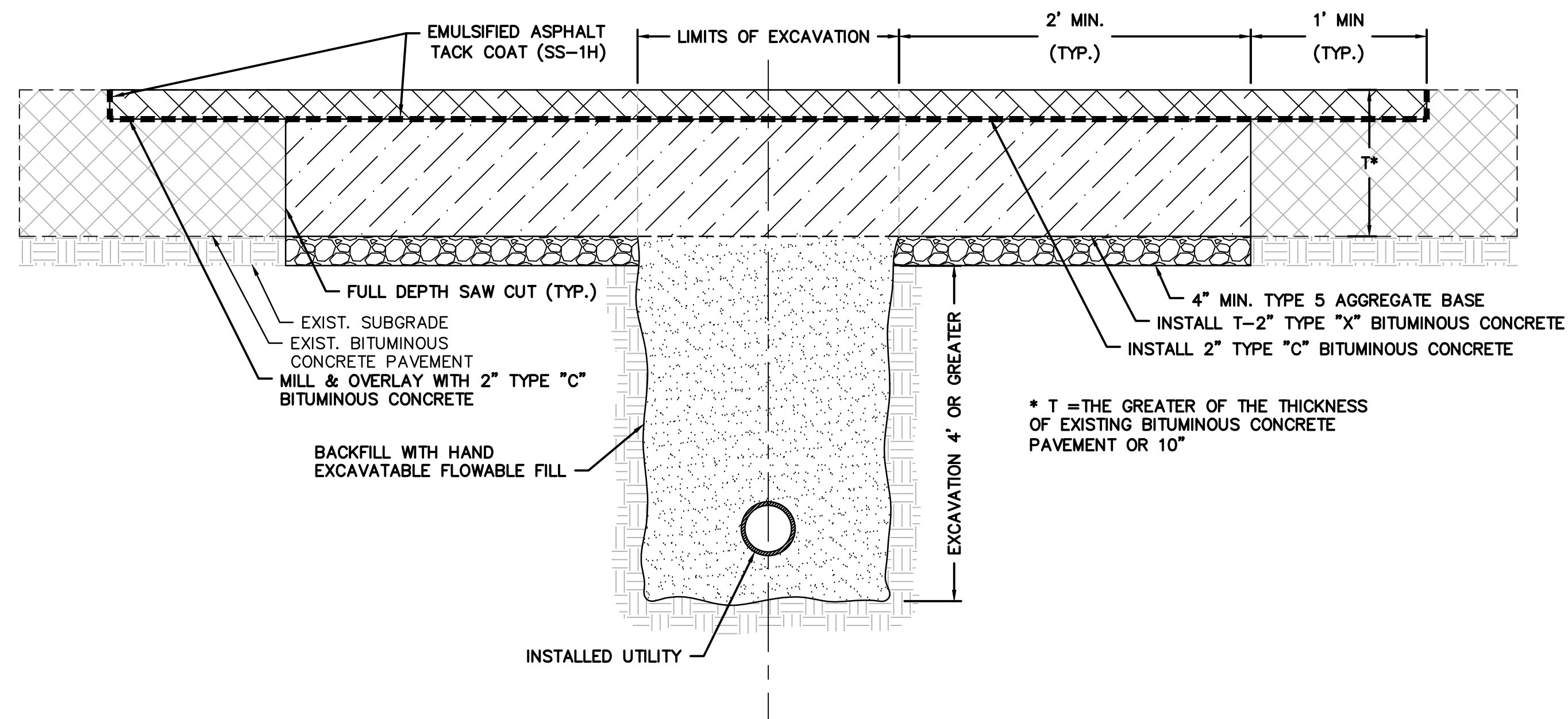
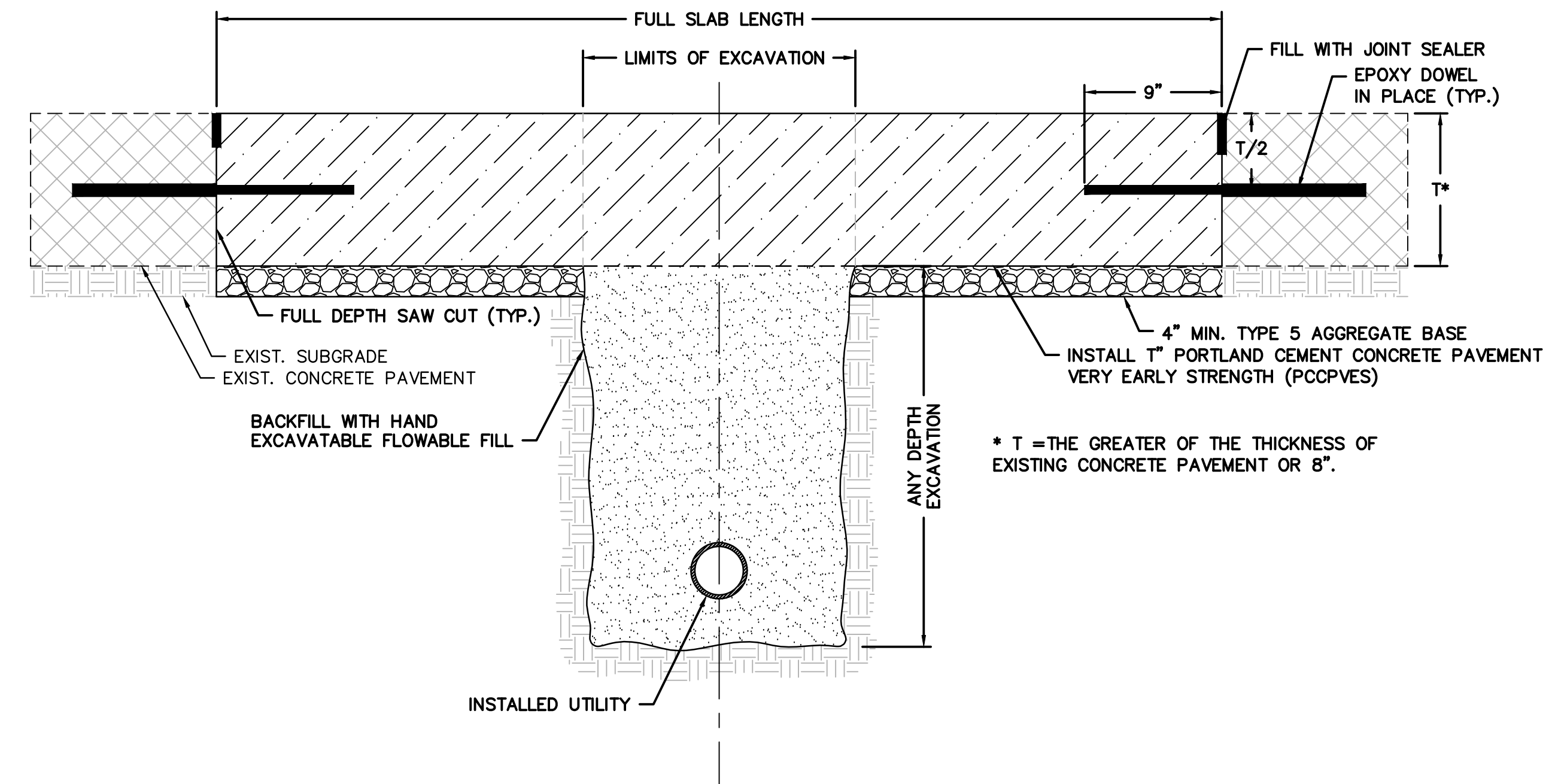


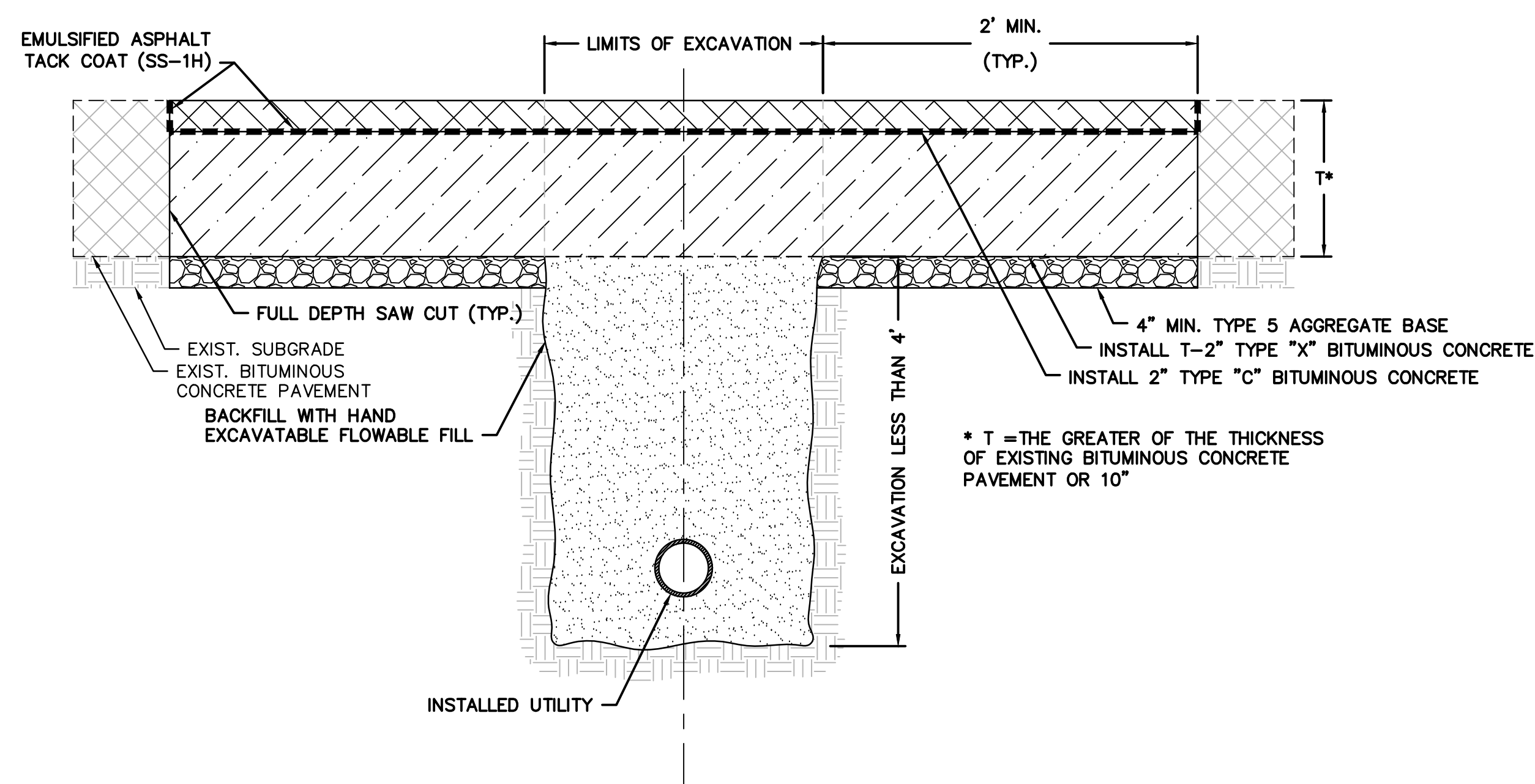
**SURFACE RESTORATION FOR ASPHALTIC CONCRETE PAVEMENT
(EXCAVATION IS 4' DEEP OR GREATER)**



**SURFACE RESTORATION FOR CONCRETE PAVEMENT
(ANY DEPTH EXCAVATION)**



**SURFACE RESTORATION FOR ASPHALTIC CONCRETE PAVEMENT
(EXCAVATION IS LESS THAN 4' DEEP)**



GENERAL NOTES:

- 1) DO NOT SCALE DRAWING, FOLLOW DIMENSIONS
- 2) BITUMINOUS CONCRETE TYPE AND PLACEMENT METHODS SHALL CONFORM TO ST. LOUIS COUNTY STANDARD SPECIFICATIONS FOUND IN SECTION 400.
- 3) PORTLAND CEMENT CONCRETE PAVEMENT TYPE AND PLACEMENT METHODS SHALL CONFORM TO ST. LOUIS COUNTY STANDARD SPECIFICATIONS FOUND IN SECTION 500.
- 4) PORTLAND CEMENT CONCRETE PAVEMENT VERY EARLY STRENGTH (PCCPVES) SHALL HAVE A 4-6 HOUR OPENING TIME PER ST. LOUIS COUNTY STANDARDS.
- 5) REFER TO ST. LOUIS COUNTY STANDARD DRAWING 613.05 FOR TEMPORARY STEEL PLATE INSTALLATION
- 6) LONGITUDINAL AND TRANSVERSE JOINTS: DO NOT DRILL CONCRETE PAVEMENT LESS THAN 7" THICK. FOR ALL OTHER PAVEMENT THICKNESSES, INSTALL LONGITUDINAL BARS BY DRILLING HOLES WITH A GANG-MOUNTED DRILL, SUPPLYING EPOXY IN ACCORDANCE WITH SECTION 1039.3 OF ST. LOUIS COUNTY STANDARD SPECIFICATIONS, AND CLEANING HOLE, INSTALLING EPOXY AND TIE BAR IN ACCORDANCE WITH EPOXY MANUFACTURER'S GUIDELINES. TIE BARS ARE TO BE INSTALLED NO CLOSER THAN 15 INCHES FROM A TRANSVERSE JOINT.
 - a) LONGITUDINAL TIE BAR SIZE AND LENGTH SHALL BE AS FOLLOWS:
 - LESS THAN 11 INCH THICK PAVEMENT, USE NO. 5 DEFORMED BARS, 30-INCHES LONG AT 30-INCH CENTERS
 - GREATER THAN OR EQUAL TO 11 INCH PAVEMENT, USE NO. 6 DEFORMED BARS, 40 INCHES LONG AT 30 INCH CENTERS
 - b) TRANSVERSE TIE BAR SIZE AND LENGTH SHALL BE AS FOLLOWS:
 - LESS THAN 9 INCH THICK PAVEMENT, USE 1 INCH SMOOTH DOWELS, 18 INCHES LONG AT 12 INCH CENTERS
 - BETWEEN 9 and 11 INCH THICK PAVEMENT, USE 1.25 INCH SMOOTH DOWELS, 18 INCHES LONG AT 12 INCH CENTERS
 - GREATER THAN 11 INCH THICK PAVEMENT, USE 1.5 INCH SMOOTH DOWELS, 18 INCHES LONG AT 12 INCH CENTERS
 - SEE NOTE 6 UNDER "GENERAL NOTES", ST. LOUIS COUNTY STANDARD DRAWING 613.04, FOR 6-INCH THICK PAVEMENT.
- 7) JOINT DEPTH AND SEALER MATERIAL IN ACCORDANCE WITH STANDARD DRAWINGS C502.13, "JOINTS" AND C502.14, "CURBS"

DWG: S:\ENGINEERS\Don Mann\Details\Utility Repair Detail.dwg
 DATE: Feb 01, 2018 4:34pm
 USER: daniel.mann
 XREFS: PTBLK



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REV. NO.	DATE	REVISIONS DESCRIPTION	BY

EXCAVATION DETAIL SHEET SURFACE RESTORATION	2018
CITY OF SAINT CHARLES STANDARD DETAILS	
SAINT CHARLES, MISSOURI	

drawn by: _____
 checked by: _____
 approved by: _____
 QA/QC by: _____
 project no.: _____
 drawing no.: _____
 date: FEBRUARY 01, 2018