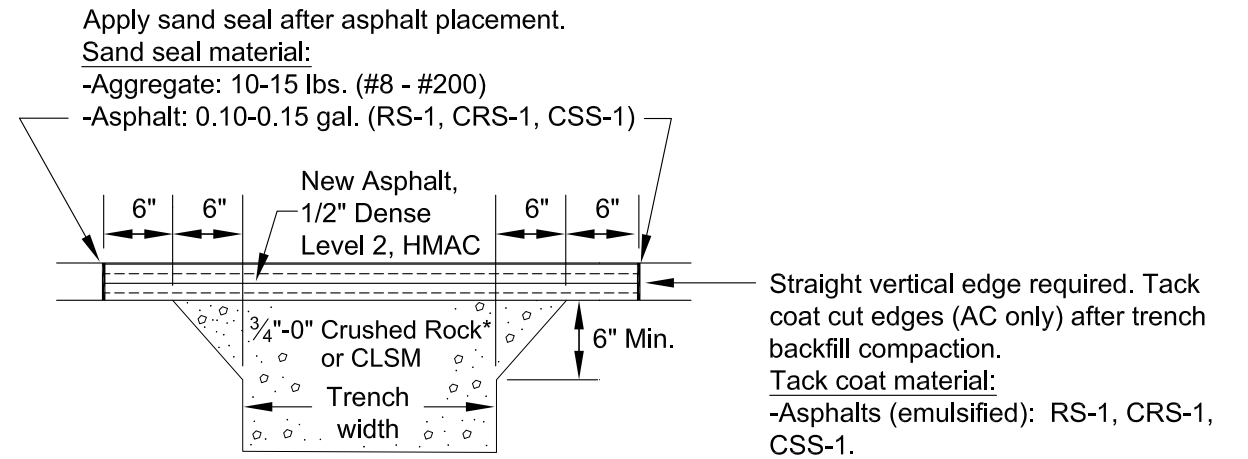


TABLE "A"

"A" (in)	"B" (in)	"C" (in)	"D" (in)
4	10	4	8
6	10	4	8
8	10	6	10
10	10	6	10
12	12	6	10
15	12	6	10
18	16	6	12
21	16	6	12
24	18	6	12
30	18	6	12
36	24	6	14
42	24	6	14
48	24	6	14
54	24	6	14
60	24	6	14
66	24	6	14
72	24	6	14

For pipes over 72" diameter, see general note 3.

\* Maximum AASHTO T99 Method D Density



"SPECIAL" STREET CUT DETAIL

General Notes

- Maximum lifts: 6"
- All compaction shall be done by mechanical tampers.
- Trench Backfill:
  - Class "E" backfill is required below (or undermining) curb & gutter, sidewalk, driveway, or when trench exposes other utilities.
  - 1-sack slurry is required in the pipe bedding and pipe zone for gas and electric lines, telephone and cable tv lines.
- All materials & workmanship shall be in accordance with current Oregon Standard Specification for Highway Construction.

Pavement Structural Section Notes

- All existing AC or PCC pavement shall be sawcut prior to repaving.
- Concrete pavement shall be replaced with concrete to a minimum thickness of 6" or the thickness of removed pavement, whichever is greater.
- Place AC mix minimum thickness of 4" or the thickness of the removed pavement, whichever is greater. Compact as specified.
- Paving Schedule (Class "B" trench backfill): All trenches shall be backfilled and patched at the end of each working day with either cold or hot patch asphalt mix, as required by the specification and/or approved by City Engineer.
- Paving Schedule (Class "E" trench backfill): All trenches shall be backfilled to within 4" of the top of the trench (or existing thickness of asphalt) & covered by nominal 1" steel plates. Length & width of plates to be used are 5' x 10' unless otherwise specified. Plate/pavement overlap shall be a minimum of 12", use plate locks to secure plates in place. Plates are to remain in place for 24 hour minimum or as approved by the City Engineer.

MULTIPLE INSTALLATIONS

DIAMETER	MIN. SPACE BETWEEN PIPES
Up to 48"	24"
48" to 72"	One half (1/2) dia. of pipe

The selection and use of this standard drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user.

Designed By: STAFF  
 Drawn By: KJD  
 Checked By: MPT  
 Approved: JMC



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No.	Date	Revisions	App. By

UTILITY TRENCHES

2018

DWG. NO. GP300