



**TRENCH RESTORATION:
GRANULAR BACKFILL
(CROSS-SECTION VIEW)**

SCALE = N.T.S.

NOTES:

1. SAWCUT EDGES TO BE TACKED WITH EMULSIFIED ASPHALT.
2. ASPHALT JOINTS SHALL BE SAND SEALED WITH CRS-1 OR CRS-2 EMULSIFIED ASPHALT OR EQUIVALENT.
3. CONTROL DENSITY FILL SHALL BE USED ON COLLECTOR AND ARTERIAL STREETS. REFER TO CITY DETAIL 210.

SHORING TRENCH CLEARANCE WIDTH	
D (IN.)	TRENCH(IN)
4-10	9
12-16	12
18-21	16
24-30	18
36-72	24

**CONDUIT TRENCH PIPE ZONE
(CROSS-SECTION VIEW)**

SCALE = N.T.S.

**CITY OF HAPPY VALLEY
ENGINEERING DIVISION**
16000 SE MISTY DRIVE
HAPPY VALLEY, OR 97086

DWG NO: 205	TRENCH RESTORATION WITH GRANULAR BACKFILL	
CITY ENGINEER CAROL EARLE, P.E.	DATE: 4/1/2019	REVISED BY: PCB/JHH