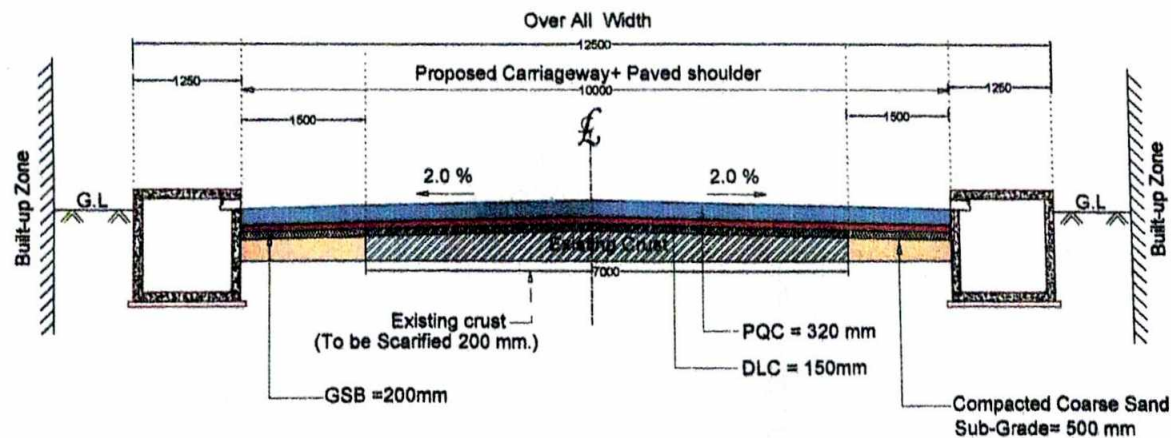


Typical Cross Section (Type-1)

Applicable from and to Chainage		
Type-1	70.950	71.450
Type-1	72.500	73.025
Type-1	86.200	87.000
Type-1	88.050	88.275



Typical Cross Section (Type-2)

Applicable from and to Chainage		
Type-2	71.450	72.500
Type-2	76.150	79.000
Type-2	84.200	86.200
Type-2	87.000	87.550
Type-2	88.275	90.050
Type-2	91.400	94.275
Type-2	95.450	97.450
Type-2	98.050	98.825
Type-2	99.800	101.100
Type-2	101.600	103.150

Consultants :

TRANSTEK ENGINEERS & SERVICES PVT. LTD.  
SHIVPURI, PATNA - 800 023

11/01/2021

Zero

DESIGNED BY

CHECKED BY

J. E. NH.

A. E. NH.

E. E. NH.

BHAGALPUR

MINISTRY OF ROAD TRANSPORT & HIGHWAYS  
Government of India

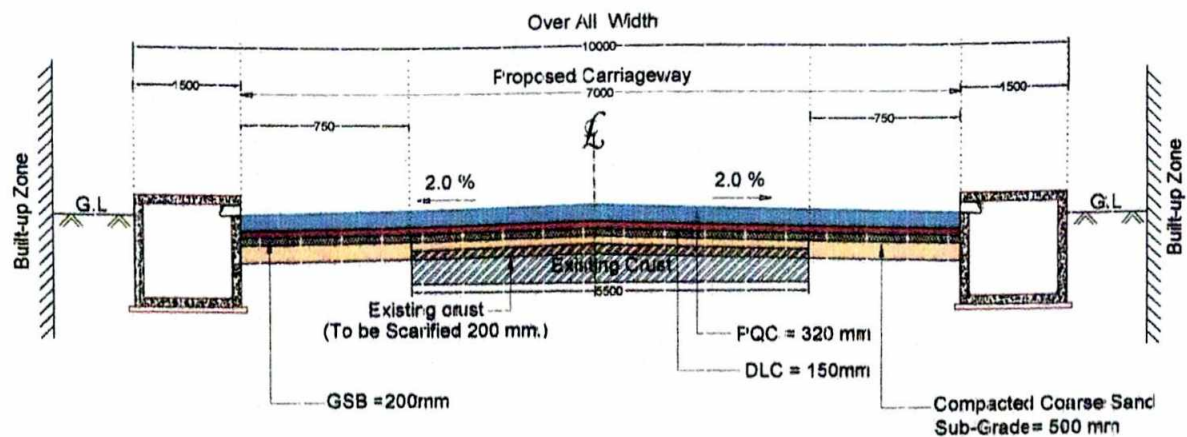
Up-Grading, widening and Strengthening work for 2 / 2- Lane with Paved Shouldering  
of Existing National Highway 80 Alignment from Km. 69.40 to Km. 121.00 Munger -  
Barharpur - Sultanganj - Bhagalpur Section in the state of Bihar.

Typical C/S of Highway

SCALE - NTS

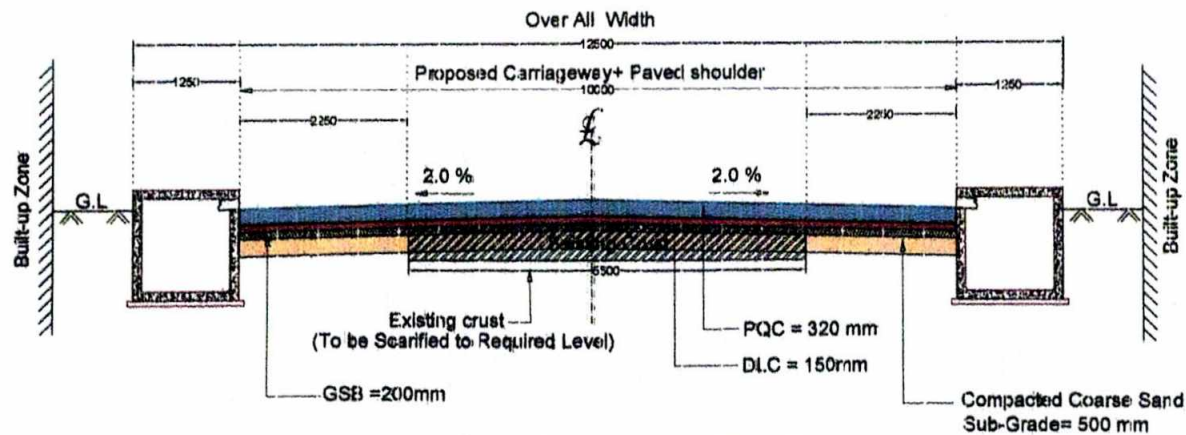
Drn. By - Rajesh

Drn. No - NH-8052



Typical Cross Section (Type-3)

Applicable from and to Chainage		
Type-3	107.000	107.450
Type-3	112.000	112.750

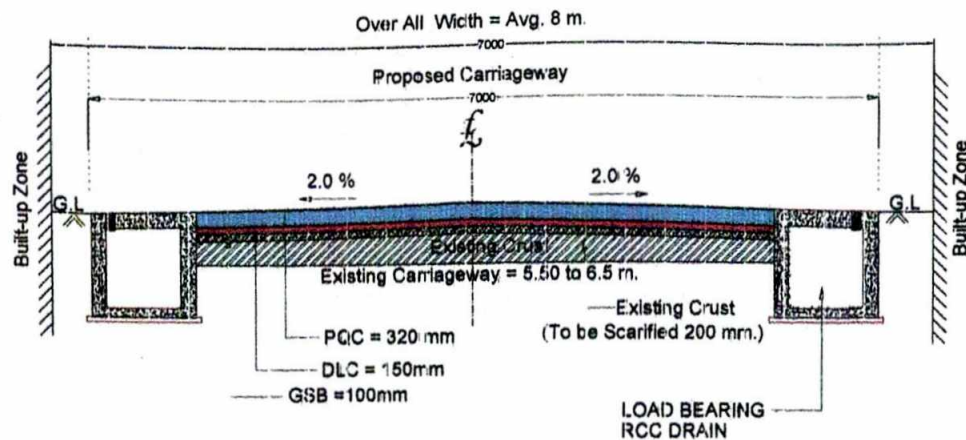


Typical Cross Section (Type-4)

Applicable from and to Chainage		
Type-4	109.900	112.000
Type-4	112.750	115.250
Type-4	117.950	118.225

Consultants		TRANSTEX ENGINEERS & SERVICES PVT. LTD. SHEVPURI, PATNA- 800 023		11/1/2021		Zero		DESIGNED BY		CHECKED BY		J. E. NH.		A. E. NH.		E. E. NH.		MINISTRY OF ROAD TRANSPORT & HIGHWAYS Government of India		Up-gradation widening and Strengthening work for 2/2-Lane with Paved Shouldering of Existing National Highway 80 Alignment from Km. 09.40 to Km. 121.00 Munger - Beriapur - Sultanganj - Bhagpur Section in the state of Bihar.		Typical C/S of Highway		SCALE - NTS		D'n. By - Rajesh		D'g. No. - NH-80/53	
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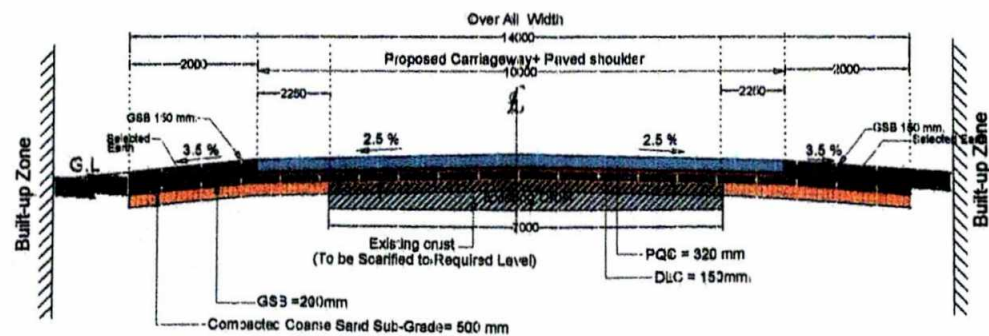




Typical Cross Section (Type-5)

Applicable from and to Chainage

Type-5	103.150	107.000
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Typical Cross Section (Type-6)

Applicable from and to Chainage

Type-6	80.600	84.200
Type-6	87.550	88.050

Consultants:

TRANSTEK ENGINEERS & SERVICES PVT. LTD.  
SHIVPURI, PATNA- 800 023

11/11/2021

Zero

DESIGNED BY

CHECKED BY

J. E. NH.

A. E. NH.

SUB - DIVIN

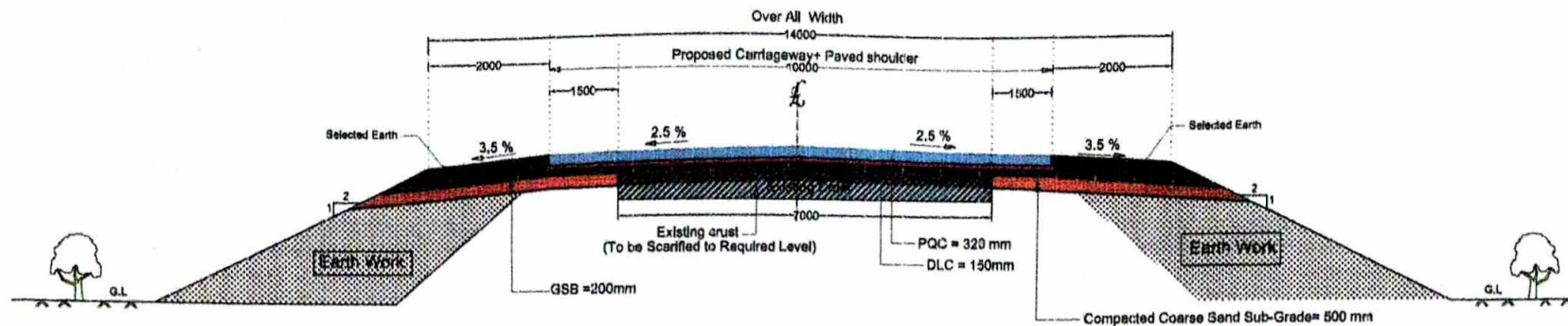
BHAGALPUR

MINISTRY OF ROAD TRANSPORT & HIGHWAYS  
Government of India

Up-Grading widening and Strengthening work for 2 1/2- Lane with Paved Shouldering of Existing National Highway 80 Alignment from Km. 09.40 to Km. 121.00 Munger - Beriarpur - Sultanganj - Bhagalpur Section in the state of Bihar.

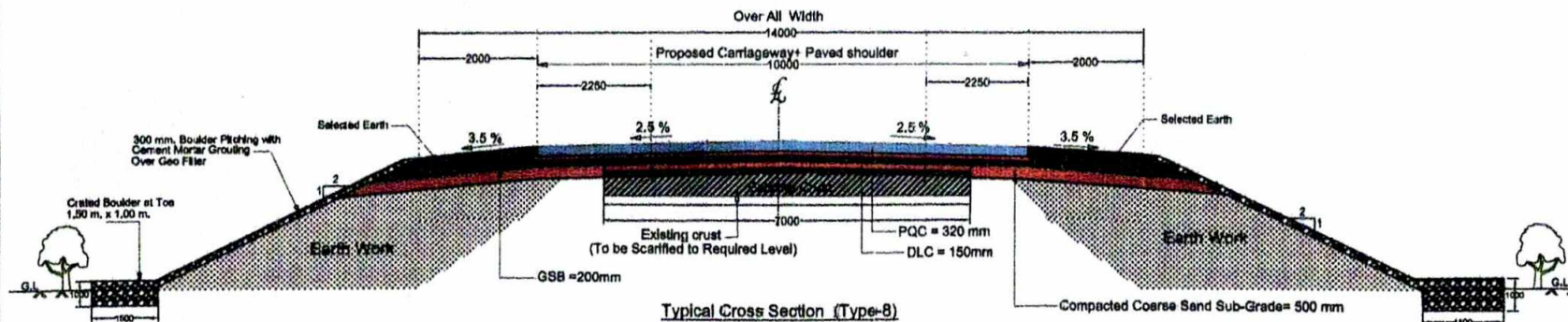
Typical C/S of Highway

SCALE - NTS  
Dr. By - Ramesh  
Dr. No - NH-80/54



Typical Cross Section (Type-7)

Applicable from and to Chainage		
Type-7	70.150	70.950
Type-7	73.025	76.150
Type-7	79.000	80.600
Type-7	90.050	91.400







Typical Cross Section (Type-8)

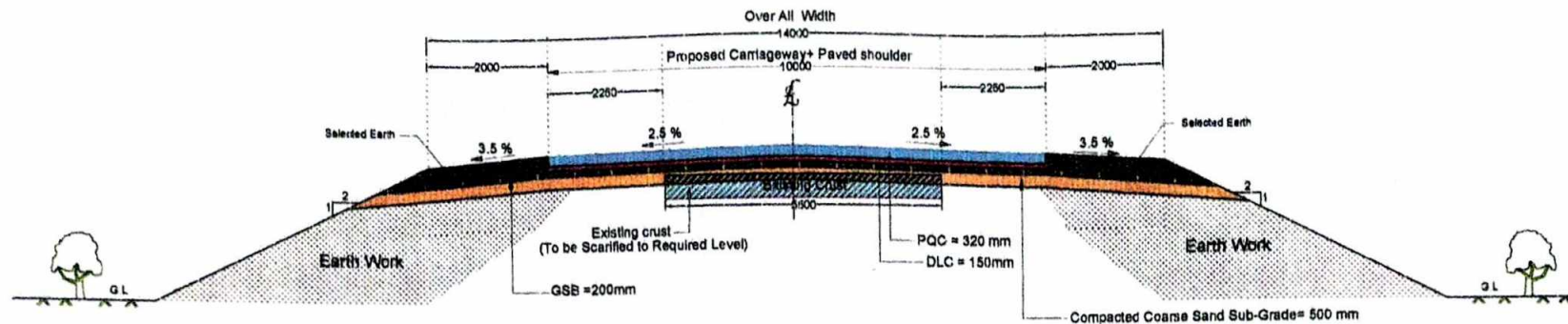
Applicable from and to Chainage		
Type-8	94.275	94.950
Type-8	98.825	99.800
Type-8	101.100	101.600

Note : At some Location only One side slope Protection will be Required and At some Location Both side Protection work Required.

The Actual Required slope Protection Work shall be Carried out as per Direction of Authority / Authority Engineer. Payment shall be done as per actual.

Consultants :								MINISTRY OF ROAD TRANSPORT & HIGHWAYS Government of India		Typical C/S of Highway	SCALE -	NTS
	TRANSTEX ENGINEERS & SERVICES PVT. LTD. SHIVPURI, PATNA- 800 023	11/01/2021	Zero					Up-gradation, widening and Strengthening work for 2 / 2- Lane with Paved Shouldering of Existing National Highway 80 Alignment from Km. 69.40 to Km. 121.00 Munger - Barhampur - Sultangari - Bhagalpur Section in the state of Bihar.	Des. By -		Rajesh	
	DATE	REVISION NO.	DESIGNED BY	CHECKED BY	J. E. NH. SECTION	A. E. NH. SUB - DIVIN	E. E. NH. BHAGALPUR		Dr. No. -		NH-80/55	

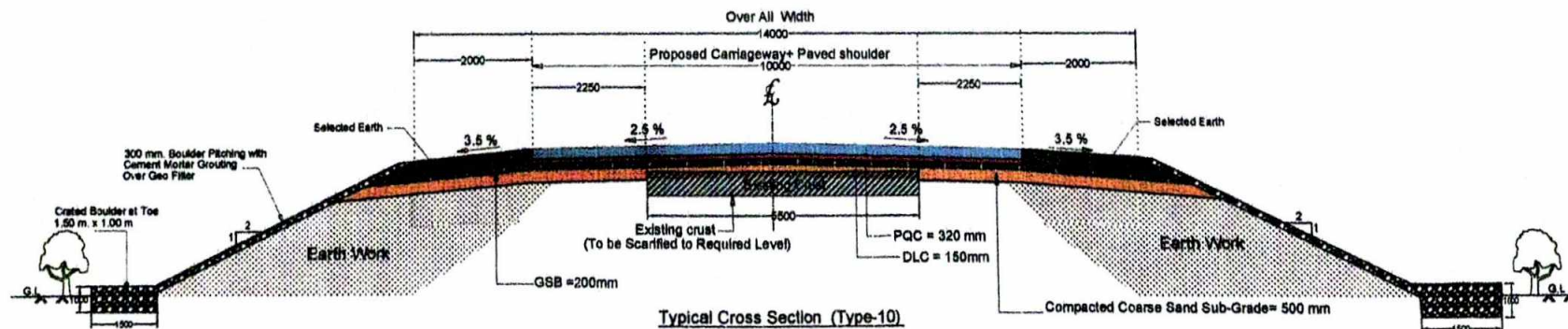




Typical Cross Section (Type-9)

Applicable from and to Chainage

Type-9	107.450	109.375
Type-9	115.250	115.600
Type-9	116.125	117.950
Type-9	118.225	120.250



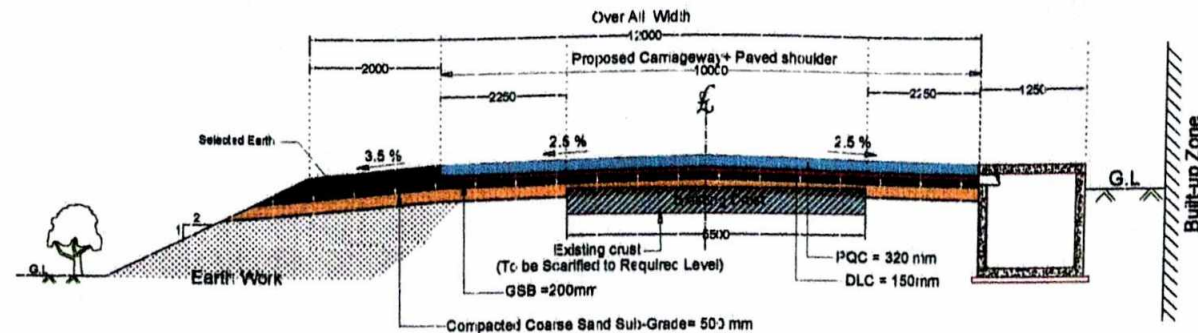
Typical Cross Section (Type-10)

Note : At some Location only One side slope Protection will be Required and At some Location Both side Protection work Required.

The Actual Required slope Protection Work shall be Carried out as per Direction of Authority / Authority Engineer. Payment shall be done as per actual.

Applicable from and to Chainage		
Type-10	120.700	121.025

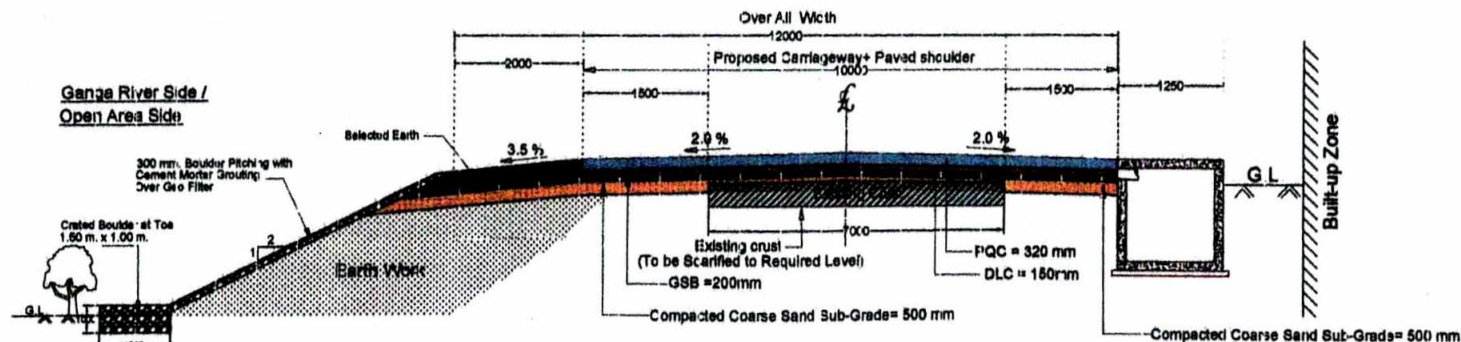
Consultants:					MINISTRY OF ROAD TRANSPORT & HIGHWAYS Government of India		Typical C/S of Highway	SCALE -	NTS
TRANSTEK ENGINEERS & SERVICES PVT. LTD. SHIVPURI, PATNA- 800 023	11/01/2021	Zero	<i>Design</i>	<i>Check</i>	J. E. NH.	A. E. NH.		Drn. By -	Rajesh
	DATE	REVISION NO.	DESIGNED BY	CHECKED BY	SECTION	SUB - DIVIN		Drn. No. -	NH-80/56
Up-gradation, widening and Strengthening work for 2 / 2- Lane with Paved Shouldering of Existing National Highway 80 Alignment from Km. 69.40 to Km. 121.00 Munger - Barierpur - Sultanganj - Bhagalpur Section in the state of Bihar.									



**Typical Cross Section (Type-11)**

Note : At some Location only One side slope Protection will be Required and At some Location Both side Protection work Required.  
The Actual Required slope Protection Work shall be Carried out as per Direction of Authority / Authority Engineer. Payment shall be done as per actual.

Applicable from and to Chainage		
Type-11	109.375	109.900
Type-11	115.600	116.125
Type-11	120.250	120.700



**Typical Cross Section (Type-12)**

Note : At some Location only One side slope Protection will be Required and At some Location Both side Protection work Required.  
The Actual Required slope Protection Work shall be Carried out as per Direction of Authority / Authority Engineer. Payment shall be done as per actual.

Applicable from and to Chainage		
Type-12	94.950	95.450
Type-12	97.450	98.050

Consultants:				MINISTRY OF ROAD TRANSPORT & HIGHWAYS Government of India				SCALE : NTS	
TRANSTEK ENGINEERS & SERVICES PVT. LTD. SHIVPURI PATNA- 800 023				Up-gradation, widening and Strengthening work for 2 / 2- Lane with Paved Shouldering of Existing National Highway 8C Alignment from Km. 89.40 to Km. 121.00 Munger - Barhampur - Sultanganj - Bhagalpur Section in the state of Bihar.				Typical C/S of Highway	
11/21/2021	Zero	DESIGNED BY	CHECKED BY	J. E. NH.	A. E. NH.	E. E. NH.		Drn. By -	Rajesh
DATE	REV SION NO.	DESIGNED BY	CHECKED BY	SECTION	SUB - DIVIN	BHAGALPUR		Drp. No. -	N-8057