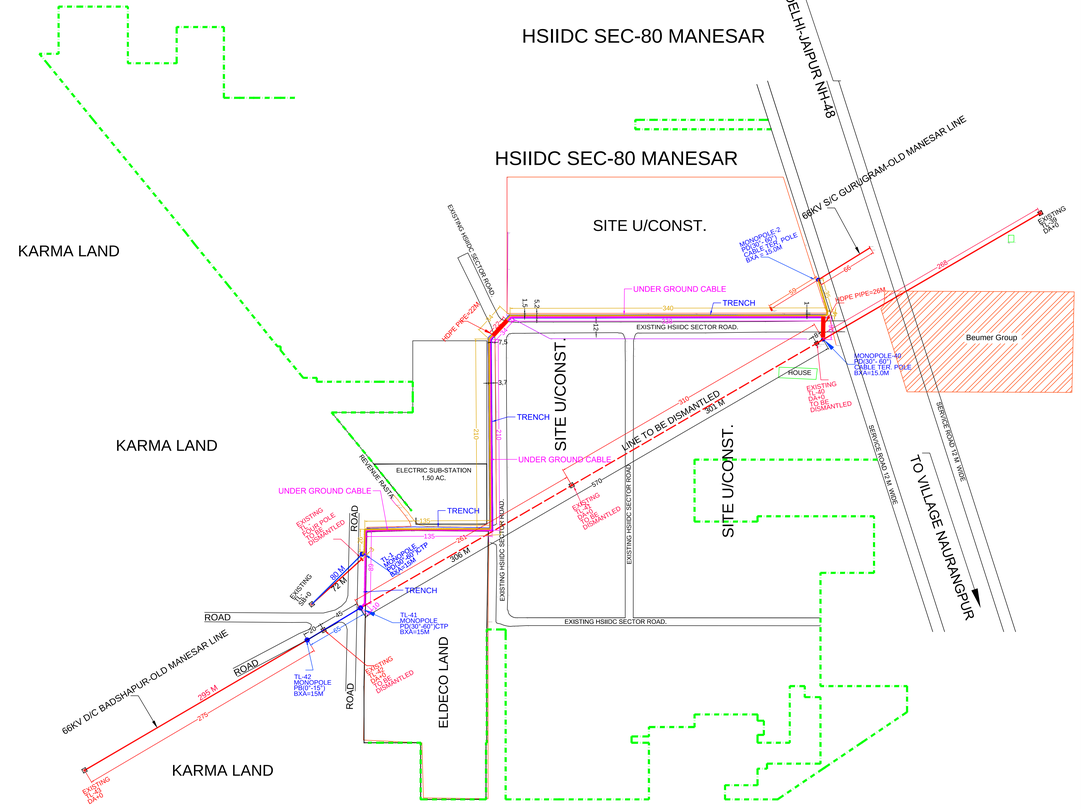
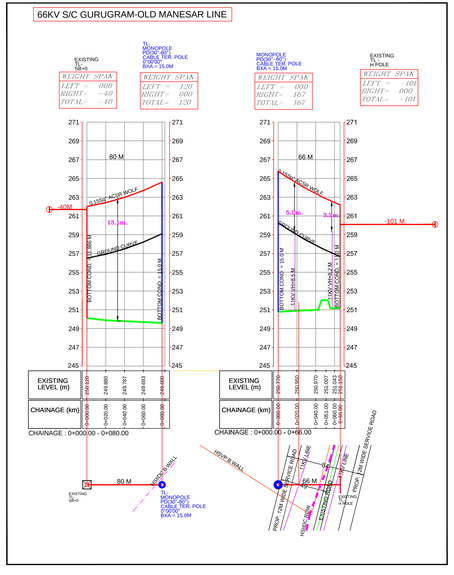
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

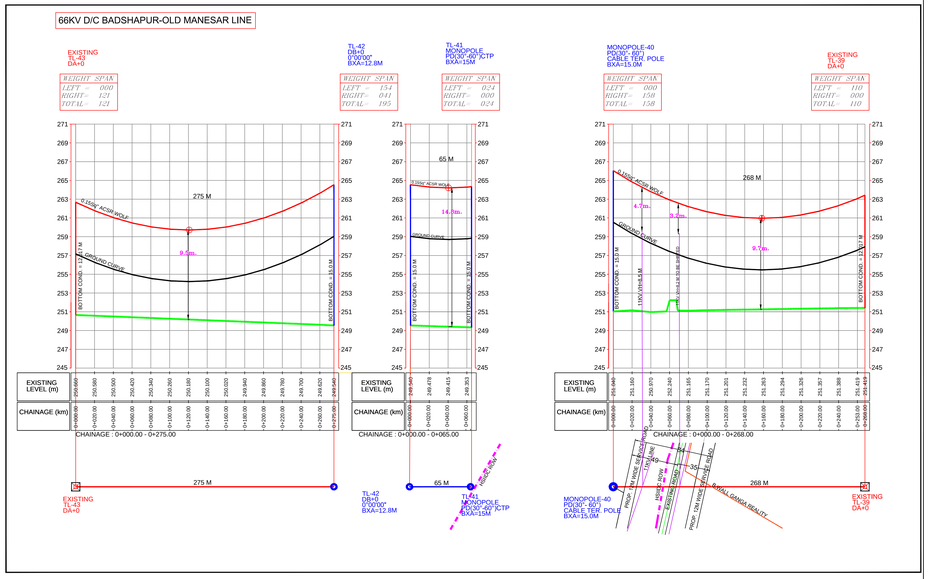
ROUTE PLAN & PROFILE FOR SHIFTING OF 66 KV D/C BADSHAHPUR-OLD MANESAR LINE BETWEEN TL NO. 39 & 42 & 66 KV S/C GURUGAON - OLD MANESAR LINE ON RAIL POLE INFRINGING THE LAND OF HSIIDC SECTOR 80 POCKET-1 MANESAR



66KV S/C GURUGRAM-OLD MANESAR LINE



66KV D/C BADSHAPUR-OLD MANESAR LINE



LEGENDS
EXIST. 66 KV D/C & S/C LINE
PROP. 66 KV D/C & S/C CABLE
ROAD
HSIIDC BOUNDARY WALL

CERTIFIED THAT THE MINIMUM ELECTRICAL CLEARANCE WILL BE MAINTAINED AS PER I.E. RULES.

SDO CONST. S/DIVN. HVPNL, MANESAR

UNDERTAKING

1. THE ROUTE IS ACCEPTABLE TO M/S HSIIDC.
2. M/S HSIIDC SHALL PROVIDE DEDICATED CORRIDOR FOR PROPOSED ROUTE OF THE OVERHEAD LINE
3. THE COST OF THE WHOLE WORK WILL BE BORNE BY M/S HSIIDC.
4. NECESSARY CLEARANCE FROM NHAI, GMDA, GAIL, IOCL, DMRC, OTHER LAND & HCGL SHALL BE OBTAINED BY M/S HSIIDC, IF REQUIRED.
5. M/S HSIIDC SHALL PROVIDE A CLEAR HINDRANCE FREE ALL TIME ACCESS TO THE RIGHT OF WAY TO HVPNL FROM THERE LAND WITH NO OBJECTION TO ANY OTHER STAKE HOLDER / KARMA LAND.
6. M/S HSIIDC SHALL ABIDE ALL TERMS & CONDITIONS/ GUIDELINES OF HVPNL IN RESPECT OF DEPOSIT WORKS.

AUTHORIZED SIGNATORY

HARYANA STATE INDUSTRIAL & INFRASTRUCTURE DEVELOPMENT CORPORATION GURUGRAM

DETAIL OF DISMANTLEMENT 66KV S/C GURUGRAM-OLD MANESAR LINE

S. NO.	DESCRIPTION	QTY.
01.	66 KV S/C (4 POLE) (HSEB DESIGN)	02 NO.
02.	CONDUCTOR 0.15 SQ" ACSR WOLF = 59+72 x 3 = 393M	0.393 KMS.
03.	EARTH WIRE= 0.131. KM.	0.131 KMS.

DETAIL OF DISMANTLEMENT 66KV D/C BADSHAPUR-OLD MANESAR LINE

S. NO.	DESCRIPTION	QTY.
01.	66 KV D/C (DA+0 TOWER) (HSEB DESIGN).	03 NO.
02.	CONDUCTOR 0.15 SQ" ACSR WOLF 636 x 6 = 3.816 KM.	3.816 KMS
03.	EARTH WIRE= 0.636. KM.	0.636 KMS.

TENTATIVE BOQ OF LINE

S. NO.	DESCRIPTION	QTY.
01.	66 KV D/C MONOPOLE CTP PD(30°-60°) BXA = 15 MTR	04 NO.
02.	66 KV D/C MONOPOLE PB(0°- 15°) BXA = 15 MTR	01 NO.
03.	CABLE LENGTH WITH LOOP = 942+70+512 x 6 = 7.296 km	7.296 KM.
04.	CABLE LENGTH WITH LOOP = 787+70 = 857 x 4 = 3.428 km	3.428 KM.
05.	TOTAL TRENCH LENGTH = 0.789 km	0.789 KM.
06.	HDPE PIPE = 26 x 8 = 208 M + 22 x 12 = 264 M = 472 M	0.472 KMS.
07.	CONDUCTOR 0.15 SQ" ACSR WOLF= 65 x 6 = 390= 6 2% SAG = 0.398 KM.	0.398 KMS.
08.	CONDUCTOR 0.15 SQ" ACSR WOLF= 80 x 3 = 240= 5 2% SAG = 0.245 KM.	0.245 KMS.
09.	EARTH WIRE = 80 + 65 = 145 M	0.145 KMS.

HARYANA VIDYUT PRASARAN NIGAM LIMITED

CONTRACTOR :- TELMOS ELECTRONICS, HISAR

SUPPLY, ERECTION, CIVIL WORKS, TESTING AND COMMISSIONING OF SHIFTING / RE-ROUTING OF 66KV COMPOSITE TRANSMISSION LINE WORK IN MANESAR AREA ON TURNKEY BASIS AGAINST PO O. HDP-101/PD&C/EPC-D-121/PD&C/XEN PROJECTS(TL) DATED 30-05-2025

SCALE :- 1 CM : 20 M

SURVEYED BY :- TELMOS		CHECKED BY :- TELMOS		SUBMITTED BY :- TELMOS	
JE CIVIL MANESAR	SDO CONST. MANESAR	HDM TS MANESAR	XEN TS MANESAR	CHD TS GURUGRAM	SE TS GURUGRAM

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