

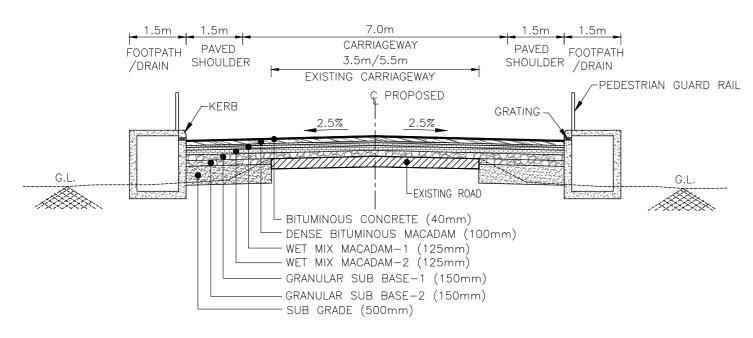
#### TYPICAL CROSS SECTION (TYPE: TS-01) FOR RECONSTRUCTION FROM GSB TWO-LANE WITH PAVED SHOULDER

CARRAIGEWAY 150mm THK. GRANULAR MATERIAL GENERAL FILL DENSE BITUMINOUS MACADAM (100mm) SELECTED FILL WET MIX MACADAM-1 (125mm) WET MIX MACADAM-2 (125mm) -GRANULAR SUB BASE (150mm)

#### SUB GRADE (500mm) TYPICAL CROSS SECTION (TYPE: TS-03) NEW CONSTRUCTION FOR REALIGNMENT PORTION TWO-LANE WITH PAVED SHOULDER

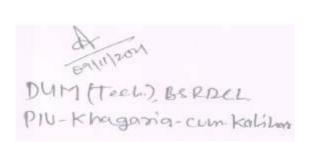
SCALE-1:100

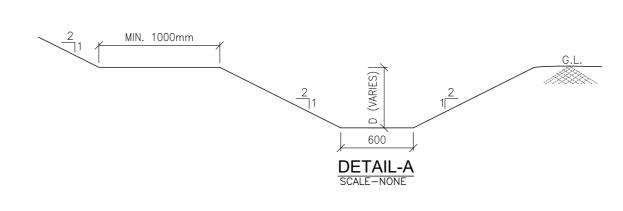
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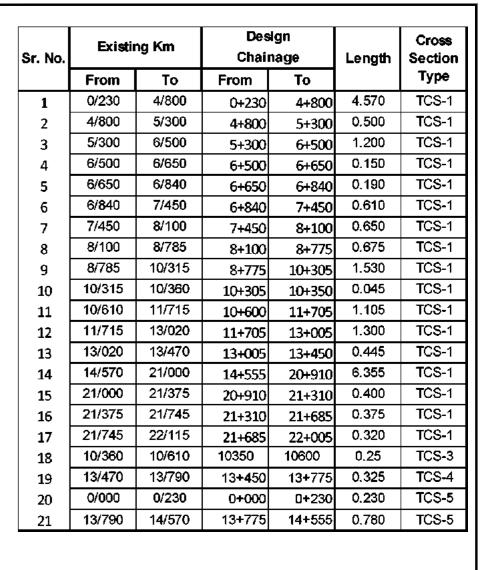


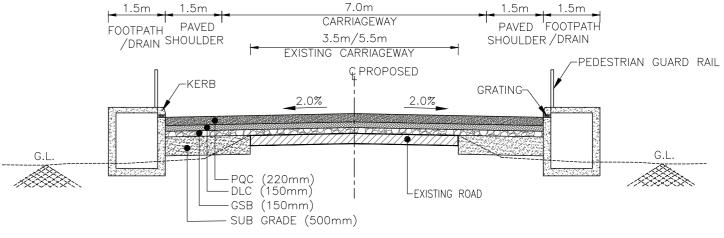
#### TYPICAL CROSS SECTION (TYPE: TS-04) FOR RECONSTRUCTION FROM **GSB IN URBAN SECTION - FLEXIBLE** TWO-LANE PAVED SHOULDER WITH LINED DRAIN SCALE-1:100

PROJECT:

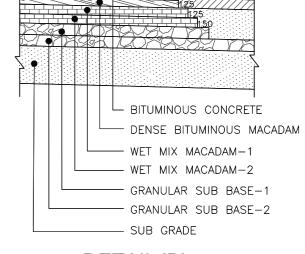








# TYPICAL CROSS SECTION (TYPE: TS-05) FOR RECONSTRUCTION FROM GSB IN URBAN SECTION - RIGID TWO-LANE PAVED SHOULDER WITH LINED DRAIN SCALE-1:100



**DETAIL 'B'** SCALE-1:50





Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)

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GRANULAR SUB BASE-2 (150mm



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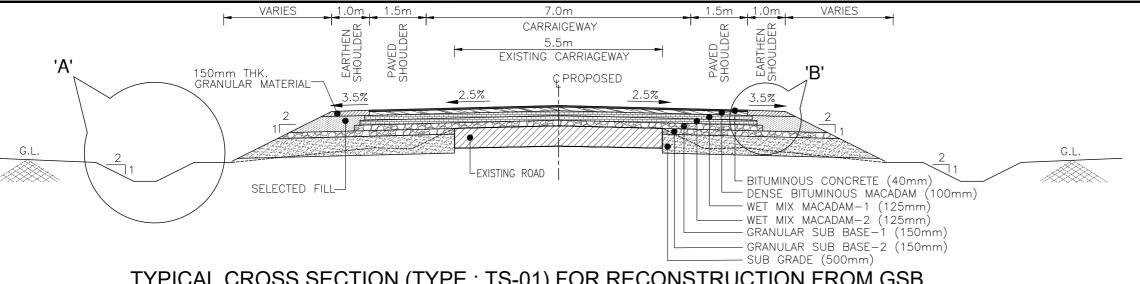
REV. DATE

SCALE : AS SHOWN

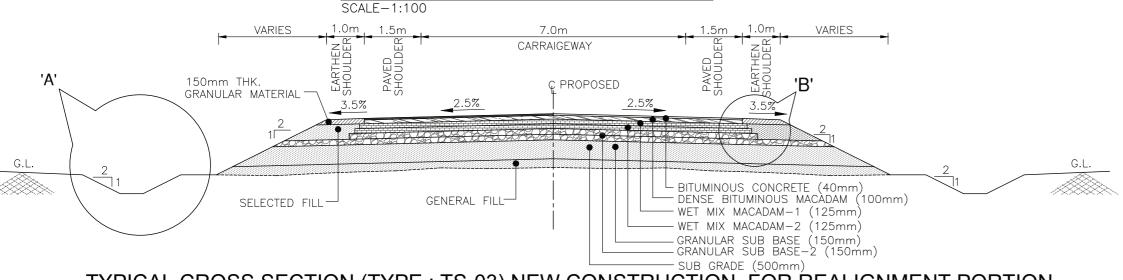
DRAWN BY : R.K. CHECKED BY : A.S. APPROVED BY : J.D. SIGN | ISSUED BY : B.S.

BAYSI - RAUTA TYPICAL CROSS SECTION (PACKAGE - I)

SAI-213007/DPR/M/TYP/CS - 01



### TYPICAL CROSS SECTION (TYPE: TS-01) FOR RECONSTRUCTION FROM GSB TWO-LANE WITH PAVED SHOULDER



BITUMINOUS CONCRETE DENSE BITUMINOUS MACADAM WET MIX MACADAM-1 WET MIX MACADAM-2 GRANULAR SUB BASE-1 - GRANULAR SUB BASE-2 - SUB GRADE

**DETAIL 'B'** SCALE-1:50

#### Chainage Sr. No. Length Section Type From To From To 23/525 26/415 23+405 26+290 2.885 TCS-1 26/515 26/625 26+510 0.120 TCS-1 26+390 26/815 28/450 26+700 1.490 28+190 28/540 29/300 0.760 TCS-1 28+280 29+040 29/300 TCS-1 29/650 29+040 0.350 29+390 29/650 30/300 TCS-1 29+390 30+040 0.650 30/300 30/600 TCS-1 30+040 0.300 30+340 30/600 33/055 TCS-1 30+340 32+790 2.450 TCS-1 33/055 33/205 32+790 32+940 0.150 33/340 33/205 32+940 33+075 0.135 10 34/255 35/290 1.050 TCS-1 11 33+990 35+040 35/290 36/700 1.400 TCS-1 12 35+040 36+440 36/700 37/050 0.350 TCS-1 13 36+440 36+790 37/050 37/250 0.200 TCS-1 36+790 36+990 14 38/375 37/250 1.150 TCS-1 15 36+990 38+140 38/550 39/450 0.875 TCS-1 16 38+315 39+190 39/750 42/760 TCS-1 17 39+490 42+490 3.000 43/310 45/280 43+040 45+015 1.975 18 26/515 TCS-3 19 26/415 26+290 26+390 0.100 TCS-3 20 26/625 26/815 26+510 26+700 0.190 TCS-3 28/450 28/540 28+190 28+280 0.090 21 38/375 38/550 TCS-3 22 38+140 38+315 0.175 22/115 22/675 0.550 TCS-4 23 22+005 22+555 23/525 TCS-4 23/175 23+055 23+405 0.350 24 33/805 TCS-4 33/340 33+075 33+540 0.465 25 22/675 23/175 22+555 23+055 0.500 TCS-5 26 33/805 34/255 0.450 TCS-5 27 33+540 33+990 39/450 39/750 0.300 TCS-5 39+190 39+490 28 42/760 43/310 0.550 TCS-5 42+490 43+040

Design

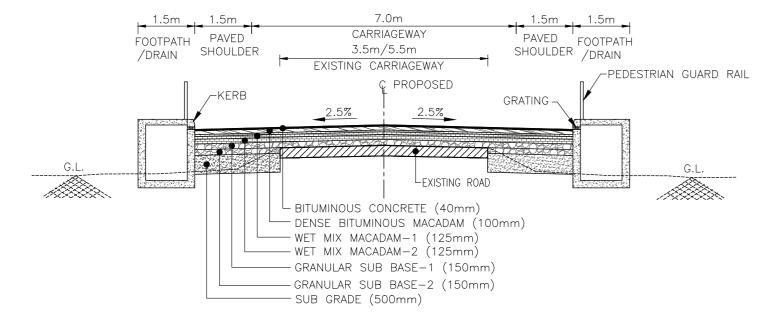
**Existing Km** 

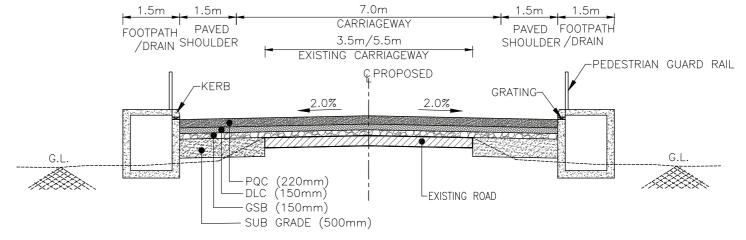
Cross

# TYPICAL CROSS SECTION (TYPE: TS-03) NEW CONSTRUCTION FOR REALIGNMENT PORTION

TWO-LANE WITH PAVED SHOULDER

SCALE-1:100

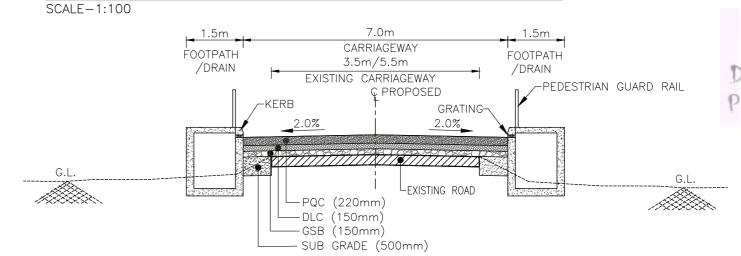


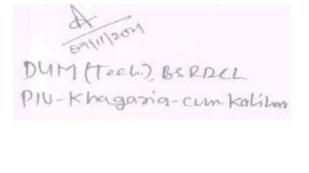


#### TYPICAL CROSS SECTION (TYPE: TS-05) FOR RECONSTRUCTION

FROM GSB IN URBAN SECTION - RIGID

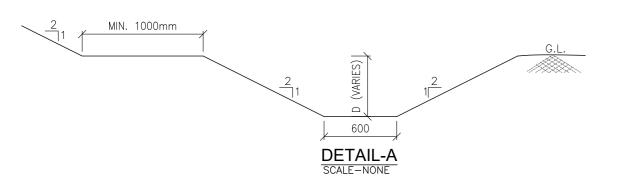
#### TWO-LANE PAVED SHOULDER WITH LINED DRAIN





### TYPICAL CROSS SECTION (TYPE: TS-04) FOR RECONSTRUCTION FROM **GSB IN URBAN SECTION - FLEXIBLE** TWO-LANE PAVED SHOULDER WITH LINED DRAIN

PROJECT:



SCALE-1:100

# TYPICAL CROSS SECTION (TYPE: TS-06) FOR RECONSTRUCTION FROM GSB IN URBAN SECTION WITH RESTRICTED 10.0m FORMATION WIDTH RIGID TWO-LANE WITH LINED DRAIN

(Note:- Applicable if required during execution in Urban Section)

SCALE-1:100





CLIENT:

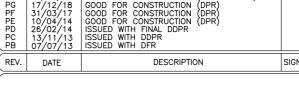
Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)

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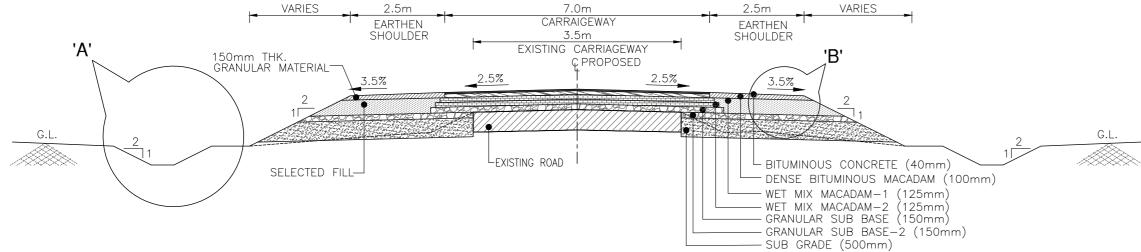


TITLE: RAUTA-MAHADEV DIGHI CHOW CHECKED BY : A.S. TYPICAL CROSS SECTION APPROVED BY : J.D. (PACKAGE - II) SIGN SIGN : B.S.

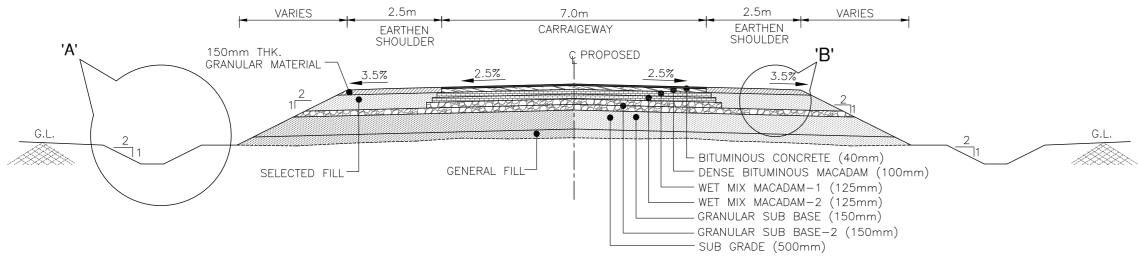
SAI-213007/DPR/M/TYP/CS - 01

Block-A "SAI House",Satyam Corporate Square, B/h Rajpath Club,Bodakdev,Ahmedabad-380059 Gujarat,India Phone: +91-79-66142600/700,Fax:+91-79-66142800 SCALE : AS SHOWN Email: mail@saiindia.com

REVISION: PG



# TYPICAL CROSS SECTION (TYPE: TS-02) FOR RECONSTRUCTION FROM GSB TWO-LANE WITH EARTHEN SHOULDER

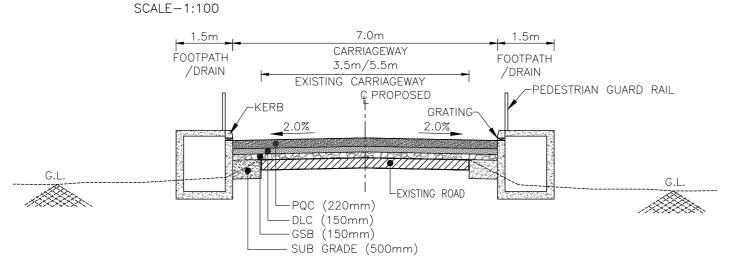


### TYPICAL CROSS SECTION (TYPE: TS-03A) NEW CONSTRUCTION FOR REALIGNMENT PORTION TWO-LANE WITH EARTHEN SHOULDER

#### SCALE-1:100 CARRIAGEWAY FOOTPATH PAVED PAVED FOOTPATH SHOULDER / DRAIN 3.5 m / 5.5 m/DRAIN SHOULDER EXISTING CARRIAGEWAY -PEDESTRIAN GUARD RAIL © PROPOSED — DLC (150mm) LEXISTING ROAD ——GSB (150mm) - SUB GRADE (500mm)

# TYPICAL CROSS SECTION (TYPE: TS-05) FOR RECONSTRUCTION FROM GSB IN URBAN SECTION - RIGID

# TWO-LANE PAVED SHOULDER WITH LINED DRAIN



# TYPICAL CROSS SECTION (TYPE: TS-06) FOR RECONSTRUCTION FROM GSB IN URBAN SECTION

(Note:- Applicable if required during execution in Urban Section)

SCALE-1:100



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REV. DATE

DRAWN BY : R.K. CHECKED BY : A.S. APPROVED BY : J.D. SIGN | ISSUED BY : B.S. TITLE: LRP CHOWK (BAHADURGANJ) TYPICAL CROSS SECTION (PACKAGE - III)

SAI-213007/DPR/M/TYP/CS - 01 REVISION: PG

WITH RESTRICTED 10.0m FORMATION WIDTH RIGID TWO-LANE WITH LINED DRAIN

PROJECT:

Design

Chainage

59+560

63+360

68+005

70+905

72+065

72+450

71+045

53855

54985

59+760

63+560

68+305

72+265

From

54+985

59+760

63+560

68+305

71+045

72+265

70+905

52115

53+855

59+560

63+360

68+005

72+065

Existing Km

56/400 | 60/970

61/165 64/760

69/710 72/300

69/410

73/455

73/840

72/440

25/740

56/400

61/165

64/960

69/710

73/655

600

DETAIL-A

- BITUMINOUS CONCRETE

WET MIX MACADAM-1

- WET MIX MACADAM-2 - GRANULAR SUB BASE-1 GRANULAR SUB BASE-2

- SUB GRADE

**DETAIL 'B'** 

SCALE-1:50

DENSE BITUMINOUS MACADAM

From

64/960

72/440

73/655

72/300

24/000

55/280

60/970

64/760

69/410

73/455

Sr. No.

2

3

5

9

10

11

12 13

MIN. 1000mm

Cross

Section

Type

TCS-2

TCS-2

TCS-2

TCS-2

TCS-2

TCS-2

TCS-3A

TCS-5

TCS-5

TCS-5

TCS-5

TCS-5

TCS-5

Length

4.575

3.600

4.445

2.600

1.020

0.185

0.140

1.74

1.130

0.200

0.200

0.300

0.200

CLIENT:

Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)

DUM (Tech) BERDEL

PIU-Khagania-cum kalilum

SCALE : AS SHOWN