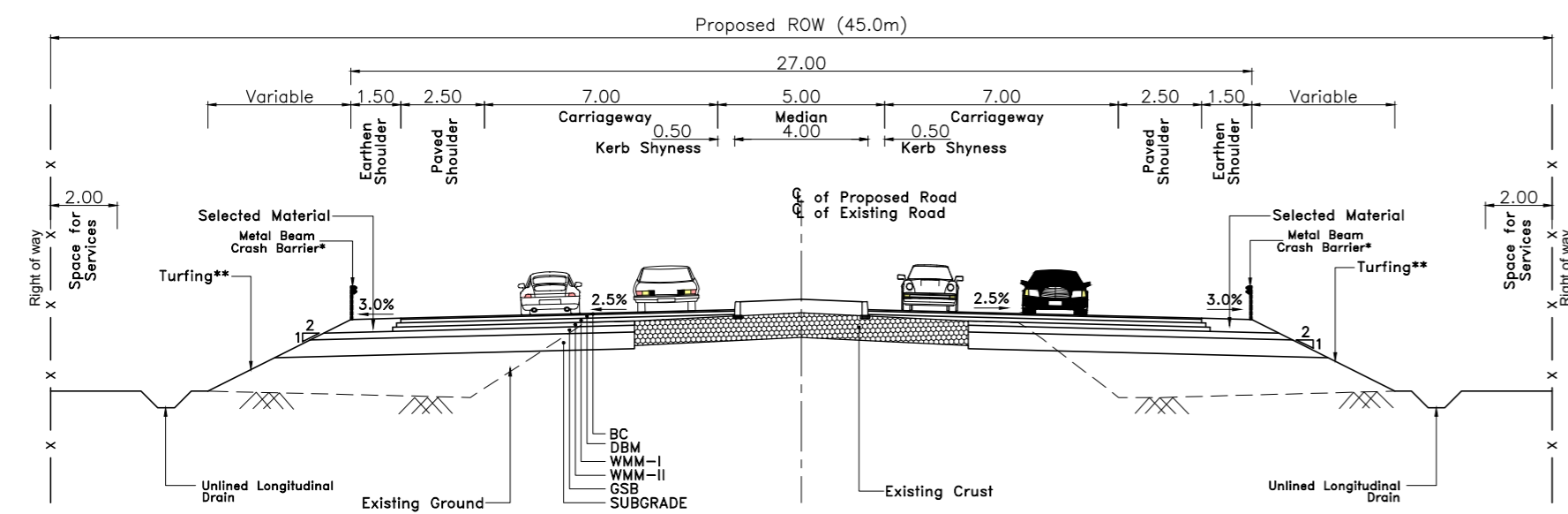
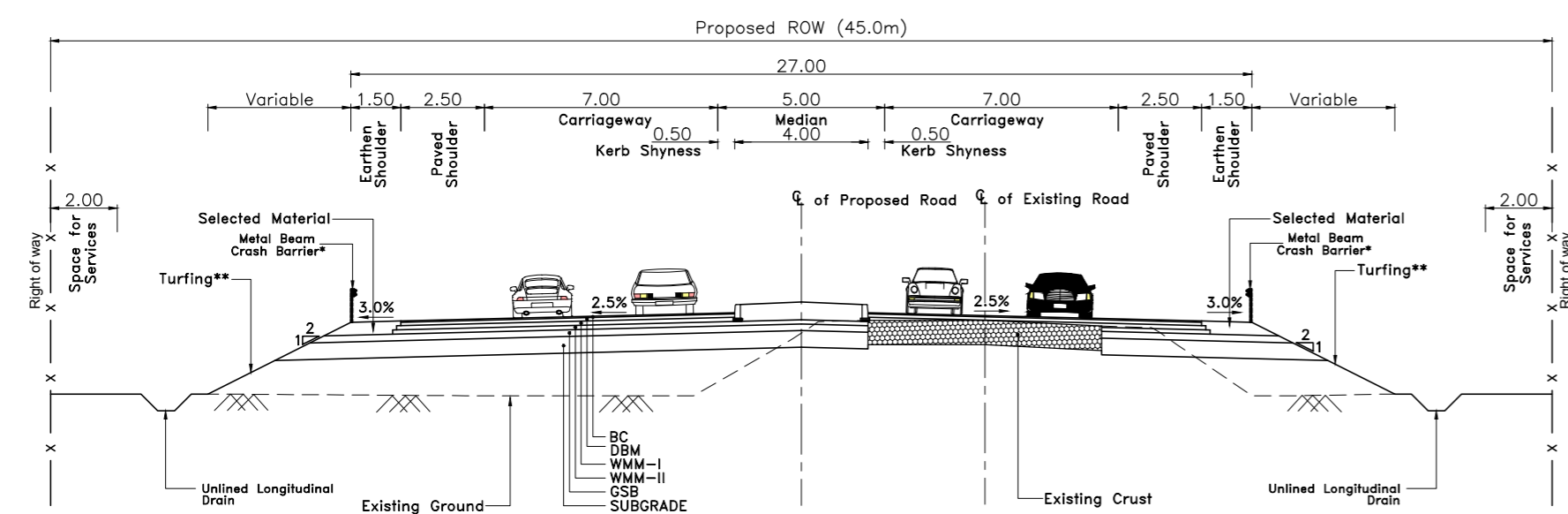


TYPE-01 : TYPICAL CROSS SECTION OF 4-LANE DIVIDED CARRIAGEWAY WITH 0.5M WIDE RAISED MEDIAN CRASH BARRIER WITH 7.5M SERVICE ROAD ON BOTH SIDES IN BUILT-UP AREA



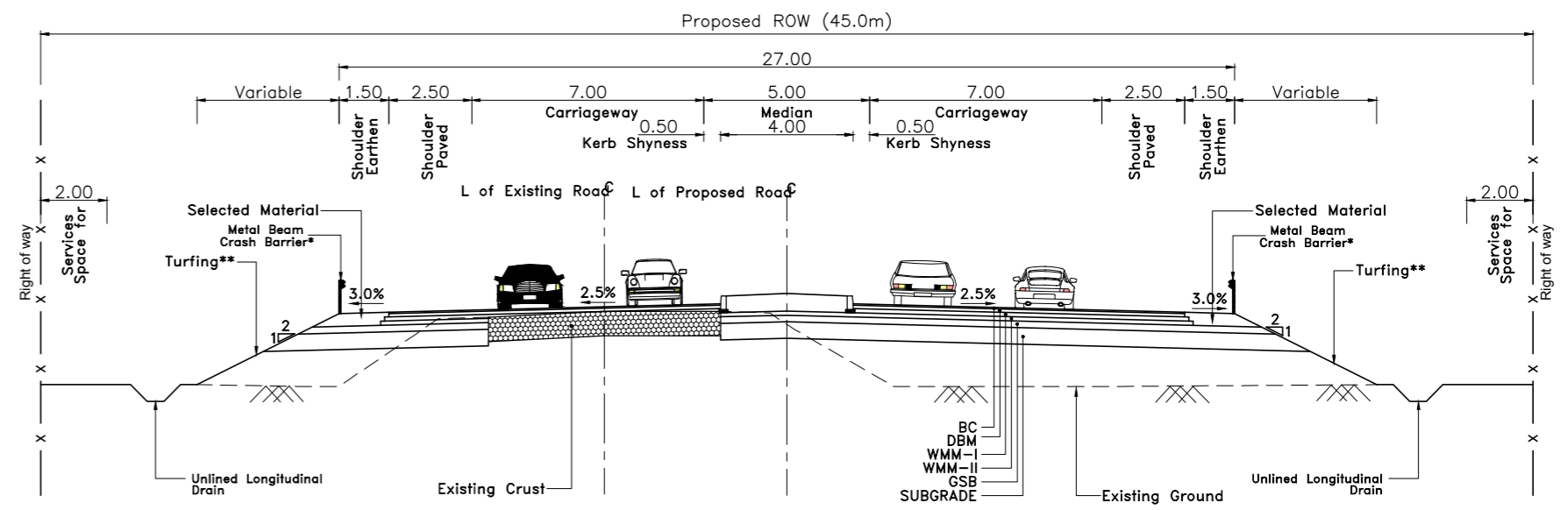
TYPE-02 : TYPICAL CROSS SECTION OF 4-LANE DIVIDED CARRIAGEWAY WITH 4.0M WIDE RAISED MEDIAN IN RURAL AREA (CONCENTRIC WIDENING)



TYPE-03A : TYPICAL CROSS SECTION OF 4-LANE DIVIDED CARRIAGEWAY WITH 4.0M WIDE RAISED MEDIAN IN RURAL AREA (ECCENTRIC WIDENING)


Note:

- All dimensions are in meter unless otherwise specified.
- \* Applicable where embankment height is >3.0m
- \*\* Applicable where <3.0m embankment height Turfing with sods of perennial turf forming grass.




TYPE-03B : TYPICAL CROSS SECTION OF 4-LANE DIVIDED CARRIAGEWAY WITH 4.0M WIDE RAISED MEDIAN IN RURAL AREA (ECCENTRIC WIDENING)

Design Chainage		Length (m)	TCS Type	Description
From	To			
426+800	427+798	998	TCS-3A	Typical Cross Section of 4-Lane Divided Carriageway with 4.0m Wide Raised Median in Rural Area (Eccentric Left Side Widening)
427+798	427+814	16	STR	MNB
427+814	428+100	286	TCS-3A	Typical Cross Section of 4-Lane Divided Carriageway with 4.0m Wide Raised Median in Rural Area (Eccentric Left Side Widening)
428+100	428+993	893	TCS-3B	Typical Cross Section of 4-Lane Divided Carriageway with 4.0m Wide Raised Median in Rural Area (Eccentric Right Side Widening)
428+993	429+007	14	STR	MNB
429+007	429+300	293	TCS-3B	Typical Cross Section of 4-Lane Divided Carriageway with 4.0m Wide Raised Median in Rural Area (Eccentric Right Side Widening)
429+300	432+400	3100	TCS-1	Typical Cross Section of 4-Lane Divided Carriageway with 0.5m Wide Median Crash Barrier and with 6m Service Road (including Kerb Shyness) on Both Sides in Built-Up Area
432+400	433+500	1100	TCS-3A	Typical Cross Section of 4-Lane Divided Carriageway with 4.0m Wide Raised Median in Rural Area (Eccentric Left Side Widening)
433+500	434+100	600	TCS-1	Typical Cross Section of 4-Lane Divided Carriageway with 0.5m Wide Median Crash Barrier and with 6m Service Road (including Kerb Shyness) on Both Sides in Built-Up Area
434+100	434+850	750	TCS-3A	Typical Cross Section of 4-Lane Divided Carriageway with 4.0m Wide Raised Median in Rural Area (Eccentric Left Side Widening)
434+850	435+308	458	TCS-3B	Typical Cross Section of 4-Lane Divided Carriageway with 4.0m Wide Raised Median in Rural Area (Eccentric Right Side Widening)
435+308	435+322	14	STR	MNB
435+322	435+800	478	TCS-3B	Typical Cross Section of 4-Lane Divided Carriageway with 4.0m Wide Raised Median in Rural Area (Eccentric Right Side Widening)
435+800	436+400	600	TCS-1	Typical Cross Section of 4-Lane Divided Carriageway with 0.5m Wide Median Crash Barrier and with 6m Service Road (including Kerb Shyness) on Both Sides in Built-Up Area
436+400	436+700	300	TCS-3B	Typical Cross Section of 4-Lane Divided Carriageway with 4.0m Wide Raised Median in Rural Area (Eccentric Right Side Widening)
436+700	437+050	350	TCS-3A	Typical Cross Section of 4-Lane Divided Carriageway with 4.0m Wide Raised Median in Rural Area (Eccentric Left Side Widening)
437+050	437+400	350	TCS-3B	Typical Cross Section of 4-Lane Divided Carriageway with 4.0m Wide Raised Median in Rural Area (Eccentric Right Side Widening)
<b>Total =</b>		<b>10600</b>		

CLIENT :  
  
**NATIONAL HIGHWAYS AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.**  
 (MINISTRY OF ROAD TRANSPORT AND HIGHWAYS)  
 GOVERNMENT OF INDIA

PROJECT :  
**CONSULTANCY SERVICES FOR PREPARATION OF FEASIBILITY STUDY AND DETAILED PROJECT REPORT FOR UPGRADATION OF DERGAON TOWN SECTION OF NH-37 FROM KM 426.800 TO KM 437.800 IN THE STATE OF ASSAM**

DESIGN CONSULTANT:  
  
**VOYANTS SOLUTIONS PVT LTD.**  
 403, 4th Floor, Park Centra,  
 Sector-30, NH-8  
 Gurugram-122001, Haryana, India  
 CIN- U7140HR2004PTC046918  
 Ph: 0124-4598200, Fax: 0124-4019051,  
 E-mail: info@voyants.in, www.voyants.in

Detailed Project Report

DESIGNED BY: PD  
 DRAWN BY: SS  
 CHECKED BY: SD  
 APPROVED BY: SKC

TITLE :  
**Typical Cross Section**

REV. DATE DESCRIPTION

SCALE : 1:250  
 SHEET SIZE: A2

DRG. No. :  
 VSPL/1718-081A/DERGAON/DPR/TCS-01  
 REVISION:R1  
 NOVEMBER 2019