



NOTES:-

- ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS ARE IN METERS UNLESS NOTED OTHERWISE. DIMENSIONS ARE NOT TO BE SCALED, ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
- FOR FORMATION LEVELS & SITING OF THE BRIDGE, RELEVANT HIGHWAY PLAN & PROFILE DRAWINGS TO BE REFERRED. IN CASE OF ANY VARIATION HIGHWAY DRAWINGS TO BE CONSIDERED CORRECT.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH OTHER RELEVANT DRAWINGS.
- GRADE OF CONCRETE IN VARIOUS ELEMENTS SHALL BE AS FOLLOWS :-
a) PCC CURTAIN WALL M20
b) RCC BOX/RETURN WALL M35
- GRADE OF STEEL IN VARIOUS ELEMENTS SHALL BE Fe-500 CONFORMING TO IS:1786-1985.
- UPSTREAM END SHALL BE CONFIRMED AT SITE BEFORE CONSTRUCTION.
- NET SAFE BEARING CAPACITY FOR DESIGN HAS BEEN CONSIDERED AS 20T/m².
- INVERT LEVELS ARE CALCULATED BASED ON THE U/S & D/S GROUND LEVELS COLLECTED FROM THE SITE. THE SAME SHALL BE VERIFIED WITH THE THE ACTUAL FIELD LEVELS & FROM CONSIDERATION OF PROPER FUNCTIONAL ASPECT BEFORE START OF ACTUAL CONSTRUCTION.
- FILLER TYPE EXPANSION JOINT SHALL BE PROVIDED.
- FLOOR PROTECTION IS PROPOSED AS PER IRC:89-1997.
- WEEP HOLES ON THE RETURN WALL & BOX SHALL BE SPACED 1000 c/c HORIZONTALLY & VERTICALLY IN STAGGERED MANNER FROM 500MM ABOVE LWL TO HFL.
- LAYING, COMPACTION & EXTENT OF BACKFILL BEHIND RETURN WALL & BOX SHALL CONSIST OF SELECTED EARTH CONFIRMING TO THE APPENDIX-6 OF IRC:78-2000 HAVING PROPERTIES C=0, $\phi=35^\circ$ & DENSITY=18KN/m³
- DK IS THE DEPTH OF KEY AT BASE SLAB VALUE OF DK IS 1400MM.



BORDER ROADS ORGANISATION



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**Detailed Project Report for Improvement of
Meka-Roing-Hunli Road to NH Double Lane
Specifications in Dibang District of
Arunachal Pradesh**

REV	R0				
DATE	October 2012				
DRAWN					
DESIGNED					
CHECKED					
APPROVED					

Scale:	MEKA-ROING-HUNLI ROAD
	FINAL DETAILED PROJECT REPORT
	(PACKAGE RH / N1)
Sheet Size:	GENERAL ARRANGEMENT DRAWING OF
A2	MINOR BRIDGE AT CHAINAGE-15+370
Drg No: Xplorer-SCI/BRO/11193/FDPR/MNBR/15+370/01	