

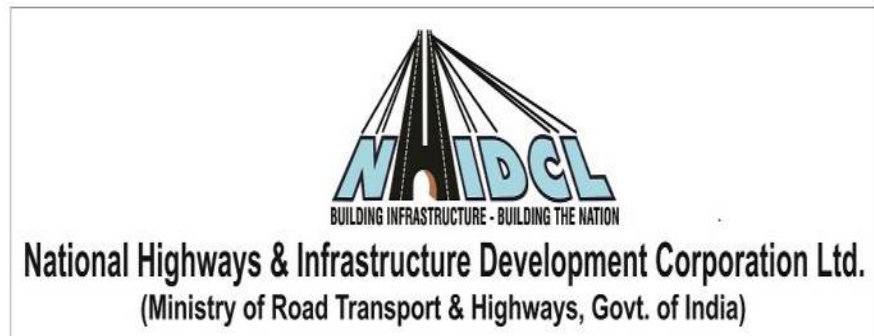
LEGEND:

- TUNNEL MAIN DRAINAGE, PVC PIPE Ø400, 2.89% SECOND PIPE IF REQUIRED
- CARRIAGEWAY DRAINAGE, PRECAST CONCRETE ELEMENTS, SLOT CHANNEL Ø 250 mm, 2.89%
- BASE COURSE DRAINAGE PVC PIPE Ø 150 mm, 2.89%
- SIDEWALL DRAINAGE (GROUNDWATER), PVC PIPE Ø250, PERFORATED, 2.89%
- COLLECTION PIPE FROM SIDEWALL DRAINAGE TO MAIN TUNNEL DRAINAGE PVC PIPE Ø 250, 2.%, L=10.80m
- REVISION NICHE INCLUDING MANHOLE, DISTANCE 100m
- MANHOLE INLET FROM SIDEWALL DRAINAGE TO TUNNEL MAIN DRAINAGE, DISTANCE 100m

NOTES:

- FOR HYDRAULIC LAYOUT OF PORTAL WEST REFER TO DWG 8482B\_II-ZOT\_HYD-02-12-00
- FOR HYDRAULIC LAYOUT OF PORTAL EAST REFER TO DWG 8482B\_II-ZOT\_HYD-03-12-00
- EGRESS TUNNEL DRAINAGE SYSTEM (SIDEWALL DRAINAGE) FOR SUPPORT CATEGORY A-C WITH SIGNIFICANT WATER INFLOW AND TUNNEL CROSS SECTIONS WITH INVERT.

CLIENT



Executive Director - III  
3rd Floor, PTI Building,  
4 - Parliament Street,  
New Delhi - 110001,  
India

PROJECT

**CONSTRUCTION, OPERATION AND MAINTENANCE OF 2-LANE BI-DIRECTIONAL ZOJILA TUNNEL**  
**INCLUDING APPROACHES ON SRINAGAR-LEH SECTION CONNECTING NH-1 AT KM 95.00 AND AT KM 118.00 IN THE STATE OF JAMMU & KASHMIR**

ZOJILA TUNNEL

CONTENT

TENDER DRAWINGS

HYDRAULIC SYSTEM GENERAL SCHEMATIC LAYOUT  
PLAN VIEW

00	2013-03-31	MBu	GFa	AGo	PRELIMINARY TUNNEL DESIGN PHASE II
REV	DATE	DESIG.	DRAWN	APPROVED	MODIFICATION

3G GRUPPE GEOTECHNIK GRAZ  
Engineering Consultants

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Vayam Technologies Ltd  
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	DATE	NAME
DESIGNED	2013-03-31	BURGSTALLER
DRAWN	2013-03-31	FASCHING
APPROVED	2013-03-31	GORICKI
PROJECT NO.:	8482B	REV.: 00
DRAWING NO.:	T8482B_II-ZOT_HYD-01-12-00	SCALE: N.T.S.