

PROPOSED ROAD SECTION - A-A
6m CARRIAGEWAY WITH SHARED SURFACE ONE SIDE
 SCALE 1:25

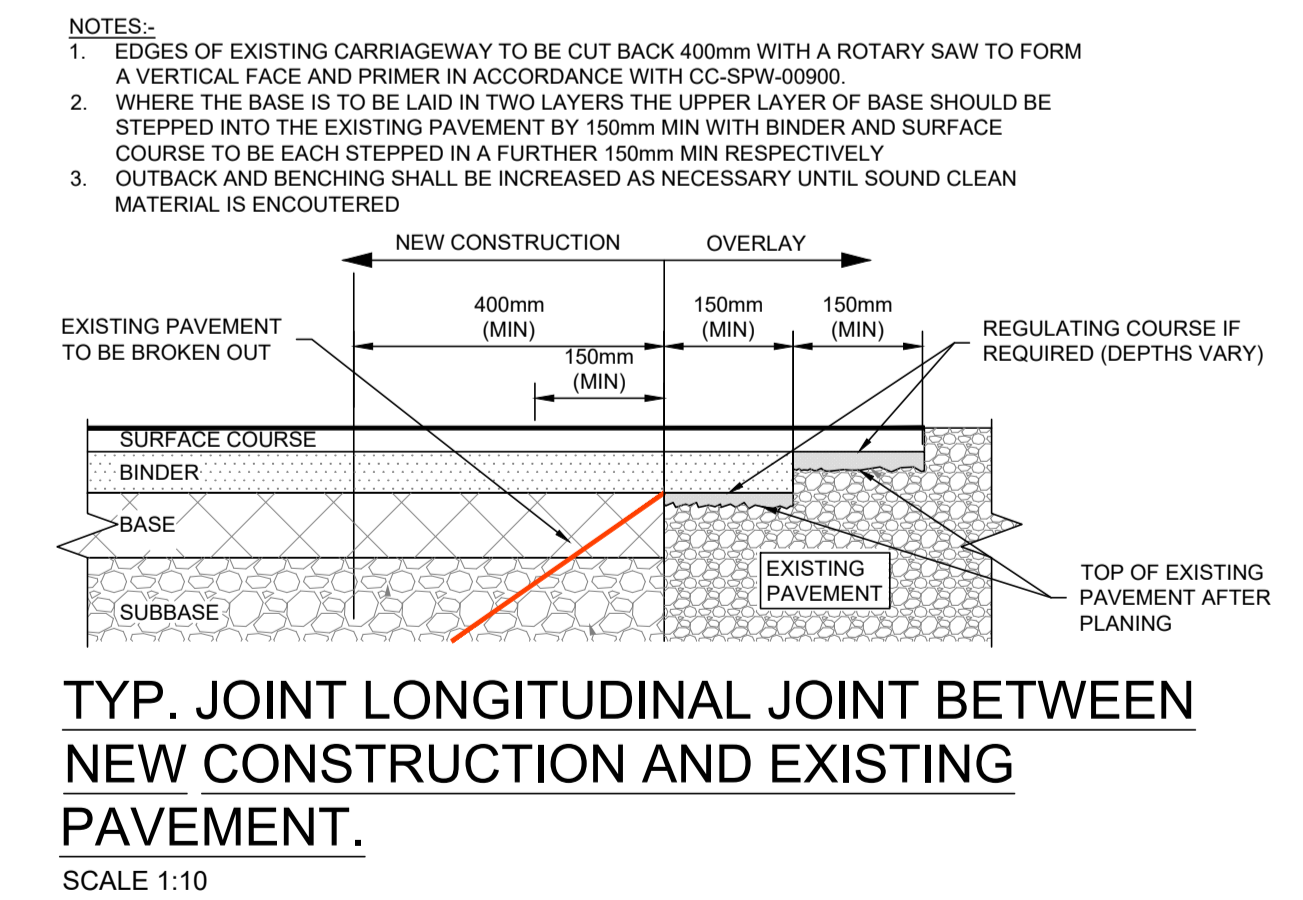
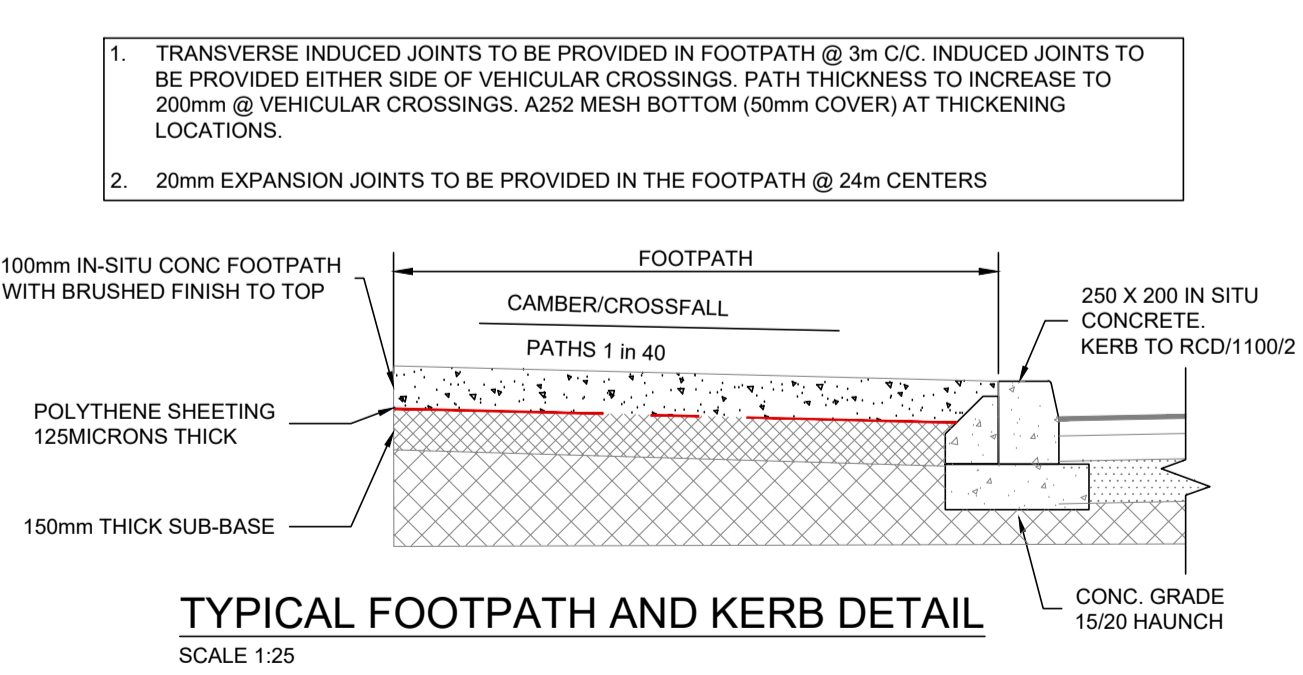
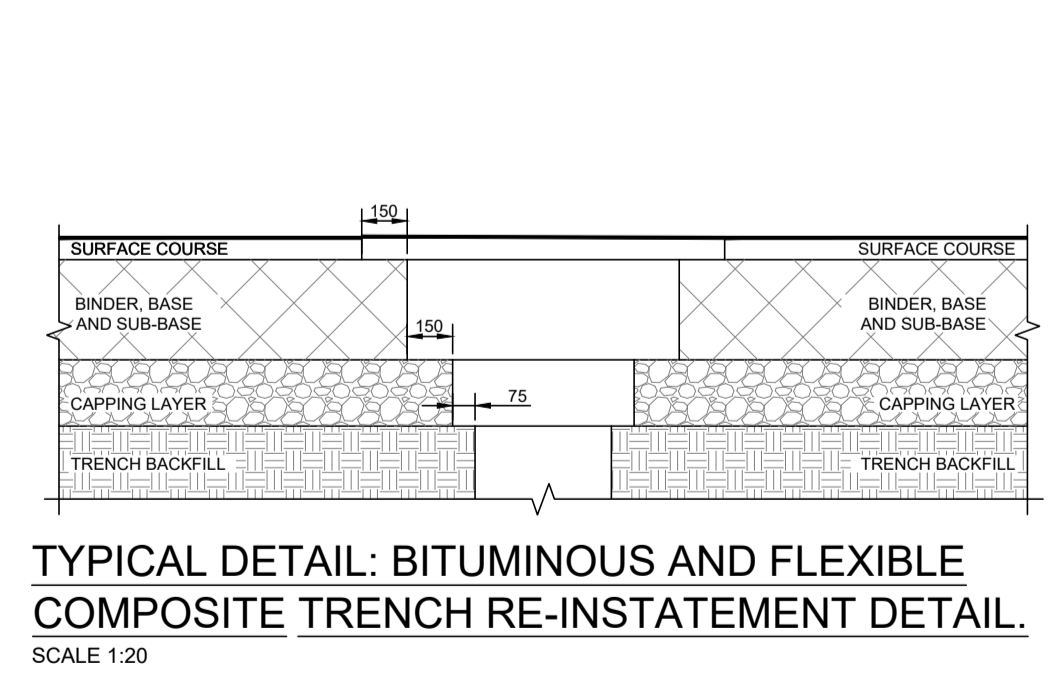
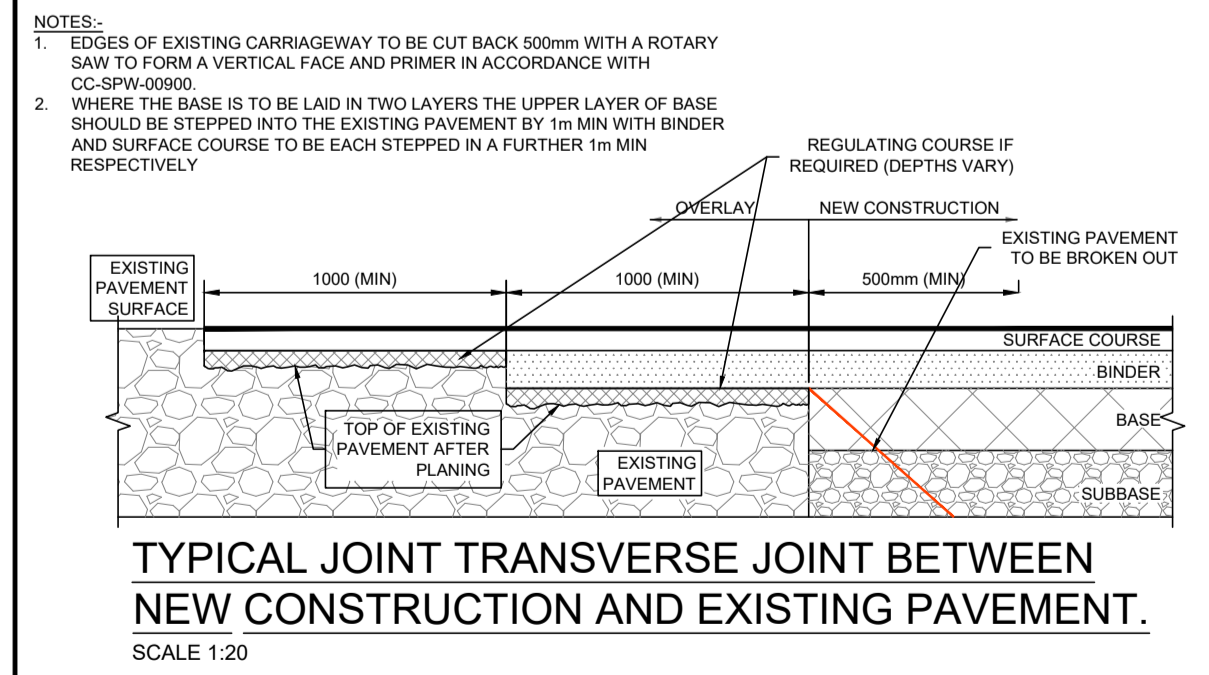
ROADS SPECIFICATION-R150 OVERLAY & WIDENING DETAILS

OVERLAY & CROWN RESHAPING	ROAD SURFACING	(i) COURSE 45mm THICKNESS (COMPACTED) DENSE (TWO COURSE) BITUMEN MACADAM WEARING COURSE (20mm NOMINAL SIZE AGGREGATE) IN ACCORDANCE WITH CLAUSE 910 "SPECIFICATION FOR ROADWORKS" BY THE NATIONAL ROADS AUTHORITY.
	BASE COURSE (REGULATING)	(i) SINGLE COURSE 55mm THICKNESS OF DENSE BITUMINOUS MACADAM (20mm NOMINAL SIZE AGGREGATE) IN ACCORDANCE WITH CLAUSE 906 "SPECIFICATION FOR ROADWORKS" BY THE NATIONAL ROADS AUTHORITY.
FULL DEPTH CONSTRUCTION	ROAD BASE	SINGLE COURSE 80mm THICKNESS (COMPACTED) DENSE BITUMEN MACADAM BASE COURSE (40mm NOMINAL SIZE AGGREGATE) IN ACCORDANCE WITH CLAUSE 903 "SPECIFICATION FOR ROADWORKS" BY THE NATIONAL ROADS AUTHORITY.
	SUB-BASE	150mm THICKNESS (COMPACTED) GRANULAR MATERIAL TYPE B IN ACCORDANCE WITH CLAUSE 804 "SPECIFICATION FOR ROADWORKS" BY THE NATIONAL ROADS AUTHORITY.
	CAPPING LAYER	300mm THICKNESS (COMPACTED) ROCK (HARDCORE) MATERIAL. THE MATERIAL SHOULD HAVE A MAXIMUM SIZE OF 100mm AND THE MAXIMUM ALLOWABLE PASSING THE 75-MICRON SIEVE SHOULD BE 10%. THE MATERIAL SHOULD BE WELL GRADED THROUGHOUT THE SIZES. EXACT THICKNESS TO BE BASED ON CBR RESULTS.

CAPPING LAYER THICKNESS

CBR%	<2	2	3	4-15	16+
Depth	350	250	200	150	0

NOTE:
 REFER TO CC-SPW-00700 FOR SPECIFICATION FOR ROADWORKS SERIES 700 - ROAD PAVEMENTS
 REFER TO CC-SPW-01100 FOR SPECIFICATION FOR ROADWORKS SERIES 1100 - KERBS, FOOTPATHS AND PAVED AREAS.
 REFER TO TII STANDARD DETAILS AND SPECIFICATIONS FOR FURTHER DETAILS



D2 TENDER

© ORS
 This drawing and any design hereon is the copyright of the Consultants and must not be reproduced without their written consent. All drawings remain the property of the Consultants.
 Figured dimension only to be taken from this drawing. All dimensions to be checked on site. Consultants to be informed immediately of any discrepancies before work proceeds.

REV NO:	DATE:	REVISION NOTE:	DWN BY:	CKD BY:
P01	27/09/2023	ISSUED FOR TENDER	PMC	LD

CLIENT:	MONAGHAN COUNTY COUNCIL			
PROJECT:	SCOTCH CORNER - JUNCTION IMPROVEMENT WORKS			
TITLE:	TYPICAL INFRASTRUCTURE DETAILS			
DRAWN:	CHECKED:	APPROVED:	JOB NO:	REV:
PMC	LD	MG	230887	P01
DATE:	SCALE:	DRAWING NO:		
01/08/2023	AS SHOWN	230887-ORS-ZZ-00-DR-TII-1110		

ORS

Mullingar | Dublin | Galway | Donegal | Cork
 T: +353 1 5242060 | W: www.ors.ie | E: info@ors.ie
 ISO 9001:2015 QUALITY ASSURED COMPANY