

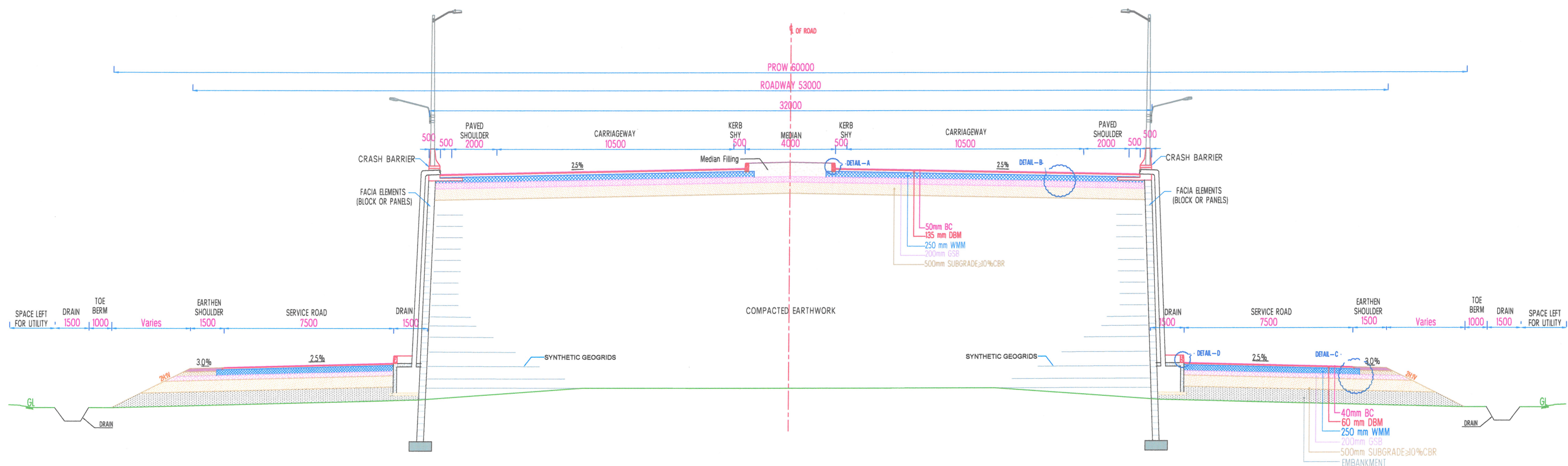
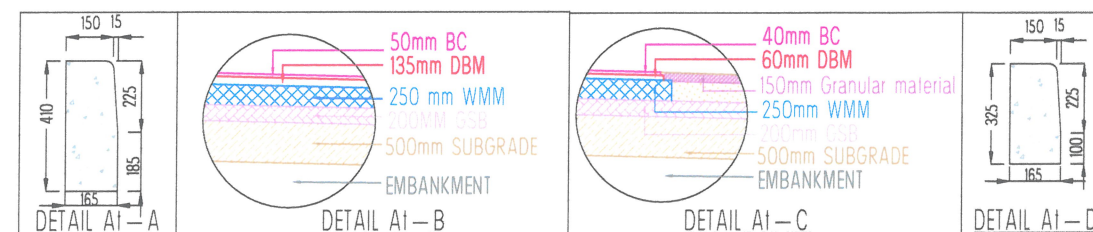


FIG. :5(B)
New Construction of Underpass Approches with Service Road
(On New Alignment)

Design Chainage			
S. N.	From	To	Length (km.)
1	39.800	40.300	0.500
2	45.200	45.800	0.600
3	46.300	46.900	0.600
4	49.000	49.600	0.600
5	50.200	50.800	0.600
6	54.900	55.400	0.500
7	71.700	72.800	1.100
8	78.500	79.300	0.800
Total Length (Km)			5.300

Project Director
20-01-20
National Highway Authority of India
PIU-Meerut

Note :- 1. Depth of Drain Shall Vary as per Adjoining GL
2. All Dimensions are in mm unless & Otherwise Specified.



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NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Road Transport & Highways, Govt of India)
Project Implementation Unit, Meerut -250 001

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R0	06-05-16	DRAFT DETAILED PROJECT REPORT	AAK	PUB	MNJ
R0	25-10-15	DRAFT FEASIBILITY REPORT	AAK	PUB	MNJ

CONSULTANT -
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Shivam, 16 NIT Layout, Ravinagar,
Nagpur-440033 Maharashtra, India.
Ph : (0712)2556402, Fax : 2556403
Email : contact@knjprojects.com

NAME OF WORK:

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Package II- Starts from Jhunjhuni at km 39.250(ex. km 39+240), and End at km. 79.500 (Ex. Ch: 86+590)
(At Proposed Bijnor Bypass End) of NH-119 Design Length-40.250km

DRG. NO. 376/KJ/FDPR/UP/MN/PK-II/ TYP-6 R 0
SCALE NTS

TITLE:
Typical Cross Section
Fig-5-b

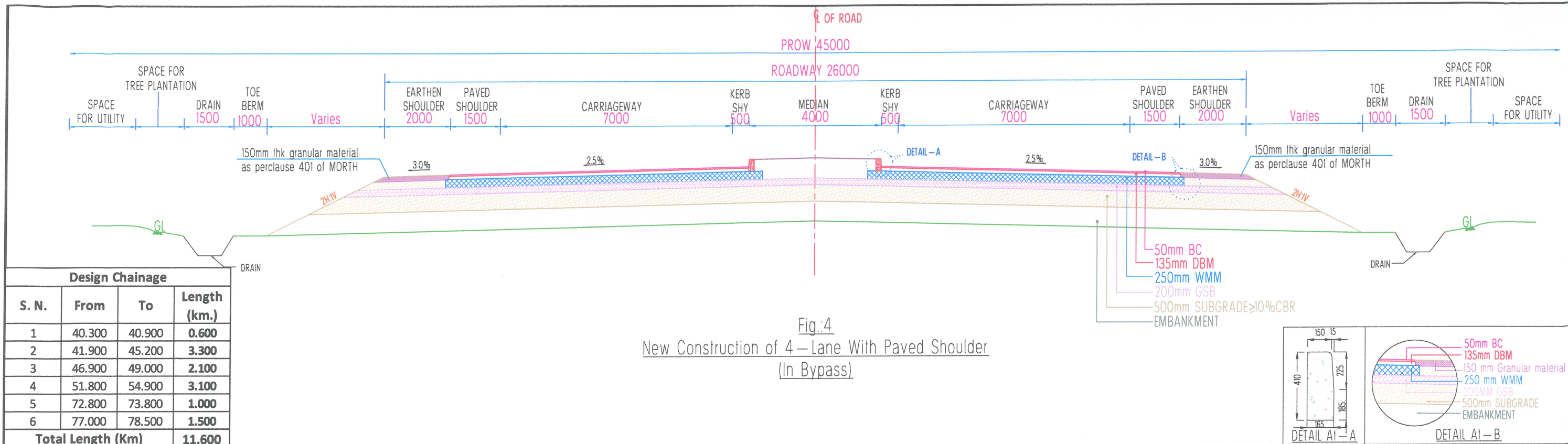


Fig. 4
New Construction of 4-Lane With Paved Shoulder
(In Bypass)

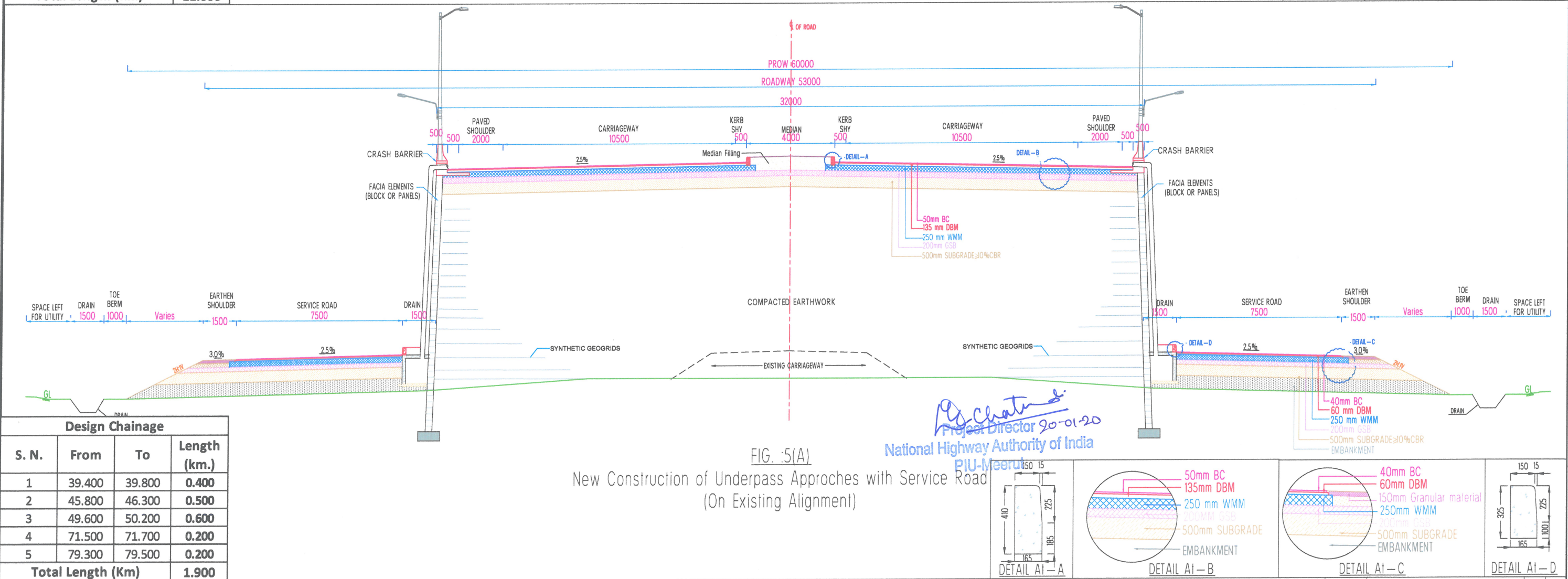
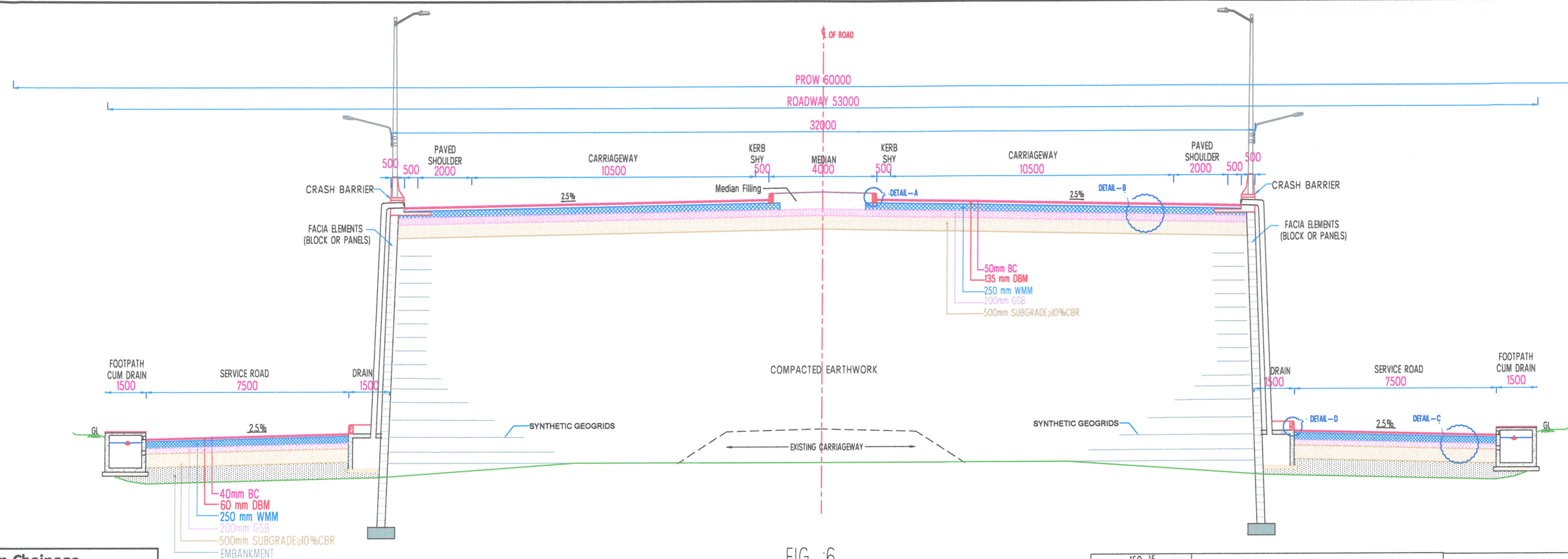
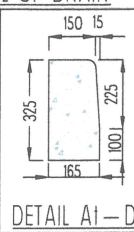
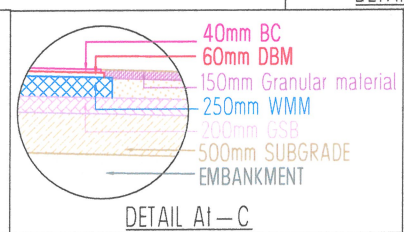
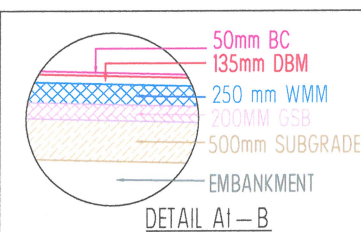
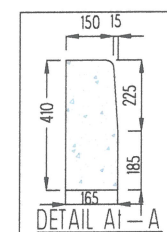


FIG. 5(A)
New Construction of Underpass Approches with Service Road
(On Existing Alignment)

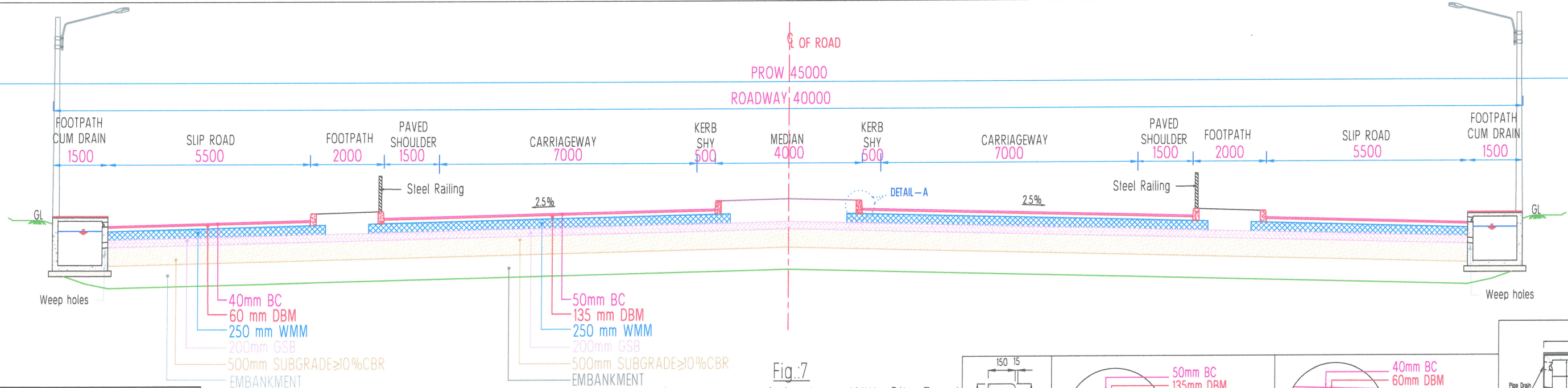


Design Chainage			
S. N.	From	To	Length (km.)
1	55.400	56.000	0.600
Total Length (Km)			0.600

FIG. 6
New Construction of Underpass Approches with Service Road
(On Existing Alignment)

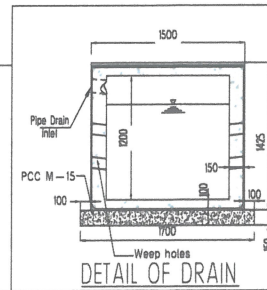
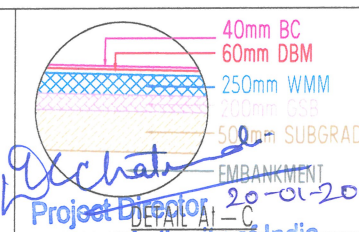
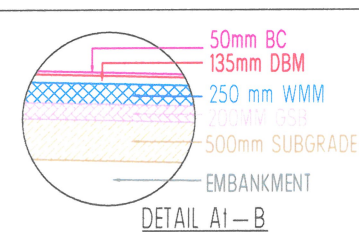
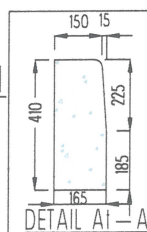


DETAIL OF DRAIN



Design Chainage			
S. N.	From	To	Length (km.)
1	74.700	76.000	1.300
Total Length (Km)			1.300

Fig. 7
New Construction of 4-Lane With Slip Road
(In Open Country)



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R0	06-05-16	DRAFT DETAILED PROJECT REPORT	AAK	PUB	MNJ
R0	25-10-15	DRAFT FEASIBILITY REPORT	AAK	PUB	MNJ

CONSULTANT -



K & J Projects Pvt. Ltd.
Shivam, 16 NIT Layout, Ravinagar,
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(At Proposed Bijnor Bypass End) of NH-119 Design Length-40.250km

DRG. NO. 376/KJ/FDPR/UP/MN/PK-II/ TYPCS-7 R 0

SCALE NTS

TITLE:

Typical Cross Section
Fig-6 & fig-7

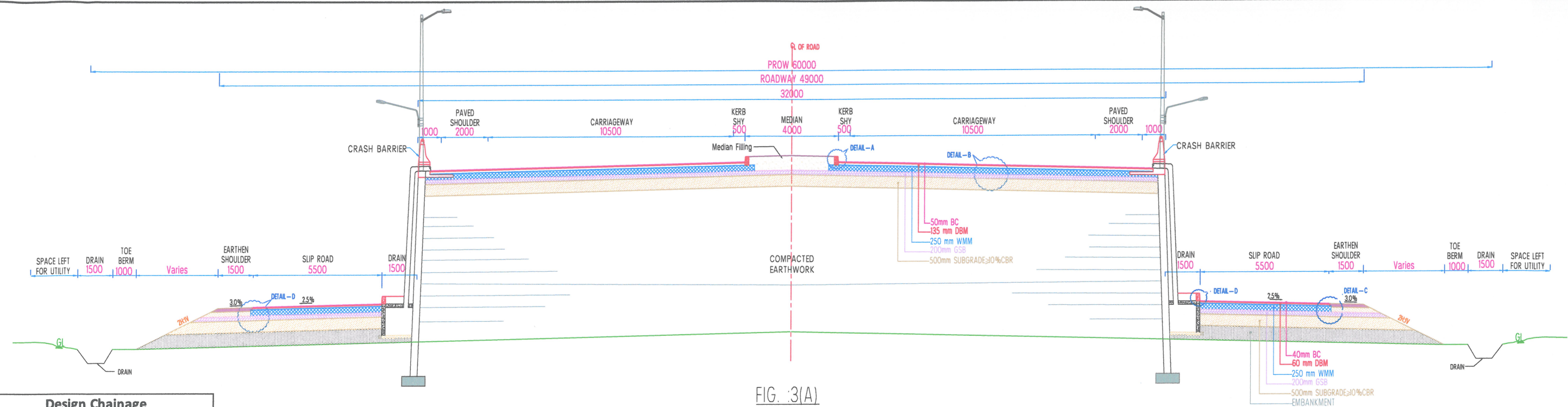


FIG. 3(A)

New Construction of Underpass Approches with Slip Road
(On New Alignment)

Design Chainage			
S. N.	From	To	Length (km.)
1	40.900	41.900	1.000
2	50.800	51.800	1.000
3	73.800	74.700	0.900
4	76.000	77.000	1.000
Total Length (Km)			3.900

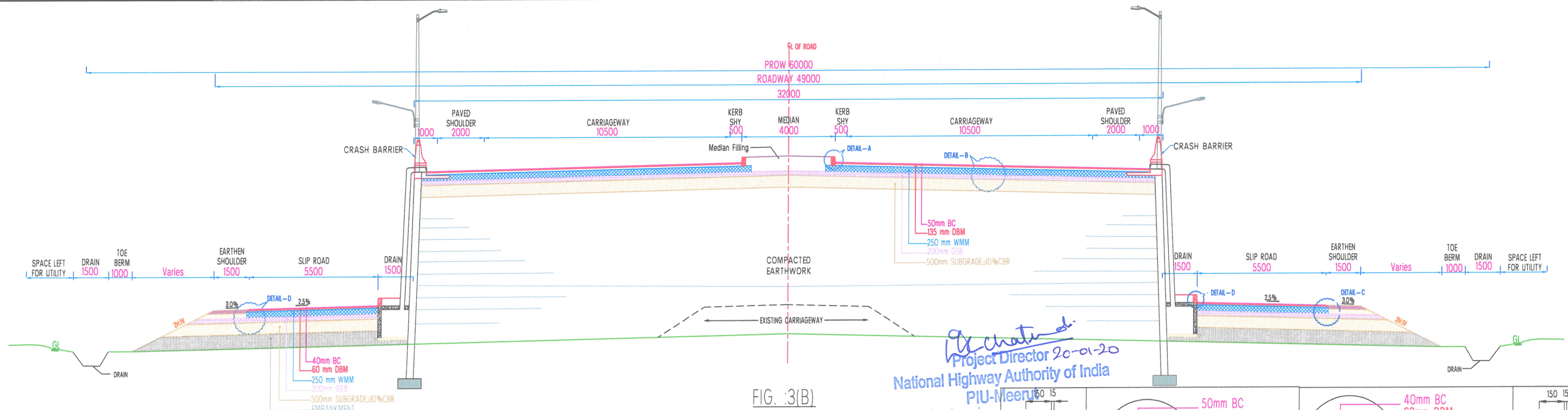
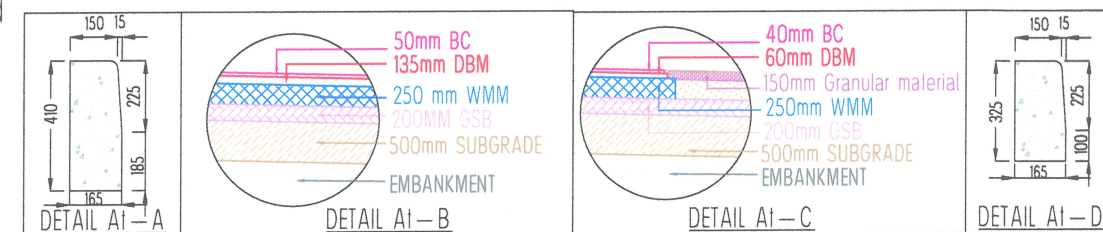
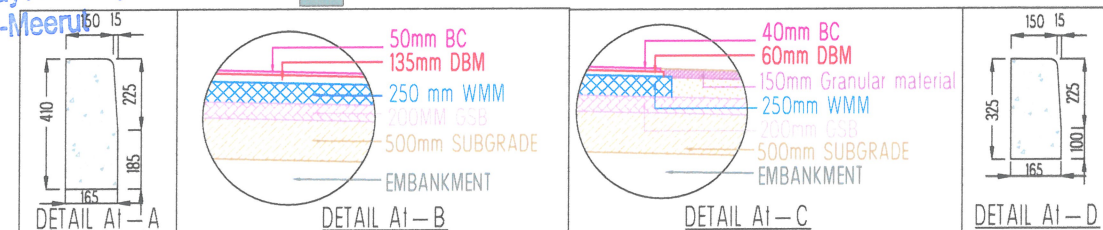


FIG. 3(B)

New Construction of Underpass Approches with Slip Road
(On Existing Alignment)

Design Chainage			
S. N.	From	To	Length (km.)
1	59.500	60.500	1.000
Total Length (Km)			1.000



CLIENT -				CONSULTANT -				NAME OF WORK:				DRG. NO. 376/KJ/FDPR/UP/MN/PK-II/ TYPES-4			
NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Road Transport & Highways, Govt of India) Project Implementation Unit, Meerut -250 001				K & J Projects Pvt. Ltd. Shivam, 16 NIT Layout, Ravinagar, Nagpur-440033 Maharashtra, India. Ph : (0712)2556402, Fax : 2556403 Email : contact@knjprojects.com				Consultancy Services for Preparation of Detailed Project Report (DPR) for Meerut-Nazibabad Section Of National Highway 119 in the State of Uttar Pradesh under NHDP-IV. Package II- Starts from Jhunjhuni at km 39.250(ex. km 39+240), and End at km. 79.500 (Ex. Ch: 86+590) (At Proposed Bijnor Bypass End) of NH-119 Design Length-40.250km				SCALE NTS			
REV DATE DETAILS OF REVISION				DRAWN CHECKED APPROVED				TITLE: Typical Cross Section Fig-3-a & fig-3-b							
R0 23-11-17 FINAL DETAILED PROJECT REPORT				A.A.K. P.U.B. M.N.J.											
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R0 25-10-15 DRAFT FEASIBILITY REPORT				A.A.K. P.U.B. M.N.J.											

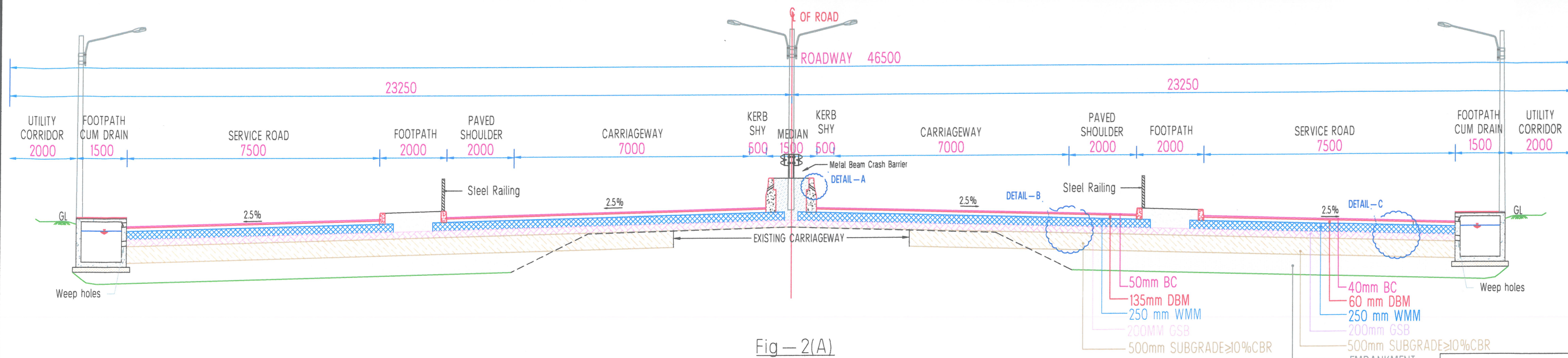


Fig-2(A)
Concentric Widening and Reconstruction to
4-Lane with service road

Design Chainage			
S. N.	From	To	Length (km.)
1	60.500	60.900	0.400
2	61.000	61.300	0.300
Total Length (Km)			0.700

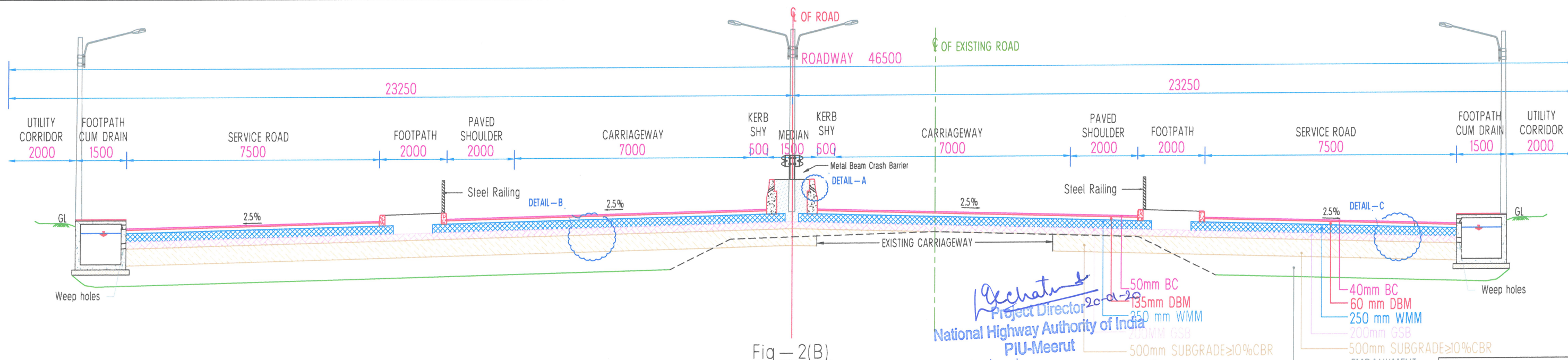
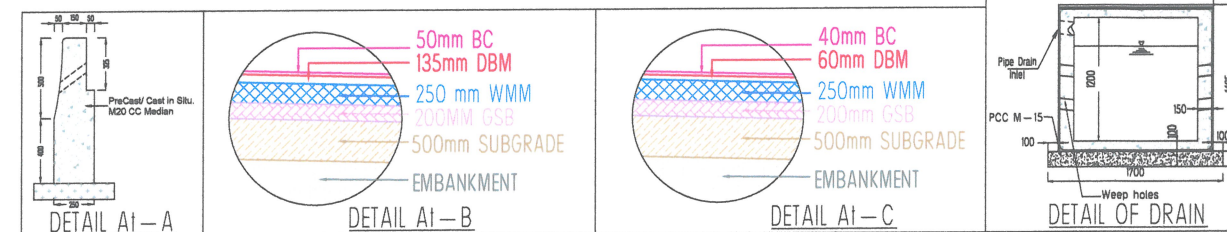
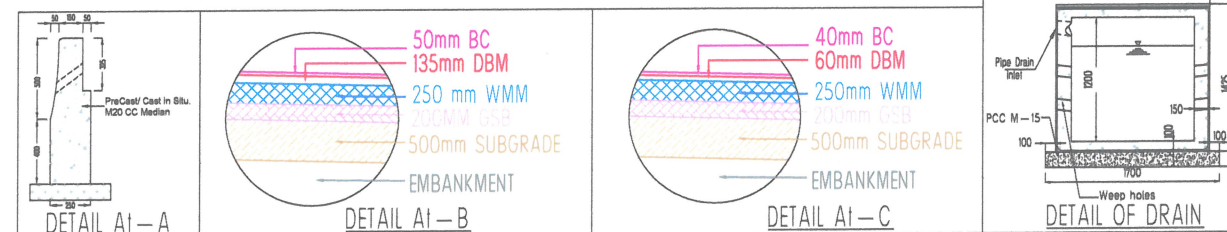
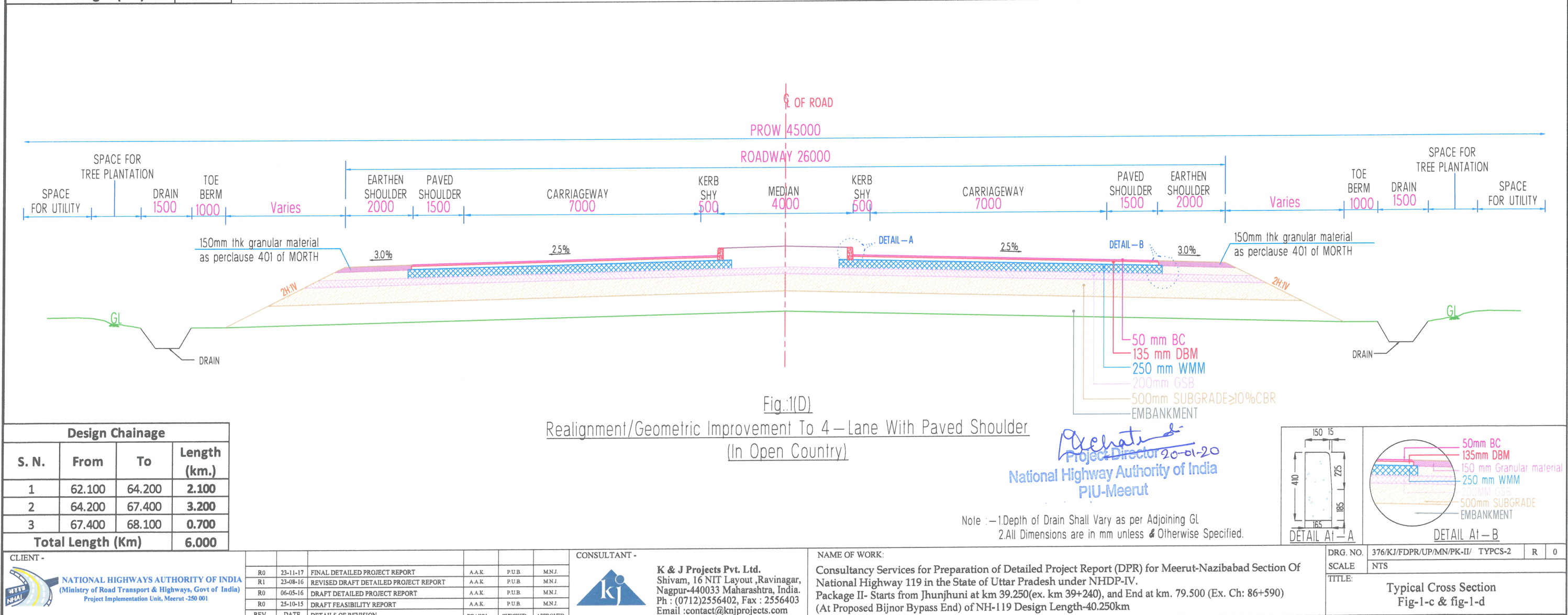
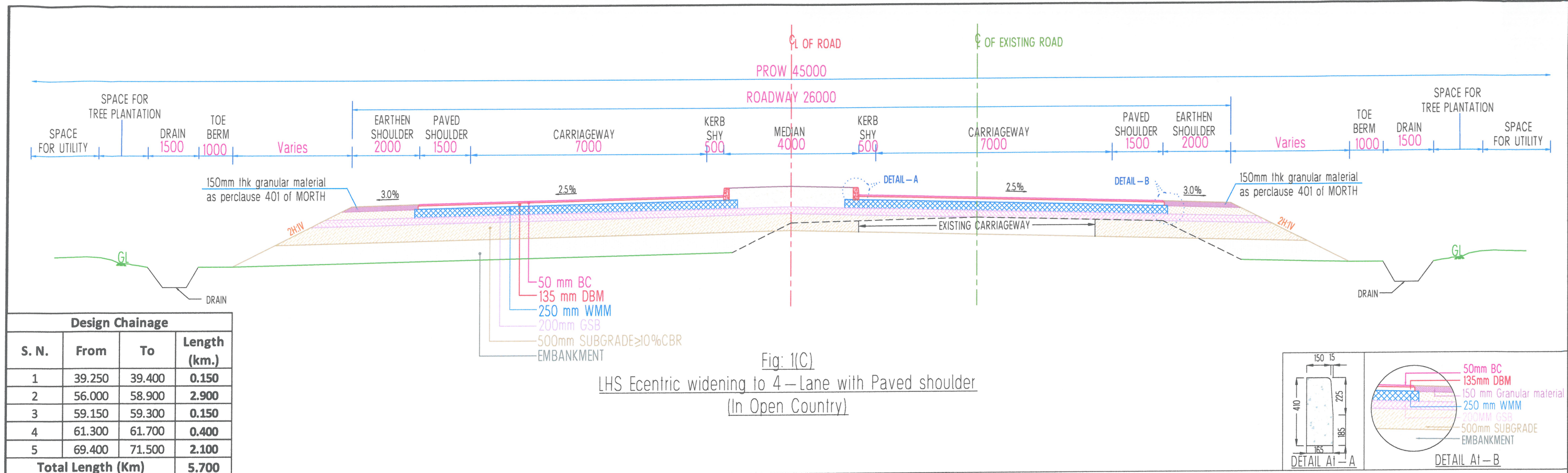


Fig-2(B)
LHS Eccentric Widening and Reconstruction to
4-Lane with service road

Design Chainage			
S. N.	From	To	Length (km.)
1	60.900	61.000	0.100
Total Length (Km)			0.100



CLIENT -				CONSULTANT -				NAME OF WORK:				DRG. NO. 376/KJ/FDPR/UP/MN/PK-II/ TYPES-3 R 0			
NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Road Transport & Highways, Govt of India) Project Implementation Unit, Meerut -250 001				K & J Projects Pvt. Ltd. Shivam, 16 NIT Layout, Ravinagar, Nagpur-440033 Maharashtra, India. Ph : (0712)2556402, Fax : 2556403 Email : contact@knjprojects.com				Consultancy Services for Preparation of Detailed Project Report (DPR) for Meerut-Nazibabad Section Of National Highway 119 in the State of Uttar Pradesh under NHDP-IV. Package II- Starts from Jhunjhuni at km 39.250(ex. km 39+240), and End at km. 79.500 (Ex. Ch: 86+590) (At Proposed Bijnor Bypass End) of NH-119 Design Length-40.250km				SCALE NTS			
REV DATE DETAILS OF REVISION				DRAWN CHECKED APPROVED				TITLE: Typical Cross Section Fig-2-a & fig-2-b							
R0 23-11-17 FINAL DETAILED PROJECT REPORT A.A.K. P.U.B. M.N.J.															
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R0 25-10-13 DRAFT FEASIBILITY REPORT A.A.K. P.U.B. M.N.J.															



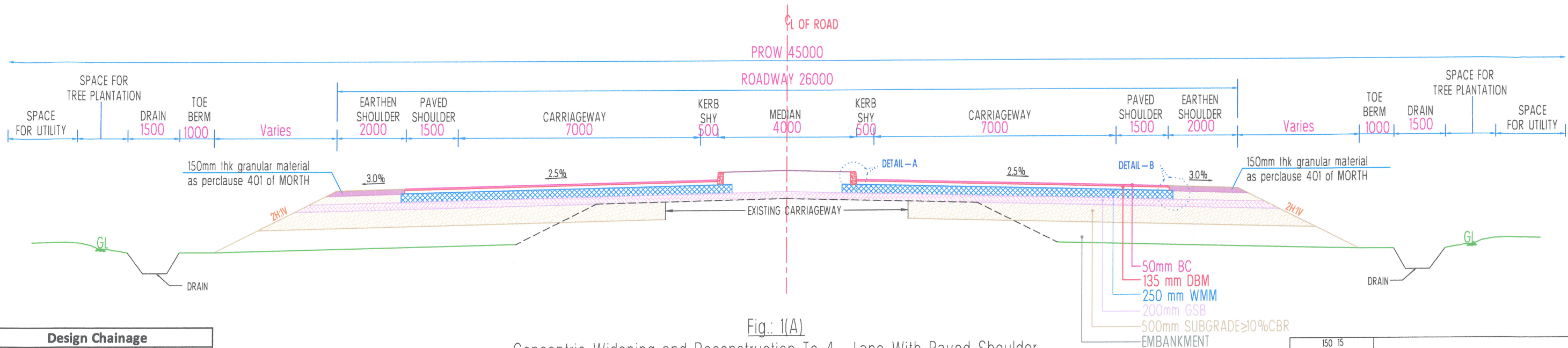


Fig. 1(A)
Concentric Widening and Reconstruction To 4 – Lane With Paved Shoulder
(In Open Country)

Design Chainage			
S. N.	From	To	Length (km.)
1	58.900	59.000	0.100
2	59.300	59.500	0.200
3	68.800	69.400	0.600
Total Length (Km)			0.900

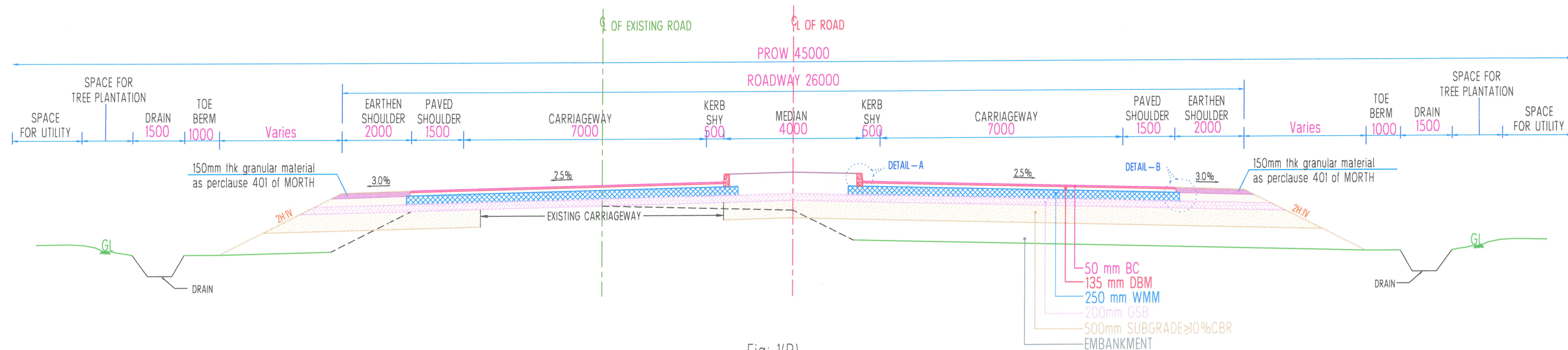


Fig. 1(B)
RHS Eccentric widening to 4 – Lane with Paved shoulder
(In Open Country)

Design Chainage			
S. N.	From	To	Length (km.)
1	59.000	59.150	0.150
2	61.700	62.100	0.400
3	68.100	68.800	0.700
Total Length (Km)			1.250

Project Director
National Highway Authority of India
PIU-Meerut

Note : -1.Depth of Drain Shall Vary as per Adjoining GL
2.All Dimensions are in mm unless Otherwise Specified.

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DRG. NO.	376/KJ/FDPR/UP/MN/PK-II/ TYPES-I	R	0
SCALE	NTS		

TITLE:
**Typical Cross Section
Fig-1-a & fig-1-b**