

### GENERAL NOTES (CONTINUED)

18. CONTRACTOR SHALL CAREFULLY MAINTAIN BENCHMARKS, PROPERTY CORNERS, MONUMENTS, AND OTHER REFERENCE POINTS PURSUANT TO ORS 209.140 AND ORS 209.150. IF SUCH POINTS ARE DISTURBED OR DESTROYED BY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND PAY FOR THEIR REPLACEMENT BY EMPLOYING A PROFESSIONAL LAND SURVEYOR TO RESET PROPERTY CORNERS & OTHER SUCH MONUMENTS.

19. AT THE PRECONSTRUCTION MEETING, PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL PRESENT A LIST OF SUBCONTRACTORS, A PROJECT SCHEDULE, A TRAFFIC CONTROL PLAN AND A LIST OF AT LEAST THREE PEOPLE, WITH PHONE NUMBERS, RESPONSIBLE FOR MAINTAINING TRAFFIC CONTROL DURING NON-WORK PERIODS.

20. FINAL CLEANUP – PRIOR TO FINAL ACCEPTANCE, THE CONTRACTOR SHALL CLEAN THE WORK SITE AND ADJACENT AREAS OF ANY DEBRIS, DISCARDED ACP, CONCRETE OR OTHER ITEMS DEPOSITED BY THE CONTRACTOR'S PERSONNEL DURING THE PERFORMANCE OF THIS CONTRACT.

21. THE LOCATION OF ABOVE GROUND IMPROVEMENTS (EXISTING AND PROPOSED) SHALL NOT CONFLICT WITH THE REQUIRED SIDEWALK WIDTHS, ROADWAY IMPROVEMENTS, AND REQUIRED SIGHT DISTANCE.

(ENGINEER TO ADD ADDITIONAL NOTES SPECIFIC TO THE PROJECT.)

### GRADING NOTES

1. ALL FILLS MUST BE PLACED CONSISTENT WITH COUNTY CODE TITLE 9.03100, EXCAVATION AND GRADING. SITE PREPARATION MUST INCLUDE THE REMOVAL OF VEGETATION, NON-COMPLYING FILL, TOPSOIL, OR OTHER UNSUITABLE MATERIAL PRIOR TO PLACEMENT OF THE FILL. FILL SLOPES SHALL NOT EXCEED A GRADE OF TWO HORIZONTAL TO ONE VERTICAL.

2. ALL CUTS SHALL BE MADE CONSISTENT WITH TITLE 9.03.090, EXCAVATION AND GRADING ORDINANCE. NO CUT SHALL EXCEED A GRADE OF TWO HORIZONTAL TO ONE VERTICAL UNLESS APPROVED BEFOREHAND BY THE PROJECT GEOTECHNICAL ENGINEER AND CLACKAMAS COUNTY.

3. APPROPRIATE BENCHING OF FILLS IS REQUIRED FOR FILLS OVER FIVE FEET IN HEIGHT ON SLOPES IN EXCESS OF FIVE HORIZONTAL TO ONE VERTICAL. BENCHING MUST BE DONE IN ACCORDANCE WITH THE APPROVED PLANS. CLACKAMAS COUNTY SHALL INSPECT BENCHES PRIOR TO FILL PLACEMENT.

4. CUT AND FILL SLOPES AND ALL EXPOSED SOILS SHALL BE PROTECTED FROM EROSION AND BE IN COMPLIANCE WITH THE LOCAL SURFACE WATER AUTHORITY RULES, REGULATIONS, AND STANDARDS. SUCH CONTROL SHALL CONSIST OF TEMPORARY MEASURES DURING CONSTRUCTION AND PERMANENT MEASURES AT THE COMPLETION OF CONSTRUCTION ACTIVITIES; INCLUDING APPROPRIATE REVEGETATION OR OTHER ACCEPTABLE MEANS AND METHODS. TEMPORARY EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO EARTHWORK OR SITE STRIPPING.

5. THE CONTRACTOR SHALL NOTIFY THE PRIMARY INSPECTOR, COUNTY INSPECTOR, AND GEOTECHNICAL ENGINEER 48 HOURS PRIOR, FOR ALL REQUIRED EROSION CONTROL AND STRUCTURAL FILL INSPECTIONS AT THE FOLLOWING STAGES OF CONSTRUCTION:

- A. EROSION CONTROL INSPECTION PRIOR TO INITIATING CONSTRUCTION ACTIVITIES;
- B. PROOF ROLL ON SUBGRADE AND
- C. AT EVERY ONE FOOT OF STRUCTURAL FILL OR 300 CUBIC YARDS AND
- D. AT COMPLETION OF STRUCTURAL FILL BEFORE GEOTEXTILE FABRIC AND BASE AGGREGATE IS PLACED AND
- E. AT COMPLETION OF BASE AGGREGATE COURSE FOLLOWED BY DENSITY TESTING ON THE FINAL BASE COURSE PRIOR TO PAVING.

7. THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE RELOCATION (AS NECESSARY) OF EXISTING UTILITIES DUE TO ANY CUT/FILL OPERATIONS OR ROADWAY IMPROVEMENTS. COORDINATION SHALL TAKE PLACE PRIOR TO INITIATION OF WORK.


### 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, OR ENGINEERING@CLACKAMAS.US

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 IN STANDARD DETAILS U250-U280.

3. COPIES OF THE CDF MATERIAL DELIVERY SLIPS SHALL BE SUBMITTED FOR COUNTY RECORDS. SUBMIT COPIES TO THE COUNTY INSPECTOR.

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REVISION	DATE	BY	DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT  150 BEAVERCREEK ROAD OREGON CITY, OR 97045	 CLACKAMAS COUNTY	APPROVAL DATE: _____  SCALE: N.T.S.  STANDARD NOTES GENERAL (CONTINUED) & GRADING NOTES	STANDARD DRAWING  N200
EDIT SPACING	12/12	RN				
EDIT TITLE	12/12	RN				
	11/19	BP				