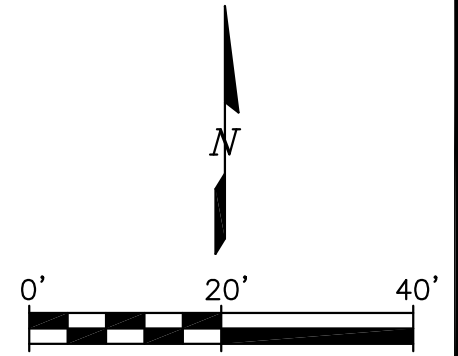
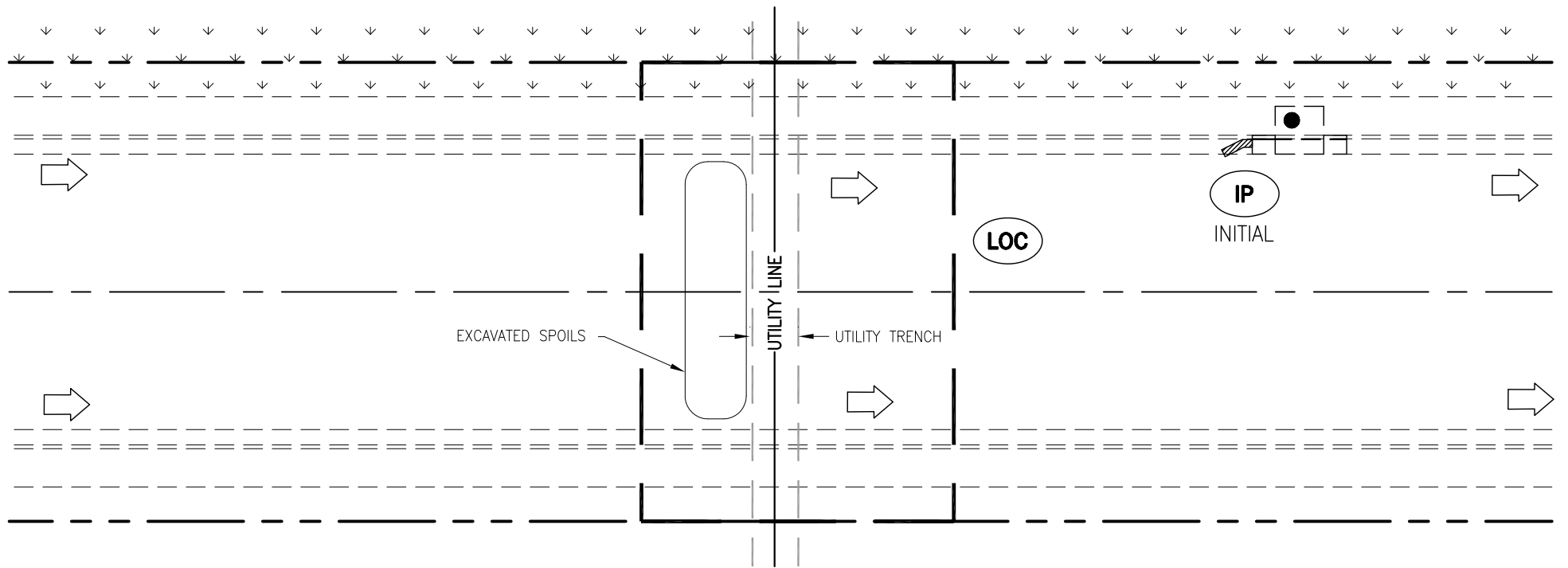


STANDARD NOTES FOR A UTILITY TRENCH:

# STANDARD UTILITY TRENCH IN ROADWAY DETAIL



1. THIS DETAIL HAS BEEN PREPARED FOR USE WITH A SMALL UTILITY CONSTRUCTION PROJECTS ANNUAL GESC PERMIT FOR UTILITY TRENCHING OPERATIONS IN PAVED AREAS.
2. ALL UTILITY WORK WITHIN A DOUGLAS COUNTY RIGHT OF WAY SHALL BE REQUIRED TO OBTAIN A DOUGLAS COUNTY RIGHT OF WAY USE AND CONSTRUCTION PERMIT IN ACCORDANCE WITH THE ROADWAY MANUAL.
3. ALL BMPS SHALL BE INSTALLED PER THE DOUGLAS COUNTY SMALL UTILITY GESC PLAN STANDARD NOTES AND DETAILS.
4. THE DIMENSION AND SITE LAYOUT SHOWN ARE APPROXIMATE, AND MAY VARY BASED ON SITE CONDITIONS AND WORK REQUIREMENTS.
5. ALL EXCAVATED MATERIAL SHALL BE CONTAINED WITHIN THE LIMITS OF CONSTRUCTION. SEDIMENT CONTROL LOG OR REINFORCED ROCK BERM SHALL BE INSTALLED DOWN-GRADIENT OF ANY STOCKPILES OR SPOILS PILES.
6. STORM SEWER INLET PROTECTION SHALL BE PROVIDED WHENEVER SOIL EROSION FROM THE EXCAVATED AREA HAS THE POTENTIAL OF ENTERING THE STORM DRAINAGE SYSTEM
7. WHERE CONSISTENT WITH SAFETY AND SPACE CONSIDERATIONS, EXCAVATED MATERIAL IS TO BE PLACED ON THE UPHILL SIDE OF TRENCHES.
8. WHEN EXCAVATED SPOILS ARE TEMPORARILY PLACED IN PAVED AREAS, THE PERMITTEE(S) SHALL BACKFILL ANY OPEN EXCAVATIONS AND CLEAN ALL PAVED AREAS BEFORE THE END OF EACH WORK DAY.
9. A CONCRETE WASHOUT AREA (CWA) SHALL BE REQUIRED IF THERE IS CONCRETE WORK ONSITE.
10. THE BMPS SHOWN ON THIS DETAIL REPRESENT THE MINIMUM REQUIREMENTS. ADDITIONAL BMPS MAY BE REQUIRED BASED ON SITE CONDITIONS, AND AT THE DISCRETION OF THE EROSION CONTROL INSPECTOR.
11. DEWATERING DISCHARGES SHALL BE FREE OF ANY SEDIMENT. THE PERMITTEE(S) SHALL SCHEDULE AN ONSITE INSPECTION WITH THE EROSION CONTROL INSPECTOR PRIOR TO THE START OF ANY SITE DEWATERING OPERATIONS. SEE THE GESC MANUAL FOR THE DEWATERING REQUIREMENTS.
12. CLEAN UP ALL SPILLS AND LEAKS USING "DRY" METHODS (WITH ABSORBENT MATERIALS AND/OR RAGS). IF SPILLS OCCUR ON DIRT AREAS, REMOVE THE CONTAMINATED SOIL AND DISPOSE OF PROPERLY.
13. FINAL STABILIZATION MEASURES SHALL BE IMPLEMENTED 14 DAYS FOLLOWING THE COMPLETION OF THE UTILITY CONSTRUCTION. FINAL STABILIZATION INCLUDES REPLACEMENT OF LANDSCAPING, PAVEMENT, OR DRILL SEEDING AND STRAW CRIMP MULCHING (SM). EROSION CONTROL BLANKETS (ECB) MAY BE USED IN LIEU OF STRAW CRIMP MULCHING OVER SEEDED AREAS.



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	<h2>UTILITY TRENCH IN ROADWAY</h2> <p><i>STREET NAME</i></p>	Project No.: xxx-xxx.xxx Date: 12/14/2011 Design By: TAE Drawing No. 2 of 15