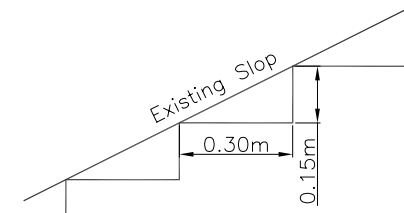


TYPICAL CROSS SECTION (REHABILITATION OF EXISTING PAVED ROAD)

NOTES:

- IF DIFFERENCE BETWEEN PROPOSED FINISHED ROAD LEVEL (FRL) AND TOP OF SCARIFIED SURFACE IS
 - ≥ 105 AWC(5cm)+ABC(8cm)+AGGREGATE BASE(25cm)+SUBBASE(20cm) + IMPROVED SUBGRADE(30cm)+ FILL MATERIAL OF SPECIFIED CBR
 - $\geq 73 < 105$ AWC(5cm)+ABC(8cm)+AGGREGATE BASE(25cm)+SUBBASE(20cm) +IMPROVED SUBGRADE OF VARYING THICKNESS
 - $\geq 53 < 73$ AWC(5cm)+ABC(8cm)+AGGREGATE BASE(25cm)+SUBBASE OF VARYING THICKNESS
 - $\geq 28 < 53$ AWC(5cm)+ABC(8cm)+AGGREGATE BASE OF VARYING THICKNESS
 - < 28 EXCAVATE UPTO 113cm FROM FRL TO ACCOMMODATE NEW PAVEMENT STRUCTURE + 50cm IMPROVED SUBGRADE
- EXISTING BITUMINOUS SURFACE (AWC/DBST ETC) IS TO BE SCARIFIED GROOVES ONLY.
- IN REHABILITATION/RECONSTRUCTION AREAS, BEFORE LAYING NEW LAYERS THE EXPOSED/EXCAVATED WBM/AGGREGATE BASE/SUBBASE/SOIL SURFACE IS TO BE SCARIFIED/PLOUGHED TO A DEPTH OF 20cm, WATERED AND COMPACTED TO THE SPECIFIED DENSITY.
- IN FILL AREAS, BEFORE COMMENCING FILL, CLEARING & GRABBING OR STRIPPING TO BE CARRIED OUT WHERE DIRECTED BY THE ENGINEER. THE CLEARED/GRUBBED OR STRIPPED OR ORIGINAL GROUND SURFACE SHALL BE SCARIFIED/PLOUGHED TO A DEPTH OF 20cm, WATERED AND COMPACTED TO SPECIFIED DENSITY.
- IN CUT AREAS, BEFORE LAYING IMPROVED SUBGRADE THE EXCAVATED SURFACE SHALL BE SCARIFIED/PLOUGHED TO A DEPTH OF 20cm, WATERED AND COMPACTED TO SPECIFIED DENSITY.



DETAILS-1 (BENCHING DETAIL)

NOTE:-
ABC = Asphaltic Base Course
AWC = Asphalt Wearing Course

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ED.NO	DATE	DESCRIPTION	BY	CKD	APPRO	

CLIENT:-	ENERGY DEPARTMENT SINDH COAL AUTHORITY
CONSULTANT:-	EA Consulting (Pvt.) Limited (Formerly Engineering Associates) CONSULTING ENGINEERS, ARCHITECTS, ECONOMISTS & PLANNING EXPERTS

PROJECT:	WIDENING & IMPROVEMENT OF ROAD FROM THATTA TO WANGO MOR VIA THATTA, SUJAWAL, BADIN INCLUDING BYPASSES (225 km) CONTRACT PACKAGE VIII		
DRAWN BY	ZOHAIB	TITLE: TYPICAL CROSS SECTION	
DESIGNED BY	TAHA		
CHECKED BY	ATIF	SCALE:	DWG.NO.
APPROVED BY	TANVEER	N.T.S	EA-768-KW-H-2001