUR
Date: JUNE-2009

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Note:- Levels shown are set assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for
 Rehabilitation and upgrading of existing 12 lane road to 4 lane divided
 carriageway configuration of Jambur - Utharapur section of NH-1 A
 (km 5.00 to km 16.00) including Jambur(Pur) Bypass and Utharapur
 Bypass Phase - II Programme of North - South - corridor Project,
 Central Package C-8918

Client
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 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
 CH. 32250.000 TO 32400.000

Drawing No.: SW/1019/ROADS/CS - 161

Scale: NOT TO BE SCALED

Drn: K.L.N
Dgn: K.PRASAD
Appd: BRG.C.D.PUR
Date: JUNE-2009

Sheet:


Scale: NOT TO BE SCALED

Drn: K.L.N
 Dgn: K.PRASAD
 Appd: BRG.C.D.PUR
 Date: JUNE-2009

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Level Datum +113.000



Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 32650.000


Level Datum +114.000



Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 32700.000


Level Datum +113.000



Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 32750.000

Level Datum +117.000



Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 32800.000

Note:-
Levels shown are not assumed data.

Project Title
 Consultancy services for preparation of detailed project report for
 Rehabilitation and upgrading of existing 2-lane road to 4-lane divided
 Cartage-way configuration of Jammu - Udhampur section of NH-1A
 from 32.0 to km 66.000 including Jammu(U.P) Bypass and Udhampur
 Bypass Phase - II Programme of North - South - corridor Project,
 Contract Package C-4918

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Drawing Title: CROSS SECTION
 CH. 32650.000 TO 32800.000

Drawing No.: SW/1019/ROADS/CS - 163 **Sheet :** 1

Scale :- NOT TO BE SCALED

Drn: M.L.N. **Dgn.:** K.PRASAD **Appd:** BRIG.C.D.PURI **Date:** JUNE-2009

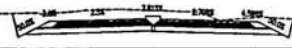
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 E-mail : swinfo@swil.com




Level Datum +117.000

Design Levels																		
Design Offset																		
Existing Ground Levels																		
Existing Ground Offset																		

Chirpage = 32850.000



Level Datum +118.000

Design Levels																		
Design Offset																		
Existing Ground Levels																		
Existing Ground Offset																		

Chirpage = 32900.000



Level Datum +115.000

Design Levels																		
Design Offset																		
Existing Ground Levels																		
Existing Ground Offset																		

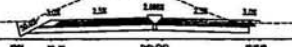
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Level Datum +121.000

Design Levels																		
Design Offset																		
Existing Ground Levels																		
Existing Ground Offset																		

Chirpage = 33000.000



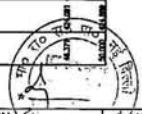
Note:- Levels shown are set assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Cartage way configuration of Jammu - Udhampur section of NH-1 A
 Dm 0.00 to Km 06.00 including Jammu(Ur) Margins and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-0218

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Drawing Title: CROSS SECTION CH. 32850.000 TO 33000.000
 Drawing No.: SW/1019/ROADS/CS - 164 Sheet :
 Scale :- NOT TO BE SCALED
 Dm KLN Dgn. KPRASAD Appd. BRS.C.D.PUR Date JUNE-2009



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Level Datum = 422.000

		3.00	3.00	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60		
Design Levels																								
Design Offset																								
Existing Ground Levels	44.00	45.00	45.75	46.00	46.25	46.50	46.75	47.00	47.25	47.50	47.75	48.00	48.25	48.50	48.75	49.00	49.25	49.50	49.75	50.00	50.25	50.50	50.75	51.00
Existing Ground Offset	-44.00	-45.00	-45.75	-46.00	-46.25	-46.50	-46.75	-47.00	-47.25	-47.50	-47.75	-48.00	-48.25	-48.50	-48.75	-49.00	-49.25	-49.50	-49.75	-50.00	-50.25	-50.50	-50.75	-51.00

Chiragra = 33000.000

Level Datum = 423.000

		3.00	3.00	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	
Design Levels																									
Design Offset																									
Existing Ground Levels	43.00	44.00	44.75	45.00	45.25	45.50	45.75	46.00	46.25	46.50	46.75	47.00	47.25	47.50	47.75	48.00	48.25	48.50	48.75	49.00	49.25	49.50	49.75	50.00	
Existing Ground Offset	-43.00	-44.00	-44.75	-45.00	-45.25	-45.50	-45.75	-46.00	-46.25	-46.50	-46.75	-47.00	-47.25	-47.50	-47.75	-48.00	-48.25	-48.50	-48.75	-49.00	-49.25	-49.50	-49.75	-50.00	

Chiragra = 33100.000

Level Datum = 423.000

		3.00	3.00	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	
Design Levels																									
Design Offset																									
Existing Ground Levels	43.00	44.00	44.75	45.00	45.25	45.50	45.75	46.00	46.25	46.50	46.75	47.00	47.25	47.50	47.75	48.00	48.25	48.50	48.75	49.00	49.25	49.50	49.75	50.00	
Existing Ground Offset	-43.00	-44.00	-44.75	-45.00	-45.25	-45.50	-45.75	-46.00	-46.25	-46.50	-46.75	-47.00	-47.25	-47.50	-47.75	-48.00	-48.25	-48.50	-48.75	-49.00	-49.25	-49.50	-49.75	-50.00	

Chiragra = 33150.000

Level Datum = 423.000

		3.00	3.00	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	
Design Levels																									
Design Offset																									
Existing Ground Levels	43.00	44.00	44.75	45.00	45.25	45.50	45.75	46.00	46.25	46.50	46.75	47.00	47.25	47.50	47.75	48.00	48.25	48.50	48.75	49.00	49.25	49.50	49.75	50.00	
Existing Ground Offset	-43.00	-44.00	-44.75	-45.00	-45.25	-45.50	-45.75	-46.00	-46.25	-46.50	-46.75	-47.00	-47.25	-47.50	-47.75	-48.00	-48.25	-48.50	-48.75	-49.00	-49.25	-49.50	-49.75	-50.00	

Chiragra = 33200.000

Note: Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for
 Rehabilitation and upgrading of existing 2-lane road to 4-lane divided
 carriageway configuration of Jamnua - Udhampur section of NH-14 A
 (Part C-10 to lot 80.00) including Jamnua/Part C Nagrota and Udhampur
 Bypass Phase - III Programme of North-South - corridor Project,
 Contract Package C-878

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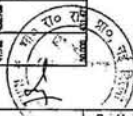
Drawing Title: CROSS SECTION
 CH. 33050.000 TO 33200.000

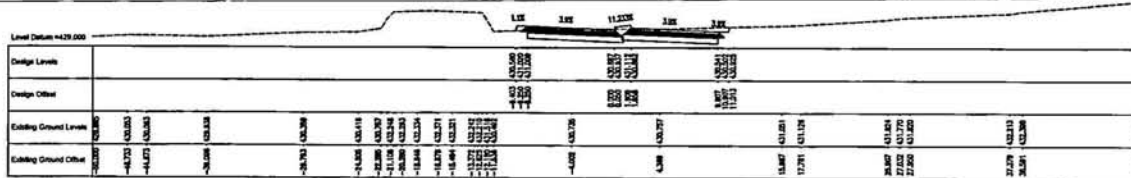
Drawing No.: SW/1019/ROADS/CS - 185

Scale: NOT TO BE SCALED

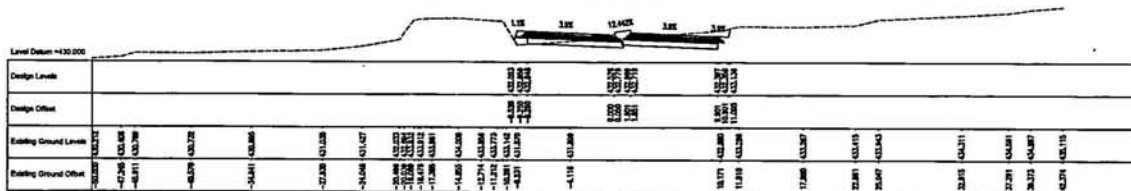
Disc: KLN
Dgn: KPRASAD
Appd: BRIG.C.D.PUR1
Date: JUNE - 2009

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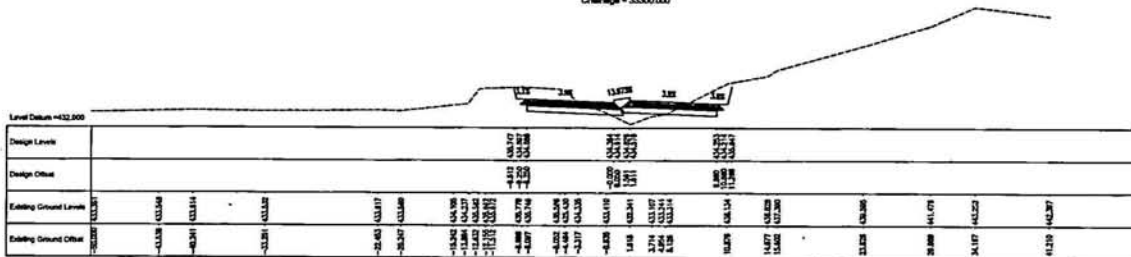




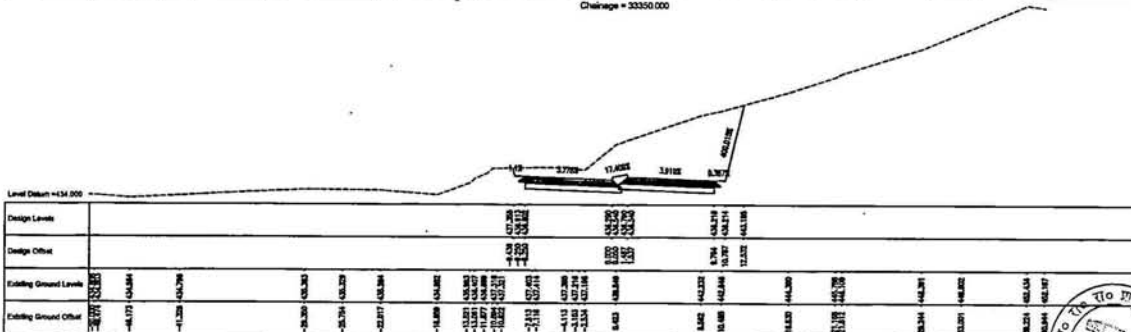
Chisrage = 33250.000



Chisrage = 33300.000



Chisrage = 33350.000



Chisrage = 33400.000

Note:- Levels shown are set assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1A. (in C.D. to km 56.00) including Jammu(Ur) Bypass and Udhampur Bypass Phase - II Programme of North-South - corridors Project, Contract Package C-019

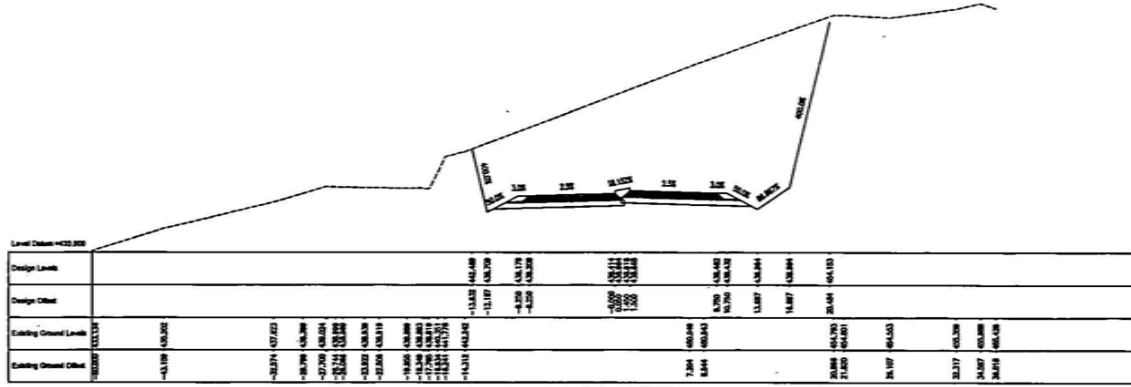
This work is to be done under the supervision of the Engineer-in-Charge and shall not be taken up in any part of the work without the written permission of the Engineer-in-Charge. The Engineer-in-Charge shall be responsible for the accuracy of the data and the correctness of the work.

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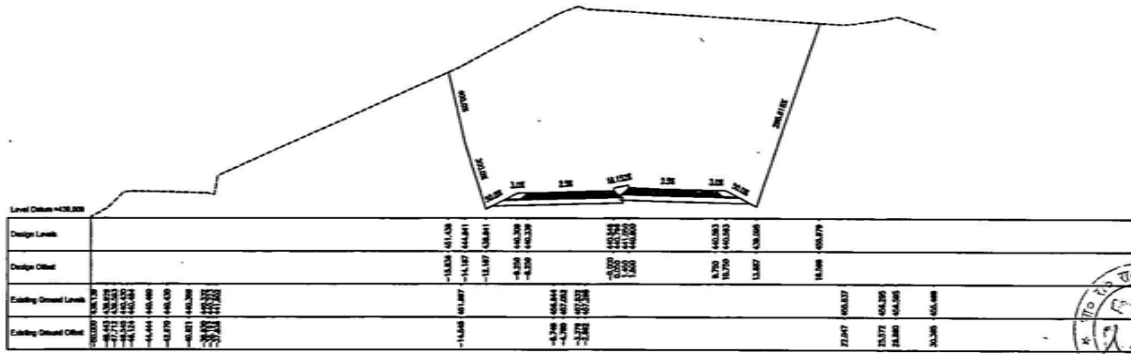
Drawing Title: CROSS SECTION CH. 33250.000 TO 33400.000
Drawing No.: SW/1019/ROADS/CS - 166
Scale: NOT TO BE SCALED
Dn: K.L.N. Dgn: K.PRASAD Appd: BRIG.C.D.PURH Date: JUNE-2009

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E-mail: s.w.india@pwp.com





Chainage = 33450.000



Chainage = 33500.000

Note:- Levels shown are not assumed datum.

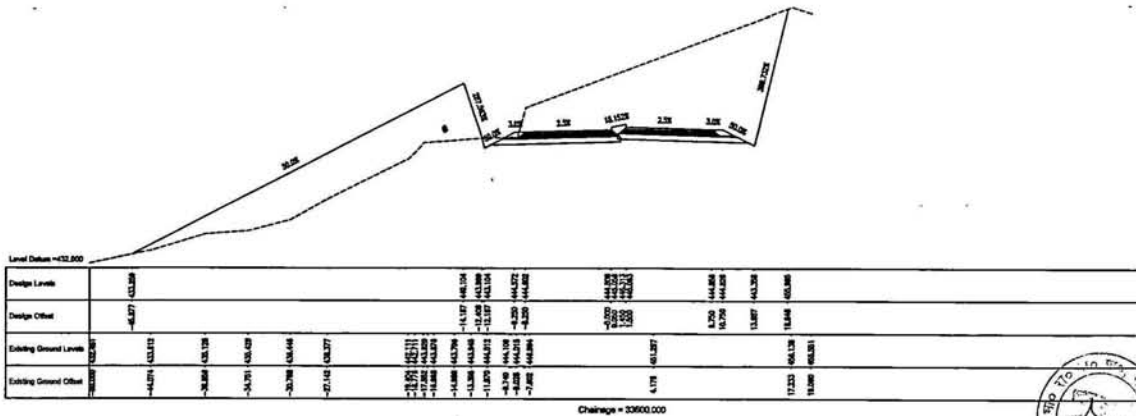
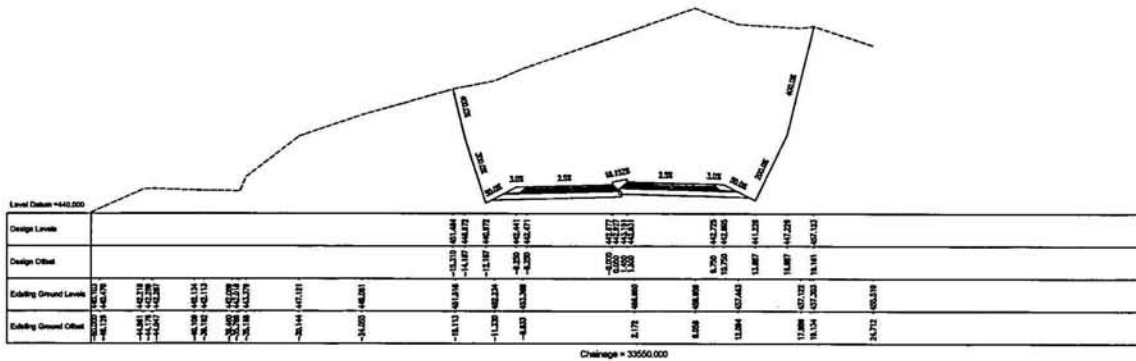
Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (from 0.00 to km 96.00) including Jammu/Parji Nagri and Udhampur bypass Phase - II Programme of North-South corridor Project, Contract Package C-0718

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Drawing Title: CROSS SECTION
 CH. 33450.000 TO 33500.000
Drawing No.: SW/1015/ROADS/CS - 157
Scale :- NOT TO BE SCALED
Date: JUNE-2009

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Note:-
Levels shown are not assumed datums.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided carriageway configuration of Jarawa - Uthampur section of NH-14 A (Km 0.02 to Km 04.02) including Jarawa/Prud layout and Uthampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-0818

Ref: "Roadway Design Specifications" of BIS (IS: 731-1970) and "Roadway Engineering" of BIS (IS: 474-1975) and "Roadway Engineering" of BIS (IS: 474-1975) and "Roadway Engineering" of BIS (IS: 474-1975) and "Roadway Engineering" of BIS (IS: 474-1975)

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Drawing Title:
CROSS SECTION
CH. 33550.000 TO 33600.000

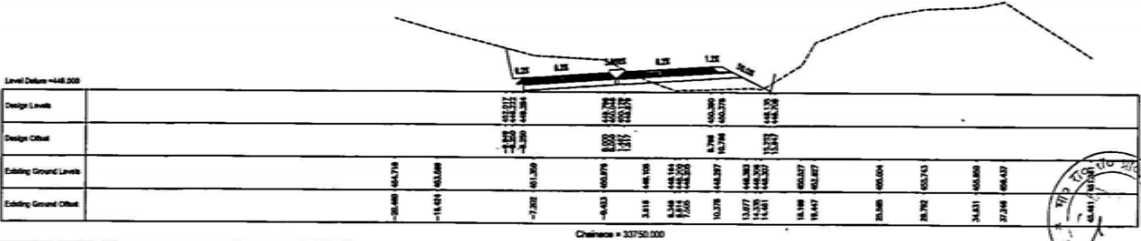
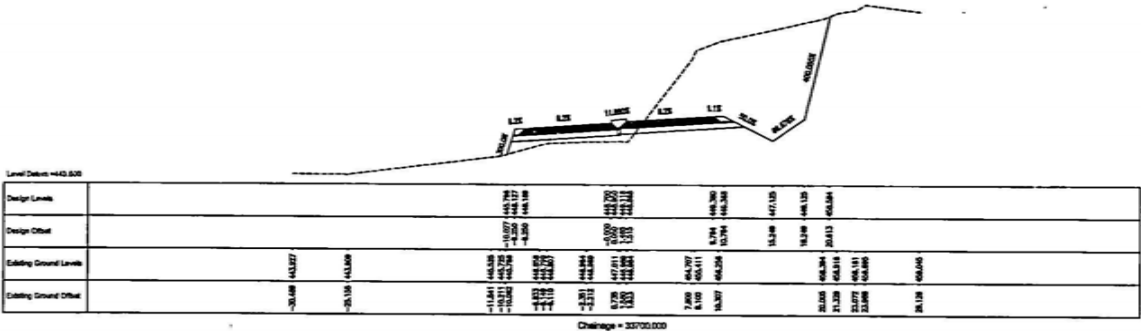
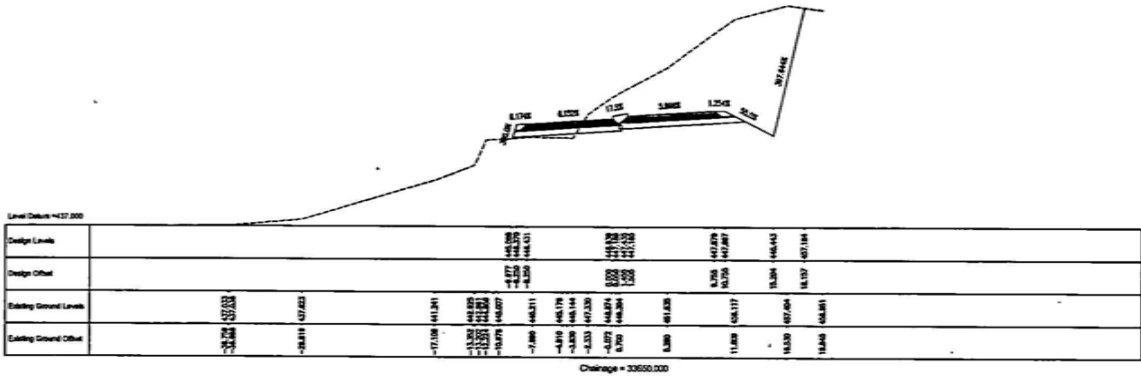
Drawing No. : SWW1019/ROADS/CS - 168 Sheet :
Scale :- NOT TO BE SCALED

Dwg. K.P.RASAD Appd. BISG.C.D.PUR Date JUNE-2009



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E-mail: s.wilsons@vsnl.com

Scott Wilson



Note:- Levels shown are wet assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (from 0+00 to km 94+00) including Jammu/Path Nagrota and Udhampur Bypass Phase - III Programme of North - South corridor Project, Contract Package 04/06

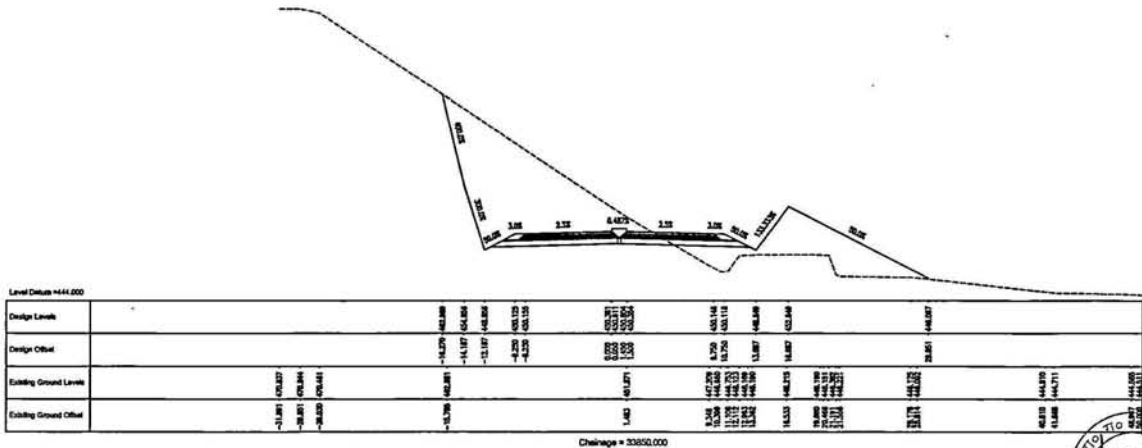
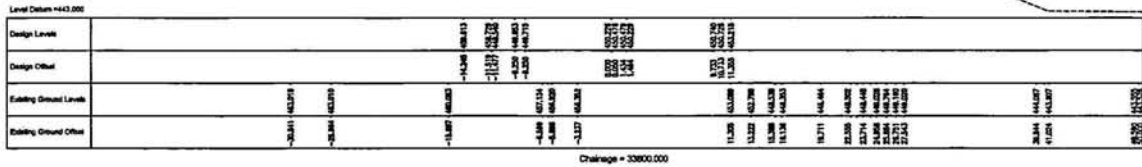
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Drawing Title: CROSS SECTION
 CH 33650.000 TO 33750.000
Drawing No.: SW/1019/ROADS/CS - 169 **Sheet:** _____
Scale: NOT TO BE SCALED
Dsn: K.L.N **Dgn:** K.PRASAD **Appd:** BRIG.C.D.PUR **Date:** JUNE-2009

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 E-mail: info@swi.com





Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2 lane road to 4 lane divided carriageway configuration of Jammu - Udhampur section of NH-1 A (km 0.00 to km 16.00) including Jammu/Parit Hegra and Udhampur bypass Phase - II Programme of North - South corridor Project, Contract Package C-0918

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Drawing Title: CROSS SECTION CH. 33800.000 TO 33850.000
Drawing No.: SW/1019/ROADS/CS - 170
Scale: NOT TO BE SCALED
Drn: M.L.N
Appd: K.PRASAD
Date: JUNE-2009

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Level Datum =444.000

Design Level															
Design Offset															
Existing Ground Levels	446.000	443.000	442.000	441.000	440.000	439.000	438.000	437.000	436.000	435.000	434.000	433.000	432.000	431.000	430.000
Existing Ground Offset	-0.000	-1.000	-2.000	-3.000	-4.000	-5.000	-6.000	-7.000	-8.000	-9.000	-10.000	-11.000	-12.000	-13.000	-14.000

Chainage = 33950.000

Level Datum =445.000

Design Level															
Design Offset															
Existing Ground Levels	446.000	443.000	442.000	441.000	440.000	439.000	438.000	437.000	436.000	435.000	434.000	433.000	432.000	431.000	430.000
Existing Ground Offset	-0.000	-1.000	-2.000	-3.000	-4.000	-5.000	-6.000	-7.000	-8.000	-9.000	-10.000	-11.000	-12.000	-13.000	-14.000

Chainage = 33950.000



Note:-
Levels shown are wet assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A from 0+00 to km 38+00 including Interchange highway and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-2818

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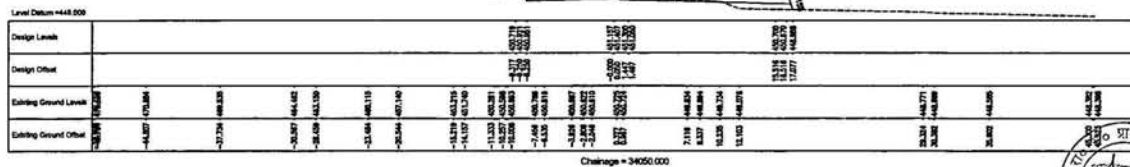
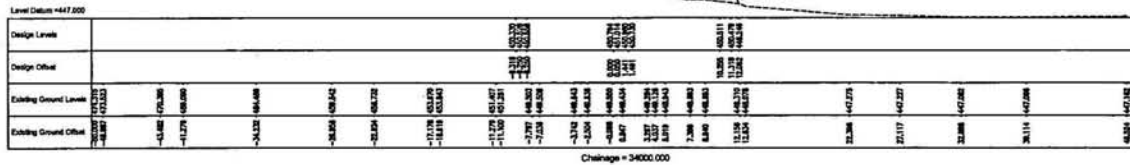
Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title:
**CROSS SECTION
CH. 33900.000 TO 33950.000**
Drawing No. : SW/1019/ROADS/CS - 171
Scale :- **NOT TO BE SCALED**
Dra. K.L.N Dgn. K.PRASAD Appd. BRIG.C.D.PURNI
Date: JUNE-2009

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MATHURA ROAD
NEW DELHI - 110044
Tele: (011) 41679340 - 49
Fax: (011) 41679350
E-mail : swi@scottwilson.com



254



Note:-
Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 1 lane road to 4 lane divided carriageway configuration of Jarawa - Utharpur section of NH-11 A (km 1.00 to km 64.20) including Jarawa (NH) Margins and Utharpur bypass Phase - II Programme of North-South - corridor Project, Contract Package C-6/18

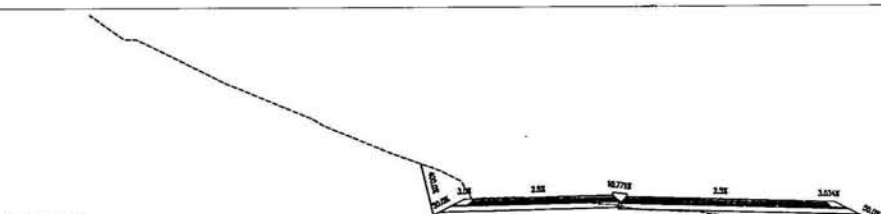
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Drawing Title: CROSS SECTION
CH. 34000.000 TO 34050.000
Drawing No.: SW/1019/ROADS/CS - 172
Scale: 1:1000
Dn: K.L.N
Dgn: K.PRASAD
Appd: BRG.C.D.PUR
Date: JUNE-2009

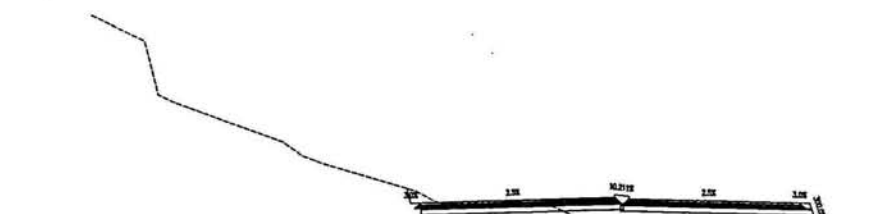
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Fax: (011) 41673350
E-mail: info@scw.com





Level Datum +448.800			
Design Level			
Design Offset			
Existing Ground Levels	448.800	448.800	448.800
Existing Ground Offset	0.000	0.000	0.000
Design Level	448.800	448.800	448.800
Design Offset	0.000	0.000	0.000
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Existing Ground Offset	0.000	0.000	0.000

Chaiage = 34100.000



Level Datum +458.800			
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Design Offset			
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Chaiage = 34150.000

Note:- Levels shown are set assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2 lane road to 4 lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (from 8.80 to 18.50 KM) including Jammu/Parit Nagar/and Udhampur bypass Phase-III Programme of North-South - corridor Project, Contract Package C-5/18

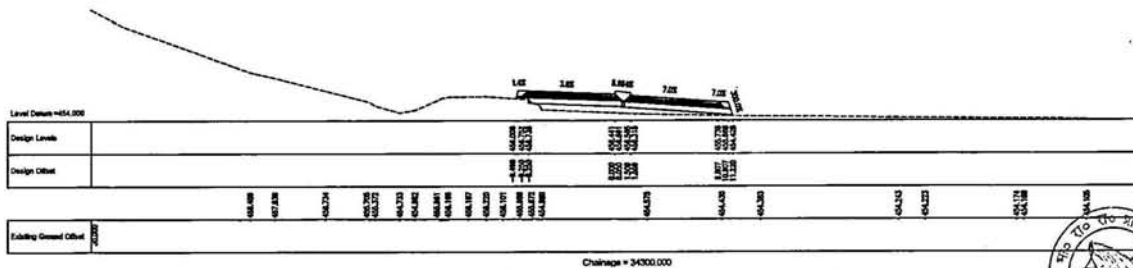
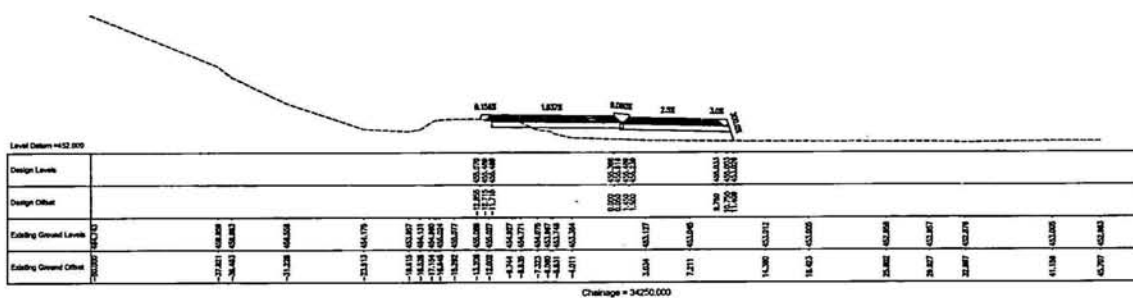
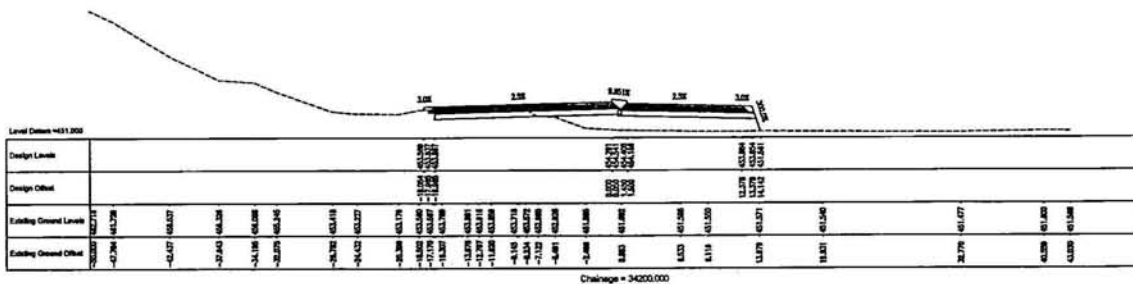
NOV 2009
PROJECT TITLE: REHABILITATION AND UPGRADE OF EXISTING 2 LANE ROAD TO 4 LANE DIVIDED CARRIAGEWAY CONFIGURATION OF JAMMU - UDHAMPUR SECTION OF NH-1A (FROM 8.80 TO 18.50 KM) INCLUDING JAMMU/PARIT NAGAR/AND UDHAMPUR BYPASS PHASE-III PROGRAMME OF NORTH-SOUTH CORRIDOR PROJECT, CONTRACT PACKAGE C-5/18

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 34100.000 TO 34150.000
Drawing No.: SW/1019/ROADS/CS-173
Scale: NOT TO BE SCALED
Drawn by: K.PRASAD
Approved by: BRIG.C.D.PURIS
Date: JUNE-2009

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E-mail: info@swindia.com





Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-51 A (from 0.00 to km 86.00) including Jammu/Varig Heights and Udhampur bypass Phase - II Programme of North-South corridor Project, Central Package Category

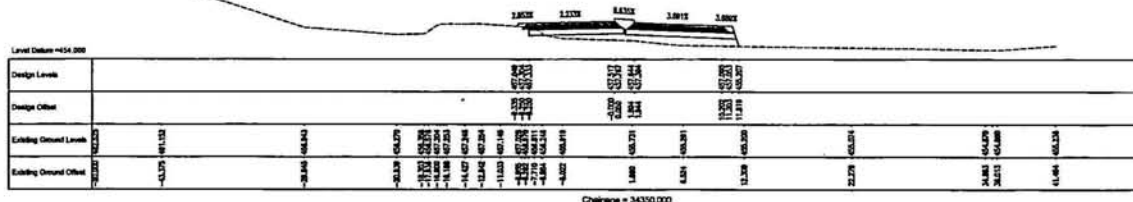
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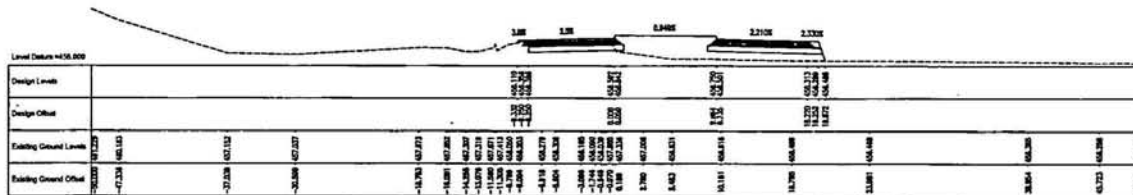
Drawing Title: CROSS SECTION * CH. 34200.000 TO 34300.000
Drawing No.: SW/1019/ROADS/CS - 174
Scale: NOT TO BE SCALED
Drawn by: K.L.N
Checked by: K.PRASAD
Appd: BINC.C.D.PURN
Date: JUNE-2009

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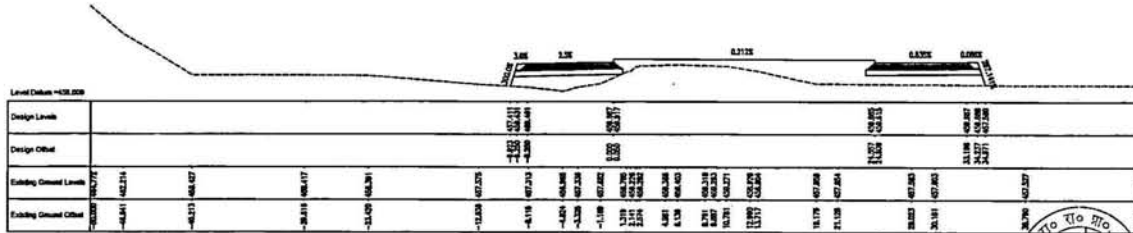




Chirgahe = 34350.000



Chirgahe = 34400.000



Chirgahe = 34450.000

Note:- Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 2-lane road to 4-lane divided. Continuity configuration of Jaipur - Lodhiana section of NH-1A. (km 2.00 to km 96.00) including Jaipur/FWD/Signage and Utilities. Phase - II Programme of North - South - corridor Project. Contract Package C-8012

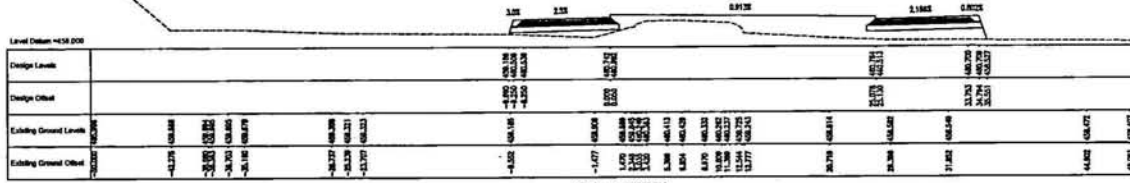
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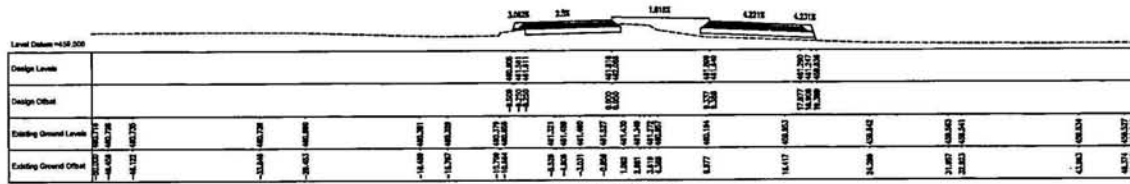
Drawing Title: CROSS SECTION - CH. 34350.000 TO 34450.000
Drawing No. : SWU/1019/ROADS/CS - 175
Scale :- NOT TO BE SEALED
Date :- JUNE-2008

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E-mail : swi@swindia.com

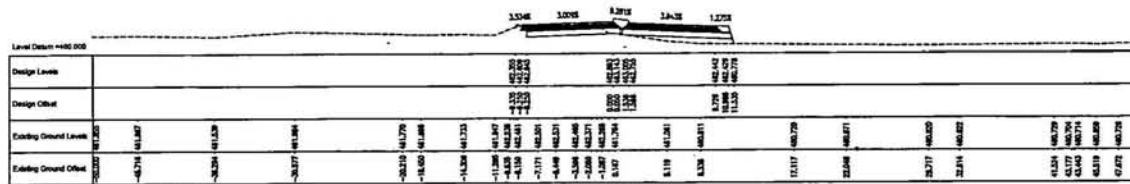




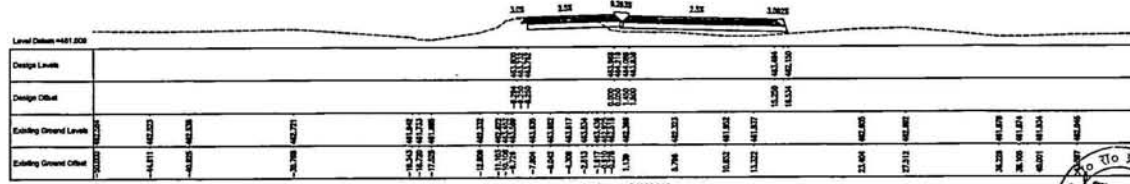
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Chainage = 34500.000



Chainage = 34600.000



Chainage = 34650.000

Note:- Levels shown are not assumed datum.

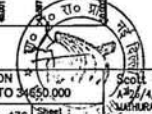
Project Title: Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-4 A from 0+00 to km 90+00 including Jorandi[?] bridge and Udhampur bypass Phase - II Programme of North - South corridor Project, Contract Package C-8/18

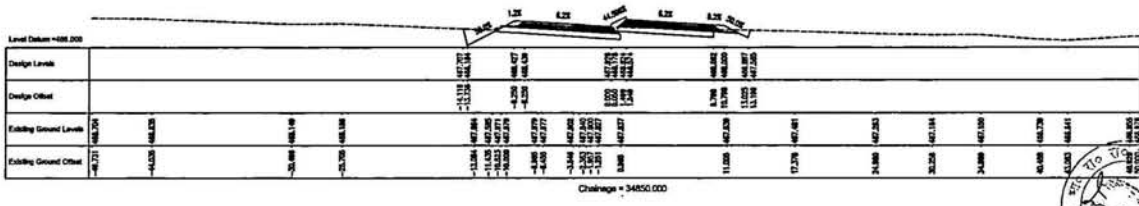
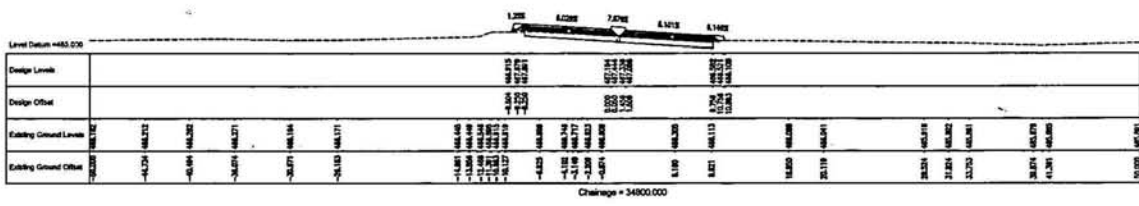
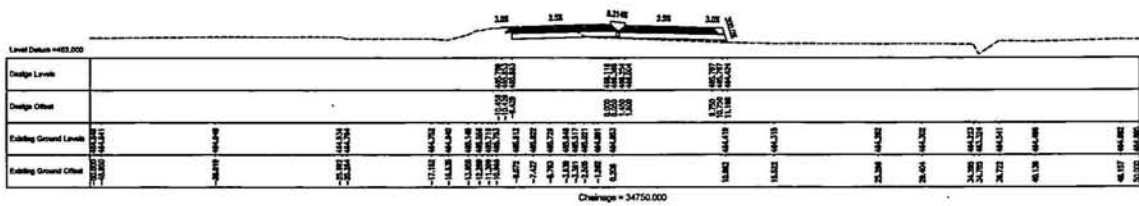
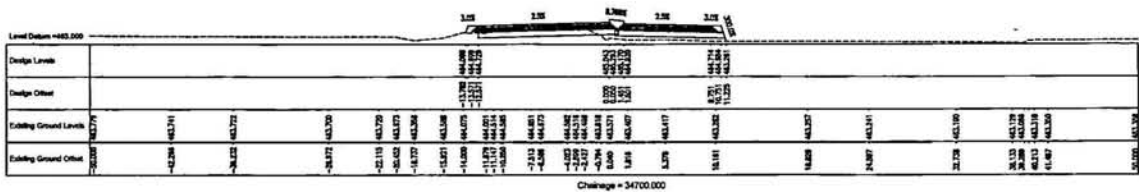
Drawn by: M. K. L. N. Checked by: K. PRASAD. Approved by: BRG.C.D.PUR. Date: JUNE-2009.

Client: NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 34500.000 TO 34650.000. Drawing No.: SW/1019/ROADS/CS- 176. Scale: NOT TO BE SCALED. Dm: K.L.N. Dgn: K.PRASAD. Appd: BRG.C.D.PUR. Date: JUNE-2009.

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Note:- Levels shown are set measured datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2 lane road to 4 lane divided Carriageway configuration of Jammu - Udhampur section of NH-1 A from 0+00 to km 68.00 including Jammu(Pur) Bypass and Udhampur Bypass Phase - II Programme of North - South corridor Project, Contract Package C-0818

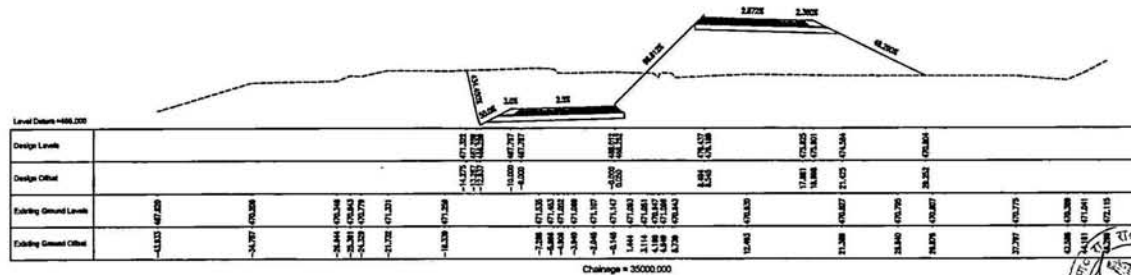
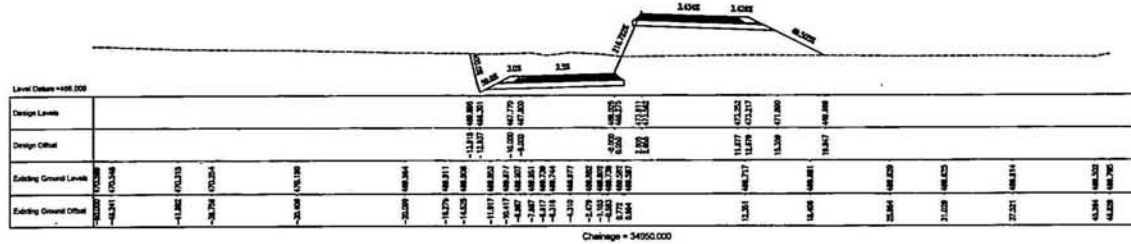
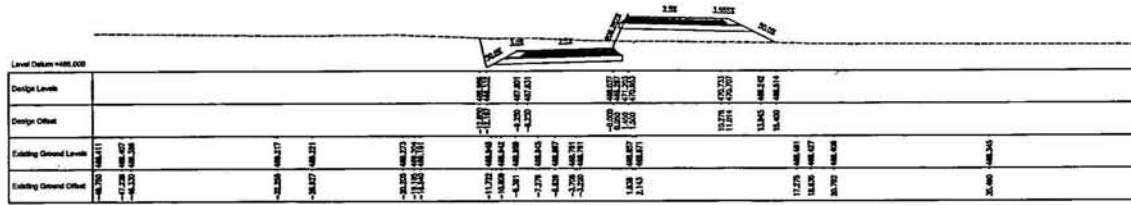
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Drawing Title: CROSS SECTION
 CH. 34700.000 TO 34850.000
Drawing No.: SW/1019/ROADS/CS- 177
Scale :- NOT TO BE SCALED
Date 11/06/2009
Dwn K.L.N
Dgn K.PRASAD
Appd BRG.C.D.PUR
Sheet : 1

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 E-mail : info@swi.com





Note:- Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Cartage way configuration of Jammu - Udhampur section of NH-1A (from 0.00 to km 86.00) including Jammu(Ur) Nagri and Udhampur bypass Phase - III Programme of North - South Corridor Project, Contract Package C-8618

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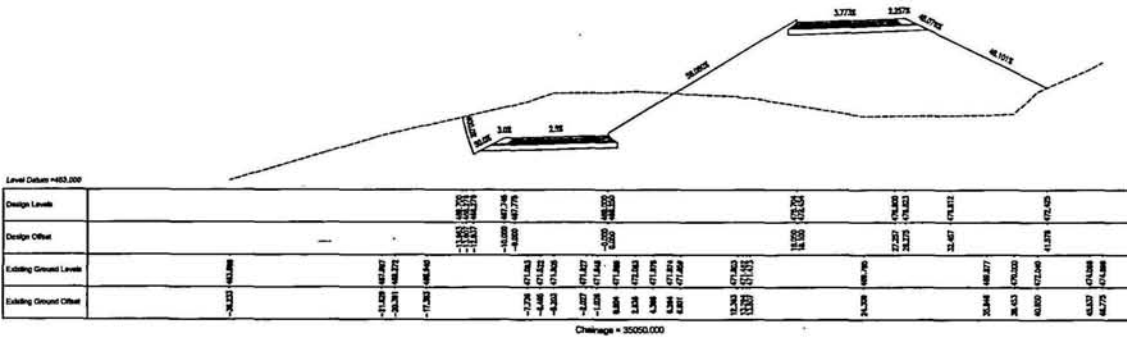
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(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 34900.000 TO 35000.000

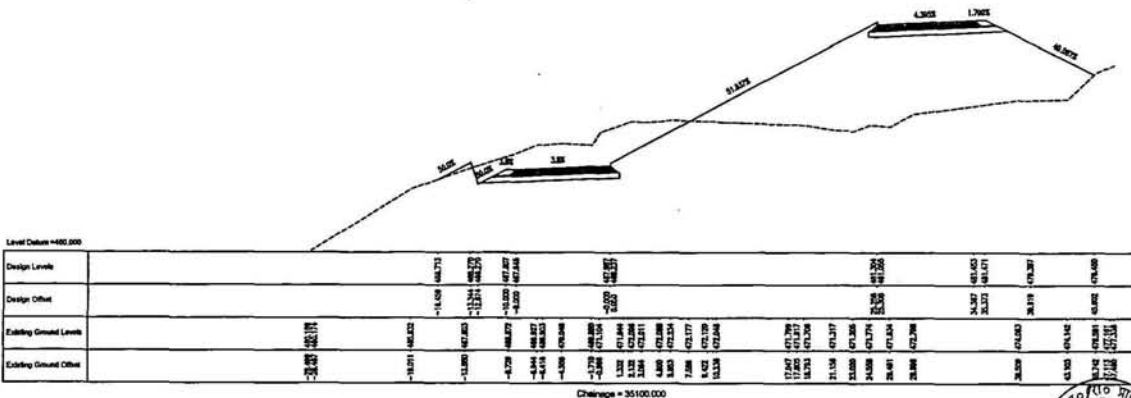
Drawing No. : SW/1018/ROADS/CS-178
Scale :- NOT TO BE SEALED
Drn :- KLN
Appd :- K.PRASAD
Appd :- SINGH.C.D.PURD
Date :- JUNE-2009

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NEW DELHI - 110044
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Fax: (011) 41679350
E-mail : info@swi.com





Chainage = 35050.000



Chainage = 35100.000

Note:- Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2 lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1 A. (km 0.00 to km 98.00) including Jammu/Farid Nagrova and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-M/18

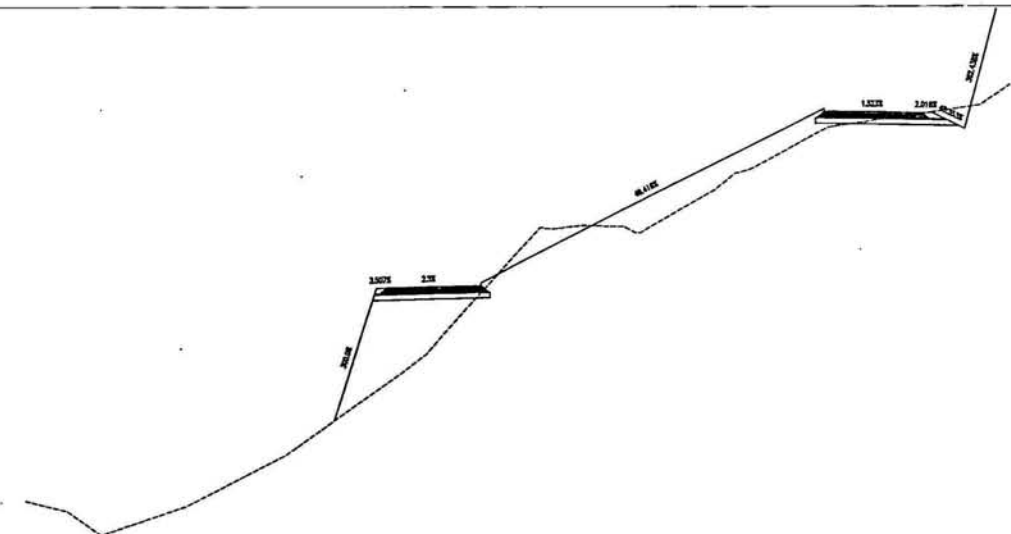
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Drawing Title: CROSS SECTION CH. 35050.000 TO 35100.000
Drawing No.: SW/1019/ROADS/CS - 179
Scale: NOT TO BE SCALED
Date: JUNE-2009
Appd: BRG.C.D.PURI
Dgn: K.PRASAD
Drn: K.L.N.

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 E-mail: swinfo@swi.com





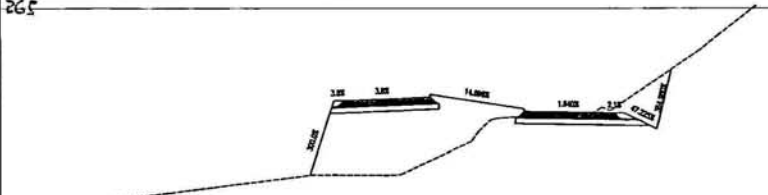
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Chainage = 35150.000

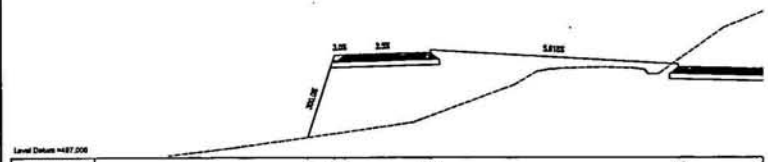
<p>Note:- Levels shown are not assumed datum.</p>	<p>Project Title Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided carriageway configuration of Jammu - Dibrugarh section of NH-14 A (km 0.00 to km 98.00) including Jammu/Port Bridge and Lateral Road Types Phase - II Programme of North-South corridor Project, Contract Package C-0918</p>	<p>Scale :- NOT TO BE SCALED</p>	<p>Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)</p>	<p>Drawing Title: CROSS SECTION CH. 35150.000</p>	<p>Scale :- NOT TO BE SCALED</p>	<p>Sheet :-</p>		<p>Scott Wilson India Private Limited 28/26A, MOHAN CO-OPERATIVE IND. ESTATE WAZIRPURA ROAD NEW DELHI - 110044 Tel: (011) 41679340 - 49 Fax: (011) 41679350 E-mail: s-w@swi.com</p>





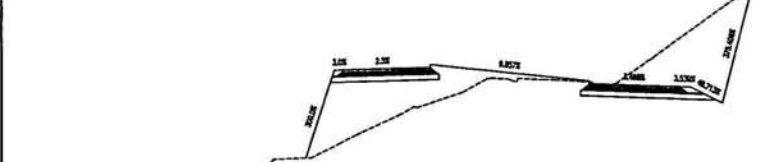
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Chirpage = 36500.000



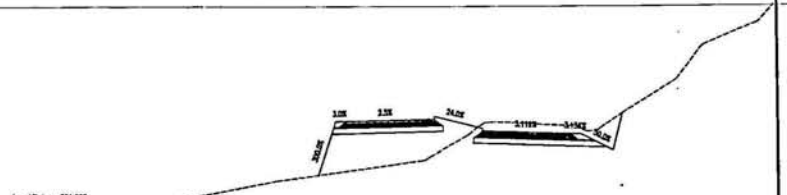
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Chirpage = 36500.000



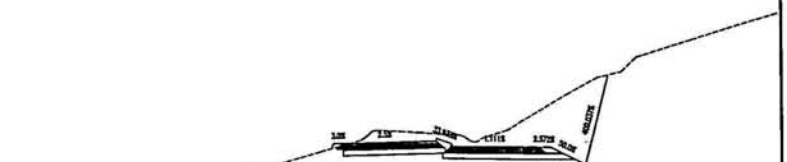
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Chirpage = 36500.000



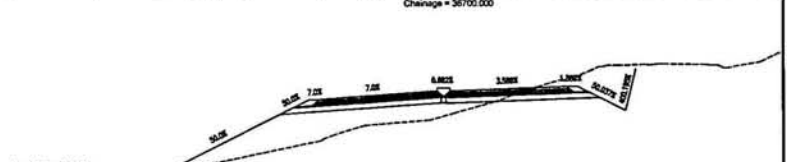
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Chirpage = 36550.000



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Chirpage = 36750.000

Note:- Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2 lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1 A (5m 0.00 to km 86.00) including Jammu(Ur) Margrta and Udhampur Bypass Phase - II Programme of North - South - corridors Project, Contract Package C-8718

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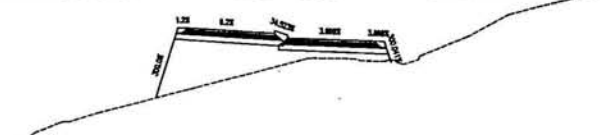
Client
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Drawing Title: CROSS SECTION
CH. 36500.000 TO 36750.000
A-36/1019/ROADS/CS - 183
Scale :- NOT TO BE SCALED
Dn: K.L.N. Dgn: K.PRASAD Appd: BRIS.C.D.PUR Date: JUNE-2009

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NEW DELHI - 110044
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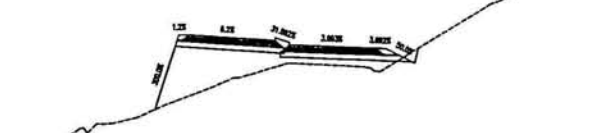


267



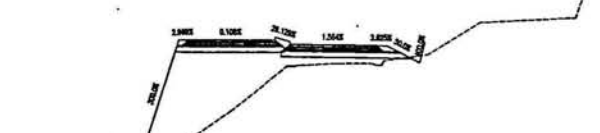
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Design Offset	
Existing Ground Levels	
Existing Ground Offset	

Chainage = 37100.000



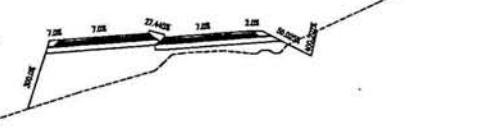
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Existing Ground Levels	
Existing Ground Offset	

Chainage = 37150.000



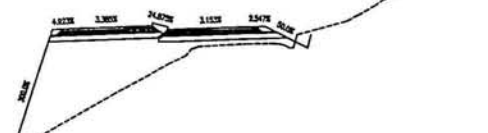
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Design Levels	
Design Offset	
Existing Ground Levels	
Existing Ground Offset	

Chainage = 37200.000



Level Datum +512.000	
Design Levels	
Design Offset	
Existing Ground Levels	
Existing Ground Offset	

Chainage = 37250.000



Level Datum +513.200	
Design Levels	
Design Offset	
Existing Ground Levels	
Existing Ground Offset	

Chainage = 37300.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided. Connectivity configuration of Jammu - Udhampur section of NH-1 A. (from 0.00 to km 98.00) including Jammu(Pant) Nagrota and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-018

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title:
CROSS SECTION
 CH. 37100.000 TO 37300.000

Drawing No. : SW/1019/ROADS/CS - 185

Scale :- NOT TO BE SCALED

Drn. K.L.N. Dgn. K.PRASAD Appd. BRG.C.D.PUR Date JUNE-2009

Sheet
 267

Scott Wilson India Private Limited
 A-26/4, MOHAN CO-OPERATIVE IND. ESTATE
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 NEW DELHI - 110044
 Tele: (011) 41679340 - 49
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 E-mail : info@swi.com

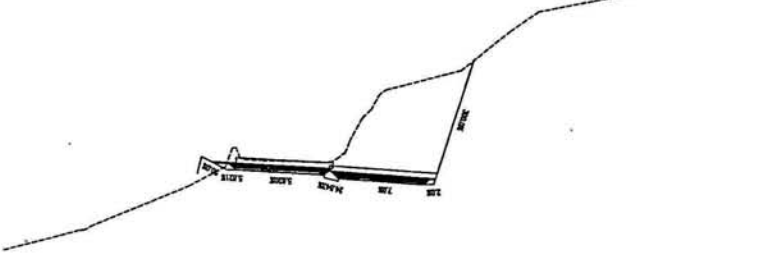


Notes:—
Levels shown are unadjusted datum.

Project Title
 CH 37350.000 TO 37500.000
 CH 37350.000 TO 37500.000
 Drawing Title: CROSS SECTION
 Drawing No.: SWM/1019/ROADSCS-186
 Sheet: 1
 Scale: NOT TO BE SCALED
 Date: 14/11/2008
 Appd: BHO.C.P/MSD
 Dtg: K.L.N.
 (Ministry of Shipping, Road Transport & Highways)
 NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)
 Project Title
 CH 37350.000 TO 37500.000
 CH 37350.000 TO 37500.000
 Drawing Title: CROSS SECTION
 Drawing No.: SWM/1019/ROADSCS-186
 Sheet: 1
 Scale: NOT TO BE SCALED
 Date: 14/11/2008
 Appd: BHO.C.P/MSD
 Dtg: K.L.N.
 (Ministry of Shipping, Road Transport & Highways)
 NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

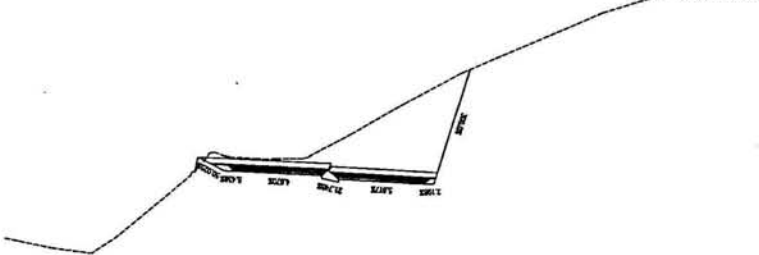
CH 37400.000 TO 37600.000

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Design Chain	37400	37405	37410	37415	37420	37425	37430	37435	37440	37445	37450	37455	37460	37465	37470	37475	37480	37485	37490	37495	37500	37505	37510	37515	37520	37525
Existing Ground Level	11.20	11.15	11.10	11.05	11.00	10.95	10.90	10.85	10.80	10.75	10.70	10.65	10.60	10.55	10.50	10.45	10.40	10.35	10.30	10.25	10.20	10.15	10.10	10.05	10.00	9.95
Existing Ground Chain	37400	37405	37410	37415	37420	37425	37430	37435	37440	37445	37450	37455	37460	37465	37470	37475	37480	37485	37490	37495	37500	37505	37510	37515	37520	37525



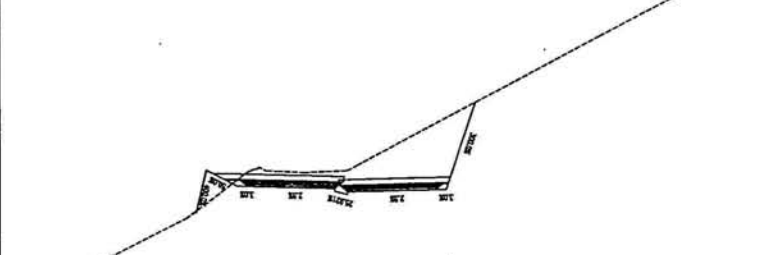
CH 37600.000 TO 37800.000

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Design Chain	37600	37605	37610	37615	37620	37625	37630	37635	37640	37645	37650	37655	37660	37665	37670	37675	37680	37685	37690	37695	37700	37705	37710	37715	37720	37725
Existing Ground Level	11.20	11.15	11.10	11.05	11.00	10.95	10.90	10.85	10.80	10.75	10.70	10.65	10.60	10.55	10.50	10.45	10.40	10.35	10.30	10.25	10.20	10.15	10.10	10.05	10.00	9.95
Existing Ground Chain	37600	37605	37610	37615	37620	37625	37630	37635	37640	37645	37650	37655	37660	37665	37670	37675	37680	37685	37690	37695	37700	37705	37710	37715	37720	37725



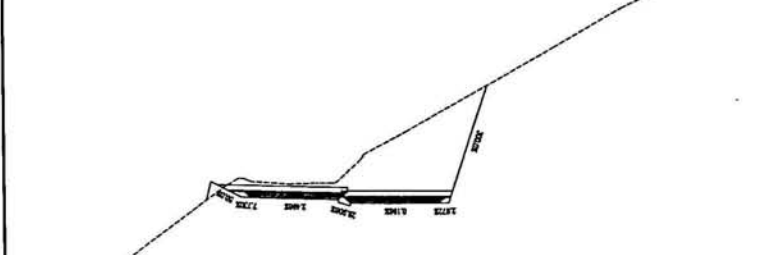
CH 37500.000 TO 37700.000

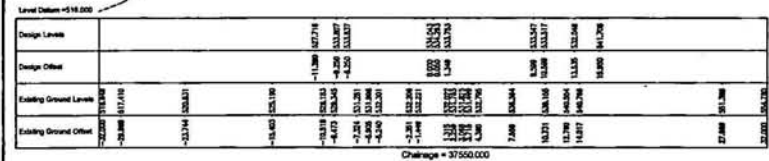
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Design Chain	37500	37505	37510	37515	37520	37525	37530	37535	37540	37545	37550	37555	37560	37565	37570	37575	37580	37585	37590	37595	37600	37605	37610	37615	37620	37625
Existing Ground Level	11.20	11.15	11.10	11.05	11.00	10.95	10.90	10.85	10.80	10.75	10.70	10.65	10.60	10.55	10.50	10.45	10.40	10.35	10.30	10.25	10.20	10.15	10.10	10.05	10.00	9.95
Existing Ground Chain	37500	37505	37510	37515	37520	37525	37530	37535	37540	37545	37550	37555	37560	37565	37570	37575	37580	37585	37590	37595	37600	37605	37610	37615	37620	37625



CH 37700.000 TO 37900.000

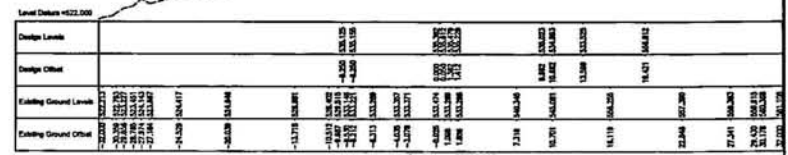
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Design Chain	37700	37705	37710	37715	37720	37725	37730	37735	37740	37745	37750	37755	37760	37765	37770	37775	37780	37785	37790	37795	37800	37805	37810	37815	37820	37825
Existing Ground Level	11.20	11.15	11.10	11.05	11.00	10.95	10.90	10.85	10.80	10.75	10.70	10.65	10.60	10.55	10.50	10.45	10.40	10.35	10.30	10.25	10.20	10.15	10.10	10.05	10.00	9.95
Existing Ground Chain	37700	37705	37710	37715	37720	37725	37730	37735	37740	37745	37750	37755	37760	37765	37770	37775	37780	37785	37790	37795	37800	37805	37810	37815	37820	37825





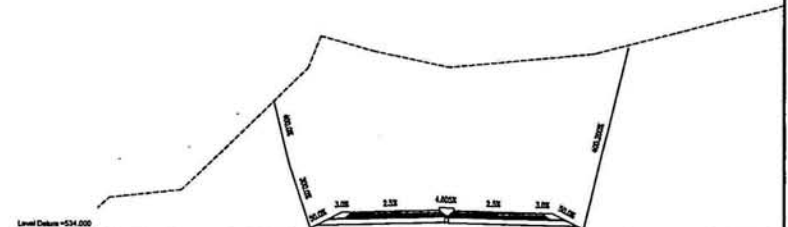
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Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 37550.000



Level Datum +522.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

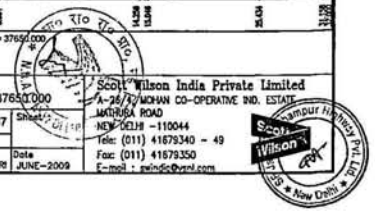
Chainage = 37550.000



Level Datum +534.000										
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Existing Ground Levels										
Existing Ground Offset										

Chainage = 37550.000

<p>Notes: Levels shown are not assumed datum.</p>	<p>Project Title Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 3-lane road to 4-lane divided Category road/road of Jammu - Udhampur section @ 94.1 A (km 0.00 to km 06.00) including Jamru/Port Heights and Suburban Bypass Phase - II Programme of North - South corridor Project, Contract Package C-8918</p>	<p>Client NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)</p>	<p>Drawing Title: CROSS SECTION CH. 37550.000 TO 37650.000</p> <p>Drawing No.: SW/1019/ROADS/CS - 187</p> <p>Scale: NOT TO BE SCALED</p> <p>Drn: K.L.N. Dgn.: K.PRASAD Appd: B.S.G. C.D. PUR Date: JUNE-2009</p>	<p>Wilson India Private Limited A-26/27, MOHAN CO-OPERATIVE IND. ESTATE JALRUWA ROAD NEW DELHI - 110044 Tel: (011) 41679340 - 49 Fax: (011) 41679350 E-mail: info@wilsonindia.com</p>
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230

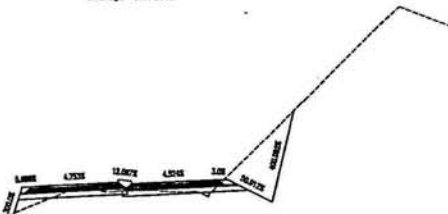
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Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											

Chiragali = 37700.000



Level Datum	+527.000										
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											

Chiragali = 37750.000



Level Datum	+530.000										
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											

Chiragali = 37800.000

Level Datum	+525.000										
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											

Chiragali = 37850.000

Level Datum	+534.000										
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											

Chiragali = 37900.000

Note:- Levels shown are wet assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jerru - Uthangar section of NH-1A from 0+00 to km 96+00 including Jerru/Parli Bypass and Uthangar Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-0818

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title:
CROSS SECTION
CH. 37700.000 TO 37900.000

Drawing No.: SW/1019/ROADS/CS - 188

Scale: NOT TO BE SCALED

Date: JUNE-2009

Drawn: K.L.N
Checked: K.PRASAD
Approved: BRIG.C.D.PURI

Client
Scott Wilson India Private Limited
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E-mail: info@swindia.com



NOTE:- Levels shown are not assumed details.

Project Title
 Consideration and approval for preparation of detailed project report for the proposed widening of National Highway No. 231 from 12.5m to 24.5m at the proposed location of the proposed widening project.

Project Phase - II
 Preparation of Detailed Project Report and Tender Documents for the proposed widening of National Highway No. 231 from 12.5m to 24.5m at the proposed location of the proposed widening project.

Contract Package Details
 1.00 to 1.00 (0.00) widening of National Highway No. 231 from 12.5m to 24.5m at the proposed location of the proposed widening project.

NATIONAL HIGHWAYS
 (Ministry of Shipping, Road Transport & Highways)



Client
 National Highways Authority of India

Drawing Title:
 CROSS SECTION
 CH. 37950.000 TO 38000.000

Scale:
 NOT TO BE SCALE

Drawing No.:
 SWM/19/ROADS/CS-189

Date:
 2024

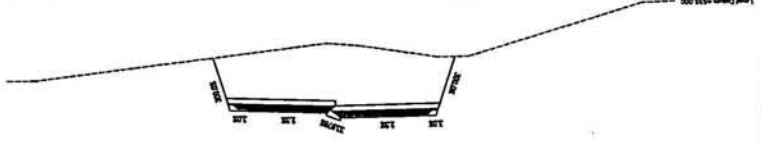
Design:
 K.P.R.S.A.D

Drawn:
 B.M.C.P.P.U.R

Checked:
 A.N.C-2009

Project Location:
 NEAR TO PAVAN ROAD
 NEW DELHI - 110044
 Tel: (011) 4187340 - 49
 Fax: (011) 4187350
 E-mail: swm@nhai.org

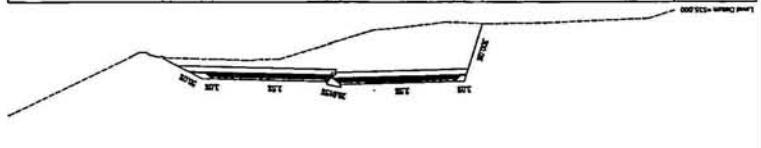
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37955.000	12.500	12.500
37957.500	12.500	12.500
37960.000	12.500	12.500
37962.500	12.500	12.500
37965.000	12.500	12.500
37967.500	12.500	12.500
37970.000	12.500	12.500
37972.500	12.500	12.500
37975.000	12.500	12.500
37977.500	12.500	12.500
37980.000	12.500	12.500
37982.500	12.500	12.500
37985.000	12.500	12.500
37987.500	12.500	12.500
37990.000	12.500	12.500
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38000.000	12.500	12.500



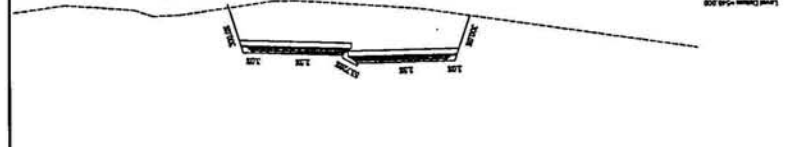
Station	Existing Ground Level	Design Level
37950.000	12.500	12.500
37952.500	12.500	12.500
37955.000	12.500	12.500
37957.500	12.500	12.500
37960.000	12.500	12.500
37962.500	12.500	12.500
37965.000	12.500	12.500
37967.500	12.500	12.500
37970.000	12.500	12.500
37972.500	12.500	12.500
37975.000	12.500	12.500
37977.500	12.500	12.500
37980.000	12.500	12.500
37982.500	12.500	12.500
37985.000	12.500	12.500
37987.500	12.500	12.500
37990.000	12.500	12.500
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38000.000	12.500	12.500



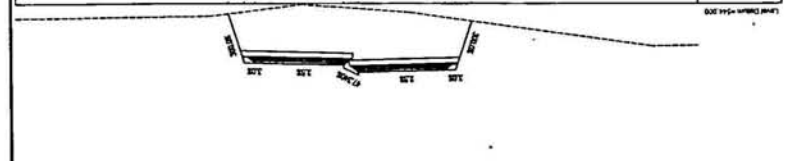
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37952.500	12.500	12.500
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37960.000	12.500	12.500
37962.500	12.500	12.500
37965.000	12.500	12.500
37967.500	12.500	12.500
37970.000	12.500	12.500
37972.500	12.500	12.500
37975.000	12.500	12.500
37977.500	12.500	12.500
37980.000	12.500	12.500
37982.500	12.500	12.500
37985.000	12.500	12.500
37987.500	12.500	12.500
37990.000	12.500	12.500
37992.500	12.500	12.500
37995.000	12.500	12.500
37997.500	12.500	12.500
38000.000	12.500	12.500



Station	Existing Ground Level	Design Level
37950.000	12.500	12.500
37952.500	12.500	12.500
37955.000	12.500	12.500
37957.500	12.500	12.500
37960.000	12.500	12.500
37962.500	12.500	12.500
37965.000	12.500	12.500
37967.500	12.500	12.500
37970.000	12.500	12.500
37972.500	12.500	12.500
37975.000	12.500	12.500
37977.500	12.500	12.500
37980.000	12.500	12.500
37982.500	12.500	12.500
37985.000	12.500	12.500
37987.500	12.500	12.500
37990.000	12.500	12.500
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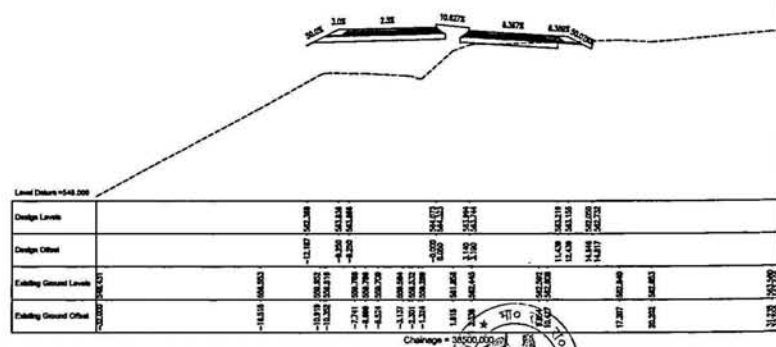
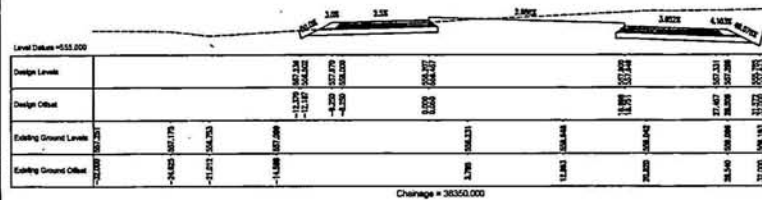
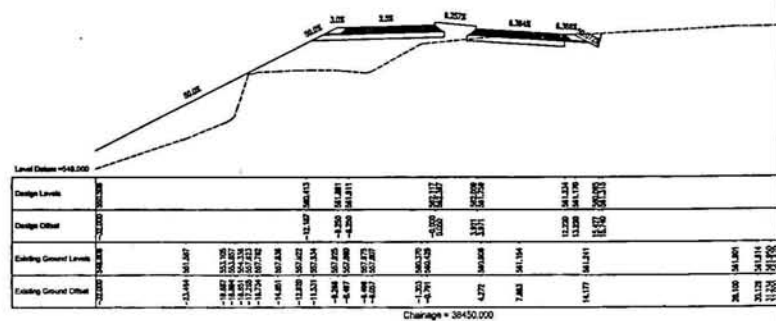
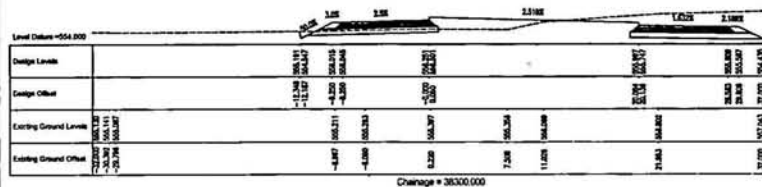
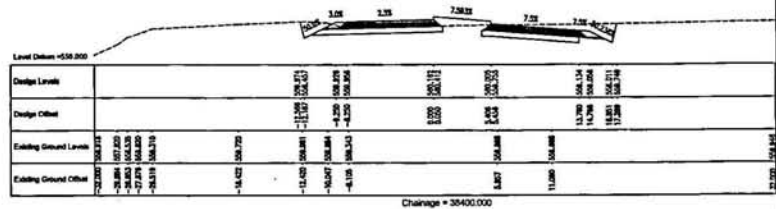
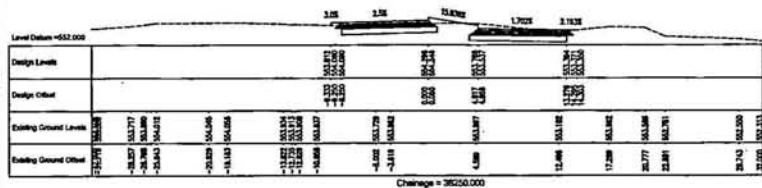


Station	Existing Ground Level	Design Level
37950.000	12.500	12.500
37952.500	12.500	12.500
37955.000	12.500	12.500
37957.500	12.500	12.500
37960.000	12.500	12.500
37962.500	12.500	12.500
37965.000	12.500	12.500
37967.500	12.500	12.500
37970.000	12.500	12.500
37972.500	12.500	12.500
37975.000	12.500	12.500
37977.500	12.500	12.500
37980.000	12.500	12.500
37982.500	12.500	12.500
37985.000	12.500	12.500
37987.500	12.500	12.500
37990.000	12.500	12.500
37992.500	12.500	12.500
37995.000	12.500	12.500
37997.500	12.500	12.500
38000.000	12.500	12.500



Station	Existing Ground Level	Design Level
37950.000	12.500	12.500
37952.500	12.500	12.500
37955.000	12.500	12.500
37957.500	12.500	12.500
37960.000	12.500	12.500
37962.500	12.500	12.500
37965.000	12.500	12.500
37967.500	12.500	12.500
37970.000	12.500	12.500
37972.500	12.500	12.500
37975.000	12.500	12.500
37977.500	12.500	12.500
37980.000	12.500	12.500
37982.500	12.500	12.500
37985.000	12.500	12.500
37987.500	12.500	12.500
37990.000	12.500	12.500
37992.500	12.500	12.500
37995.000	12.500	12.500
37997.500	12.500	12.500
38000.000	12.500	12.500





Note:- Levels shown are as assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jarra - Uthmaniyah section of NH-5 A (from 5.00 to km 86.00) including Jarra (part) Nagata and Uthmaniyah bypass Phase - II Programme of North-South corridor Project, Contract Package C-2119

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

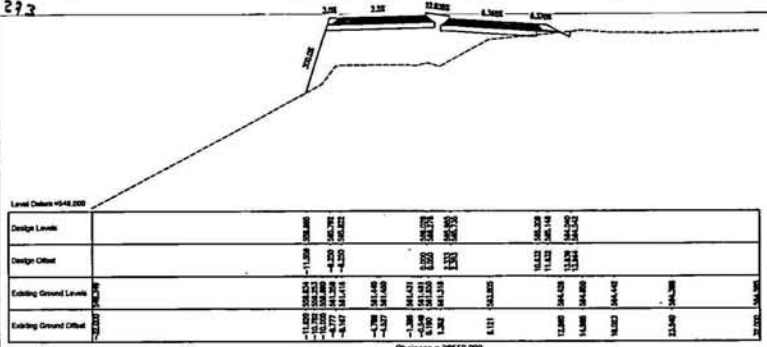
Drawing Title:
CROSS SECTION
 CH. 38250.000 TO 38500.000

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 Date: JUNE - 2009

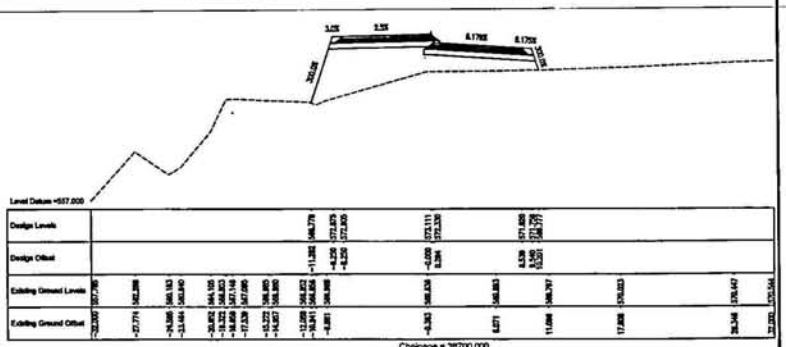
Drawn: K.L.N
 Check: K.P.RASAD
 Appd: SGG.C.D.PURI

Scott Wilson India Private Limited
 25/26, MOHAN CO-OPERATIVE IND. ESTATE
 WATKINSON ROAD
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 E-mail: swi@swiindia.com

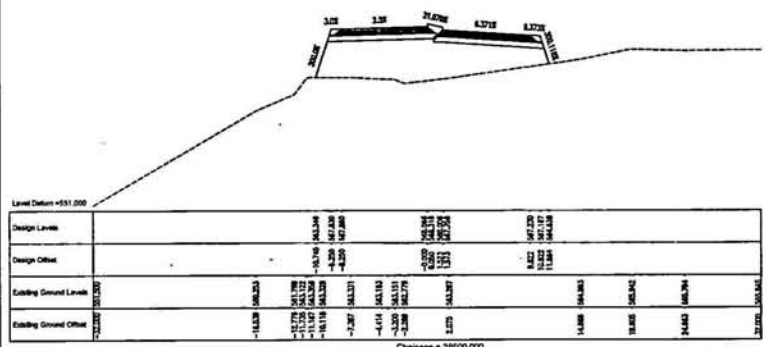




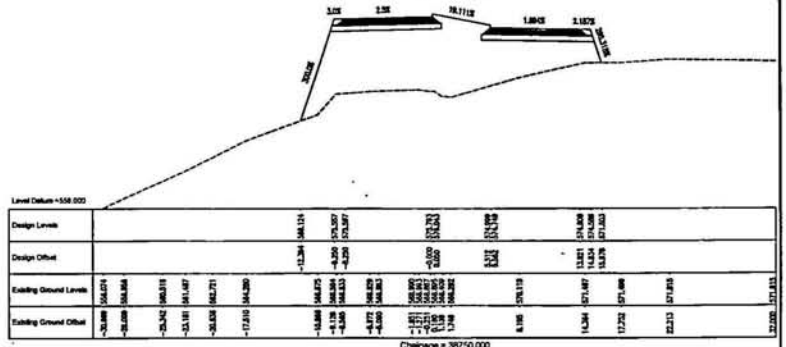
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Design Offset											
Existing Ground Levels											
Existing Ground Offset											
Chiragga = 38550.000											



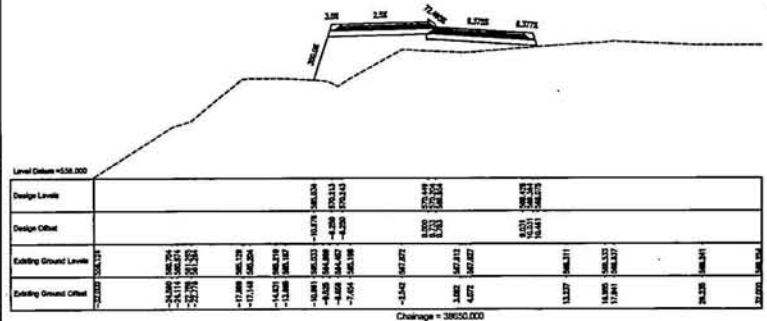
Level Datum +557.000											
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											
Chiragga = 38700.000											



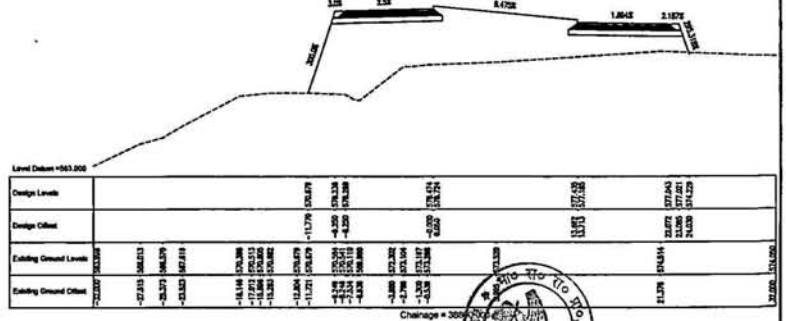
Level Datum +551.000											
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											
Chiragga = 38600.000											



Level Datum +558.000											
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											
Chiragga = 38750.000											



Level Datum +558.000											
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											
Chiragga = 38650.000											



Level Datum +563.000											
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											
Chiragga = 38700.000											

Note: - Levels shown are not assumed datum.

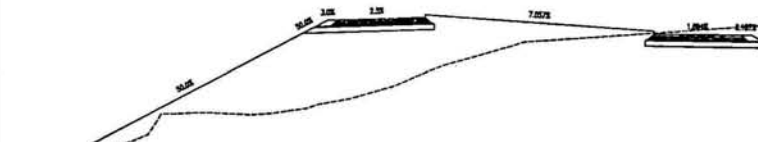
Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided highway configuration of Jamnagar - Utharpur section (SR9411 A) (Km 6.00 to Km 88.00) including Jamnagar/Port Heights and Utharpur bypass Phase - II Programme of North-South Corridor Project, Contract Package C-09/18

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title:
CROSS SECTION
CH. 38550.000 TO 38800.000
Drawing No.: SW/1019/ROADS/CS - 191
Scale: - NOT TO BE SCALED
Dn: K.L.N
Dgn: K.FRASAD
Appd: BRIG.C.D.PURI
Date: JUNE-2009

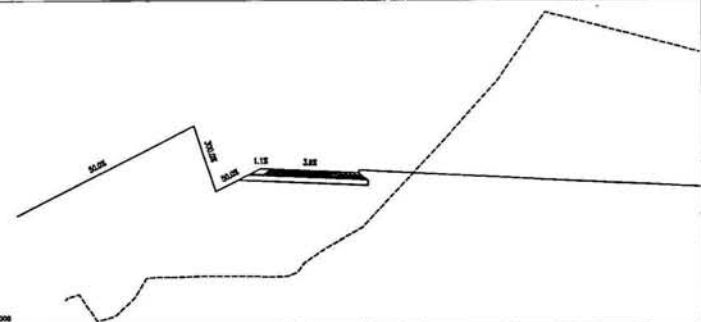
Sheet:
Scott Wilson India Private Limited
A-26/4, MOHAN CO-OPERATIVE IND. ESTATE
MATHURA ROAD
NEW DELHI - 110044
Tel: (011) 41679340 - 49
Fax: (011) 41679350
E-mail: info@swi.co.uk





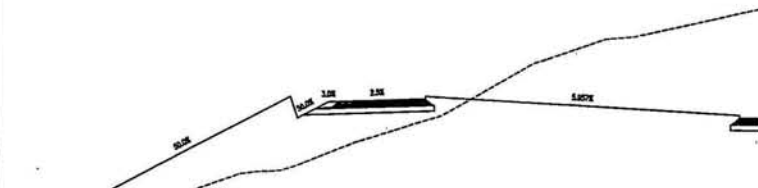
Level Datum +568.000										
Design Levels	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000
Design Offset	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
Existing Ground Levels	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000
Existing Ground Offset	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Chirnage = 38500.000



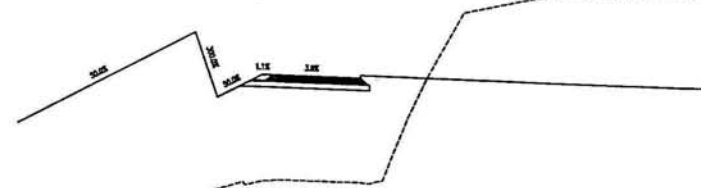
Level Datum +572.000										
Design Levels	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000
Design Offset	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
Existing Ground Levels	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000
Existing Ground Offset	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Chirnage = 38500.000



Level Datum +574.000										
Design Levels	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000
Design Offset	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
Existing Ground Levels	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000
Existing Ground Offset	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Chirnage = 38900.000



Level Datum +578.000										
Design Levels	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000
Design Offset	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
Existing Ground Levels	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000
Existing Ground Offset	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Chirnage = 38900.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for
 Rehabilitation and upgrading of existing 2-lane road to 4-lane divided
 carriageway configuration of Jammu - Udhampur section of NH-1A
 (km 11.00 to km 16.00) including Jammu-Udhampur bypass and Udhampur
 bypass Phase - II Programme of North-South corridor Project,
 Contract Package C-0718

This drawing shall be used for reference only and shall not be
 treated as a part of any contract. It is the responsibility of the
 client to ensure that the drawing is used for the purpose intended.
 Any modification to this drawing shall be made only by the
 authorized personnel of the client.

Client
**NATIONAL HIGHWAYS
 AUTHORITY OF INDIA**
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title:
**CROSS SECTION
 CH. 38850.000 TO 39000.000**

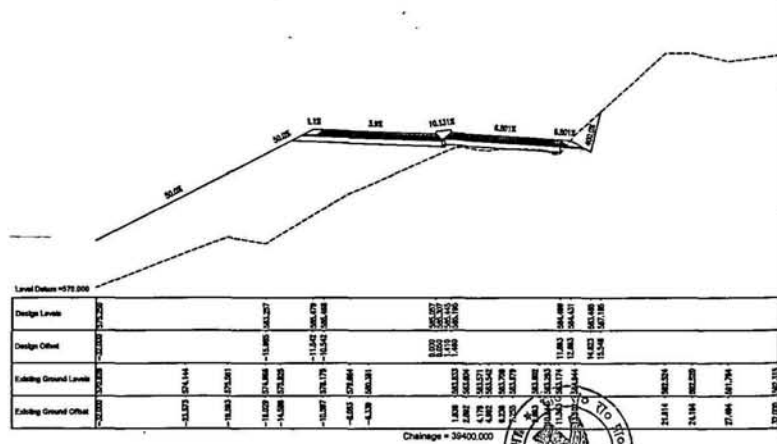
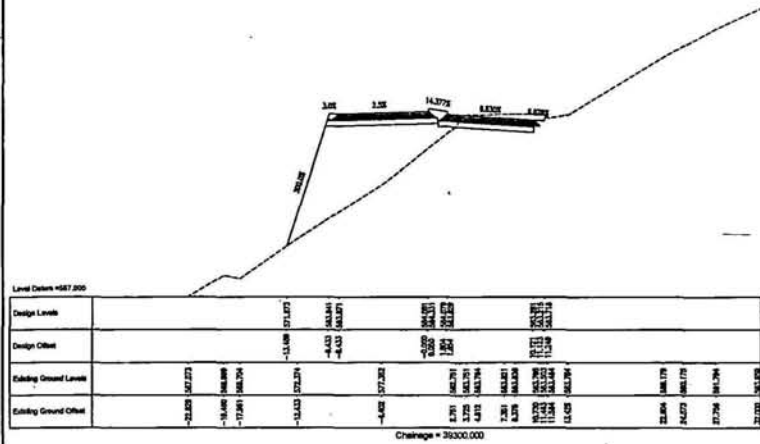
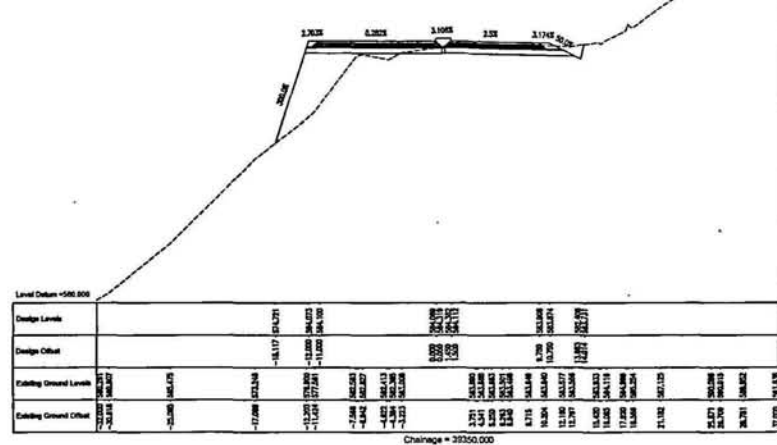
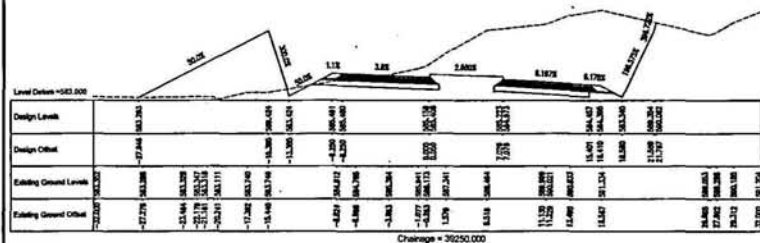
Drawing No. : SW/1019/ROADS/CS - 192

Scale :- NOT TO BE SCALED

Drn : K.L.N
 Dgn : K.PRASAD
 Appd : BRIG.C.D.PURI
 Date : JUNE-2009

Scott Wilson India Private Limited
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Note:- Levels shown are not assumed datum.

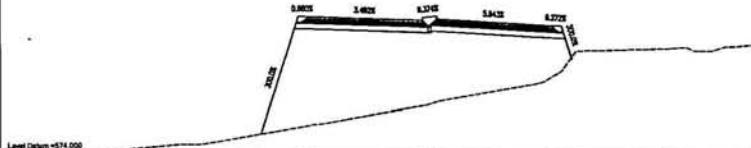
Project Title
 Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (km 0.00 to km 86.00) including Jammu(Fort) Bypass and Udhampur Bypass Phase - II Programme of North - South corridor Project, Contract Package C-8/18

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 39250.000 TO 39400.000
Drawing No.: SW/1019/ROADS/CS - 194
 Scale :- NOT TO BE SCALED
 Dn: K.L.N Dgn: K.PRASAD Appd: BRIG.C.D.PUR Date: JUNE-2009

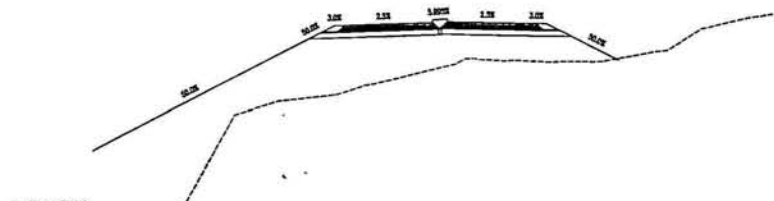
Client: Sree Wilson India Private Limited
 CH. 2874 WISHA CO-OPERATIVE IND. ESTATE
 WISHA ROAD
 NEW DELHI - 110044
 Tel: (011) 41679340 - 45
 Fax: (011) 41679350
 E-mail: srisec@soil.com





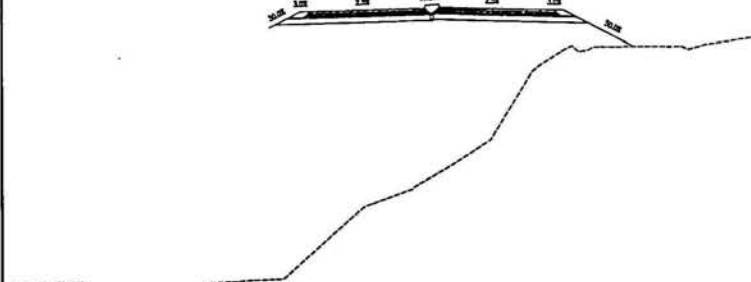
Level Datum +574.000	
Design Levels	107.794, 108.200, 108.500, 108.625, 108.625, 108.500, 108.200, 107.794
Design Offset	-13.200, -11.200, -11.200, -13.200
Existing Ground Levels	107.320, 107.320, 107.320, 107.320, 107.320, 107.320, 107.320, 107.320
Existing Ground Offset	-13.440, -13.440, -13.440, -13.440, -13.440, -13.440, -13.440, -13.440

Chainage = 39450.000



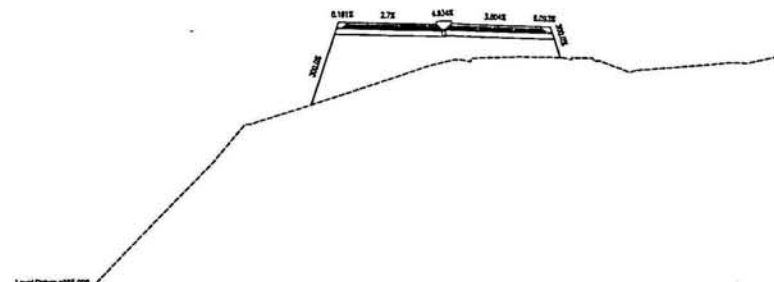
Level Datum +571.000	
Design Levels	106.762, 106.762, 106.762, 106.762, 106.762, 106.762, 106.762, 106.762
Design Offset	-13.200, -13.200, -13.200, -13.200, -13.200, -13.200, -13.200, -13.200
Existing Ground Levels	106.420, 106.420, 106.420, 106.420, 106.420, 106.420, 106.420, 106.420
Existing Ground Offset	-13.370, -13.370, -13.370, -13.370, -13.370, -13.370, -13.370, -13.370

Chainage = 39550.000



Level Datum +561.000	
Design Levels	106.044, 106.400, 106.400, 106.400, 106.400, 106.400, 106.400, 106.044
Design Offset	-13.200, -11.200, -11.200, -13.200
Existing Ground Levels	105.570, 105.570, 105.570, 105.570, 105.570, 105.570, 105.570, 105.570
Existing Ground Offset	-13.160, -13.160, -13.160, -13.160, -13.160, -13.160, -13.160, -13.160

Chainage = 39500.000



Level Datum +565.000	
Design Levels	105.119, 105.119, 105.119, 105.119, 105.119, 105.119, 105.119, 105.119
Design Offset	-13.200, -13.200, -13.200, -13.200, -13.200, -13.200, -13.200, -13.200
Existing Ground Levels	104.640, 104.640, 104.640, 104.640, 104.640, 104.640, 104.640, 104.640
Existing Ground Offset	-13.460, -13.460, -13.460, -13.460, -13.460, -13.460, -13.460, -13.460

Chainage = 39600.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Assam - 10th year section of NH-4 A (on 5.00 to km 18.00) including Jarring/Paving Highways and Urban/Rural Bypass Phase-II Programme of North-South corridor Project, Contract Package C-2018

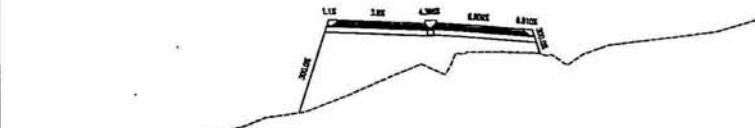
This drawing is the property of the Engineer-in-Charge and shall not be used for any other purpose without the written consent of the Engineer-in-Charge. It is to be used only for the purpose for which it is prepared and shall not be used for any other purpose without the written consent of the Engineer-in-Charge.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 39450.000 TO 39600.000
 Drawing No.: SWH/019/ROADS/CS-195
 Scale: NOT TO BE SCALED
 Dn: K.L.N. Dgn: K.PRASAD Appd: BRG.C.D.PUR Date: JUNE-2009

Scott Wilson India Private Limited
 A-2574, WILSON ROAD-OPERATIVE IND. ESTATE
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 NEW DELHI - 110044
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 Fax: (011) 41679350
 E-mail: swind@swind.com

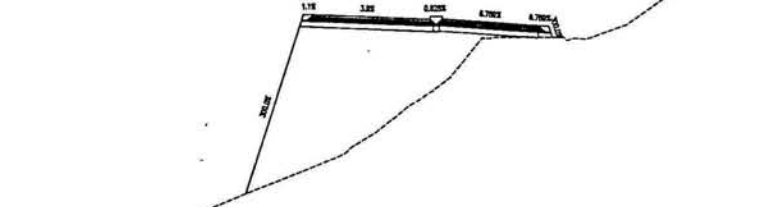




Level Datum = 679.000

Design Levels										
Design Offset										
Existing Ground Levels	722.000	724.700								
Existing Ground Offset	-20.000	-20.000								

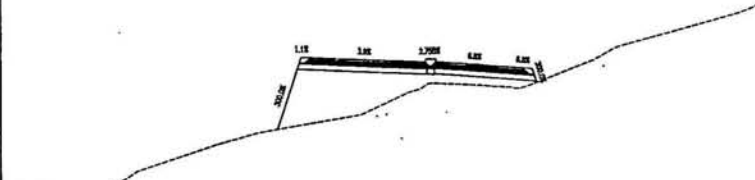
Chirage = 39650.000



Level Datum = 679.000

Design Levels										
Design Offset										
Existing Ground Levels	722.000	724.700								
Existing Ground Offset	-20.000	-20.000								

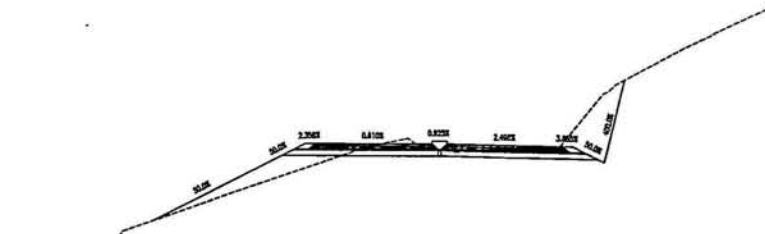
Chirage = 39750.000



Level Datum = 679.000

Design Levels										
Design Offset										
Existing Ground Levels	722.000	724.700								
Existing Ground Offset	-20.000	-20.000								

Chirage = 39700.000



Level Datum = 641.000

Design Levels										
Design Offset										
Existing Ground Levels	722.000	724.700								
Existing Ground Offset	-20.000	-20.000								

Chirage = 39950.000

Note:- Levels shown are wet assumed datum.

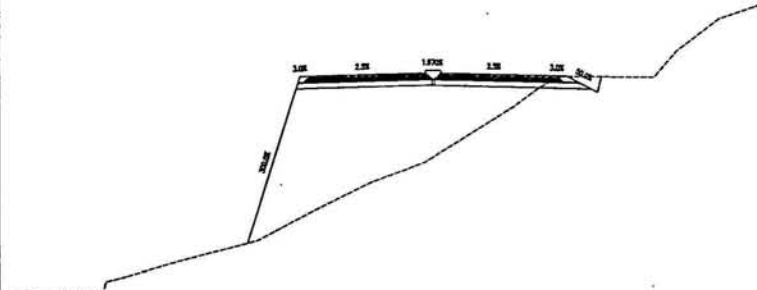
Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Category configuration of Jammu - Chirage stretch of 494+1.1 A (km 0.00 to km 66.00) including Jammu (Pur) Bypass and Uthmaniyappa Phase - III Programme of North-South corridor Project, Contract Package C-6/1E

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
CH. 39650.000 TO 39800.000
Drawing No.: SWM/019/ROADS/CS - 196
Scale: NOT TO BE SCALED
Drawn By: K.L.N.
Checked By: K.PRASAD
Approved By: BRIG.C.D.PUR
Date: JUNE-2009

Sheet:
NEW DELHI - 110044
Tel: (011) 41678340 - 49
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E-mail: nwhd@nwha.com

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A-26/4, MOHAN CO-OPERATIVE IND. ESTATE
MATHURA ROAD
NEW DELHI - 110044
Tel: (011) 41678340 - 49
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E-mail: swhd@swi.com



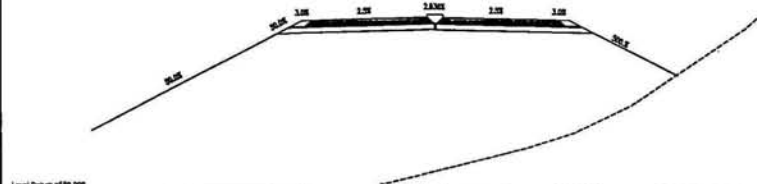
Level Datum	+374.000									
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 38950.000



Level Datum	+582.000									
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 38950.000



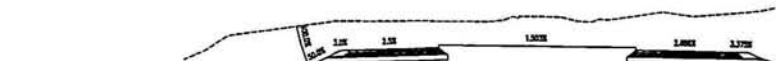
Level Datum	+508.000									
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 39900.000



Level Datum	+548.000									
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 40000.000



Level Datum	+548.000									
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 40000.000

Note:- Levels shown are wet assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A. (km 0.00 to km 96.00) including Jammu(Utd) Nagru and Udhampur bypass Phase-III Programme of North-South - common Project, Contract Package C-078

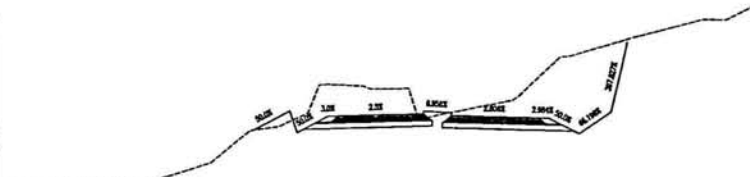
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Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title:
 CROSS SECTION
 CH. 38950.000 TO 40050.000
 Drawing No. : SW/1019/ROADS/CS - 197
 Scale :- NOT TO BE SCALED
 Date: 26/06/2004
 Dwg. : K.PRASAD
 Appd. : BRIG.C.D.PUR
 Date: JUNE-2004

Scott Wilson India Private Limited
 A-26/4, MOHAN CO-OPERATIVE IND. ESTATE
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 NEW DELHI - 110044
 Tel: (011) 41679340 - 49
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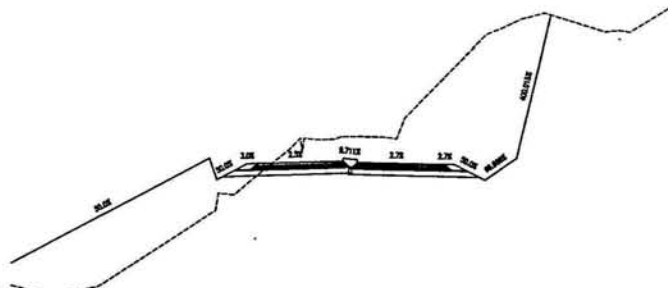
Level Datum +401.000											
Design Levels											
Design Offset											
Existing Ground Levels	32.000	32.000	32.000	32.000	32.000	32.000	32.000	32.000	32.000	32.000	32.000
Existing Ground Offset											

Chiragudi +401.000.000



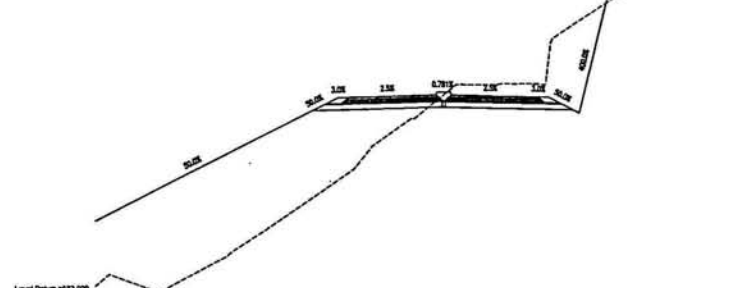
Level Datum +402.000											
Design Levels											
Design Offset											
Existing Ground Levels	32.000	32.000	32.000	32.000	32.000	32.000	32.000	32.000	32.000	32.000	32.000
Existing Ground Offset											

Chiragudi +402.000.000



Level Datum +401.500											
Design Levels											
Design Offset											
Existing Ground Levels	32.000	32.000	32.000	32.000	32.000	32.000	32.000	32.000	32.000	32.000	32.000
Existing Ground Offset											

Chiragudi +401.500.000



Level Datum +402.500											
Design Levels											
Design Offset											
Existing Ground Levels	32.000	32.000	32.000	32.000	32.000	32.000	32.000	32.000	32.000	32.000	32.000
Existing Ground Offset											

Chiragudi +402.500.000

Note: Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 7 lane road to 4 lane divided Category classification of Service - Urban type section of NH-14 A from 0.00 to Km 06.00 including Jarring/Purif/Signage and Utilitarian bypass Phase - II Programme of North-South corridor Project, Contract Package C-0119

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title:
 CROSS SECTION
 CH. 401.00.000 TO 402.50.000

Drawing No. : SWM/1019/ROADS/CS - 198

Scale : NOT TO BE SCALED

Drn : KLN

Dgn : K.PRASAD

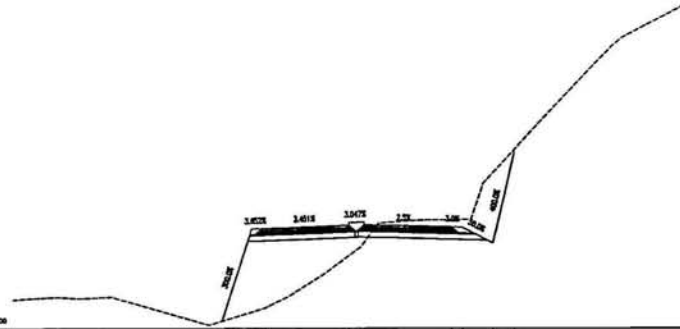
Appd : BRG.C.D.PURB

Date : JUNE-2009

Sheet :
 1 OF 1

Scott Wilson India Private Limited
 A-26/4, MOHAN CO-OPERATIVE IND. ESTATE
 NATHURAM ROAD
 NEW DELHI - 110044
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 E-mail: s.windia@gmail.com

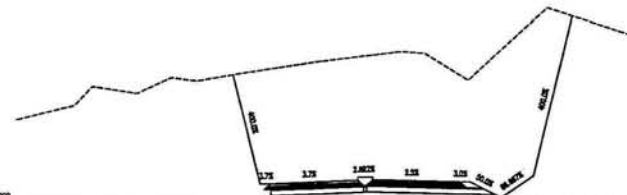




Level Datum =+541.200

Design Levels	-52.00	-51.00	-50.50	-50.00	-49.50	-49.00	-48.50	-48.00	-47.50	-47.00	-46.50	-46.00	-45.50	-45.00	-44.50	-44.00	-43.50	-43.00
Design Offset																		
Existing Ground Levels	-52.20	-51.20	-50.70	-50.20	-49.70	-49.20	-48.70	-48.20	-47.70	-47.20	-46.70	-46.20	-45.70	-45.20	-44.70	-44.20	-43.70	-43.20
Existing Ground Offset																		

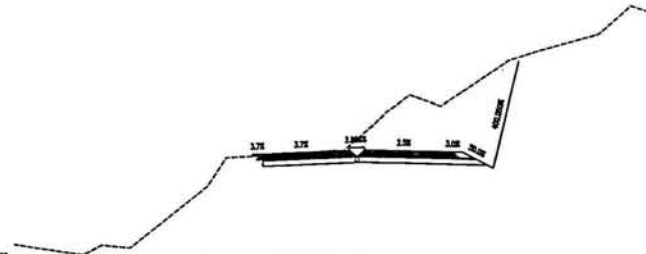
Chainage = 40300.000



Level Datum =+598.000

Design Levels	-61.00	-60.00	-59.50	-59.00	-58.50	-58.00	-57.50	-57.00	-56.50	-56.00	-55.50	-55.00	-54.50	-54.00	-53.50	-53.00	-52.50	-52.00
Design Offset																		
Existing Ground Levels	-61.50	-60.50	-60.00	-59.50	-59.00	-58.50	-58.00	-57.50	-57.00	-56.50	-56.00	-55.50	-55.00	-54.50	-54.00	-53.50	-53.00	-52.50
Existing Ground Offset																		

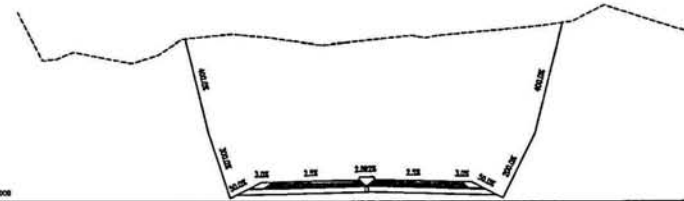
Chainage = 40400.000



Level Datum =+560.200

Design Levels	-54.00	-53.00	-52.50	-52.00	-51.50	-51.00	-50.50	-50.00	-49.50	-49.00	-48.50	-48.00	-47.50	-47.00	-46.50	-46.00	-45.50	-45.00
Design Offset																		
Existing Ground Levels	-54.50	-53.50	-53.00	-52.50	-52.00	-51.50	-51.00	-50.50	-50.00	-49.50	-49.00	-48.50	-48.00	-47.50	-47.00	-46.50	-46.00	-45.50
Existing Ground Offset																		

Chainage = 40350.000



Level Datum =+600.000

Design Levels	-63.00	-62.00	-61.50	-61.00	-60.50	-60.00	-59.50	-59.00	-58.50	-58.00	-57.50	-57.00	-56.50	-56.00	-55.50	-55.00	-54.50	-54.00
Design Offset																		
Existing Ground Levels	-63.50	-62.50	-62.00	-61.50	-61.00	-60.50	-60.00	-59.50	-59.00	-58.50	-58.00	-57.50	-57.00	-56.50	-56.00	-55.50	-55.00	-54.50
Existing Ground Offset																		

Chainage = 40450.000

Note:- Levels shown are wet assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Cartageway corridor of Jaipur - Udaipur section of NH-11A. (km 0.00 to km 66.00) including Jammu (Part) Nagada and Udaipur Bypass Phase - III Programme of North-South corridor Project. Contract Package C-078

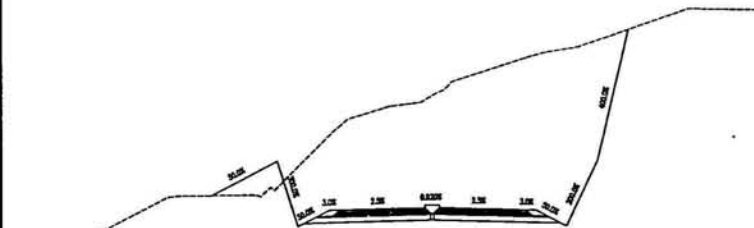
This drawing shall be prepared in accordance with the specifications and standards of the Ministry of Shipping, Road Transport & Highways and shall be used for the purpose of construction and maintenance of the road. The Engineer shall be responsible for the design and construction of the road and shall not be held responsible for any damage to the road or any other structure or property. The Engineer shall be responsible for the design and construction of the road and shall not be held responsible for any damage to the road or any other structure or property.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: **CROSS SECTION**
CH. 40300.000 TO 40450.000
 Drawing No.: **SW/1019/ROADS/CS - 199** Sheet:
 Scale :- **NOT TO BE SCALED**
 Dn: **K.L.N** Dgn: **K.PRASAD** Appd: **BRS.C.D.PURI** Date: **JUNE-2009**

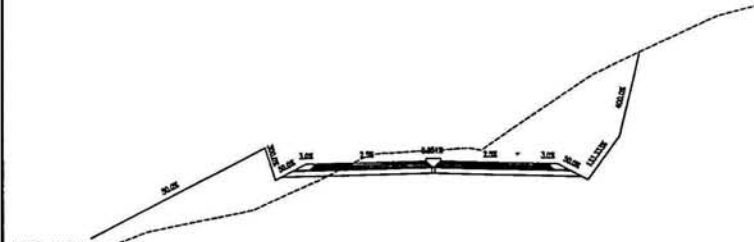
Scott, Wilson India Private Limited
 A-26/54, MOHAN CO-OPERATIVE IND. ESTATE
 MATHURA ROAD
 NEW DELHI - 110044
 Tele: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: swi@scottwilson.com





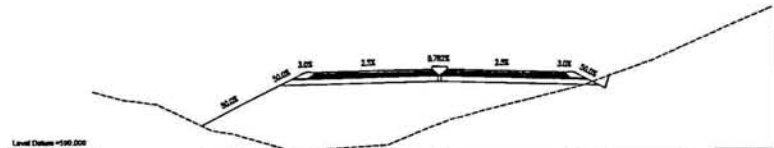
Level Datum +594.000	
Design Levels	
Design Offset	
Existing Ground Levels	
Existing Ground Offset	

Chirnage = 40750.000



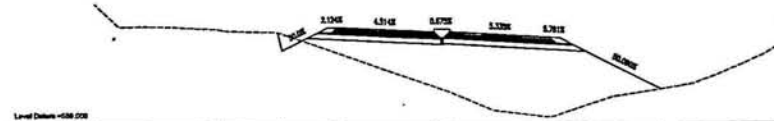
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Design Levels	
Design Offset	
Existing Ground Levels	
Existing Ground Offset	

Chirnage = 40900.000



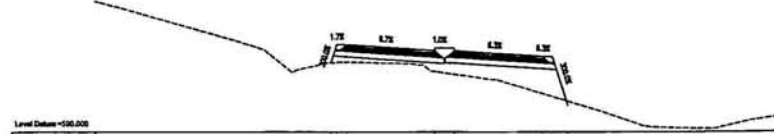
Level Datum +590.000	
Design Levels	
Design Offset	
Existing Ground Levels	
Existing Ground Offset	

Chirnage = 40850.000



Level Datum +588.000	
Design Levels	
Design Offset	
Existing Ground Levels	
Existing Ground Offset	

Chirnage = 40900.000



Level Datum +595.000	
Design Levels	
Design Offset	
Existing Ground Levels	
Existing Ground Offset	

Chirnage = 40950.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A from 13.00 to 13.00 km including Jammu(U.P) Bypass and Udhampur Bypass Phase - II Programme of North-South - western Project Contract Package C218

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

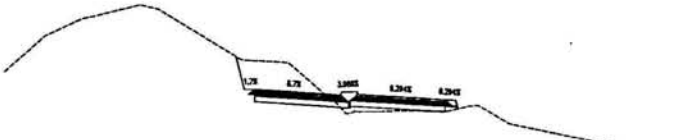
Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
 CH. 40750.000 TO 40950.000
Drawing No.: SW/101/ROADS/CS - 201
Scale: NOT TO BE SCALED
Date: JUNE-2009

Scott Wilson India Private Limited
 214, NEW MARKET CO-OPERATIVE IND. EST. WARDHA ROAD, NEW DELHI - 110044
 Tel: (011) 41679340 - 49
 Fax: (011) 41679350
 Email: info@swi.com



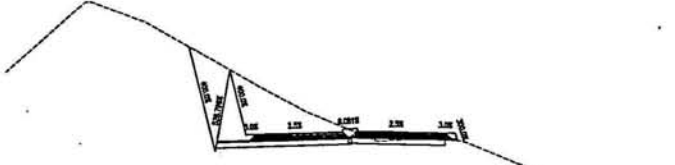
284



Level Datum +581.000

Design Levels	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177
Design Offset	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
Existing Ground Levels	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177
Existing Ground Offset	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000

Chainage = 41000.000



Level Datum +591.000

Design Levels	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177
Design Offset	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
Existing Ground Levels	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177
Existing Ground Offset	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000

Chainage = 41000.000



Level Datum +582.000

Design Levels	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177
Design Offset	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
Existing Ground Levels	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177
Existing Ground Offset	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000

Chainage = 41100.000



Level Datum +583.000

Design Levels	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177
Design Offset	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
Existing Ground Levels	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177
Existing Ground Offset	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000

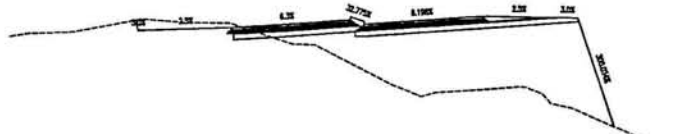
Chainage = 41150.000



Level Datum +590.000

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Design Offset	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
Existing Ground Levels	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177
Existing Ground Offset	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000

Chainage = 41200.000



Level Datum +581.000

Design Levels	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177
Design Offset	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
Existing Ground Levels	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177	862.177
Existing Ground Offset	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000

Chainage = 41250.000

Note:- Levels shown are not measured datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1 A (km 0.00 to km 66.00) including Jammu(Ur) bypass and Udhampur Bypass Phase - II Programme of North-South Corridor Project, Contract Package C-0878

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Client
 NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
 CH. 41000.000 TO 41250.000

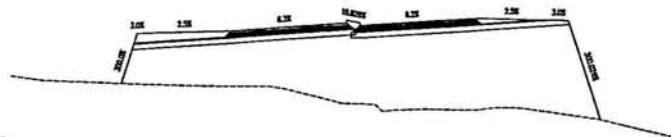
Drawing No.: SW/1019/ROADS/CS - 202
Scale: NOT TO BE SCALED

Drn: K.L.N
Dgn: K.PRASAD
Appd: BRD.C.D.PUR
Date: JUNE-2009

Sheet:
 NEW DCH# - 110044
 NEW DCH# - 110044
 Tel: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: www68@piil.com

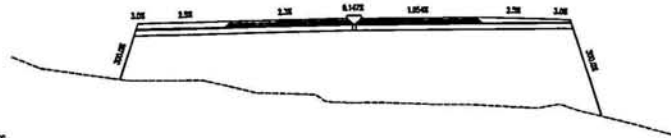


28C



Level Datum +594.000	
Design Levels	-11.640 584.975 -10.200 584.500 -10.000 584.000 -11.000 584.000
Design Offset	
Existing Ground Levels	-13.200 584.875 -12.000 584.500 -11.000 584.000 -10.000 584.000
Existing Ground Offset	-3.800 584.875 -1.800 584.500 -1.000 584.000 -1.000 584.000

Chirage = 41300.000



Level Datum +594.000	
Design Levels	-11.771 583.131 -10.000 583.215 -11.000 583.215 -11.000 583.215
Design Offset	
Existing Ground Levels	-13.000 583.300 -12.000 583.300 -11.000 583.300 -10.000 583.300
Existing Ground Offset	-1.229 583.300 -2.000 583.300 -3.000 583.300 -3.000 583.300

Chirage = 41300.000



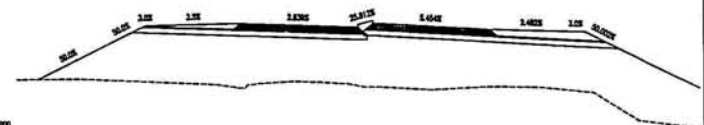
Level Datum +594.000	
Design Levels	-10.000 582.000 -10.000 582.000 -10.000 582.000 -10.000 582.000
Design Offset	
Existing Ground Levels	-11.500 582.400 -10.500 582.400 -10.000 582.400 -10.000 582.400
Existing Ground Offset	-1.500 582.400 -0.500 582.400 -0.000 582.400 -0.000 582.400

Chirage = 41400.000



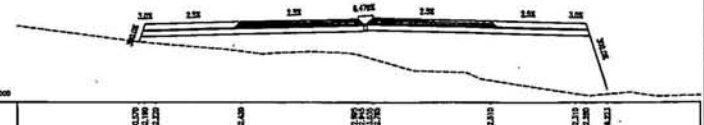
Level Datum +592.000	
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Design Offset	
Existing Ground Levels	-11.500 582.400 -10.500 582.400 -10.000 582.400 -10.000 582.400
Existing Ground Offset	-1.500 582.400 -0.500 582.400 -0.000 582.400 -0.000 582.400

Chirage = 41400.000



Level Datum +594.000	
Design Levels	-11.000 583.000 -10.000 583.000 -11.000 583.000 -11.000 583.000
Design Offset	
Existing Ground Levels	-12.500 583.400 -11.500 583.400 -10.000 583.400 -10.000 583.400
Existing Ground Offset	-1.500 583.400 -1.500 583.400 -1.000 583.400 -1.000 583.400

Chirage = 41500.000



Level Datum +595.000	
Design Levels	-10.000 582.000 -10.000 582.000 -10.000 582.000 -10.000 582.000
Design Offset	
Existing Ground Levels	-11.500 582.400 -10.500 582.400 -10.000 582.400 -10.000 582.400
Existing Ground Offset	-1.500 582.400 -0.500 582.400 -0.000 582.400 -0.000 582.400

Chirage = 41500.000

Note:- Levels shown are self assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2 lane road to 4 lane divided. Contracting configuration of Jammu - Udhampur section of NH-1A (km 0.00 to km 98.00) including Jammu-Udhampur Bypass and Udhampur Bypass Phase-II Programme of North-South corridor Project, Contract Package C-0118

Client
 NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
 CH. 41300.000 TO 41550.000

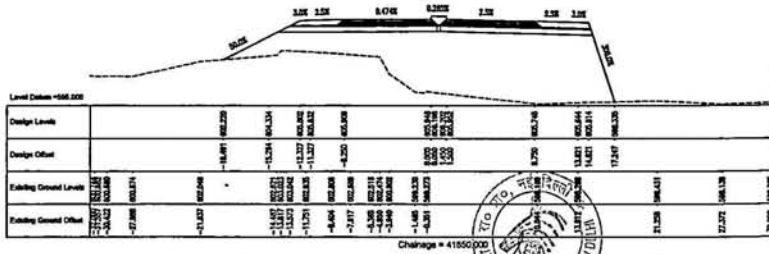
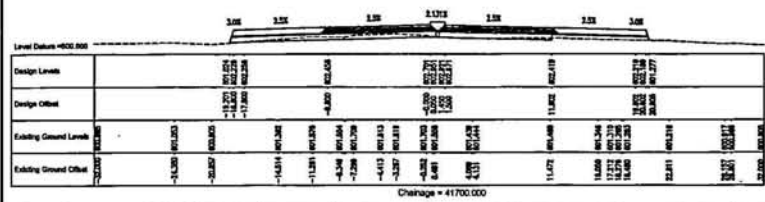
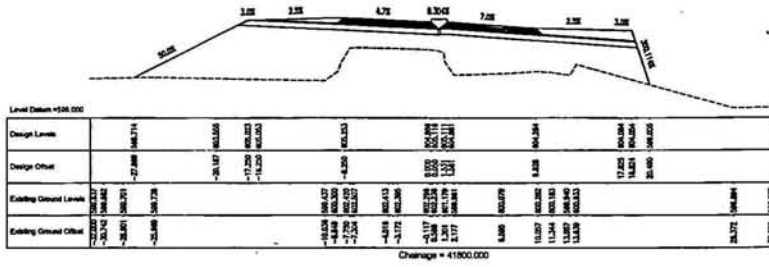
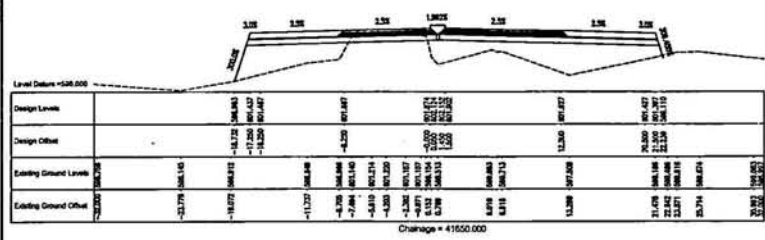
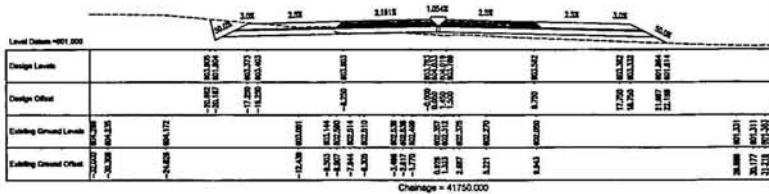
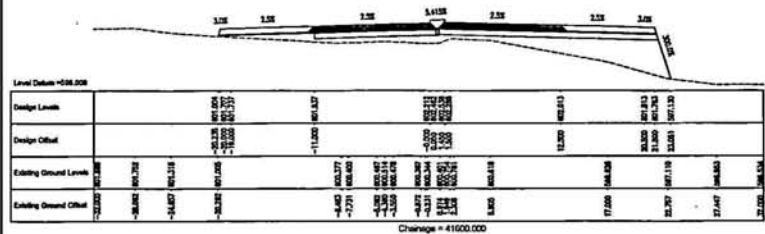
Drawing No.: SW/H/019/ROADS/CS - 203

Scale: NOT TO BE SCALED

Drn: K.L.N. **Dgn:** R.PRASAD **Apvd:** BRG.C.D.PURI **Date:** JUNE-2009

Wilson India Private Limited
 NEW DELHI - 110044
 Tel: (011) 41679340 - 49
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 E-mail: wipro@wilson.com





Note: Levels shown are not assumed datum.

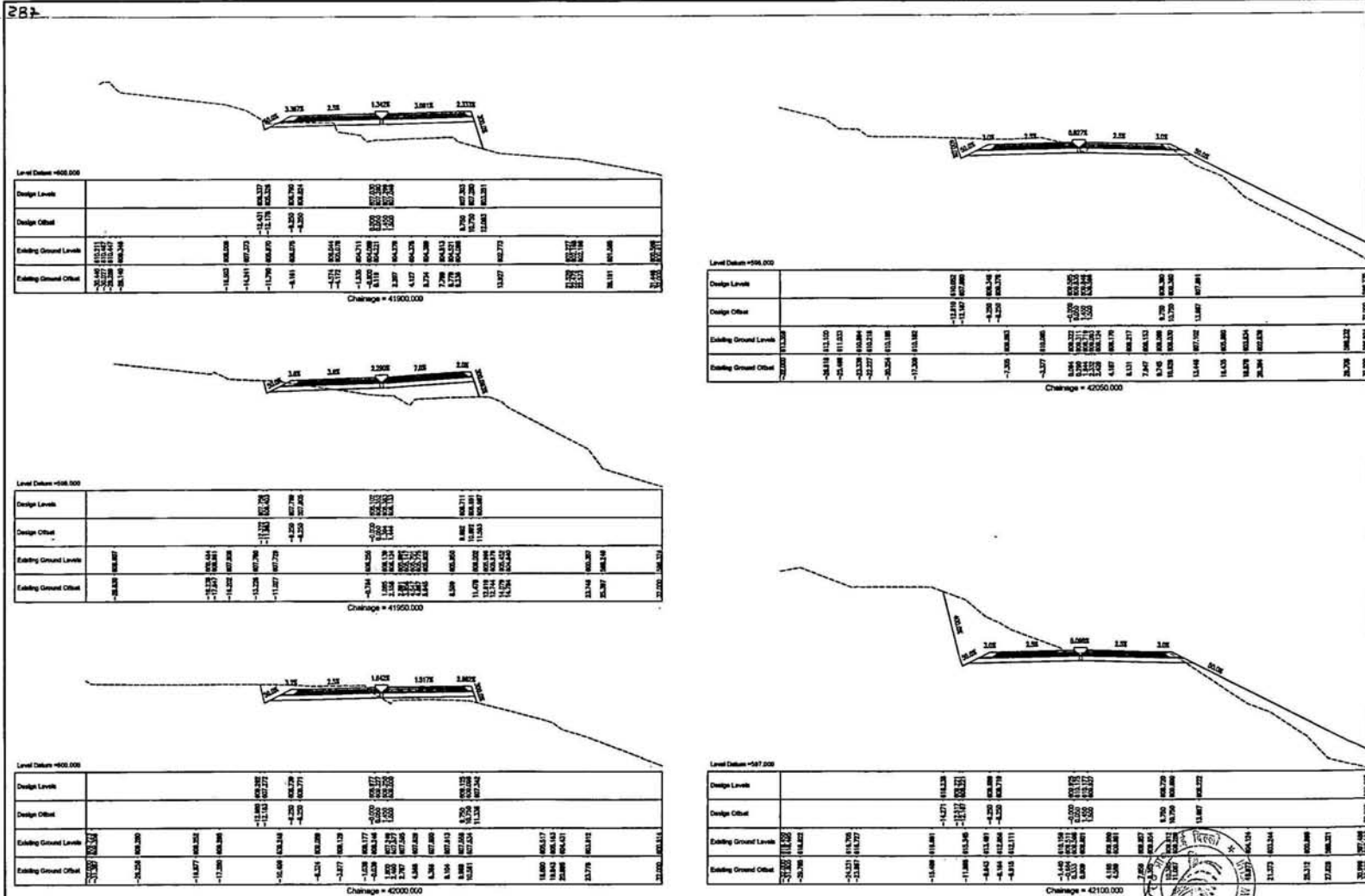
Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jaipur - Udaipur section of NH-1A (Km 0.00 to Km 96.00) including Jaipur(4+2) Bypass and Udaipur Bypass Phase - II Programme of North-South - corridor Project, Contract Package C-019.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 41600.000 TO 41850.000
Drawing No.: SW/1019/ROADS/CS-204
Scale: NOT TO BE SCALED
Dir: K.L.N **Dgn:** K.PRASAD **Appd:** BRIG.C.D.PURI
Date: JUNE-2009

Client: SCS Wilson India Private Limited
T-26, MOHAN CO-OPERATIVE IND. ESTATE
MATHURA ROAD
NEW DELHI - 110044
Tel: (011) 41679340 - 49
Fax: (011) 41679350
E-mail: sw@scsindia.com





Note:- Levels shown are not measured data.

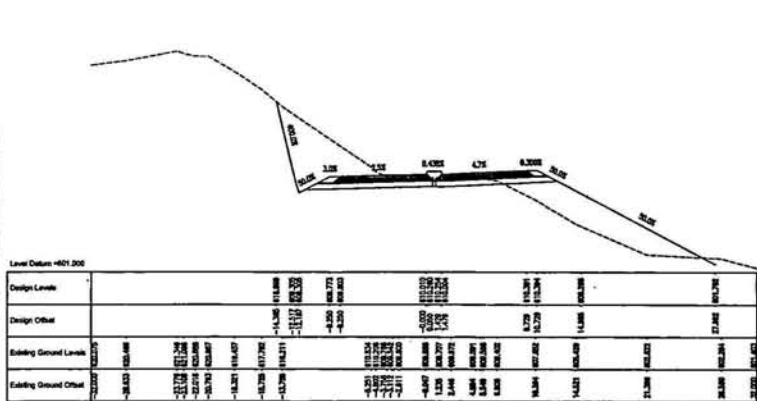
Project Title
 Consulting services for preparation of detailed project report for Rehabilitation and upgrading of existing 7 lane road to 4 lane divided Category 1 road of length of 1.000 km in the vicinity of Jambhri - Dahanu section of NH-14 A from 0.00 to 1.000 km including Jambhri Bypass and Dahanu Bypass Phase - II Programme of North-South corridor Project, Contract Package C-0918

Client
 NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

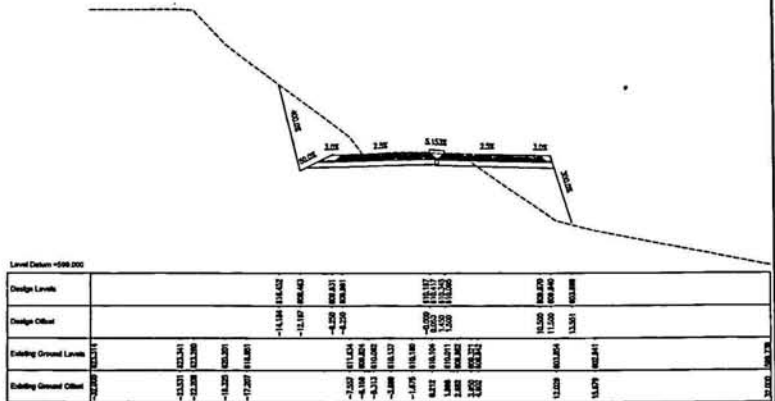
Drawing Title: CROSS SECTION CH. 41900.000 TO 42100.000
 Drawing No.: SWH1019/ROADS/CS-205 Sheet :
 Scale: NOT TO BE SCALED
 Dn: K.L.N. Dgn: K.PRASAD Appd: BRG.C.D.PUR Date: JUNE-2009

Scott Wilson India Private Limited
 226/A, MOHAN CO-OPERATIVE IND. ESTATE
 MATHERA ROAD
 NEW DELHI - 110044
 Tel: (011) 41678340 - 49
 Fax: (011) 41678350
 E-mail: swinfo@swi.com

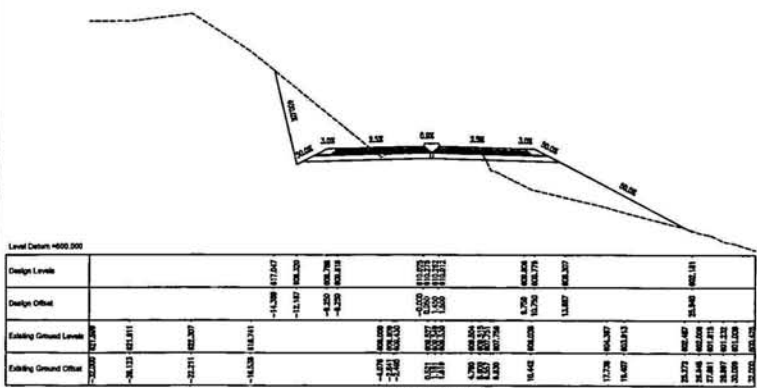
Seal of National Highway Authority of India, New Delhi.



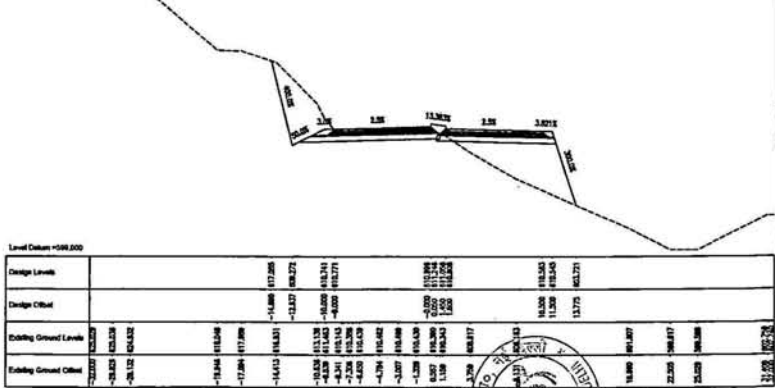
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Chaiage = 42250.000



Chaiage = 42200.000



Chaiage = 42300.000

Note:- Levels shown are not assumed datum.

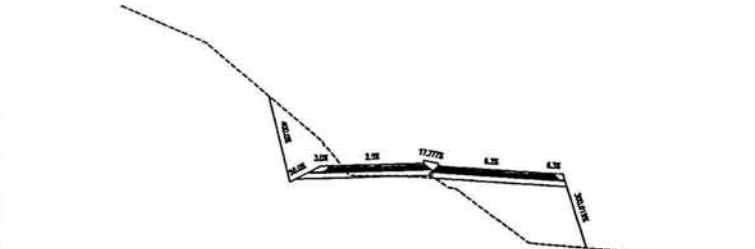
Project Title
 Consulting services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of James - Udayapur section of NH-1A (km 0.0 to km 86.00) including Jamma(Pur) Nagru and Udayapur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-0918

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 42150.000 TO 42300.000
Drawing No.: SW/1019/ROADS/CS - 206
Scale: NOT TO BE SCALED
Dr: K.L.N **Dep:** K.PRASAD **Appd:** BRG.C.D.PUR
Date: JUNE-2009

Scott Wilson India Private Limited
 A-26/46 JOHAN CO-OPERATIVE IND. ESTAT
 MATHURA ROAD
 NEW DELHI - 110044
Tel: (011) 41679340 - 49
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E-mail: info@swindia.com

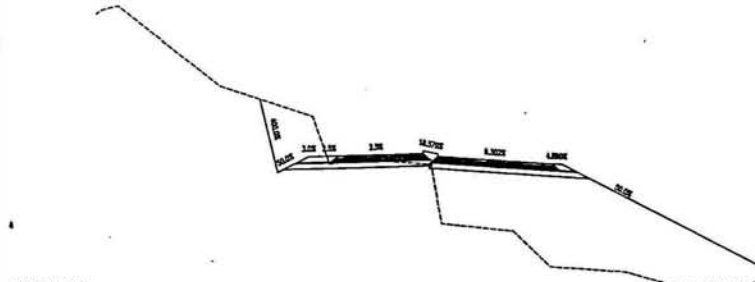




Level Datum +605.000

Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

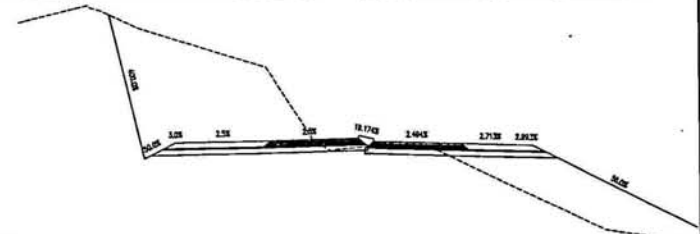
Chirnage = 42550.000



Level Datum +607.000

Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chirnage = 42400.000



Level Datum +605.000

Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chirnage = 42450.000



Level Datum +609.000

Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chirnage = 42500.000



Level Datum +613.000

Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chirnage = 42500.000

Note:- Levels shown are assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 7 lane road to 4 lane divided Carriageway configuration of Jammu - Udhampur section of NH-1A from 0+00 to km 66+00 including Jammu(Pur) Nagaria and Udhampur bypass Phase - B Programme of North - South corridor Project, Contract Package C-2818

Scale
 NOT TO BE SCALED

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 42350.000 TO 42550.000
Drawing No.: SWH/1019/ROADS/CS - 207
Scale: NOT TO BE SCALED
Drn: KLN
Dgn: M.PRASAD
Appd: BROJ.C.D.PUR
Date: JUNE-2009

Client: Scott Wilson India Private Limited
 A-28/A, MOHAN CO-OPERATIVE IND. ESTATE MAHURA ROAD
 NEW DELHI - 110044
 Tel: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: scwilson@rediffmail.com





Level Datum +814.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chirage = 42900.000



Level Datum +812.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chirage = 42900.000



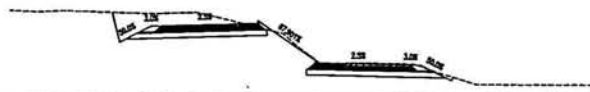
Level Datum +810.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chirage = 43000.000



Level Datum +817.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chirage = 43000.000



Level Datum +821.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chirage = 43100.000



Level Datum +825.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chirage = 43150.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of January - October section of NH-14 A from 1.00 to 1.05 (KM) including drainage (P&I) heights and (Minimum Types) Phase - II Programme of North-South Corridor Project, Contract Package C-018

The client is not responsible for the accuracy of the data provided and the design is based on the data provided. The design is for general guidance only and is not to be used for construction without the approval of the client. The design is for general guidance only and is not to be used for construction without the approval of the client.

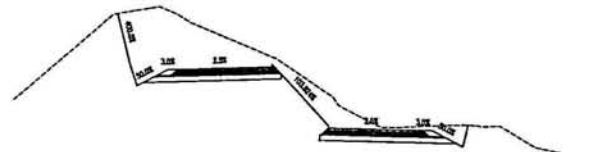
Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title:
 CROSS SECTION
 CH. 42900.000 TO 43150.000
 Drawing No.: SWW1019/ROADS/CS - 209
 Scale: NOT TO BE SCALED
 Dn: K.L.N
 Dgn: K.PRASAD
 Appd: BRG.C.D.PUR
 Date: JUNE-2009



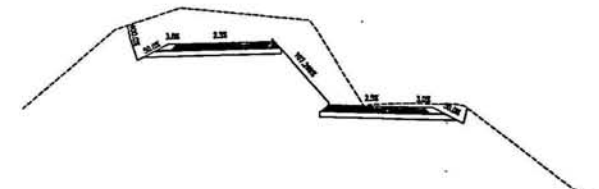
Scott Wilson India Private Limited
 MOHAN CO-OPERATIVE IND. ESTATE
 WARRAJA ROAD
 NEW DELHI - 110044
 Tel: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: info@scw.com





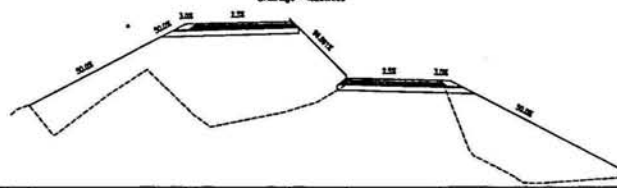
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Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 43200.000



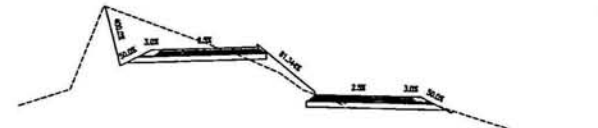
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Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 43250.000



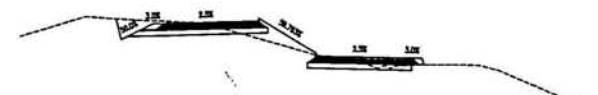
Level Datum +417.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 43300.000



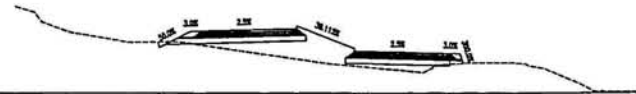
Level Datum +423.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 43350.000



Level Datum +423.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 43400.000



Level Datum +425.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chainage = 43450.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for
 Rehabilitation and upgrading of existing 2-lane road to 4-lane divided
 carriageway configuration of Jaunpur - Udhampur section of NH-1A
 from 2.00 to 5.76 (6.00) including Jaunpur/Barhi Bypass and Udhampur
 Bypass Phase - II Programme of North - South - corridor Project,
 Contract Package C-8/18

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 responsible for any errors or omissions in this drawing.
 Public Utility Vehicle (PUV) and other vehicles shall not be
 allowed to use the road.

Client
**NATIONAL HIGHWAYS
 AUTHORITY OF INDIA**
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title:
**CROSS SECTION
 CH. 43200.000 TO 43450.000**

Drawing No. : SW/1019/ROADSCS - 210
 Scale :- NOT TO BE SCALED
 Dn. : K.L.N. Appd : K.PRASAD Date : JUNE-2009
 BNG.C.D.PURD

Stamp: SCOTT WILSON INDIA PRIVATE LIMITED
 NEW DELHI - 110044
 Tel: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail : scottwilson@gmail.com

Stamp: SCOTT WILSON INDIA PRIVATE LIMITED
 NEW DELHI - 110044



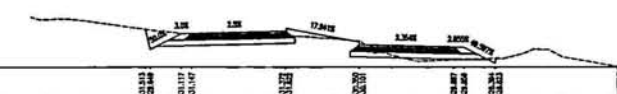
Level Datum +627.000										
Design Levels				11.03	11.03	11.03	11.03	11.03	11.03	11.03
Design Offset				-11.03	-11.03	-11.03	-11.03	-11.03	-11.03	-11.03
Existing Ground Levels	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05
Existing Ground Offset	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05

Chainage = 43500.000



Level Datum +625.000										
Design Levels				11.03	11.03	11.03	11.03	11.03	11.03	11.03
Design Offset				-11.03	-11.03	-11.03	-11.03	-11.03	-11.03	-11.03
Existing Ground Levels	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05
Existing Ground Offset	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05

Chainage = 43650.000



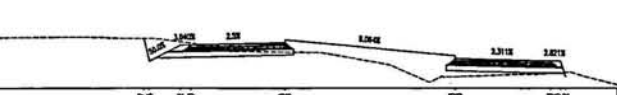
Level Datum +626.000										
Design Levels				11.03	11.03	11.03	11.03	11.03	11.03	11.03
Design Offset				-11.03	-11.03	-11.03	-11.03	-11.03	-11.03	-11.03
Existing Ground Levels	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05
Existing Ground Offset	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05

Chainage = 43550.000



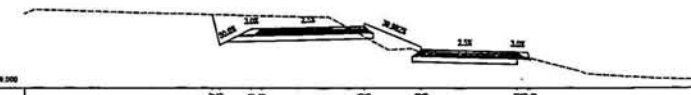
Level Datum +627.000										
Design Levels				11.03	11.03	11.03	11.03	11.03	11.03	11.03
Design Offset				-11.03	-11.03	-11.03	-11.03	-11.03	-11.03	-11.03
Existing Ground Levels	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05
Existing Ground Offset	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05

Chainage = 43700.000



Level Datum +628.000										
Design Levels				11.03	11.03	11.03	11.03	11.03	11.03	11.03
Design Offset				-11.03	-11.03	-11.03	-11.03	-11.03	-11.03	-11.03
Existing Ground Levels	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05
Existing Ground Offset	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05

Chainage = 43800.000



Level Datum +629.000										
Design Levels				11.03	11.03	11.03	11.03	11.03	11.03	11.03
Design Offset				-11.03	-11.03	-11.03	-11.03	-11.03	-11.03	-11.03
Existing Ground Levels	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05
Existing Ground Offset	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05	-18.05

Chainage = 43750.000

Note:-
Levels shown are as assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1A (km 5.00 to km 68.00) including Jammu(Pur) Bypass and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-0718

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Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title:
CROSS SECTION
CH. 43500.000 TO 43750.000


Drawing No.: SW/1019/ROADS/CS - 211
Scale: NOT TO BE SCALED

Dr: K.L.N. Dgn: K.PRASAD Appd: BING.C.D.PUR Date: JUNE-2009

SCIL Wilson India Private Limited
A-27/A, WISMAN CO-OPERATIVE IND. ESTATE
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NEW DELHI - 110044
Tel: (011) 41679340 - 49
Fax: (011) 41679350
E-mail: telex@scil.com




Level Datum +31.000



Design Levels	-15.94	14.00																					
Design Offset		-15.97	14.03	14.06	14.09	14.12	14.15	14.18	14.21	14.24	14.27	14.30	14.33	14.36	14.39	14.42	14.45	14.48	14.51	14.54	14.57	14.60	
Existing Ground Levels																							
Existing Ground Offset	-16.28	13.72																					

Chirriage = 43800.000


Level Datum +31.000



Design Levels																							
Design Offset		-13.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	
Existing Ground Levels	15.11	14.25	14.38	14.51	14.64	14.77	14.90	15.03	15.16	15.29	15.42	15.55	15.68	15.81	15.94	16.07	16.20	16.33	16.46	16.59	16.72	16.85	
Existing Ground Offset	-15.21	13.75	13.62	13.49	13.36	13.23	13.10	12.97	12.84	12.71	12.58	12.45	12.32	12.19	12.06	11.93	11.80	11.67	11.54	11.41	11.28	11.15	

Chirriage = 43650.000

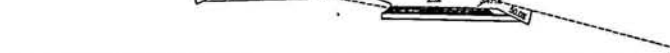
Level Datum +32.000



Design Levels																							
Design Offset		-13.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	
Existing Ground Levels	15.11	14.25	14.38	14.51	14.64	14.77	14.90	15.03	15.16	15.29	15.42	15.55	15.68	15.81	15.94	16.07	16.20	16.33	16.46	16.59	16.72	16.85	
Existing Ground Offset	-15.21	13.75	13.62	13.49	13.36	13.23	13.10	12.97	12.84	12.71	12.58	12.45	12.32	12.19	12.06	11.93	11.80	11.67	11.54	11.41	11.28	11.15	

Chirriage = 43900.000


Level Datum +32.000



Design Levels																							
Design Offset		-15.97	14.03	14.06	14.09	14.12	14.15	14.18	14.21	14.24	14.27	14.30	14.33	14.36	14.39	14.42	14.45	14.48	14.51	14.54	14.57	14.60	
Existing Ground Levels																							
Existing Ground Offset	-16.31	13.69																					

Chirriage = 43950.000


Level Datum +32.000



Design Levels																							
Design Offset		-13.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	
Existing Ground Levels	15.11	14.25	14.38	14.51	14.64	14.77	14.90	15.03	15.16	15.29	15.42	15.55	15.68	15.81	15.94	16.07	16.20	16.33	16.46	16.59	16.72	16.85	
Existing Ground Offset	-15.21	13.75	13.62	13.49	13.36	13.23	13.10	12.97	12.84	12.71	12.58	12.45	12.32	12.19	12.06	11.93	11.80	11.67	11.54	11.41	11.28	11.15	

Chirriage = 44000.000

Level Datum +32.000



Design Levels																							
Design Offset		-13.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	
Existing Ground Levels	15.11	14.25	14.38	14.51	14.64	14.77	14.90	15.03	15.16	15.29	15.42	15.55	15.68	15.81	15.94	16.07	16.20	16.33	16.46	16.59	16.72	16.85	
Existing Ground Offset	-15.21	13.75	13.62	13.49	13.36	13.23	13.10	12.97	12.84	12.71	12.58	12.45	12.32	12.19	12.06	11.93	11.80	11.67	11.54	11.41	11.28	11.15	

Chirriage = 44050.000

Note:- Levels shown are set assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jamnara - Doharwar section of NH-14 A from 5.00 km to 16.00 km including Jamnara Purli Negotia and Udharpur Nagpur Phase-II Programme of North-East corridor Project, Contract Package C-819

Drawn by: K. PRASAD
Checked by: K. PRASAD
Scale: NOT TO BE SCALED
Date: JUNE-2009

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 43800.000 TO 44050.000
Drawing No.: SW/1019/ROADSCS - 212
Scale: NOT TO BE SCALED
City: K.L.N. Dist: K.PRASAD BRIG.C.D.PUR

Scott Wilson India Private Limited
A-2674 MOHAN CO-OPERATIVE IND. ESTATE
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Tel: (011) 4167340 - 49
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E-mail: swi@swiindia.com





Level Datum = 429.000

Design Levels														
Design Offset														
Existing Ground Levels	283.00	283.54	283.73	283.76	283.72	283.72	283.72	283.72	283.72	283.72	283.72	283.72	283.72	283.72
Existing Ground Offset	-15.00	-15.04	-15.27	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04

Chirnage = 44100.000



Level Datum = 431.000

Design Levels														
Design Offset														
Existing Ground Levels	278.00	278.14	278.25	278.25	278.25	278.25	278.25	278.25	278.25	278.25	278.25	278.25	278.25	278.25
Existing Ground Offset	-53.00	-52.86	-52.75	-52.75	-52.75	-52.75	-52.75	-52.75	-52.75	-52.75	-52.75	-52.75	-52.75	-52.75

Chirnage = 44100.000



Level Datum = 433.000

Design Levels														
Design Offset														
Existing Ground Levels	283.00	283.54	283.73	283.76	283.72	283.72	283.72	283.72	283.72	283.72	283.72	283.72	283.72	283.72
Existing Ground Offset	-15.00	-15.04	-15.27	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04

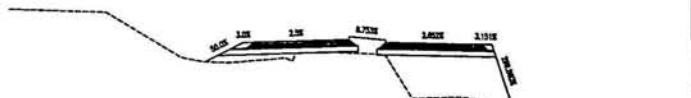
Chirnage = 44200.000



Level Datum = 424.000

Design Levels														
Design Offset														
Existing Ground Levels	283.00	283.54	283.73	283.76	283.72	283.72	283.72	283.72	283.72	283.72	283.72	283.72	283.72	283.72
Existing Ground Offset	-15.00	-15.04	-15.27	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04

Chirnage = 44250.000



Level Datum = 432.000

Design Levels														
Design Offset														
Existing Ground Levels	278.00	278.14	278.25	278.25	278.25	278.25	278.25	278.25	278.25	278.25	278.25	278.25	278.25	278.25
Existing Ground Offset	-53.00	-52.86	-52.75	-52.75	-52.75	-52.75	-52.75	-52.75	-52.75	-52.75	-52.75	-52.75	-52.75	-52.75

Chirnage = 44300.000



Level Datum = 427.000

Design Levels														
Design Offset														
Existing Ground Levels	283.00	283.54	283.73	283.76	283.72	283.72	283.72	283.72	283.72	283.72	283.72	283.72	283.72	283.72
Existing Ground Offset	-15.00	-15.04	-15.27	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04	-15.04

Chirnage = 44350.000

Note:- Levels shown are set assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for
 Rehabilitation and upgrading of existing 2-lane road to 4-lane divided
 Category III configuration of Jamnara - Udhampur section of NH-1A
 Km 0.00 to Km 16.00 including Jamnara/Parli Interchange and Udhampur
 bypass Phase - II Programme of North - South - Corridor Project
 Contract Package C-2018

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 For any queries, please contact the consultants at the address mentioned below.

Client
**NATIONAL HIGHWAYS
 AUTHORITY OF INDIA**
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title:
 CROSS SECTION
 CH. 44100.000 TO 44350.000
 Drawing No.: SW/101/ROADSCS - 213
 Scale :- NOT TO BE SCALED
 Dn: K.L.N Dgn: K.PRASAD Appd: BRIG.C.D.PUR Date: JUNE-2009

Scott Wilson India Private Limited
 A-28/4
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 E-mail: s.windco@swil.com



Level Datum +438.000

Design Levels															
Design Offset															
Existing Ground Levels															
Existing Ground Offset															

Chaiirage = 44400.000



Level Datum +441.000

Design Levels															
Design Offset															
Existing Ground Levels															
Existing Ground Offset															

Chaiirage = 44500.000



Level Datum +438.000

Design Levels															
Design Offset															
Existing Ground Levels															
Existing Ground Offset															

Chaiirage = 44500.000

Note:- Levels shown are not assumed datum.

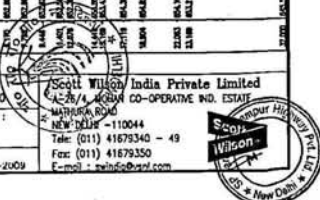
Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2 lane road to 4 lane divided Carriageway configuration of Jammu - Udhampur section of NH-11 A (A=1.0.0 to km 95.00) including Jammu/Parit Margins and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-8/18

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Client
NATIONAL HIGHWAYS
AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
 CH. 44400.000 TO 44650.000
Drawing No.: SW/1019/ROADS/CS - 214
 Scale :- NOT TO BE SCALED
Drn KLN **Dgn.** K.PRASAD **Appd** BRG.C.D.PUR **Date** JUNE-2009

Scott Wilson India Private Limited
 A-28/A, MANSAROVAR CO-OPERATIVE IND. ESTATE
 MATRUHA ROAD
 NEW DELHI - 110044
 Tel: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: info@swi.co.in



Level Datum +445.000

Design Levels															
Design Offset															
Existing Ground Levels															
Existing Ground Offset															

Chaiirage = 44550.000



Level Datum +447.000

Design Levels															
Design Offset															
Existing Ground Levels															
Existing Ground Offset															

Chaiirage = 44600.000

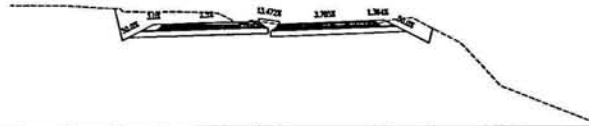


Level Datum +445.000

Design Levels															
Design Offset															
Existing Ground Levels															
Existing Ground Offset															

Chaiirage = 44650.000





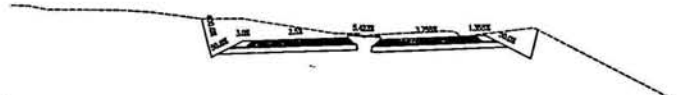
Level Datum +643.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chiragge = 44700.000



Level Datum +643.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chiragge = 44650.000



Level Datum +649.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chiragge = 44750.000



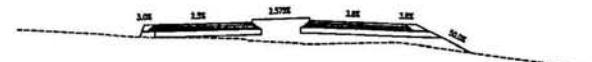
Level Datum +652.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chiragge = 44800.000



Level Datum +652.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chiragge = 44800.000



Level Datum +654.000										
Design Levels										
Design Offset										
Existing Ground Levels										
Existing Ground Offset										

Chiragge = 44950.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2 lane road to 4 lane divided Carriageway configuration of Jarawa - Uthampur section of NH-14 A (km 0.00 to km 06.00) including Jarawa/Part Jarawa and Uthampur Bypass Phase - III Programme of North - South - corridor Project, Contract Package C-0118

The undersigned hereby certifies that the design and construction of the project has been carried out in accordance with the specifications and standards of the Ministry of Shipping, Road Transport & Highways, Government of India.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title:
 CROSS SECTION
 CH. 44700.000 TO 44950.000
 Drawing No. : SW/1019/ROADS/CS - 215
 Scale :- NOT TO BE SCALED
 Dn: KLN
 Dgn: K.PRASAD
 Appd: BIRG.C.D.PUR
 Date: JUNE-2009

Seal of Scoil Wilson India Private Limited
 A-26/A/ MOHAN CO-OPERATIVE IND. ESTATE
 MATHURA ROAD
 NEW DELHI - 110044
 Tele: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail : seaind@rediffmail.com



Land Chain = 4515.000

Design Level	14.000	14.000	14.000	14.000
Design Chnl	14.000	14.000	14.000	14.000
Existing Ground Level	14.000	14.000	14.000	14.000
Existing Ground Chnl	14.000	14.000	14.000	14.000

Change = 45000.000

Land Chain = 4515.000

Design Level	14.000	14.000	14.000	14.000
Design Chnl	14.000	14.000	14.000	14.000
Existing Ground Level	14.000	14.000	14.000	14.000
Existing Ground Chnl	14.000	14.000	14.000	14.000

Change = 45000.000

Land Chain = 4515.000

Design Level	14.000	14.000	14.000	14.000
Design Chnl	14.000	14.000	14.000	14.000
Existing Ground Level	14.000	14.000	14.000	14.000
Existing Ground Chnl	14.000	14.000	14.000	14.000

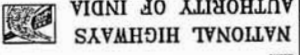
Change = 45000.000

Land Chain = 4515.000

Design Level	14.000	14.000	14.000	14.000
Design Chnl	14.000	14.000	14.000	14.000
Existing Ground Level	14.000	14.000	14.000	14.000
Existing Ground Chnl	14.000	14.000	14.000	14.000

Change = 45100.000

Project 701A
 Contract No. 18 (2019) for the construction of the road project under the National Highway Development Project.
 The project is located in the area of the National Highway Development Project.
 The project is located in the area of the National Highway Development Project.



NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
 CH. 45000.000 TO 45250.000
 Drawing No.: SW/1019/ROADS/CS - 216
 Scale: 1:100
 Date: JUN-2009
 Approved: [Signature]
 K.P. SIVASUBRAMANIAM
 Director
 NOT TO BE SCALED
 Date: JUN-2009

Land Chain = 4515.000

Design Level	14.000	14.000	14.000	14.000
Design Chnl	14.000	14.000	14.000	14.000
Existing Ground Level	14.000	14.000	14.000	14.000
Existing Ground Chnl	14.000	14.000	14.000	14.000

Change = 45150.000

Land Chain = 4515.000

Design Level	14.000	14.000	14.000	14.000
Design Chnl	14.000	14.000	14.000	14.000
Existing Ground Level	14.000	14.000	14.000	14.000
Existing Ground Chnl	14.000	14.000	14.000	14.000

Change = 45200.000

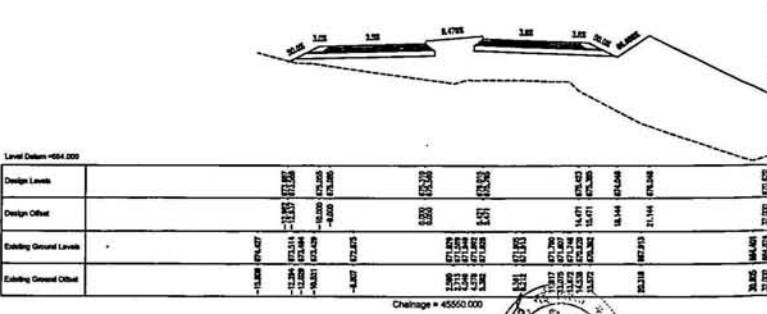
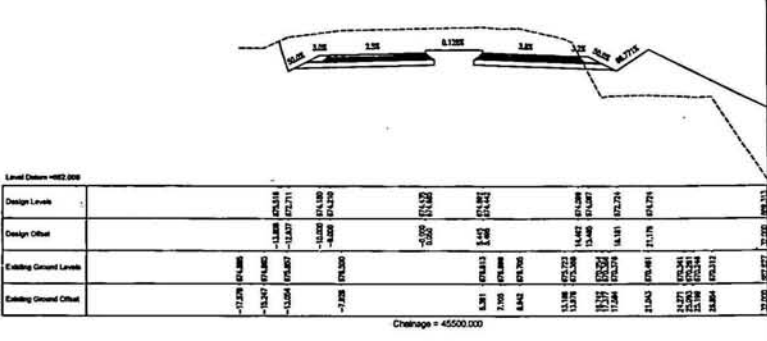
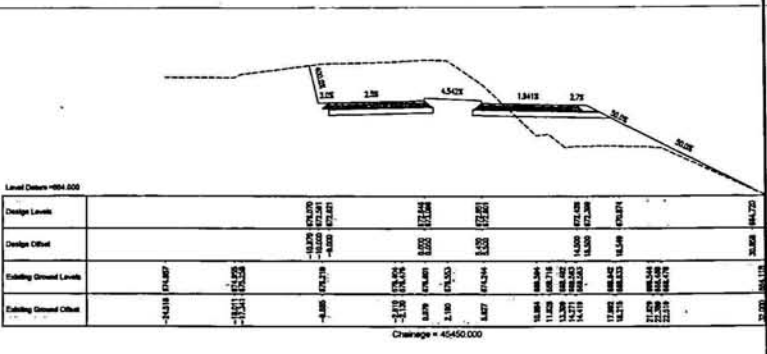
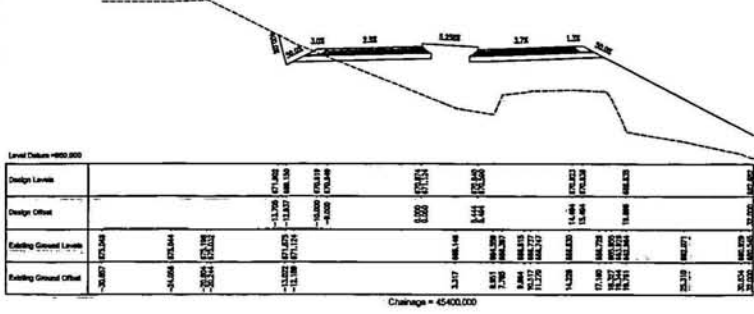
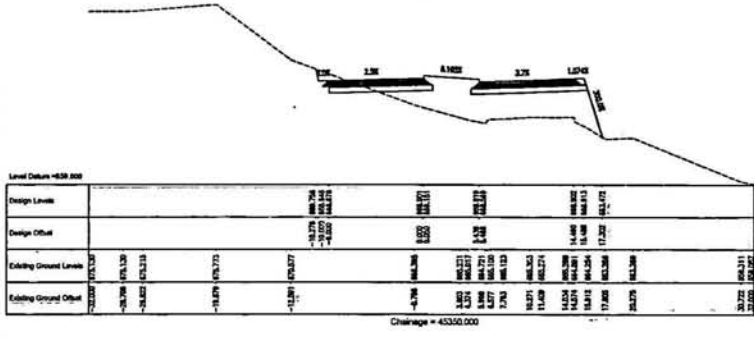
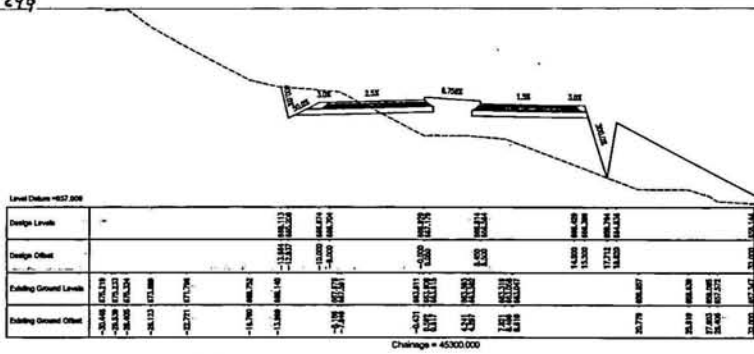
Land Chain = 4515.000

Design Level	14.000	14.000	14.000	14.000
Design Chnl	14.000	14.000	14.000	14.000
Existing Ground Level	14.000	14.000	14.000	14.000
Existing Ground Chnl	14.000	14.000	14.000	14.000

Change = 45200.000

Scott Wilson India Private Limited
 L-302, 3rd Floor, Conco-Corporate, No. 45/1
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 Tel: (011) 4192340 - 49
 Fax: (011) 4192350
 E-mail: info@scottwilson.com





Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for
 Rehabilitation and upgrading of existing 2 lane road to 4 lane divided
 Congestion configuration of Jamnara - Udhampur section of NH-1A
 Km 6.00 to km 65.00 including Jamnara Purk Nagaria and Udhampur
 Bypass Phase - II Programme of North-South corridor Project,
 Contract Package C-8/13

Client
**NATIONAL HIGHWAYS
 AUTHORITY OF INDIA**
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title:
 CROSS SECTION
 CH. 45300.000 TO 45550.000

Drawing No.: SW/1019/ROADS/CS - 217 Sheet :
 Scale :- NOT TO BE SCALED
 Date: K.L.N Dgn. K.PRASAD Appd. ERD.C.D.PURM Date: JUNE-2009

Scott Wilson India Private Limited
 20/26/26, MOHAN CO-OPERATIVE IND. ESTATE
 MATURBA ROAD
 NEW DELHI - 110044
 Tel: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: scwilson@rediffmail.com





Level Datum +674.000

Design Levels								
Design Offset								
Existing Ground Levels								
Existing Ground Offset								

Chraige = 45600.000



Level Datum +673.000

Design Levels								
Design Offset								
Existing Ground Levels								
Existing Ground Offset								

Chraige = 45700.000



Level Datum +674.000

Design Levels								
Design Offset								
Existing Ground Levels								
Existing Ground Offset								

Chraige = 45650.000



Level Datum +672.000

Design Levels								
Design Offset								
Existing Ground Levels								
Existing Ground Offset								

Chraige = 45800.000



Level Datum +674.000

Design Levels								
Design Offset								
Existing Ground Levels								
Existing Ground Offset								

Chraige = 45700.000



Level Datum +670.000

Design Levels								
Design Offset								
Existing Ground Levels								
Existing Ground Offset								

Chraige = 45850.000

Note:- Levels shown are not assumed values.

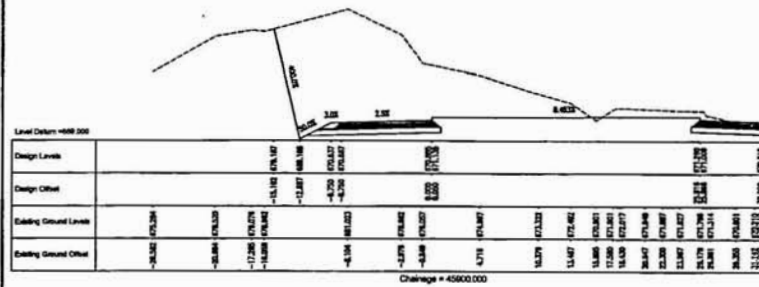
Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Cartageway comparison of Jaipur - Udaipur section of NH-1A, Km 1.00 to km 88.00 including Jaipur (Pur) Bypass and Udaipur Bypass Phase - II Programme of North-South - corridor Project, Contract Package C-898

This drawing is for reference only. It shall not be used for any other purpose without the written consent of the Engineer/Designer and shall not be liable for any error or omission. The Engineer/Designer shall not be held responsible for any error or omission in the design or construction of any work executed thereon.

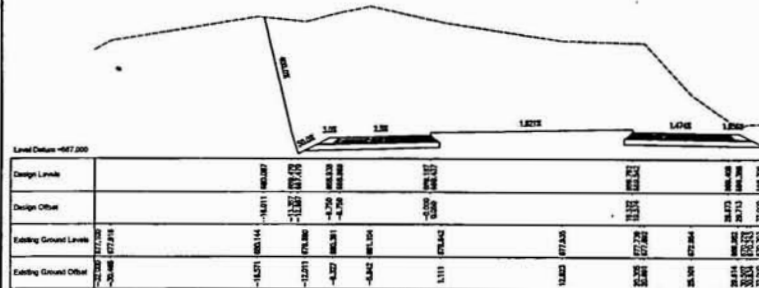
Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 45600.000 TO 45850.000
Drawing No.: SW/1019/ROADS/CS - 218
Scale: NOT TO BE SCALED
Drn: K.L.N **Dgn:** K.PRASAD **Appd:** SRFG.C.D.PUR **Date:** JUNE-2009

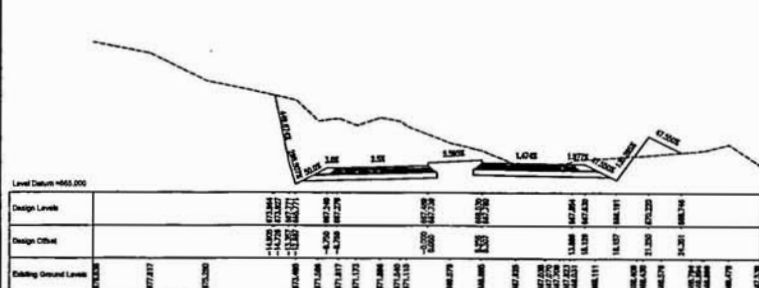
Wilson India Private Limited
 2A-26/4, WILSON CO-OPERATIVE IND. ESTATE
 WATKINSON ROAD
 NEW DELHI - 110044
 Tel: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: w.india@gmail.com



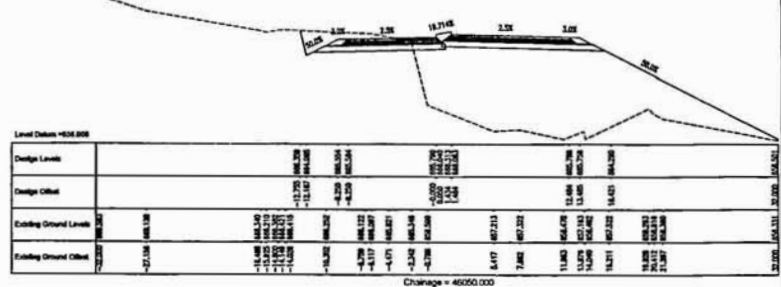
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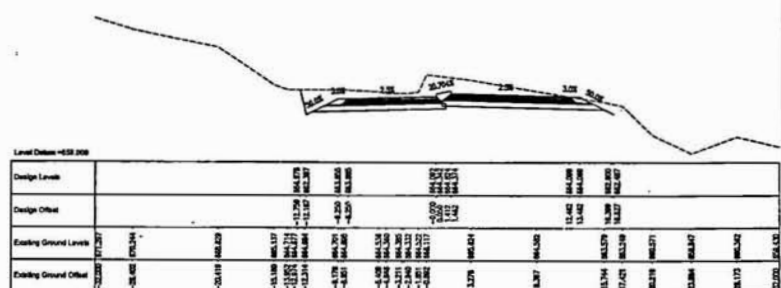
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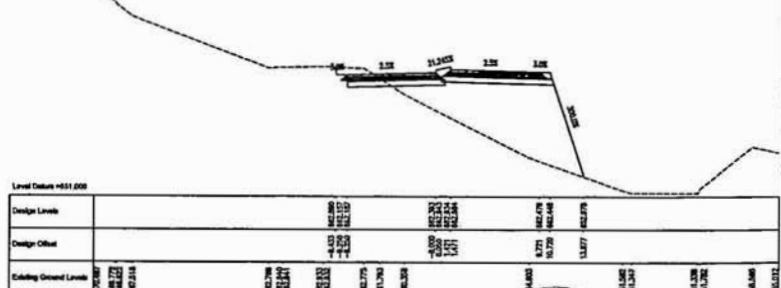
Chainage = 46000.000



Chainage = 46050.000



Chainage = 46100.000



Chainage = 46150.000

Notes:- Levels shown are wet season datum.

Project Title
Consultancy services for preparation of detailed project report for Substitution and upgrading of existing 2-lane road to 4-lane divided highway comprising of Jammu-Udhampur section of NH 1A (km 0.00 to km 68.00) including Jammu (P) Bypass and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package CM-18

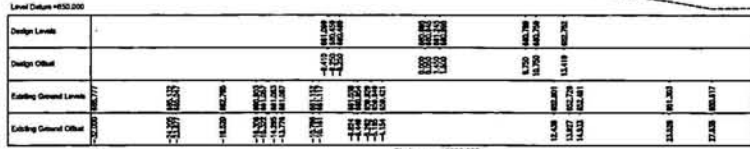
The drawings are the property of the client and shall not be used for any other project or purpose without the written consent of the consultant. The consultant shall not be held responsible for any errors or omissions in the drawings or for any consequences arising therefrom.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
CH. 45900.000 TO 46150.000
Drawing No.: SW/1019/ROADS/CS - 219
Scale: NOT TO BE SCALED
Dra: K.L.N. Digs: K.PRASAD Appd: BRIG.C.D.PURB Date: JUNE-2009

Scott Wilson India Private Limited
23/4, GORAN CO-OPERATIVE IND. ESTATE
NATHAN ROAD
NEW DELHI - 110044
Tel: (011) 41679340 - 49
Fax: (011) 41679350
E-mail: info@swi.com

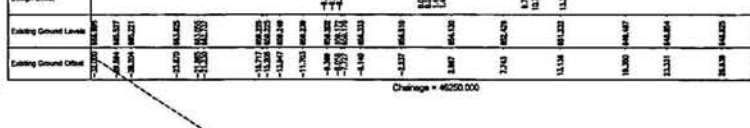




Level Datum +430.000
Chainage = 46200.000



Level Datum +448.000
Chainage = 46250.000



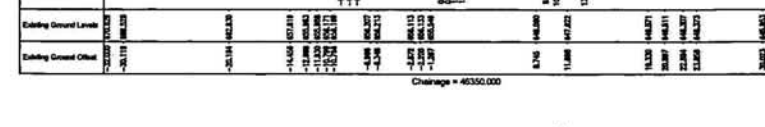
Level Datum +448.000
Chainage = 46300.000



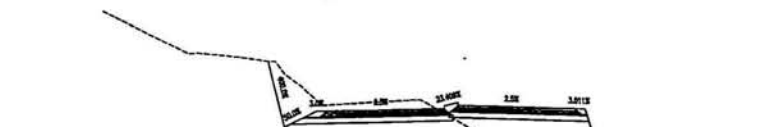
Level Datum +448.000
Chainage = 46400.000



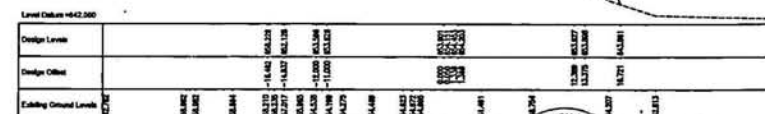
Level Datum +442.000
Chainage = 46350.000



Level Datum +430.000
Chainage = 46300.000



Level Datum +462.000
Chainage = 46400.000



Level Datum +462.000
Chainage = 46400.000

Note:- Levels shown are wet assumed datum.

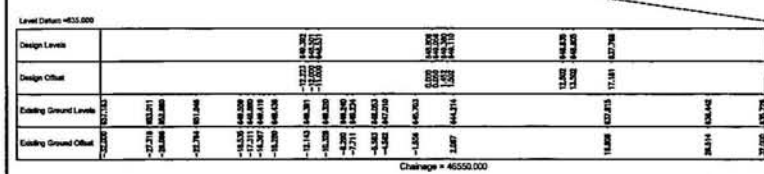
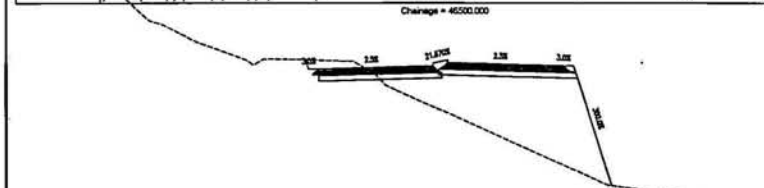
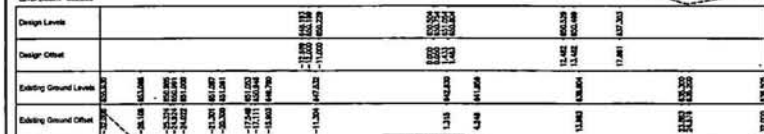
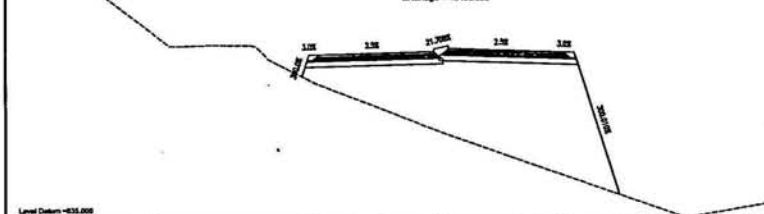
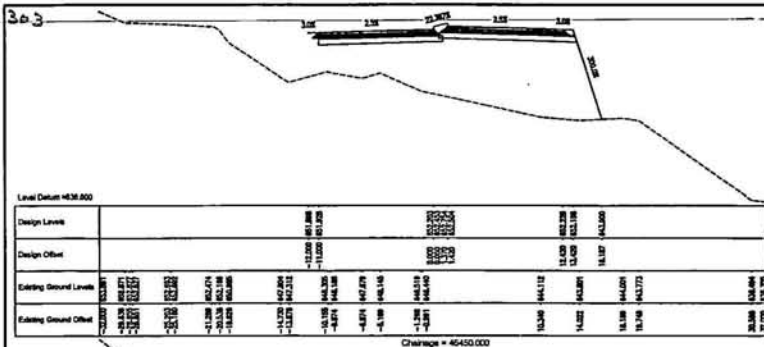
Project Title
Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jarawa - Uduppur section of NH-51 A.

The details shown in this drawing are subject to the approval of the client. It is the responsibility of the client to ensure that the design and construction of the work is in accordance with the approved drawing and specifications. The contractor shall be responsible for the quality of work and for any extra work required during the execution of the contract.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
CH. 46200.000 TO 46400.000
Drawing No.: SW/1019/ROADS/CS - 220
Scale: NOT TO BE SCALED
Appd: BRIG.C.D.PUR
Dgn.: K.PRASAD
Date: JUNE-2009

India Private Limited
A-273, ITC Co-OPERATIVE HO. ESTD
110044
10E (011) 41679340 - 49
10F (011) 41679350
E-mail: indianprivateltd.com



Note:- Levels shown are not assumed data.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-14 A from 0.00 to km (66.00) including Jammu/Part Nagrova and Udhampur bypass Phase - II Programme of North-South corridor Project, Contract Package C-8978

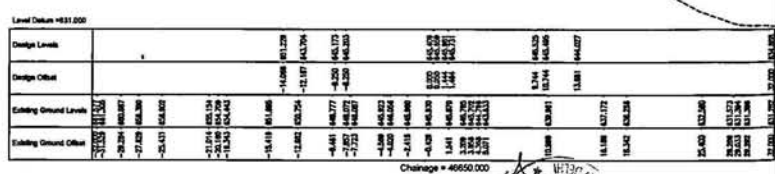
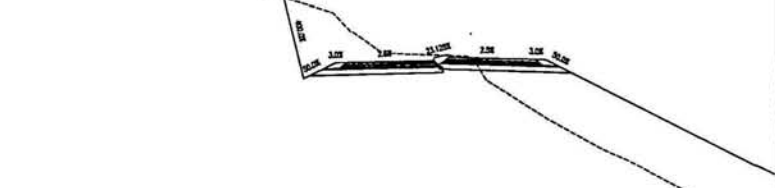
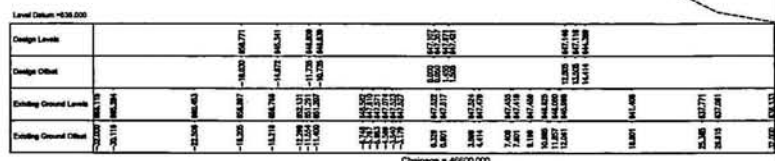
Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title:
 CROSS SECTION
 CH. 46450.000 TO 46650.000

Drawing No. : SW/1019/ROADS/CS - 221
 Scale :- NOT TO BE SCALED

Drn. K.L.N. Dgn. K.PRASAD Appd. BRD.C.D.PURI Date JUNE-2002

Scott Wilson India Private Limited
 A-237/A, MOHAN CO-OPERATIVE IND. ESTATE
 MATURBA ROAD
 NEW DELHI - 110044
 Tel: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: scw@scw.com



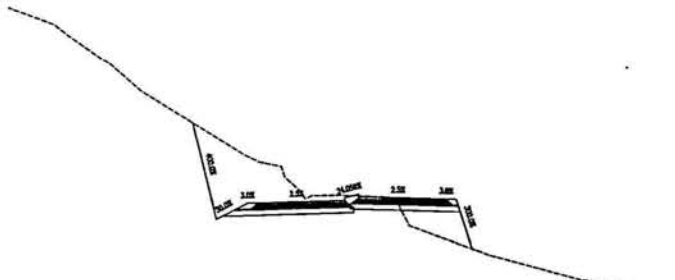
Client
 NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title:
 CROSS SECTION
 CH. 46450.000 TO 46650.000

Drawing No. : SW/1019/ROADS/CS - 221
 Scale :- NOT TO BE SCALED

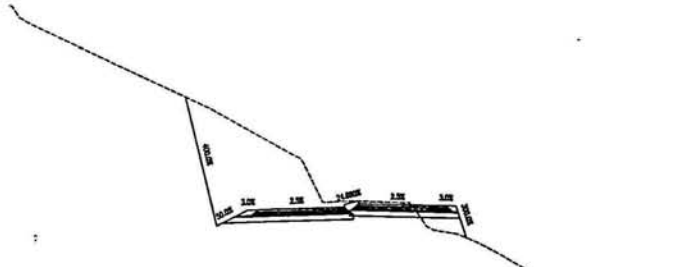
Drn. K.L.N. Dgn. K.PRASAD Appd. BRD.C.D.PURI Date JUNE-2002

Scott Wilson India Private Limited
 A-237/A, MOHAN CO-OPERATIVE IND. ESTATE
 MATURBA ROAD
 NEW DELHI - 110044
 Tel: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: scw@scw.com



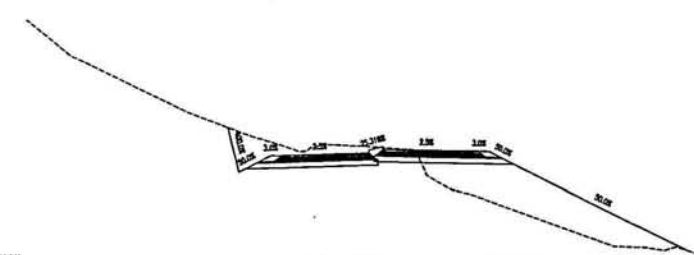
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Design Offset	
Existing Ground Levels	
Existing Ground Offset	

Chainage = 46700.000



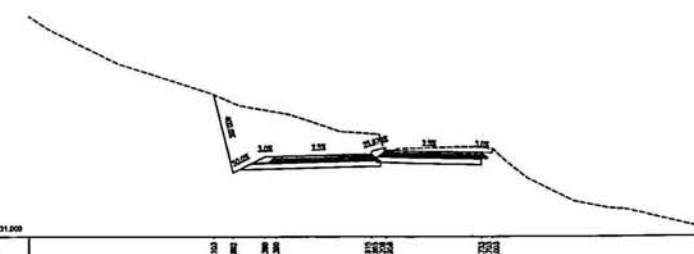
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Design Levels	
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Existing Ground Levels	
Existing Ground Offset	

Chainage = 46750.000



Level Datum +530.000	
Design Levels	
Design Offset	
Existing Ground Levels	
Existing Ground Offset	

Chainage = 46800.000



Level Datum +531.000	
Design Levels	
Design Offset	
Existing Ground Levels	
Existing Ground Offset	

Chainage = 46850.000

Notes:- Levels shown are as assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Cartage-way configuration of Jammu - Udhampur section of NH-1A (km 0.00 to km 88.00) including Jammu(Par) Bypass and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-8818

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Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 46700.000 TO 46850.000
Drawing No.: SWM/1019/ROADS/CS - 222
Scale: NOT TO BE SCALED
Dm: K.L.N
Dgn: K.PRASAD
Appd: BRIG.C.D.PUR
Date: JUNE-2009

Sheet: NEW DELHI - 110044
Tel: (011) 41679340 - 49
Fax: (011) 41679350
E-mail: swin@swm.com





Level Datum +424.000											
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											

Chirriage = 47200.000



Level Datum +418.000											
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											

Chirriage = 47350.000



Level Datum +423.000											
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											

Chirriage = 47250.000



Level Datum +417.000											
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											

Chirriage = 47400.000



Level Datum +421.000											
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											

Chirriage = 47300.000



Level Datum +413.000											
Design Levels											
Design Offset											
Existing Ground Levels											
Existing Ground Offset											

Chirriage = 47450.000

Note:- Levels shown are wet assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A. Km 0.00 to km 06.30 including Jammu(Park) Bypass and Udhampur Bypass Phase - II Programme of North - South corridor Project, Contract Package C-089

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Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 47200.000 TO 47450.000
 Drawing No.: SW/1019/ROADS/CS - 224
 Scale: NOT TO BE SCALED
 Dm: K.L.N. Dgn: K.PRASAD Appd: BRIG.C.D.PUR Date: JUNE-2009

Scale: 1:500
 Sheet: 1 of 1
 Wilson India Private Limited
 HATHURA ROAD
 NEW DELHI - 110044
 Tele: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: wilson@wilson.com




Level Datum +813.000



Design Levels																
Design Offset																
Existing Ground Levels																
Existing Ground Offset																

Chainage = 47500.000


Level Datum +813.000



Design Levels																
Design Offset																
Existing Ground Levels																
Existing Ground Offset																

Chainage = 47550.000


Level Datum +827.000



Design Levels																
Design Offset																
Existing Ground Levels																
Existing Ground Offset																

Chainage = 47600.000


Level Datum +808.000



Design Levels																
Design Offset																
Existing Ground Levels																
Existing Ground Offset																

Chainage = 47550.000

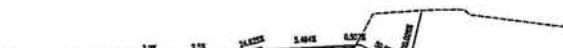
Level Datum +804.000



Design Levels																
Design Offset																
Existing Ground Levels																
Existing Ground Offset																

Chainage = 47700.000

Level Datum +802.000



Design Levels																
Design Offset																
Existing Ground Levels																
Existing Ground Offset																

Chainage = 47750.000

Note:- Levels shown are wet assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jajma - Udhampur section of NH-1A. (5m 0.00 to km 06.00) including Jajma(Pur) Bypass and Udhampur Bypass Phase - II Programme of North-South - corridor Project, Central Package-C818

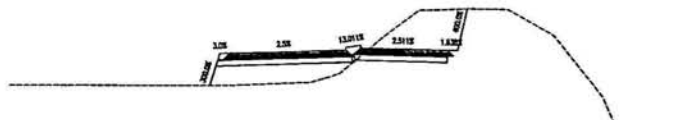
This project is the property of MPTCL and should not be used for any purpose other than the one for which it was prepared without the prior permission in writing from the project engineer in charge.

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 47500.000 TO 47750.000
Drawing No.: SW/1019/ROADS/CS - 225
Scale: NOT TO BE SCALED
Date: JUNE-2009

Scott Wilson India Private Limited
NEW DELHI - 110044
Tel: (011) 41679340 - 49
Fax: (011) 41679350
E-mail: swinfo@swi.com





Level Datum +594.000

Design Levels			13.2012	2.5012	1.8320				
Design Offset			-1.2000	-1.2000	-1.2000	-1.2000	-1.2000	-1.2000	-1.2000
Existing Ground Levels	22.220	20.234	18.248	16.262	14.276	12.290	10.304	8.318	6.332
Existing Ground Offset	22.220	20.234	18.248	16.262	14.276	12.290	10.304	8.318	6.332

Chiragge = 47800.000



Level Datum +584.000

Design Levels			3.2012	2.5012	1.8320				
Design Offset			-0.2000	-0.2000	-0.2000	-0.2000	-0.2000	-0.2000	-0.2000
Existing Ground Levels	22.220	20.234	18.248	16.262	14.276	12.290	10.304	8.318	6.332
Existing Ground Offset	22.220	20.234	18.248	16.262	14.276	12.290	10.304	8.318	6.332

Chiragge = 47800.000



Level Datum +598.000

Design Levels			13.2012	2.5012	1.8320				
Design Offset			-1.2000	-1.2000	-1.2000	-1.2000	-1.2000	-1.2000	-1.2000
Existing Ground Levels	22.220	20.234	18.248	16.262	14.276	12.290	10.304	8.318	6.332
Existing Ground Offset	22.220	20.234	18.248	16.262	14.276	12.290	10.304	8.318	6.332

Chiragge = 47900.000



Level Datum +595.000

Design Levels			13.2012	2.5012	1.8320				
Design Offset			-1.2000	-1.2000	-1.2000	-1.2000	-1.2000	-1.2000	-1.2000
Existing Ground Levels	22.220	20.234	18.248	16.262	14.276	12.290	10.304	8.318	6.332
Existing Ground Offset	22.220	20.234	18.248	16.262	14.276	12.290	10.304	8.318	6.332

Chiragge = 47950.000



Level Datum +585.000

Design Levels			3.2012	2.5012	1.8320				
Design Offset			-0.2000	-0.2000	-0.2000	-0.2000	-0.2000	-0.2000	-0.2000
Existing Ground Levels	22.220	20.234	18.248	16.262	14.276	12.290	10.304	8.318	6.332
Existing Ground Offset	22.220	20.234	18.248	16.262	14.276	12.290	10.304	8.318	6.332

Chiragge = 48000.000



Level Datum +582.000

Design Levels			13.2012	2.5012	1.8320				
Design Offset			-1.2000	-1.2000	-1.2000	-1.2000	-1.2000	-1.2000	-1.2000
Existing Ground Levels	22.220	20.234	18.248	16.262	14.276	12.290	10.304	8.318	6.332
Existing Ground Offset	22.220	20.234	18.248	16.262	14.276	12.290	10.304	8.318	6.332

Chiragge = 48050.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Categorywise configuration of Jamna - Umbhara section of NH-1 A (from 0.00 to km 66.00) including Jamna (Part) Bypass and Umbhara Bypass Phase - B Programme of North - South - corridor Project, Contract Package C-0718

Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
 CH. 47800.000 TO 48050.000
Drawing No.: SW/1019/ROADS/CS - 226
Scale: NOT TO BE SCALED
Drn: K.L.N **Dgn:** K.PRASAD **Appd:** BRG.C.D.PUR **Date:** JUNE-2009

Wilson India Private Limited
 NEW DELHI - 110044
 MATHURA ROAD
 Tel: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: winfo@wilson.com





Level Datum = +45.00

Design Levels	45.0000	44.8125	44.6250	44.4375	44.2500	44.0625	43.8750	43.6875	43.5000	43.3125	43.1250	42.9375	42.7500	42.5625	42.3750	42.1875	42.0000
Design Offset	0.0000	0.1875	0.3750	0.5625	0.7500	0.9375	1.1250	1.3125	1.5000	1.6875	1.8750	2.0625	2.2500	2.4375	2.6250	2.8125	3.0000
Existing Ground Levels	45.0000	44.9800	44.9600	44.9400	44.9200	44.9000	44.8800	44.8600	44.8400	44.8200	44.8000	44.7800	44.7600	44.7400	44.7200	44.7000	44.6800
Existing Ground Offset	0.0000	0.0100	0.0200	0.0300	0.0400	0.0500	0.0600	0.0700	0.0800	0.0900	0.1000	0.1100	0.1200	0.1300	0.1400	0.1500	0.1600

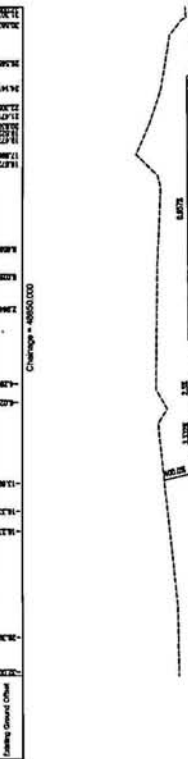
Change = 46950.000



Level Datum = +45.00

Design Levels	45.0000	44.8125	44.6250	44.4375	44.2500	44.0625	43.8750	43.6875	43.5000	43.3125	43.1250	42.9375	42.7500	42.5625	42.3750	42.1875	42.0000
Design Offset	0.0000	0.1875	0.3750	0.5625	0.7500	0.9375	1.1250	1.3125	1.5000	1.6875	1.8750	2.0625	2.2500	2.4375	2.6250	2.8125	3.0000
Existing Ground Levels	45.0000	44.9800	44.9600	44.9400	44.9200	44.9000	44.8800	44.8600	44.8400	44.8200	44.8000	44.7800	44.7600	44.7400	44.7200	44.7000	44.6800
Existing Ground Offset	0.0000	0.0100	0.0200	0.0300	0.0400	0.0500	0.0600	0.0700	0.0800	0.0900	0.1000	0.1100	0.1200	0.1300	0.1400	0.1500	0.1600

Change = 46950.000



Level Datum = +45.00

Design Levels	45.0000	44.8125	44.6250	44.4375	44.2500	44.0625	43.8750	43.6875	43.5000	43.3125	43.1250	42.9375	42.7500	42.5625	42.3750	42.1875	42.0000
Design Offset	0.0000	0.1875	0.3750	0.5625	0.7500	0.9375	1.1250	1.3125	1.5000	1.6875	1.8750	2.0625	2.2500	2.4375	2.6250	2.8125	3.0000
Existing Ground Levels	45.0000	44.9800	44.9600	44.9400	44.9200	44.9000	44.8800	44.8600	44.8400	44.8200	44.8000	44.7800	44.7600	44.7400	44.7200	44.7000	44.6800
Existing Ground Offset	0.0000	0.0100	0.0200	0.0300	0.0400	0.0500	0.0600	0.0700	0.0800	0.0900	0.1000	0.1100	0.1200	0.1300	0.1400	0.1500	0.1600

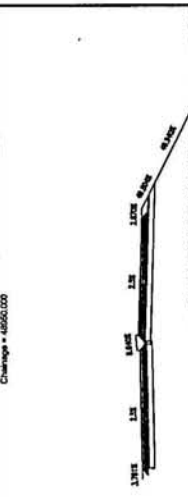
Change = 46950.000



Level Datum = +45.00

Design Levels	45.0000	44.8125	44.6250	44.4375	44.2500	44.0625	43.8750	43.6875	43.5000	43.3125	43.1250	42.9375	42.7500	42.5625	42.3750	42.1875	42.0000
Design Offset	0.0000	0.1875	0.3750	0.5625	0.7500	0.9375	1.1250	1.3125	1.5000	1.6875	1.8750	2.0625	2.2500	2.4375	2.6250	2.8125	3.0000
Existing Ground Levels	45.0000	44.9800	44.9600	44.9400	44.9200	44.9000	44.8800	44.8600	44.8400	44.8200	44.8000	44.7800	44.7600	44.7400	44.7200	44.7000	44.6800
Existing Ground Offset	0.0000	0.0100	0.0200	0.0300	0.0400	0.0500	0.0600	0.0700	0.0800	0.0900	0.1000	0.1100	0.1200	0.1300	0.1400	0.1500	0.1600

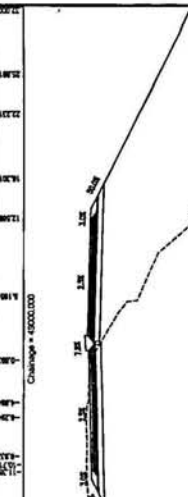
Change = 46950.000



Level Datum = +45.00

Design Levels	45.0000	44.8125	44.6250	44.4375	44.2500	44.0625	43.8750	43.6875	43.5000	43.3125	43.1250	42.9375	42.7500	42.5625	42.3750	42.1875	42.0000
Design Offset	0.0000	0.1875	0.3750	0.5625	0.7500	0.9375	1.1250	1.3125	1.5000	1.6875	1.8750	2.0625	2.2500	2.4375	2.6250	2.8125	3.0000
Existing Ground Levels	45.0000	44.9800	44.9600	44.9400	44.9200	44.9000	44.8800	44.8600	44.8400	44.8200	44.8000	44.7800	44.7600	44.7400	44.7200	44.7000	44.6800
Existing Ground Offset	0.0000	0.0100	0.0200	0.0300	0.0400	0.0500	0.0600	0.0700	0.0800	0.0900	0.1000	0.1100	0.1200	0.1300	0.1400	0.1500	0.1600

Change = 46950.000



Level Datum = +45.00

Design Levels	45.0000	44.8125	44.6250	44.4375	44.2500	44.0625	43.8750	43.6875	43.5000	43.3125	43.1250	42.9375	42.7500	42.5625	42.3750	42.1875	42.0000
Design Offset	0.0000	0.1875	0.3750	0.5625	0.7500	0.9375	1.1250	1.3125	1.5000	1.6875	1.8750	2.0625	2.2500	2.4375	2.6250	2.8125	3.0000
Existing Ground Levels	45.0000	44.9800	44.9600	44.9400	44.9200	44.9000	44.8800	44.8600	44.8400	44.8200	44.8000	44.7800	44.7600	44.7400	44.7200	44.7000	44.6800
Existing Ground Offset	0.0000	0.0100	0.0200	0.0300	0.0400	0.0500	0.0600	0.0700	0.0800	0.0900	0.1000	0.1100	0.1200	0.1300	0.1400	0.1500	0.1600

Change = 46950.000

Crossing Title:
CROSS SECTION
 CHL 46950.000 TO 49950.000

Client	NATIONAL HIGHWAYS AUTHORITY OF INDIA
Project Title	Construction of 6 Lane Expressway with 2.0m wide median and 4.0m wide shoulders
Contractor	...

Scale: 1:1000
 Date: JUN-2006

Project: This is the contract for the design and construction of the road. The contract includes the design and construction of the road and the associated infrastructure. The contract also includes the provision of materials and labor for the construction of the road. The contract is for a fixed fee and the contractor is responsible for the completion of the project within the stipulated time frame.

Level Datum = +45.00

Design Levels	45.0000	44.8125	44.6250	44.4375	44.2500	44.0625	43.8750	43.6875	43.5000	43.3125	43.1250	42.9375	42.7500	42.5625	42.3750	42.1875	42.0000
Design Offset	0.0000	0.1875	0.3750	0.5625	0.7500	0.9375	1.1250	1.3125	1.5000	1.6875	1.8750	2.0625	2.2500	2.4375	2.6250	2.8125	3.0000
Existing Ground Levels	45.0000	44.9800	44.9600	44.9400	44.9200	44.9000	44.8800	44.8600	44.8400	44.8200	44.8000	44.7800	44.7600	44.7400	44.7200	44.7000	44.6800
Existing Ground Offset	0.0000	0.0100	0.0200	0.0300	0.0400	0.0500	0.0600	0.0700	0.0800	0.0900	0.1000	0.1100	0.1200	0.1300	0.1400	0.1500	0.1600

Change = 46950.000

Board/Johnson India Private Limited
 CHL 46950.000 TO 49950.000
 SHEET NO. 1 OF 10
 NEW B.O.B - 10044
 Tel: (011) 4167340 - 49
 Fax: (011) 4167340



Level Datum +178.000

Design Levels																				
Design Offset																				
Existing Ground Levels																				
Existing Ground Offset																				

Chainage = 49100.000



Level Datum +179.000

Design Levels																				
Design Offset																				
Existing Ground Levels																				
Existing Ground Offset																				

Chainage = 49250.000



Level Datum +179.000

Design Levels																				
Design Offset																				
Existing Ground Levels																				
Existing Ground Offset																				

Chainage = 49150.000



Level Datum +179.000

Design Levels																				
Design Offset																				
Existing Ground Levels																				
Existing Ground Offset																				

Chainage = 49300.000



Level Datum +178.000

Design Levels																				
Design Offset																				
Existing Ground Levels																				
Existing Ground Offset																				

Chainage = 49200.000



Level Datum +168.000

Design Levels																				
Design Offset																				
Existing Ground Levels																				
Existing Ground Offset																				

Chainage = 49350.000

Note:- Levels shown are not assumed details.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jarraha - Uthmaniyah section of M61 A (km 8.00 to km 88.00) including Jarraha/Fairlie Progress and Uthmaniyah Bypass Phase - II Programme of North - South - corridors Project, Covered Package C/18

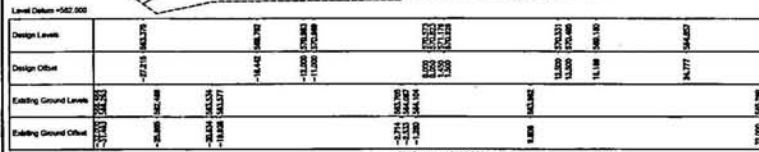
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Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highway)

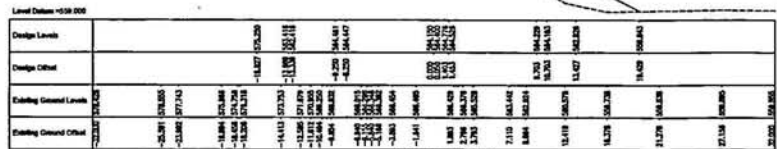
Drawing Title:
 CROSS SECTION
 CH. 49100.000 TO 49350.000
 Drawing No. : SW/1019/ROADS/CS - 230 Sheet :
 Scale :- NOT TO BE SCALED
 Dn K.L.N Appd K.PRAKAD Date 28.06.2009

Scott Wilson India Private Limited
 A-26/4, MOHAN CO-OPERATIVE IND. ESTATE
 MATURBA ROAD
 NEW DELHI - 110044
 Tel: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: swi@swipl.com

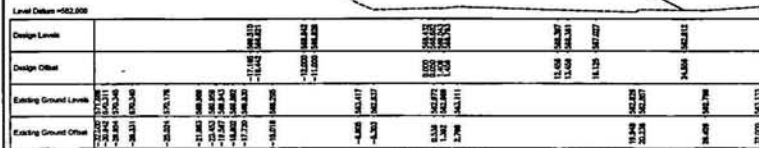




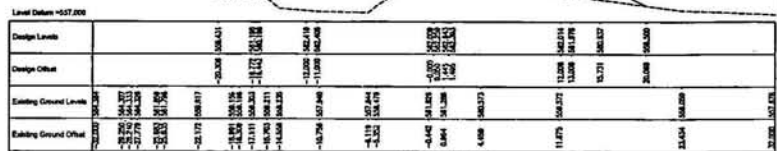
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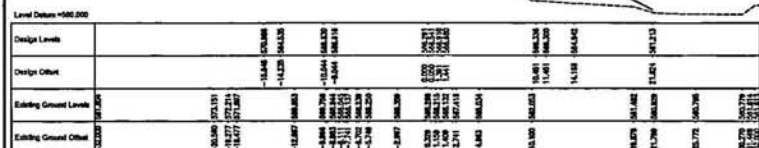
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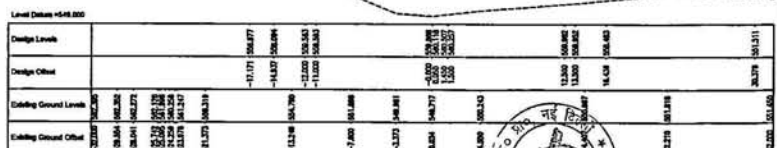
Chainage = 49450.000



Chainage = 49500.000



Chainage = 49500.000



Chainage = 49650.000

Note:-
Levels shown are not assumed data.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Category (intermediate) of Jammu - 10th Highway section of NH-1A from 0+00 to km 96+200 including Jammu/Chowk bridge and Uthmaniy bypass Phase - II Programme of North-South corridor Project, Contract Package C-8918

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Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title:
CROSS SECTION
CH. 49400.000 TO 49650.000

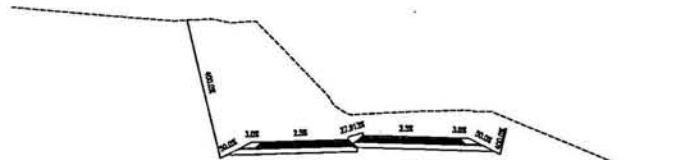
Drawing No. : SWW1019/ROADS/CS - 231

Scale :- NOT TO BE SCALED

Date: KLN Dgn: K.PRASAD Appd: MRS.C.D.PUR Date: JUNE-2009

Scott Wilson India Private Limited
A-26/A, UDHAN CO-OPERATIVE IND. ESTATE
MATHURA ROAD
NEW DELHI - 110044
Tele: (011) 41679340 - 49
Fax: (011) 41679350
E-mail: swi@swi.com

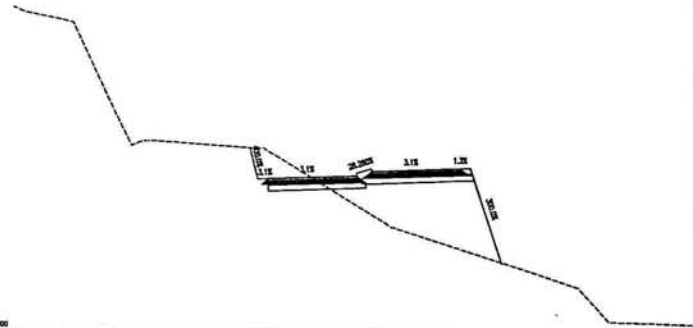




Level Datum +553.000

Design Levels												
Design Offset												
Existing Ground Levels												
Existing Ground Offset												

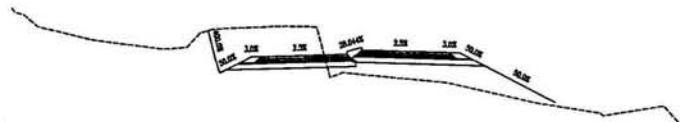
Chiragnu + 49700.000



Level Datum +538.000

Design Levels												
Design Offset												
Existing Ground Levels												
Existing Ground Offset												

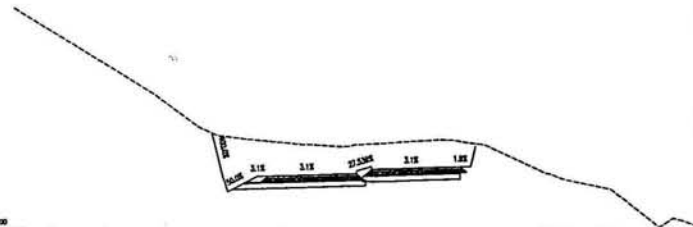
Chiragnu + 49800.000



Level Datum +548.000

Design Levels												
Design Offset												
Existing Ground Levels												
Existing Ground Offset												

Chiragnu + 49750.000



Level Datum +548.000

Design Levels												
Design Offset												
Existing Ground Levels												
Existing Ground Offset												

Chiragnu + 49850.000

Note:- Levels shown are set assumed datum.

Project Title
 Rehabilitation and upgrading of existing 2-lane road to 4-lane divided
 Category configuration of Jammu - Udhampur section of NH-1A
 (from 0.00 to km 66.00) including Jammu(Ur) Nagrota and Udhampur
 Bypass Phase - II Programme of North - South corridor Project,
 Contract Package C-816

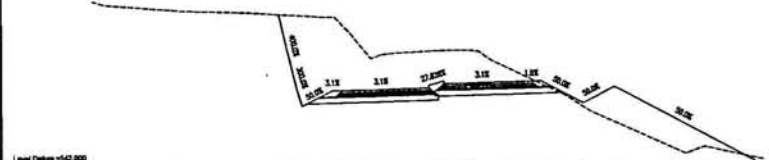
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Client
**NATIONAL HIGHWAYS
 AUTHORITY OF INDIA**
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title:
 CROSS SECTION
 CH. 49700.000 TO 49850.000
 Drawing No.: SW/1019/ROADS/CS - 232
 Scale: NOT TO BE SCALED
 Dm: K.L.N. Dgn: K.PRASAD Appd: BRG.C.D.PURJ Date: JUNE-2009

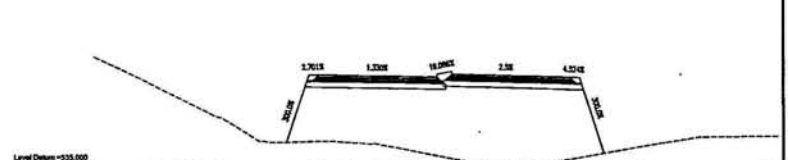
Scott Wilson India Private Limited
 18-35/A, MOHAN CO-OPERATIVE IND. ESTATE,
 WAFI-KHARA ROAD,
 NEW DELHI - 110044
 Tele: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: scwinc@scwilson.com





Level Datum +542.000	
Design Levels	
Design Offset	
Existing Ground Levels	
Existing Ground Offset	

Chirage = 49900.000



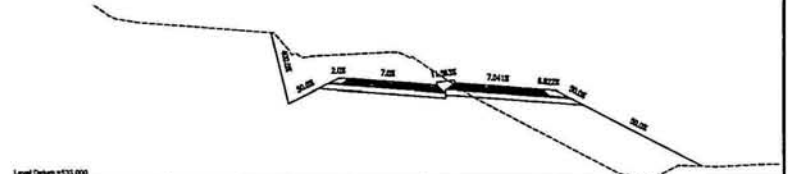
Level Datum +535.000	
Design Levels	
Design Offset	
Existing Ground Levels	
Existing Ground Offset	

Chirage = 50050.000



Level Datum +542.000	
Design Levels	
Design Offset	
Existing Ground Levels	
Existing Ground Offset	

Chirage = 49950.000



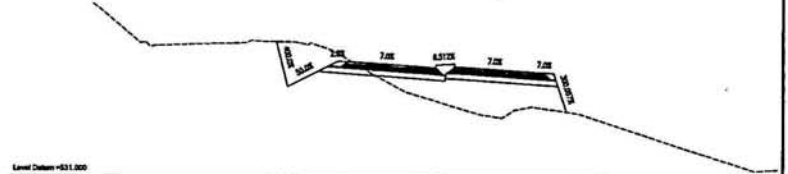
Level Datum +532.000	
Design Levels	
Design Offset	
Existing Ground Levels	
Existing Ground Offset	

Chirage = 50100.000



Level Datum +538.000	
Design Levels	
Design Offset	
Existing Ground Levels	
Existing Ground Offset	

Chirage = 50000.000



Level Datum +531.000	
Design Levels	
Design Offset	
Existing Ground Levels	
Existing Ground Offset	

Chirage = 50150.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configurations of Jammu - Udhampur section of NH-1A (km 8.90 to km 96.00) including Jammu (part) Bypass and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-2918

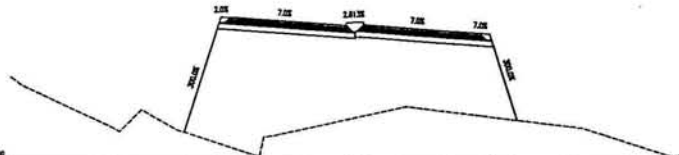
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Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 49900.000 TO 50150.000
 Drawing No.: SW/1019/ROADS/CS - 233
 Scale: NOT TO BE SCALED
 Dm: K.L.N
 Dgn: K.PRASAD
 Appd: BRIG.C.D.PURI
 Date: JUNE-2009

Scott Wilson India Private Limited
 A-25/A, KANAN CO-OPERATIVE IND. ESTATE
 MATURBA ROAD
 NEW DELHI - 110044
 Tel: (011) 41679340 - 49
 Fax: (011) 41679350
 E-mail: scwilson@scwilson.com





Level Datum +528.000

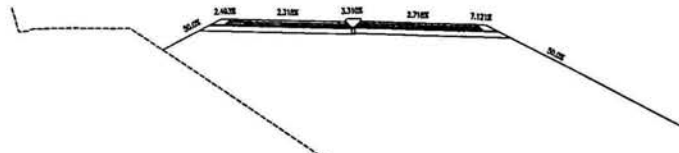
Design Levels																				
Design Offset																				
Existing Ground Levels																				
Existing Ground Offset																				

Chiragn = 50200.000

Level Datum +522.000

Design Levels																				
Design Offset																				
Existing Ground Levels																				
Existing Ground Offset																				

Chiragn = 50300.000



Level Datum +523.000

Design Levels																				
Design Offset																				
Existing Ground Levels																				
Existing Ground Offset																				

Chiragn = 50250.000

Level Datum +528.000

Design Levels																				
Design Offset																				
Existing Ground Levels																				
Existing Ground Offset																				

Chiragn = 50350.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1 A (from 0.00 to km 88.00) including Jammu/Parli Nagroa and Udhampur Bypass Phase - II Programme of North - South - corridors Project, Contract Package C-6918

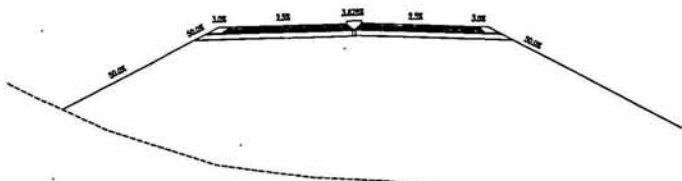
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Client
NATIONAL HIGHWAYS AUTHORITY OF INDIA
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Drawing Title: CROSS SECTION
 CH. 50200.000 TO 50350.000
Drawing No.: SW/1019/ROADS/CS - 234
Scale: NOT TO BE SCALED
Date: JUNE-2009

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 A-56/A, MOHAN CO-OPERATIVE IND. ESTATE
 MATHURA ROAD
 NEW DELHI - 110044
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 Fax: (011) 41679350
 E-mail: swn@swindia.com

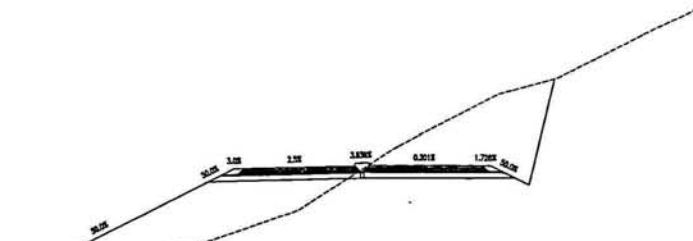




Level Datum +523.000

Design Levels	-14.820	521.141												
Design Offset			-14.820	523.000	523.000	523.000	523.000	523.000	523.000	523.000	523.000	523.000	523.000	523.000
Existing Ground Levels	7.230	523.000	523.000	523.000	523.000	523.000	523.000	523.000	523.000	523.000	523.000	523.000	523.000	523.000
Existing Ground Offset														

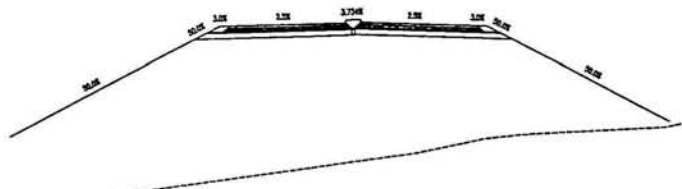
Chirrage = 50430.000



Level Datum +524.000

Design Levels														
Design Offset														
Existing Ground Levels														
Existing Ground Offset														

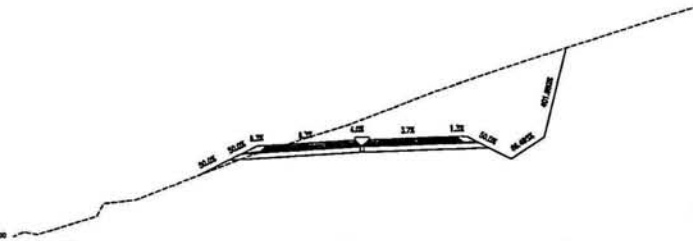
Chirrage = 50500.000



Level Datum +525.000

Design Levels														
Design Offset														
Existing Ground Levels														
Existing Ground Offset														

Chirrage = 50450.000



Level Datum +526.000

Design Levels														
Design Offset														
Existing Ground Levels														
Existing Ground Offset														

Chirrage = 50500.000

Note:-

Levels shown are not assumed datum.

Project Title

Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1 A (from 0.00 to km 68.00) including Jammu/Udhampur Bypass and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package C-2/18

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Drawing Title:

CROSS SECTION CH. 50400.000 TO 50550.000

Drawing No.: SW/H1019/ROADS/CS-235

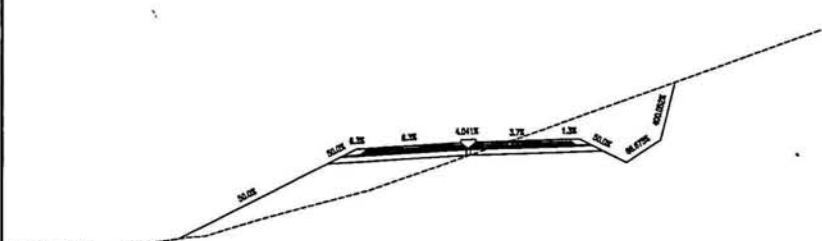
Scale: NOT TO BE SCALED

Date: JUNE-2009

Scott Wilson India Private Limited

4-A-26/A, SHANU CO-OPERATIVE IND. ESTATE,
MUNDAWRA ROAD
NEW DELHI - 110044
T: (011) 41679340 - 49
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E: scw@swindia.com

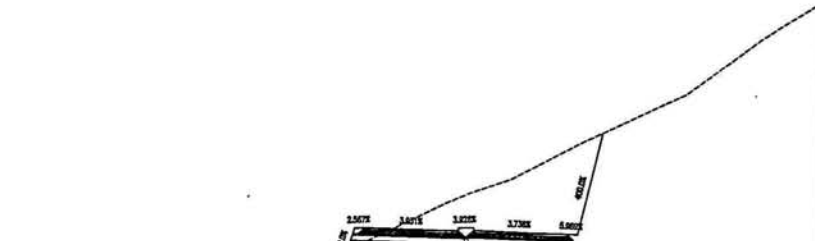




Level Datum = +527.000

Design Levels										
Design Offset										
Existing Ground Levels	527.000	527.237								
Existing Ground Offset										

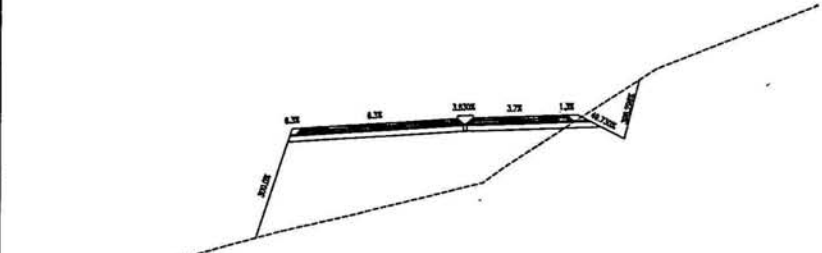
Chirage = 50600.000



Level Datum = +525.000

Design Levels										
Design Offset										
Existing Ground Levels	525.000	525.250								
Existing Ground Offset										

Chirage = 50700.000



Level Datum = +523.000

Design Levels										
Design Offset										
Existing Ground Levels	523.000	523.250								
Existing Ground Offset										

Chirage = 50650.000



Level Datum = +514.000

Design Levels										
Design Offset										
Existing Ground Levels	514.000	514.250								
Existing Ground Offset										

Chirage = 50700.000

Note:-
Levels shown are not assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-11 A. (from 0.00 to km 66.00) including Jammu (NH-11) Nagrota and Udhampur Bypass Phase - II Programme of North-South corridor Project, Contract Package U-0418

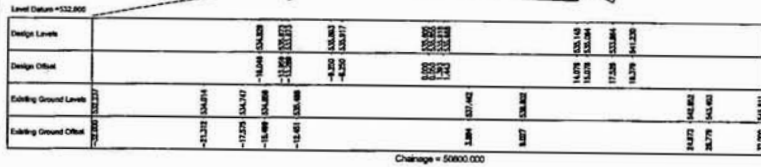
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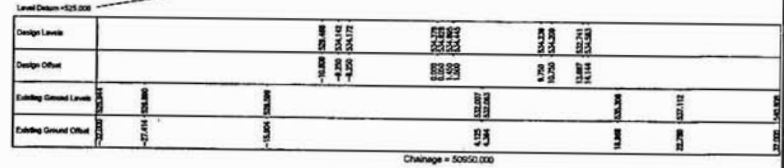
Drawing Title: CROSS SECTION CH. 50600.000 TO 50750.000
Drawing No.: SW/1019/ROADS/CS - 236
Scale: NOT TO BE SCALED
Dm: K.L.N. Dgn: K.PRASAD Appd: BRIG.C.D.PURI Date: JUNE-2009

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MATHERA ROAD
NEW DELHI - 110044
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E-mail: swindia@rediffmail.com

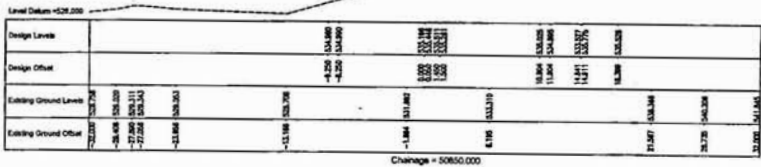




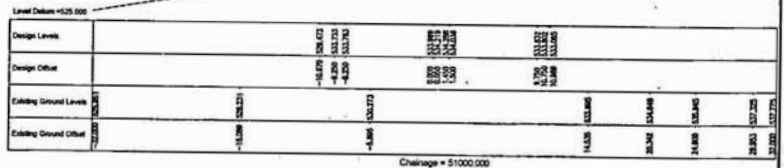
Chainage = 50800.000



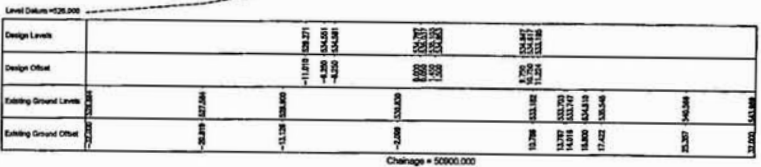
Chainage = 50950.000



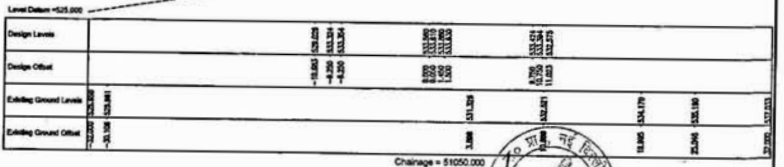
Chainage = 50850.000



Chainage = 51000.000



Chainage = 50900.000



Chainage = 51050.000

Note:-
Levels shown as per assumed datum.

Project Title
Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided Carriageway configuration of Jamnā - Udaipur section of NH-1 A (in S.O. to be 66.00) including Jamnā(Pur) Bypass and Udaipur Bypass Phase - II Programme of North - South - corridors Project, Contract Package C-2718

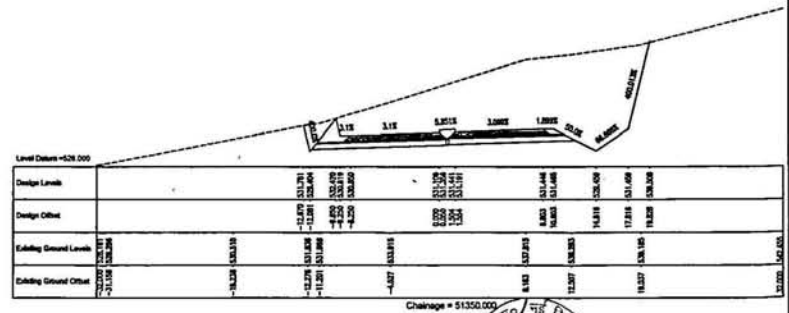
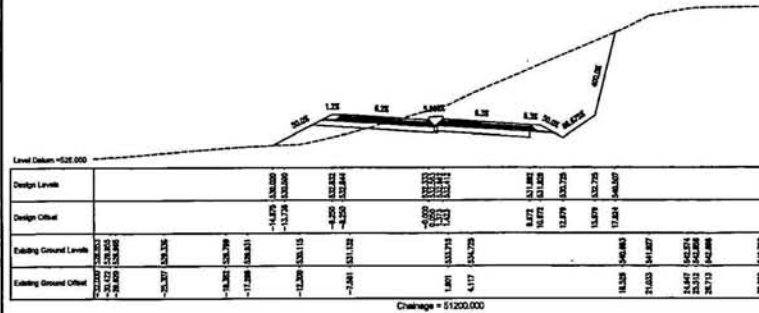
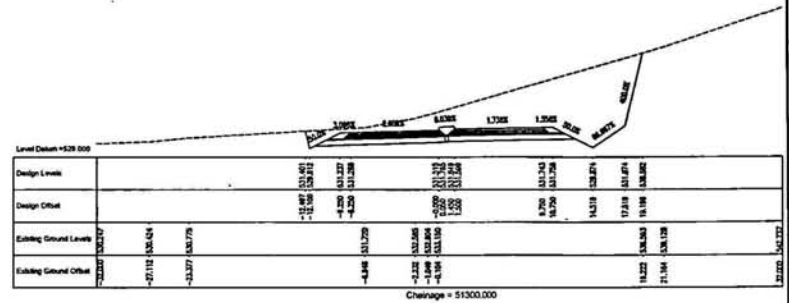
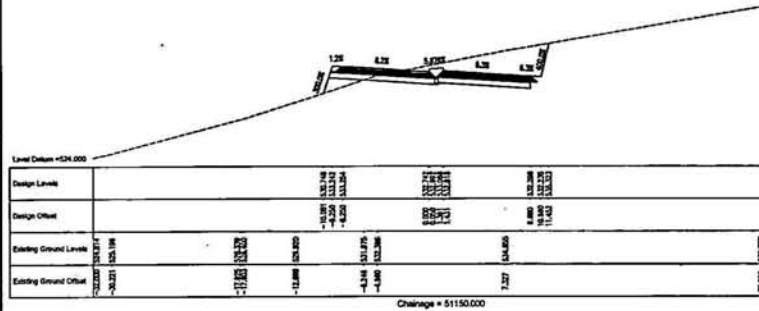
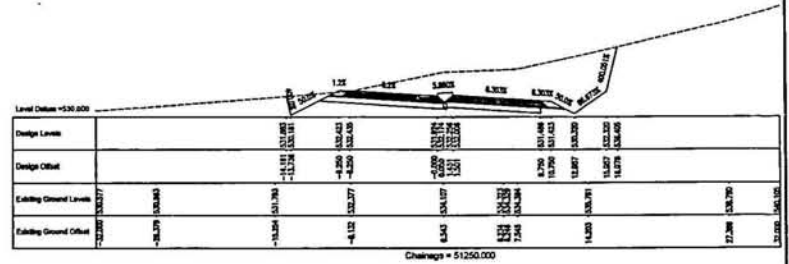
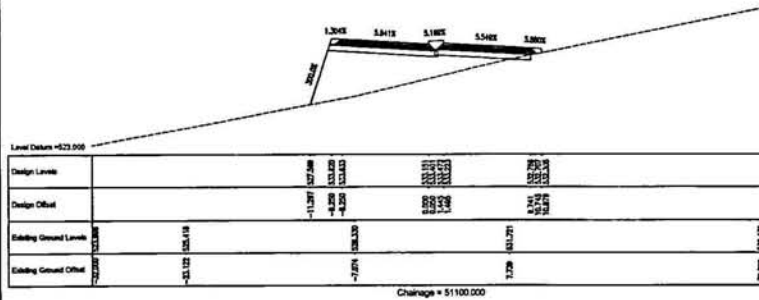
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NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION
CH. 50800.000 TO 51050.000
Drawing No.: SW/1019/ROADS/CS - 237
Scale: NOT TO BE SCALED
Dn: M.L.N. Dgn: K.PRASAD Appd: BRIG.C.D.PUR Date: JUNE-2009

Scott Wilson India Private Limited
45/29/4, 40th Cross, 4th Stage, Old Airport Road, New BELM - 110044
Tel: (011) 41679340 - 43 Fax: (011) 41679350 E-mail: swindia@gmail.com





Note:- Levels shown are wet assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1 A (km 0.00 to km 66.00) including Jammu/Turk Hegra and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-0718

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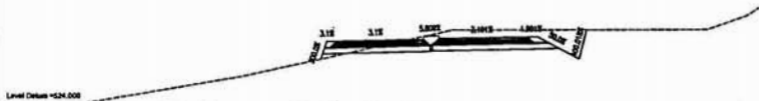
Drawing Title: CROSS SECTION CH. 51100.000 TO 51350.000
 Drawing No.: SW/1019/ROADS/CS - 238
 Scale: NOT TO BE SCALED
 Dgn: K.L.N
 Appd: K.PRASAD
 Date: JUNE-2009

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 Tel: (011) 41678340 - 49
 Fax: (011) 41679350
 E-mail: scwinc@scw.com

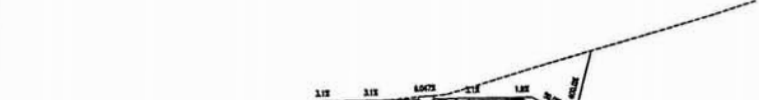




Level Datum = 528.000									
Design Levels									
Design Offset									
Existing Ground Levels									
Existing Ground Offset									
Chainage = 51400.000									



Level Datum = 524.000									
Design Levels									
Design Offset									
Existing Ground Levels									
Existing Ground Offset									
Chainage = 51450.000									



Level Datum = 528.000									
Design Levels									
Design Offset									
Existing Ground Levels									
Existing Ground Offset									
Chainage = 51500.000									



Level Datum = 527.000									
Design Levels									
Design Offset									
Existing Ground Levels									
Existing Ground Offset									
Chainage = 51550.000									



Level Datum = 527.000									
Design Levels									
Design Offset									
Existing Ground Levels									
Existing Ground Offset									
Chainage = 51600.000									



Level Datum = 528.000									
Design Levels									
Design Offset									
Existing Ground Levels									
Existing Ground Offset									
Chainage = 51650.000									

Note:-
Levels shown are not assumed data.

Project Title
Consulting services for preparation of detailed project report for Rehabilitation and upgrading of existing 2 lane road to 4-lane divided Carriageway configuration of Jammu - Udhampur section of NH-1 A (km 8.00 to km 85.00) including Jammu/Prac) Nagrota and Udhampur Bypass Phase - II Programme of North - South - corridor Project, Contract Package C-8718

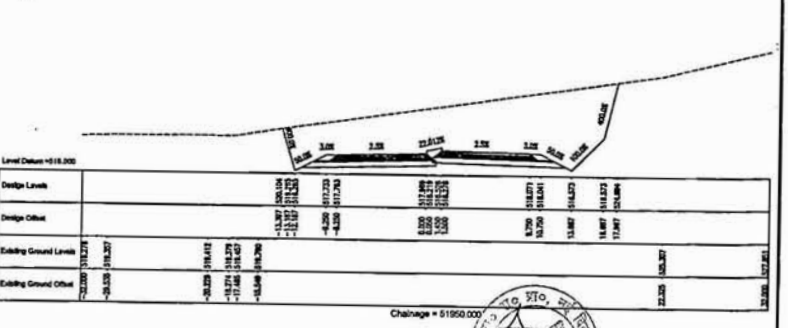
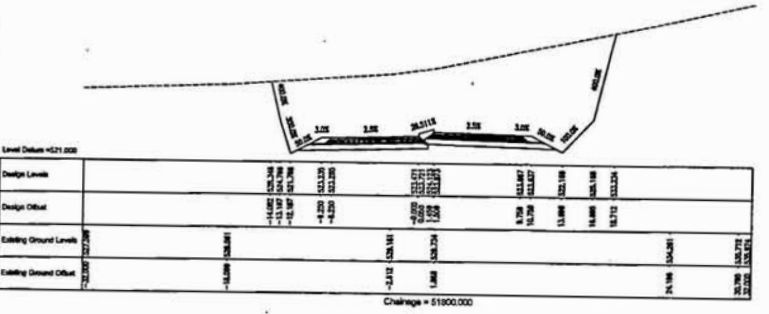
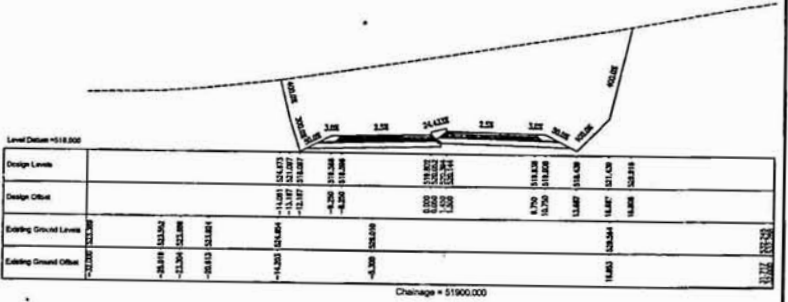
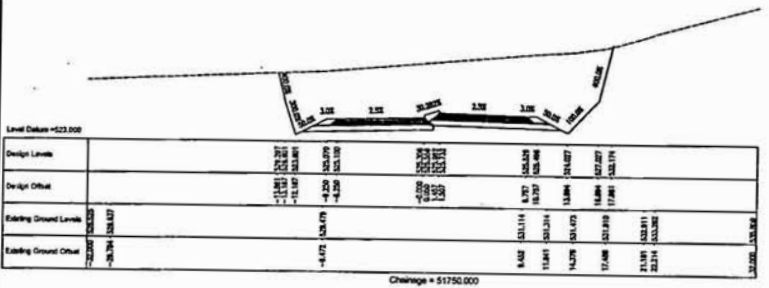
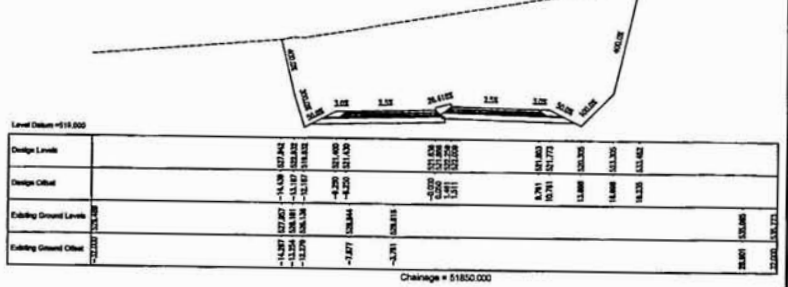
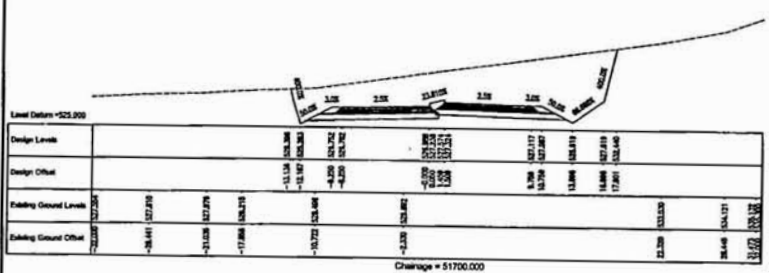
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Drawing Title:
CROSS SECTION
CH. 51400.000 TO 51650.000
Drawing No.: SW/1018/ROADS/CS - 239
Scale: NOT TO BE SCALED
Dn: K.L.N
Dgn: K.PRASAD
Appd: BRG.C.D.PURI
Date: JUNE-2009

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JANAK PURI DELHI - 110044
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E-mail: swindia@gmail.com





Note:- Levels shown are wet assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for Rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway configuration of Jammu - Udhampur section of NH-1A (from 2.00 to km 86.00) including Jammu(Ud) Nagrota and Udhampur Bypass Phase - III Programme of North-South corridor Project, Contract Package C-0118

All drawings shall be prepared in accordance with the standards of the Bureau of Indian Standards (BIS) and shall be subject to the approval of the Engineer-in-Charge. The Engineer-in-Charge shall be responsible for the accuracy of the data and the correctness of the design. The contractor shall be responsible for the execution of the work in accordance with the approved drawings and specifications.

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 (Ministry of Shipping, Road Transport & Highways)

Drawing Title: CROSS SECTION CH. 51700.000 TO 51950.000

Drawing No.: SW/1019/ROADS/CS - 240

Scale: NOT TO BE SCALED

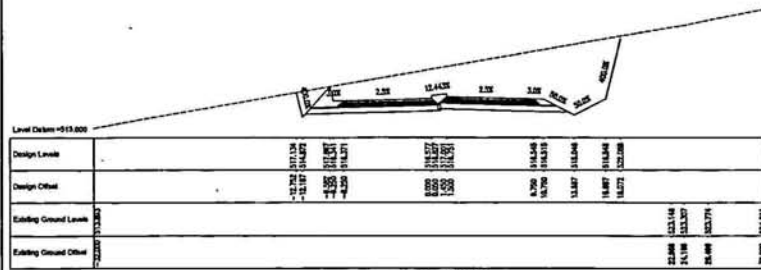
Dim: K.L.N

Dgn.: K.PRASAD

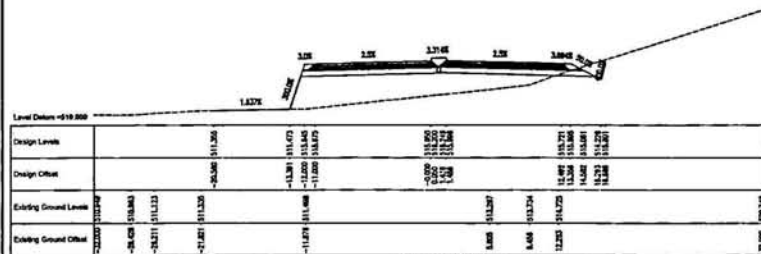
Appd: BRIG.C.D.PURI

Date: JUNE-2009

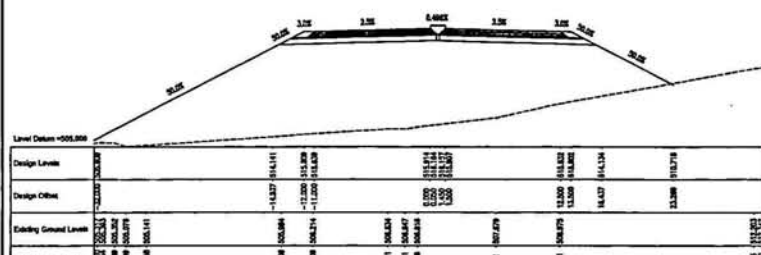
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 Fax: (011) 41579350
 E-mail: swi@swiindia.com



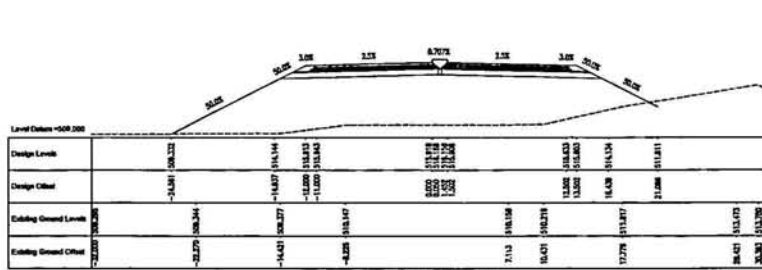
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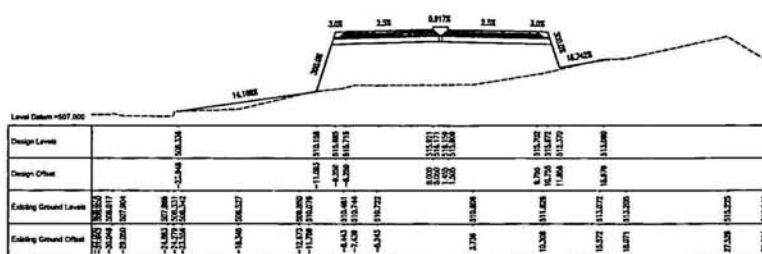
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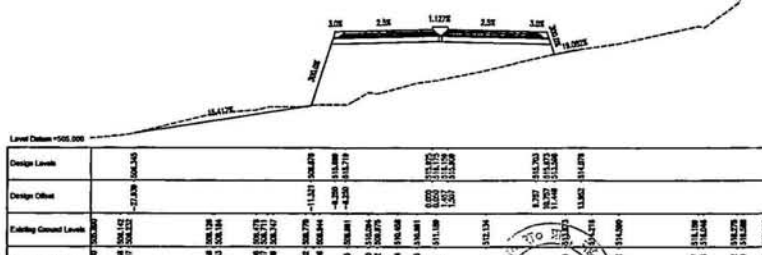
Chirnage = 52100.000



Chirnage = 52150.000



Chirnage = 52200.000



Chirnage = 52250.000

Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for
 Rehabilitation and upgrading of existing 2-lane road to 4-lane divided
 carriageway configuration of Jammu - 108kmner section of NH 17A
 (from 5.00 to km 08.00) including Jammu(NW) Bypass and Matheran
 Bypass Phase - II Programme of North - South - corridor Project,
 Contract Package C-07/18

Client
**NATIONAL HIGHWAYS
 AUTHORITY OF INDIA**
 (Ministry of Shipping, Road Transport & Highways)

Drawing Title:
**CROSS SECTION
 CH. 52000.000 TO 52250.000**

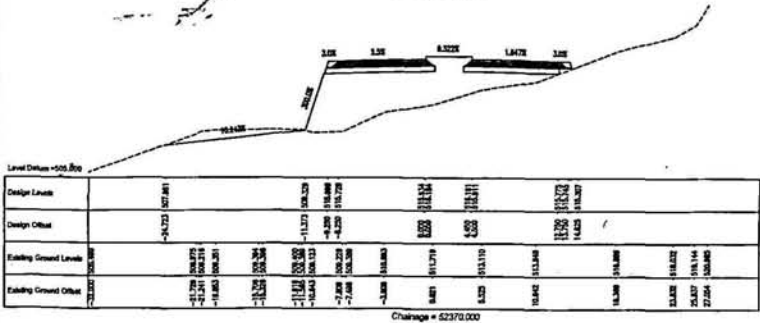
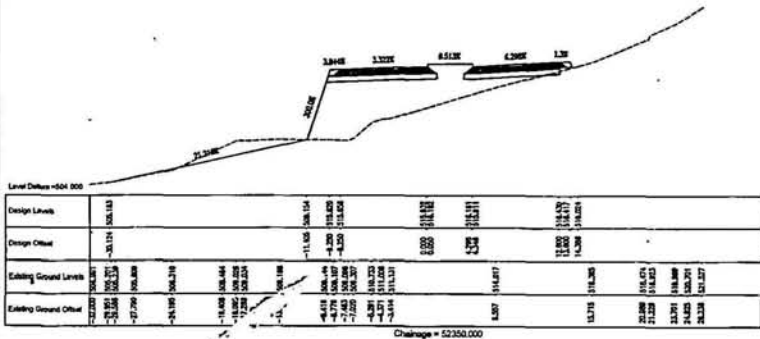
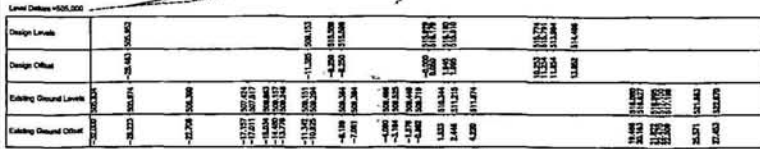
Drawing No. : SW/1019/ROADS/C/S - 241 Sheet :
 Scale :- NOT TO BE SCALED

Date :
 Dpt: K.L.N Appd: K.PRASAD
 BNG.C.D.PUR Date: JUNE-2009



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 Fax: (011) 41679350
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Note:- Levels shown are not assumed datum.

Project Title
 Consultancy services for preparation of detailed project report for rehabilitation and upgrading of existing 2-lane road to 4-lane divided carriageway occupation of Jarwal - Unlthampur section of NH-14 A (km 0.00 to km 05.00) including Jarwal/Fard Begra and Unlthampur Bypass Phase - II Programme of North - South corridor Project, Contract Package C.0818

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Drawing Title: CROSS SECTION CH. 52300.000 TO 52370.000
Drawing No.: SW/1019/ROADS/CS - 242
Scale: NOT TO BE SCALED
Drawn: K.L.N
Design: K.PRASAD
Appd: BRG.C.D.PURI
Date: JUNE-2009

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