STREET & STORM DRAINAGE NOTES

1. STREET AND STORM DRAIN IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CLACKAMAS COUNTY ROADWAY STANDARDS AND THE APPROPRIATE SURFACE WATER DISTRICT. ALL STORM SEWER PIPES SHALL HAVE RUBBER GASKETS, WHICH SHALL PROVIDE A WATER TIGHT CONNECTION.

2. ALL TRENCH EXCAVATION SHALL CONFORM TO THE WATER ENVIRONMENT SERVICES PUBLICATION TITLED *CLACKAMAS COUNTY SERVICE DISTRICT NO. 1 – STANDARD SURFACE WATER SPECIFICATION*.

3. PIPE BEDDING AND PIPE ZONE SHALL CONFORM TO THE EXCAVATION AND BACKFILL DETAILS, AND SHALL BE 3/4"–0" CRUSHED ROCK.

4. COMPACTION SHALL BE PER ODOT/APWA STANDARD SPECIFICATIONS PART 3. CONTRACTOR TO DETERMINE TYPE OF EQUIPMENT AND THE METHOD USED TO ACHIEVE REQUIRED COMPACTION.

5. TRENCH BACKFILL OUTSIDE OF RIGHT–OF–WAYS OR PAVED AREAS MAY BE EXCAVATED TRENCH MATERIAL. TRENCH BACKFILL IN PAVED AREAS SHALL BE AN APPROVED GRANULAR MATERIAL.

6. MATERIAL IN SOFT SPOTS WITHIN THE ROADWAY SHALL BE REMOVED TO THE DEPTH REQUIRED TO PROVIDE A FIRM FOUNDATION AND SHALL BE REPLACED WITH 1–1/2"–0 CRUSHED ROCK. THE ENTIRE SUBGRADE SHALL BE THOROUGHLY COMPACTED TO 95% AASHTO T–99.

7. CONTRACTOR SHALL NOTIFY THE ENGINEER WHEN SUBGRADE IS COMPLETE AND 24 HOURS PRIOR TO PLACEMENT OF BASE ROCK MATERIAL. CONTRACTOR SHALL ALSO NOTIFY THE ENGINEER 24 HOURS PRIOR TO FINAL PAVING FOR AN INSPECTION OF THE WORK. CLACKAMAS COUNTY REQUIRES A PROOF ROLL WITH A FULLY LOADED 10–YARD DUMP TRUCK TO CHECK SUBGRADE COMPACTION PRIOR TO PLACEMENT OF ROCK SUBBASE AND AGAIN AT THE COMPLETION OF THE PLACEMENT OF THE BASE ROCK PRIOR TO PAVING THE FIRST LIFT OF ASPHALT CONCRETE.

8. PRIVATE STORM WATER DETENTION SYSTEMS ARE NOT PERMITTED IN PUBLIC RIGHT–OF–WAY.

UTILITY NOTES

1. THE CONTRACTOR IS REQUIRED TO OBTAIN A UTILITY PLACEMENT PERMIT FOR UTILITY CONNECTIONS IN THE RIGHT–OF–WAY. CONTACT THE CLACKAMAS COUNTY ENGINEERING DEPARTMENT FOR A UTILITY PLACEMENT PERMIT. CONTACT THE COUNTY AT (503) 742–4400.

2. UTILITY TRENCHING IN CERTAIN CLACKAMAS COUNTY ROADWAYS IS REQUIRED, BY THE UTILITY SECTION OF THE ROAD USE ORDINANCE, TO BE BACKFILLED WITH CONTROLLED DENSITY FILL (CDF). THE PAVEMENT IN THE TRENCH AREA MUST BE SAWCUT PRIOR TO COMMENCING THIS WORK. THE CDF MUST CONFORM TO THE SPECIFICATIONS AS LISTED IN THE COUNTY DEPARTMENT OF TRANSPORTATION OFFICES. STEEL PLATING SHALL NOT BE REMOVED UNTIL CDF IS SET AND READY TO BE PAVED OVER. DEPENDING ON GROUND WATER LEVELS, TEMPERATURES AND THE VARIANCES IN THE FILL MATERIAL, IT COULD TAKE THE CDF ONE TO FOUR DAYS TO SET.

3. COPIES OF THE CDF MATERIAL DELIVERY SLIPS SHALL BE SUBMITTED FOR COUNTY RECORDS. SUBMIT COPIES TO THE ROAD PRESERVATION SECTION, CLACKAMAS COUNTY, 150 BEAVERCREEK RD, OREGON CITY, OR 97045.

REVISION	DATE	BY
EDIT SPACING	12/12	RN

DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

150 BEAVERCREEK ROAD
OREGON CITY, OR 97045

CLACKAMAS COUNTY

APPROVAL DATE: 2/1/13 SCALE: N.T.S.

STANDARD NOTES
STREET, STORM, AND UTILITY

STANDARD DRAWING
N300