

1. ALL DIMENSIONS ARE IN METERS
2. PROW - PROPOSED RIGHT OF WAY
3. EARTHEN SHOULDER WITH 150MM GRANULAR ON TOP LAYER

R1	JAN 2025	PACKAGE 1 & 2 COMBINED	KM
R0	AUG 2022	ISSUED FOR TENDER	KM

REV. NO. DATE DESCRIPTION APVD



National Highways
Authority of India
(NHAI)

Louis Berger International
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Construction of STRR (West side), NH545A - Obelapura (Nelamangala Taluk) to Kunigal (Ramanagara Taluk) from km 0.000 to km 79.000 (Design) Phase - I
in Karnataka on HAM
SATELLITE TOWN RING ROAD (NH 545A)

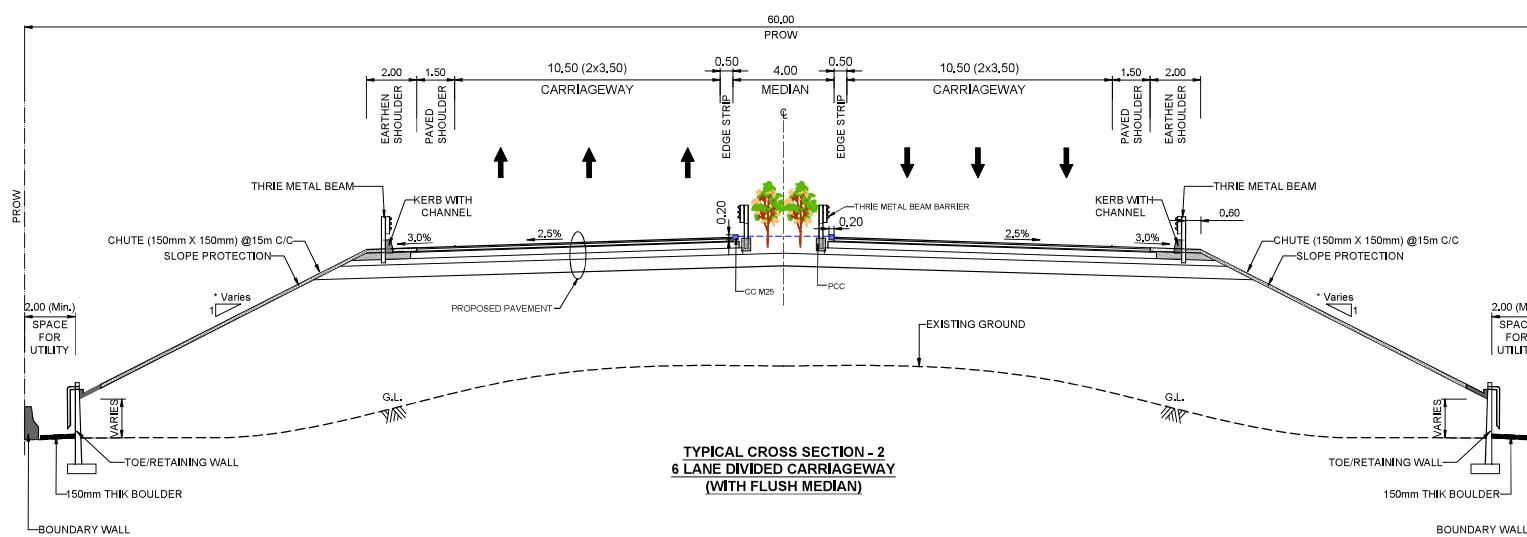
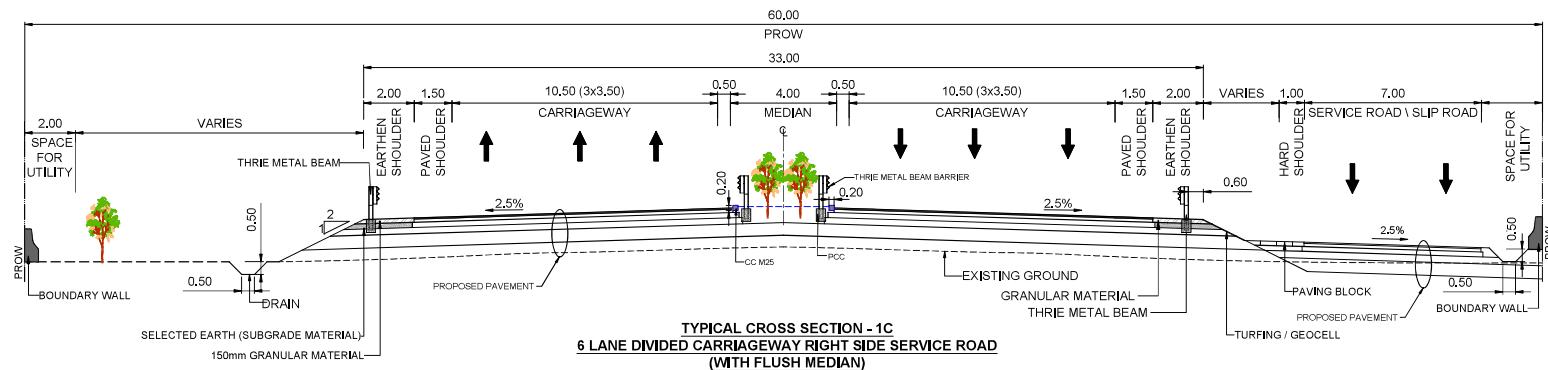
TYPICAL CROSS SECTION - PHASE I

DRAWN: RA DATE: AUGUST 2022
DESIGNED: KKS SCALE: N.T.S.
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APPROVED: KM
SCALE @ A2 SIZE SHEET

TENDER DRAWINGS

DRAWING NO:
4600182-CI-RD-STRRI-1A-TCS-07-001
REV. R1
Plot Date: 25 February, 2025 - 2:43 PM

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REV. NO. DATE DESCRIPTION APVD



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in Karnataka on HAM
SATELLITE TOWN RING ROAD (NH 545A)

TYPICAL CROSS SECTION - PHASE I

DRAWN: RA
DESIGNED: KKS
CHECKED: VA
APPROVED: KM

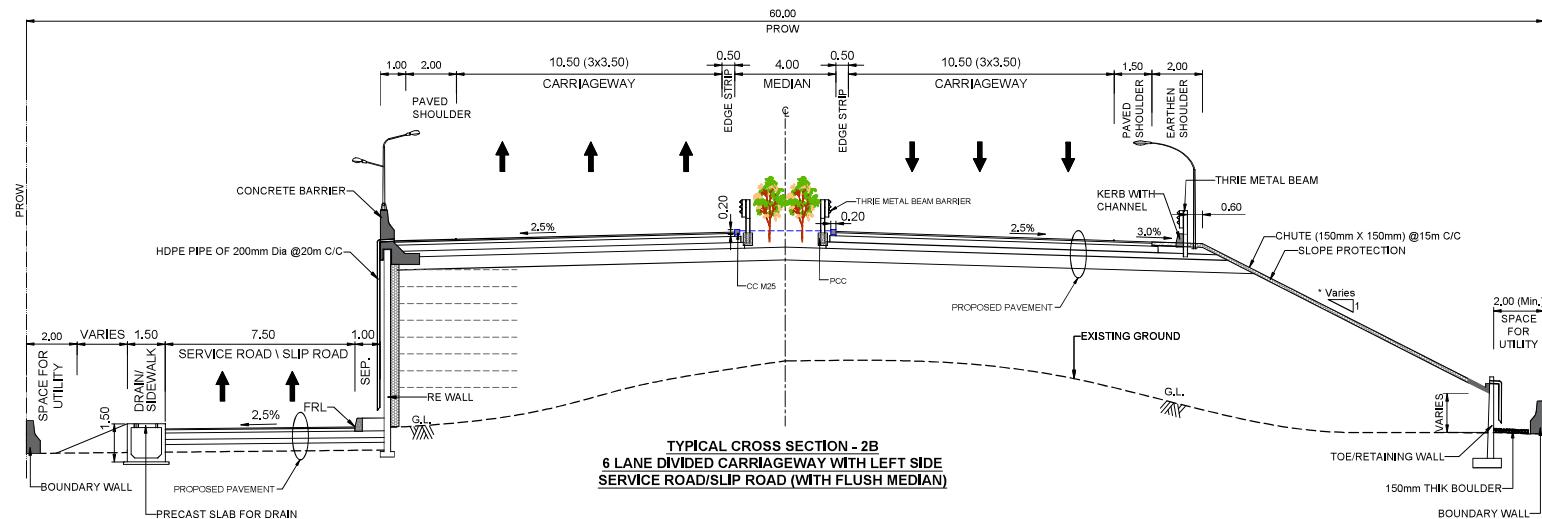
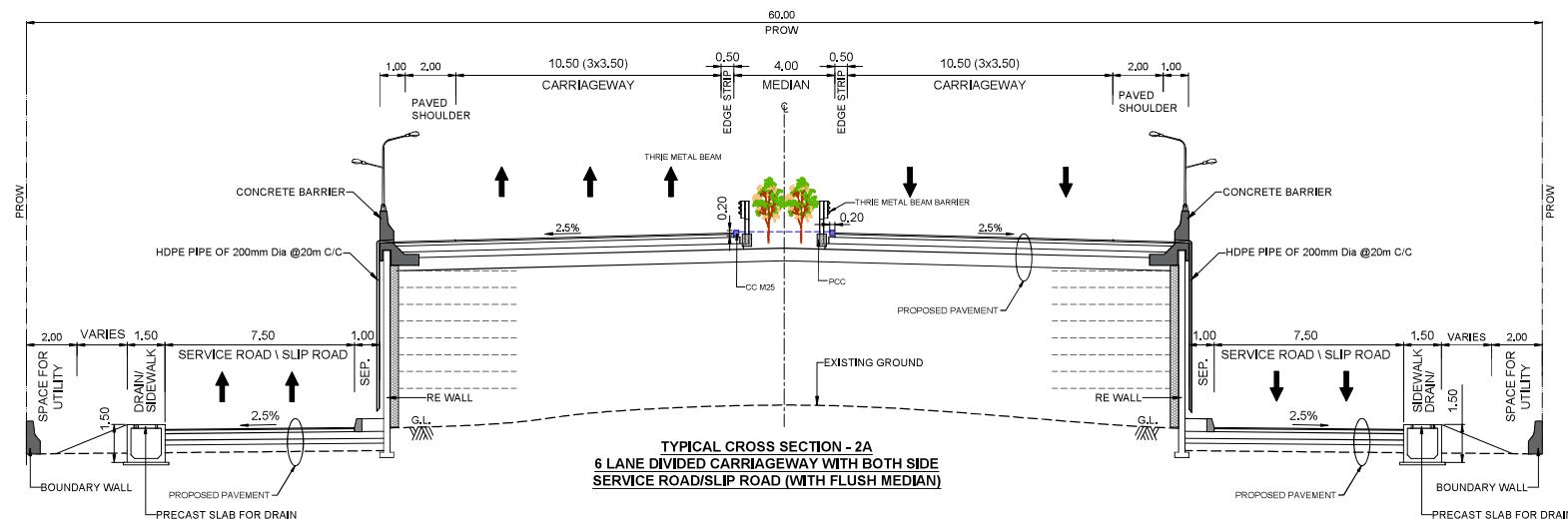
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TENDER DRAWINGS



Plot Date: 25 February, 2025 - 2:43 PM

REV.
R1



- 1.ALL DIMENSIONS ARE IN METERS
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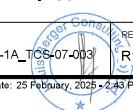
Construction of STRR (West side), NH948A - Obalapura (Nelamangala Taluk) Kunagal (Ramanagara Taluk) from km 0.000 to km 79.000 (Design) Phase - in Karnataka on HAM

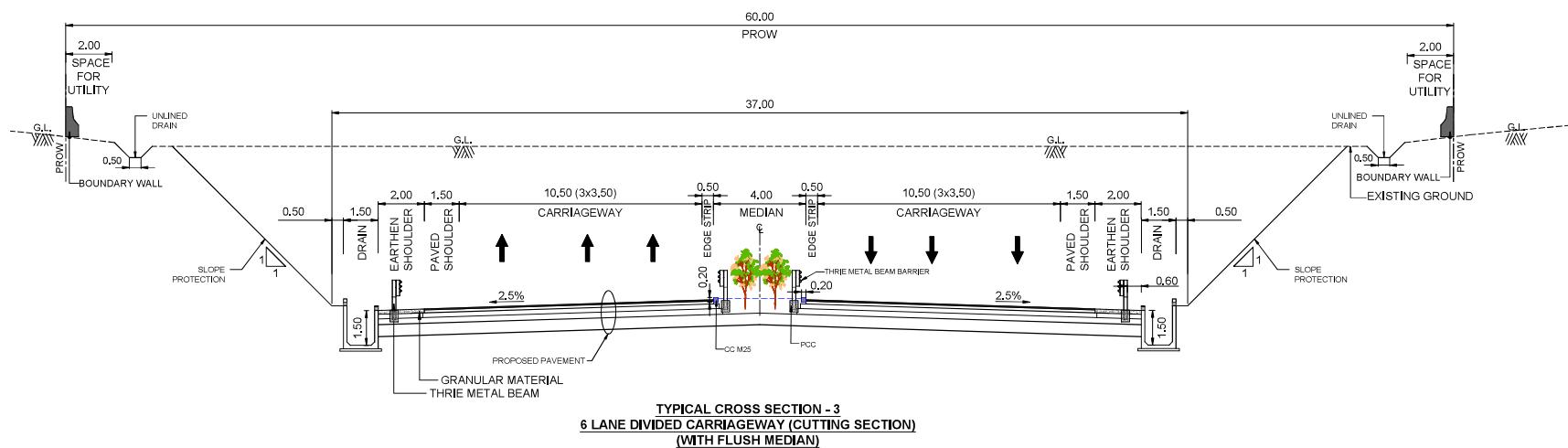
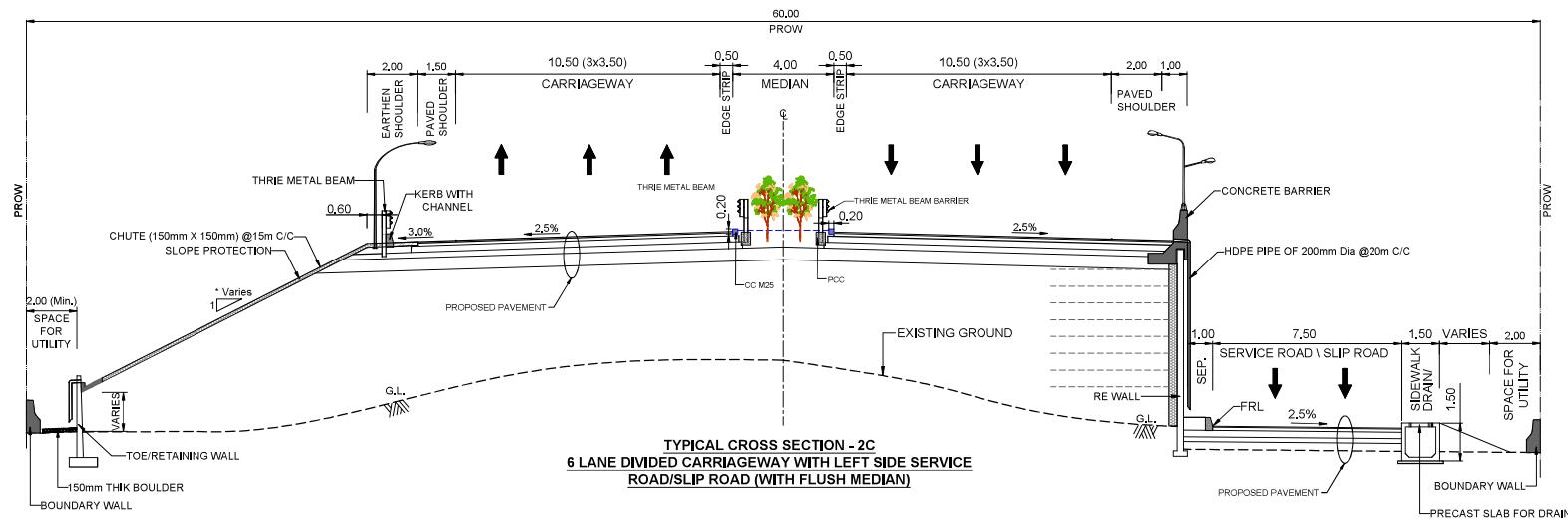
SATELLITE TOWN RING ROAD (NH 948A)

TYPICAL CROSS SECTION - PHASE I

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DESIGNED:	KKS	
CHECKED:	VA	
APPROVED:	KM	

TENDER DRAWINGS





1.ALL DIMENSIONS ARE IN METERS
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REV. NO.	JAN 2025	PACKAGE 1 & 2 COMBINED	KM
R1	JAN 2025	ISSUED FOR TENDER	KM
REV. NO.	AUG 2022	DESCRIPTION	APVD



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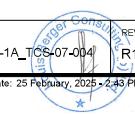
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Construction of STRR (West side), NH545A - Obkalpura (Nelamangala Taluk) to Kunagal (Ramanagara Taluk) from km 0.000 to km 79.000 (Design) Phase - I
in Karnataka on HAM
SATELLITE TOWN RING ROAD (NH 545A)

TYPICAL CROSS SECTION - PHASE I

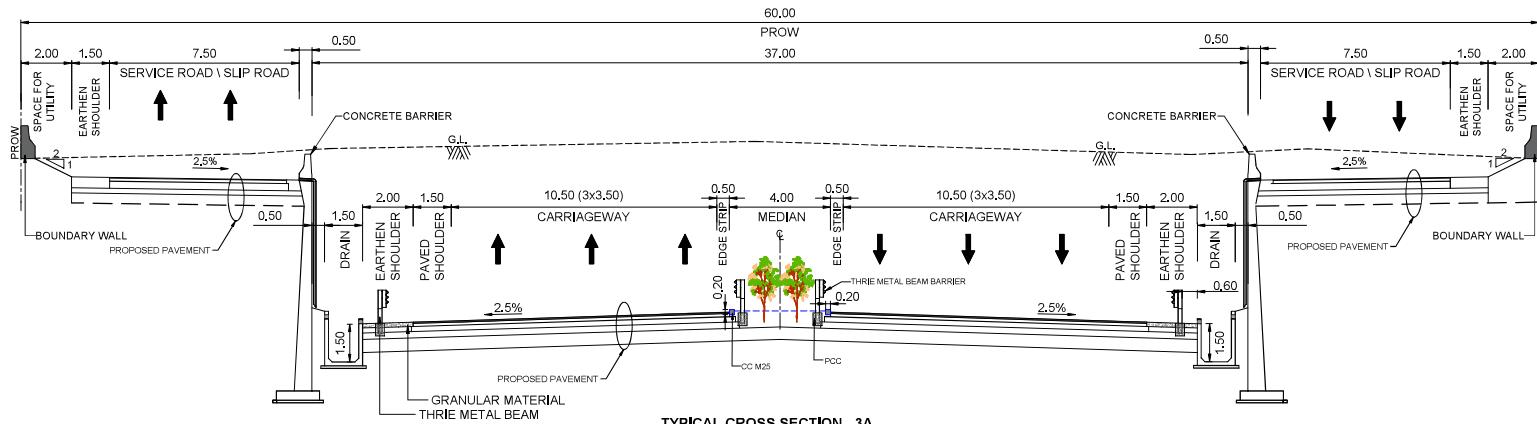
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 SCALE @ A2 SIZE SHEET

TENDER DRAWINGS

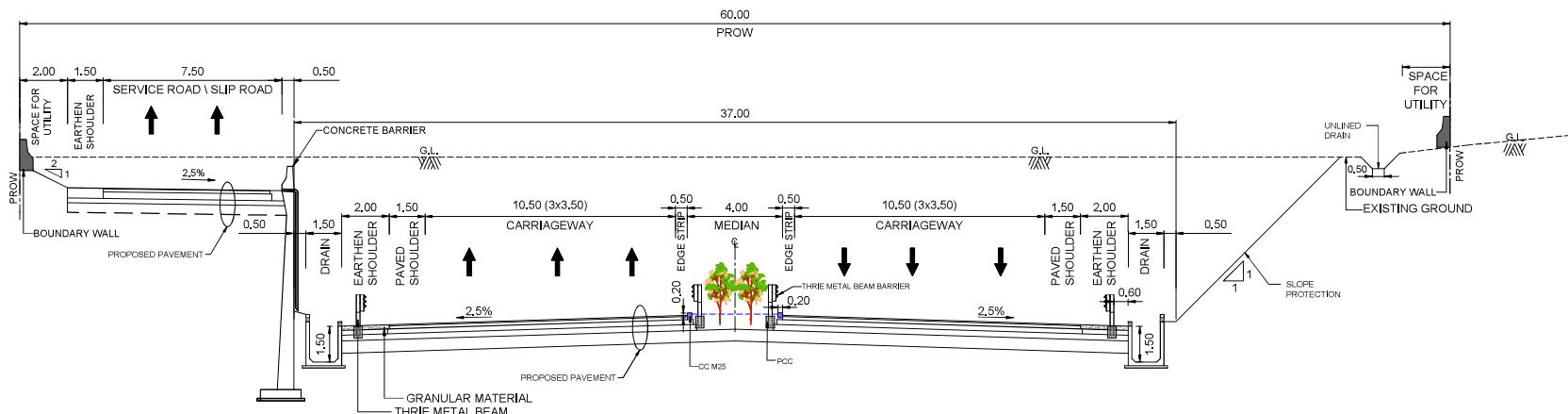


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R1



TYPICAL CROSS SECTION - 3A
6 LANE DIVIDED CARRIAGEWAY WITH BOTH SIDE
SERVICE ROAD/SLIP ROAD (CUTTING SECTION)
(WITH FLUSH MEDIAN)



TYPICAL CROSS SECTION - 3B
6 LANE DIVIDED CARRIAGEWAY WITH LEFT SIDE SERVICE
ROAD/SLIP ROAD (CUTTING SECTION)
(WITH FLUSH MEDIAN)

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R1	JAN 2025	PACKAGE 1 & 2 COMBINED
R0	AUG 2022	ISSUED FOR TENDER

REV. NO. DATE DESCRIPTION APVD



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Construction of STRR (West side), NH948A - Obbalpura (Nelamangala Taluk) to
Kunigal (Ramanagara Taluk) from km 0.000 to km 79.000 (Design) Phase - I
in Karnataka on HAM.
SATELLITE TOWN RING ROAD (NH 948A)

TYPICAL CROSS SECTION - PHASE I

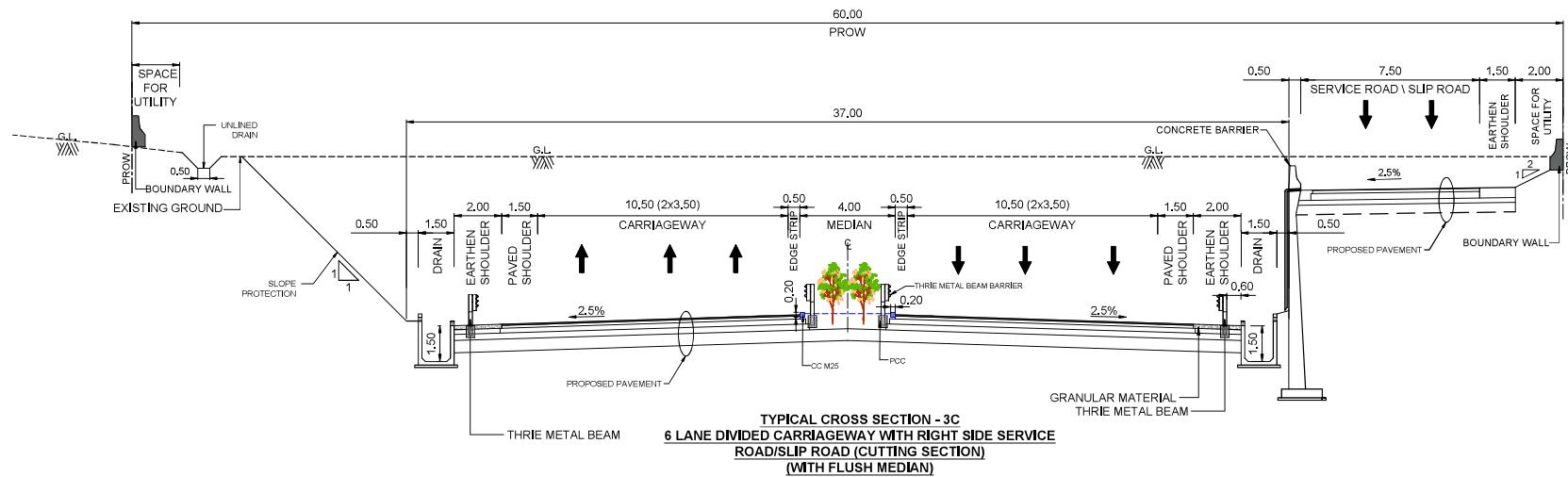
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TENDER DRAWINGS

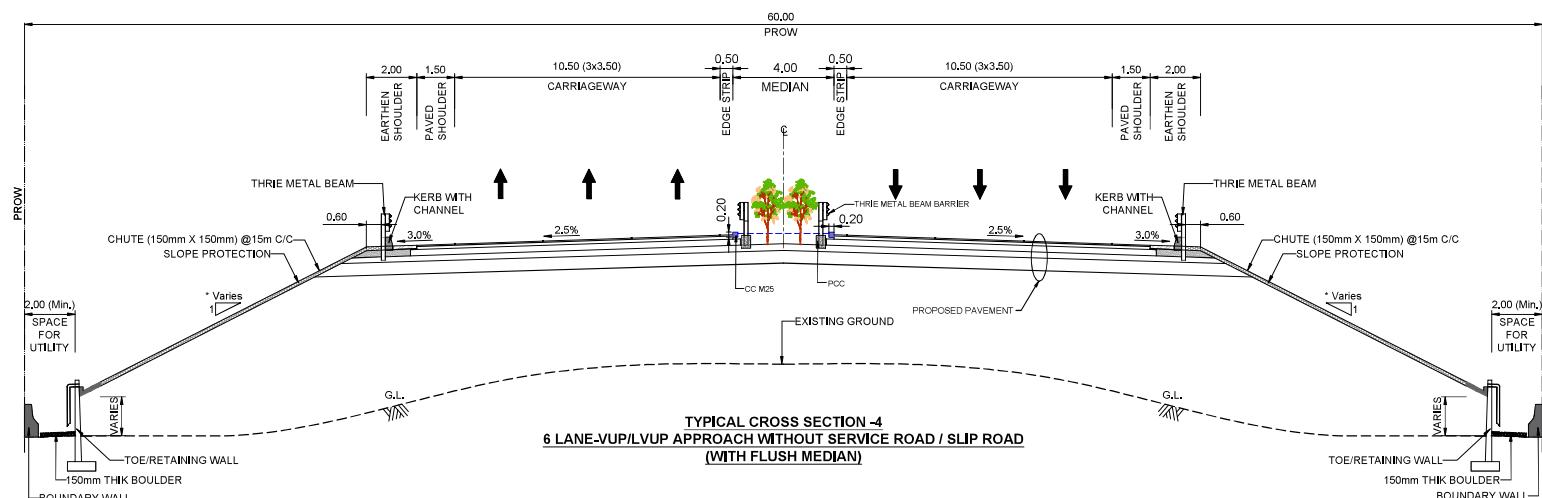


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REV.
R1



TYPICAL CROSS SECTION - 3C
6 LANE DIVIDED CARRIAGEWAY WITH RIGHT SIDE SERVICE ROAD/SLIP ROAD (CUTTING SECTION)
(WITH FLUSH MEDIAN)



TYPICAL CROSS SECTION - 4
6 LANE-VUP/LVUP APPROACH WITHOUT SERVICE ROAD / SLIP ROAD
(WITH FLUSH MEDIAN)

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REV. NO.	DATE	DESCRIPTION	APVD
R1	JAN 2025	PACKAGE 1 & 2 COMBINED	KM
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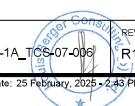
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Construction of STRR (West side), NH545A - Obkalpura (Nelamangala Taluk) to Kunagal (Ramanagara Taluk) from km 0.000 to km 79.000 (Design) Phase - I
in Karnataka on HAM
SATELLITE TOWN RING ROAD (NH 545A)

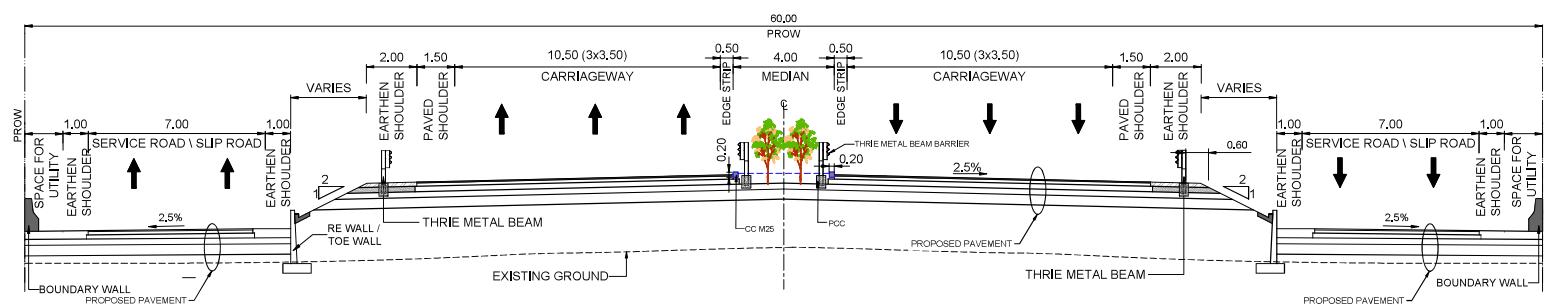
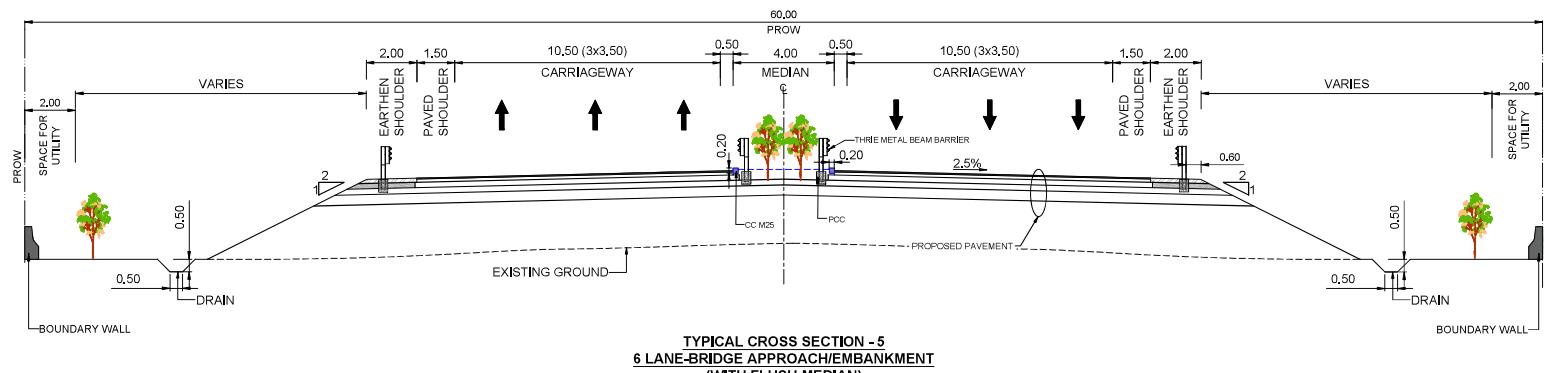
TYPICAL CROSS SECTION - PHASE I

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 CHECKED: VA
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 SCALE @ A2 SIZE SHEET

TENDER DRAWINGS



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1.ALL DIMENSIONS ARE IN METERS
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REV. NO.	DATE	DESCRIPTION	APVD
R1	JAN 2025	PACKAGE 1 & 2 COMBINED	KM
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Construction of STRR (West side), NH545A - Obkalpura (Nelamangala Taluk) to
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in Karnataka on HAM
SATELLITE TOWN RING ROAD (NH 545A)

TYPICAL CROSS SECTION - PHASE I

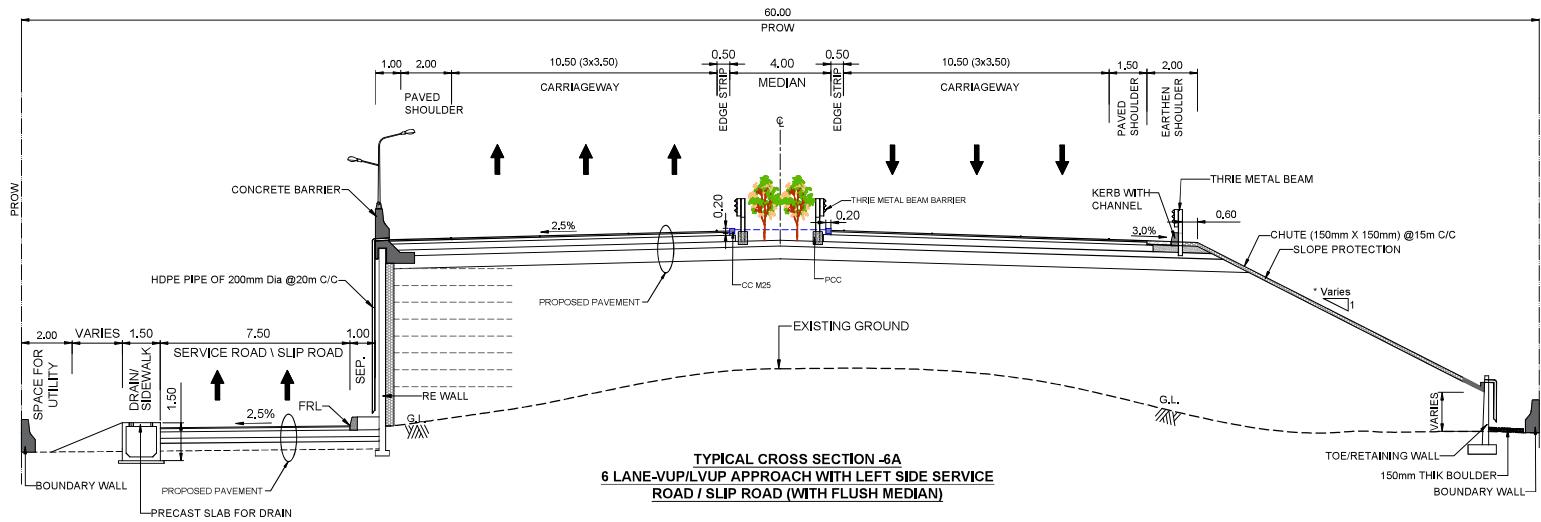
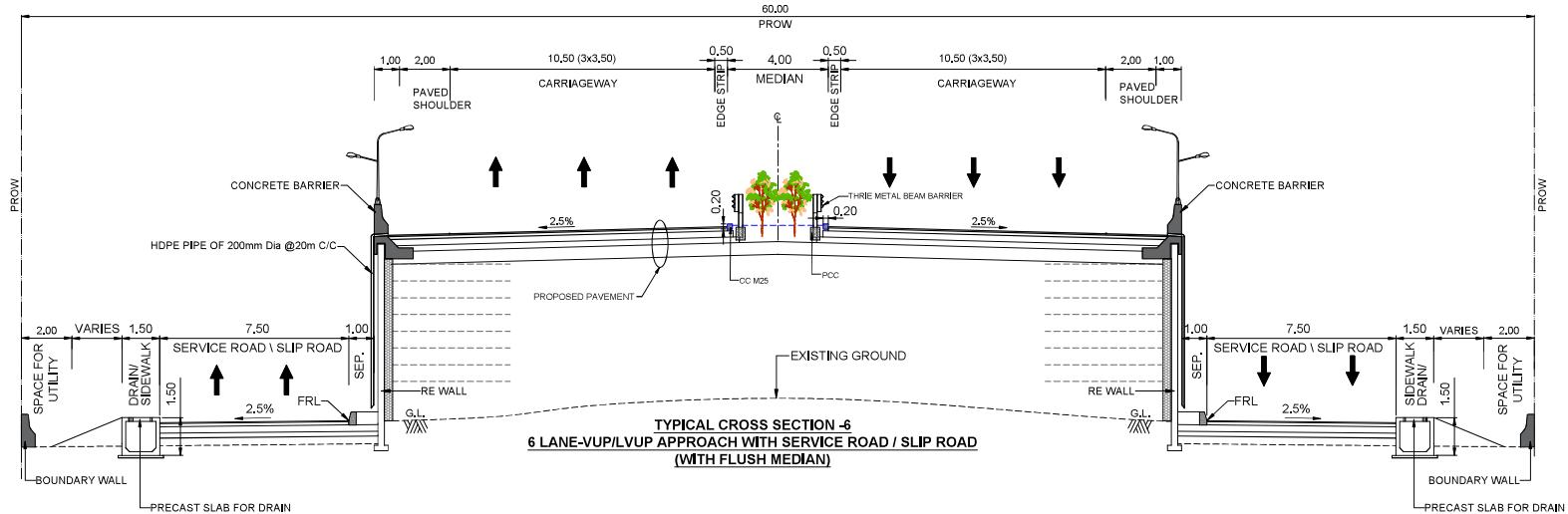
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DATE: AUGUST 2022
SCALE: N.T.S
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4800182-CI-RD-STRR I-1A_TCS-07-007

TENDER DRAWINGS



Plot Date: 25 February, 2025 ~ 2:43 PM



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SATELLITE TOWN RING ROAD (NH 545A)

TYPICAL CROSS SECTION - PHASE I

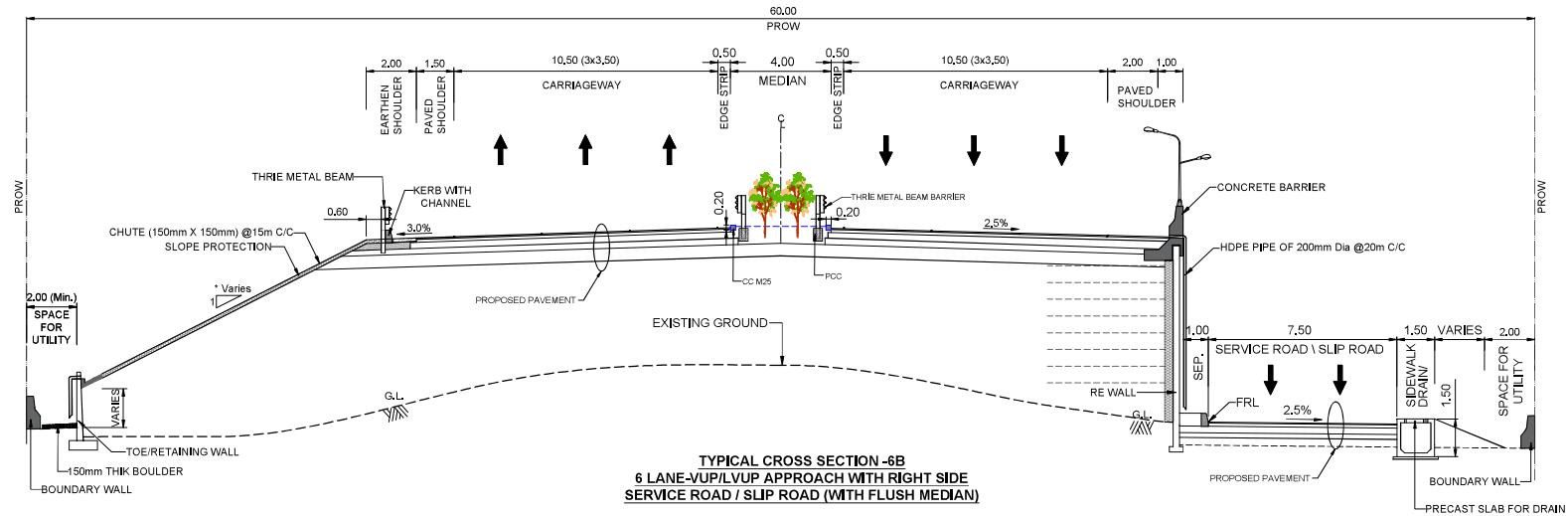
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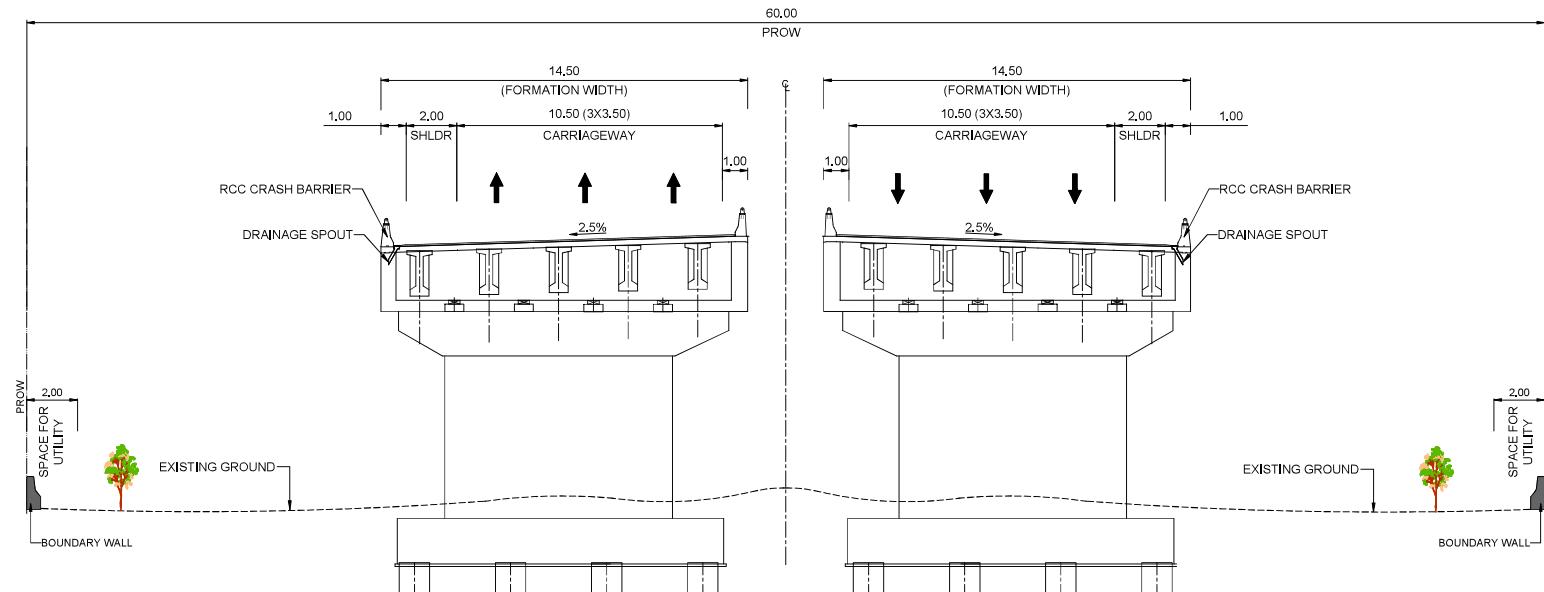
TENDER DRAWINGS



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TYPICAL CROSS SECTION - 6B
6 LANE-VUP/LVUP APPROACH WITH RIGHT SIDE
SERVICE ROAD / SLIP ROAD (WITH FLUSH MEDIAN)



TYPICAL CROSS SECTION - 7
VUP/FLYOVER/DIAMOND INTERCHANGE STRUCTURE LOCATION

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TYPICAL CROSS SECTION - PHASE I

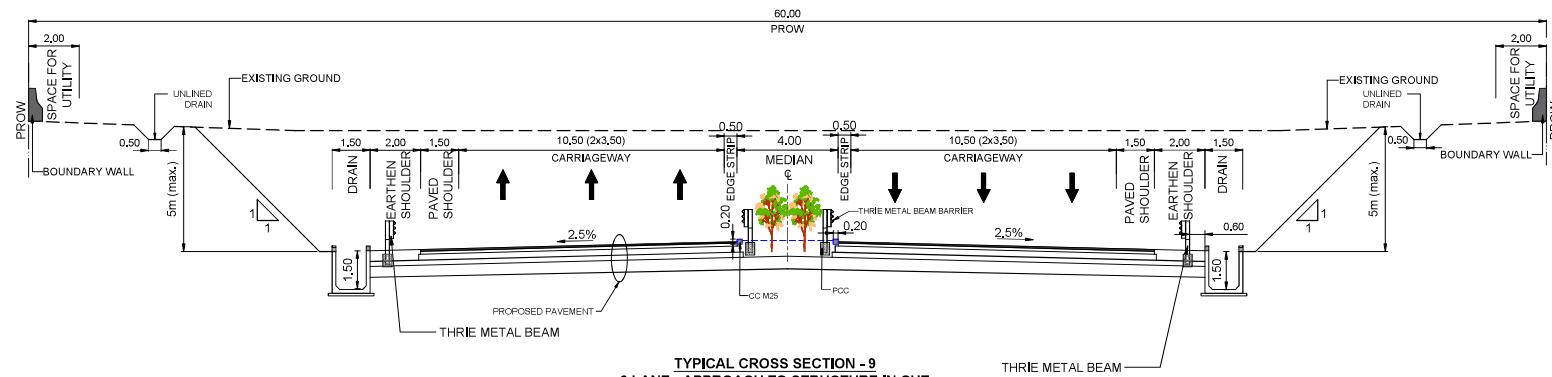
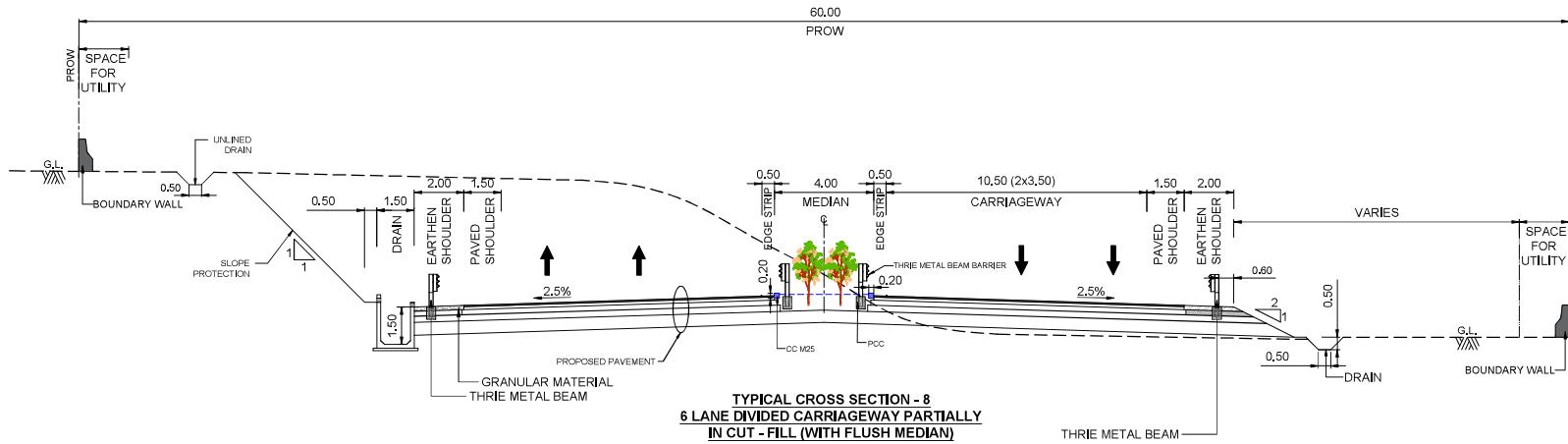
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TENDER DRAWINGS

DRAWING NO:
4800182-CI-RD-STRR I-1A_TCS-07-009
REV. R1

Plot Date: 25 February, 2025 ~ 2:43 PM





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TYPICAL CROSS SECTION - PHASE I

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APPROVED: KM
SCALE @ A2 SIZE SHEET

TENDER DRAWINGS

DRAWING NO:
4800182-CI-RD-STRR I-1A_TCS-07-010
REV. R1
Plot Date: 25 February, 2025 - 2:43 PM

