

# THE CITY OF OREGON SANITARY SEWER GENERAL NOTES & SPECIFICATIONS

**MAINTAINING TRAFFIC**

TRAFFIC SHALL BE MAINTAINED AND SAFETY PROVISIONS MADE IN ACCORDANCE WITH ODOT ITEM 614, THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND THE REQUIREMENTS OF THIS NOTE.  
ANY LANE RESTRICTIONS OR CLOSURES SHALL BE APPROVED BY THE DIRECTOR OF PUBLIC SERVICE A MINIMUM OF ONE-WEEK BEFORE WORK COMMENCES.  
ACCESS TO ADJACENT PROPERTIES AFFECTED BY ANY CONSTRUCTION OPERATIONS SHALL BE MAINTAINED AT ALL TIMES UNLESS PERMISSION TO CLOSE THE FACILITY IS GRANTED BY THE OWNERS AND THE ENGINEER.

TRAFFIC SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION OF THIS PROJECT. DURING PERIODS WHEN THE CONTRACTOR IS WORKING TRAFFIC MAY BE LIMITED TO ONE-WAY FLOW ON A MINIMUM OF TEN FOOT LANE, PROVIDED TWO FLAGGERS ARE ON SITE TO REGULATE FLOW. AT ALL OTHER TIMES (NIGHTS, WEEKENDS, INCLEMENT WEATHER) WHEN WORK IS SUSPENDED, THE ROAD SHALL BE REOPENED TO TWO WAY FLOW ON A PAVEMENT EQUAL TO THE EXISTING PAVEMENT WIDTH. THE FOLLOWING SIGNS SHALL BE PROVIDED TO ESTABLISH THE CLOSURE OF ONE LANE:  
ROAD CONSTRUCTION AHEAD (OW-128, 36"x36") IN ADVANCE OF CLOSURE  
ONE LANE AHEAD (OW-121, 36"x36") IN ADVANCE OF CLOSURE  
FLAGMAN AHEAD (OW-123, 36"x36") 350 FEET IN ADVANCE OF CLOSURE  
WHEN THE ROAD IS RE-OPENED TO TWO-WAY TRAFFIC, THE SIGNS SHALL BE REMOVED OR COVERED.

WHENEVER THE PERMANENT PAVEMENT SURFACE WILL NOT BE REPLACED THE SAME DAY AS REMOVED, A 2 1/2" THICKNESS OF ODOT ITEM 451 BITUMINOUS COLD MIX SHALL BE REQUIRED AS TEMPORARY REPLACEMENT. PERMANENT REPLACEMENT MUST BE ACCOMPLISHED WITHIN THREE WEEKS, WEATHER PERMITTING.  
IF MAINTENANCE OF TRAFFIC FACILITIES, PROVISIONS FOR TRAFFIC CONTROL AND SAFETY ARE NOT ACCOMPLISHED TO THE SATISFACTION OF THE ENGINEER, THEN THE ENGINEER SHALL NOTIFY THE CONTRACTOR OF SUCH DEFICIENCIES. IF PROMPT CORRECTIVE ACTIONS ARE NOT TAKEN BY THE CONTRACTOR, THE CITY MAY PERFORM THE WORK AND DEDUCT FROM MONIES DUE THE CONTRACTOR.

PAYMENT FOR MAINTENANCE OF TRAFFIC SHALL BE PAID FOR UNDER THE LUMP SUM ITEM 614 MAINTAINING TRAFFIC.  
TRAFFIC CONTROL DEVICES SHALL BE SET UP PRIOR TO START OF CONSTRUCTION AND SHALL BE PROPERLY MAINTAINED DURING THE TIMES THAT SPECIAL CONSTRUCTION CONDITIONS EXIST. DEVICES SHALL REMAIN IN PLACE ONLY AS LONG AS NEEDED AND SHALL BE COVERED IMMEDIATELY THEREAFTER. WHERE STAGE CONSTRUCTION IS REQUIRED, ONLY THOSE DEVICES WHICH APPLY TO THE CONDITIONS PRESENT DURING THE STAGE PROCESS SHALL BE IN PLACE. ALL SIGNS WITH MESSAGES WHICH DO NOT APPLY DURING A CERTAIN PERIOD SHALL BE SET ASIDE OUT THE VIEW OF TRAFFIC OR COVERED. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT CLEAN AND LEGIBLE AND SHALL BE ERECTED IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL.

**UNDERGROUND UTILITIES**  
THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS OF THE UTILITY AS REQUIRED BY SECTION 153.64 ORC. IT IS BELIEVED THAT THEY ARE ESSENTIALLY CORRECT BUT THE CITY OF OREGON DOES NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS. THE LOCATION OF ALL EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE APPROXIMATE. DETERMINATION OF THE EXACT LOCATION OF EXISTING UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE CONTENTS OF THE CONDUIT THROUGH THE UTILITY OWNER PRIOR TO BID. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING UTILITIES CAUSED BY HIS OPERATIONS. THE OWNER SHALL NOT BE RESPONSIBLE FOR DELAYS DUE TO ABANDON UTILITIES.  
THE CONTRACTOR SHALL BE RESPONSIBLE FOR RE-ESTABLISHING/REPAIRING ANY SERVICES THAT MAY BE DAMAGED DURING CONSTRUCTION.

**UTILITY ADJUSTMENT**  
ANY AND ALL WORK REQUIRED FOR PUBLIC OR PRIVATE UTILITIES SHALL BE DONE BY AND AT THE EXPENSE OF THEIR RESPECTIVE OWNERS, UNLESS OTHERWISE NOTED ON THESE PLANS. THE CONTRACTOR MUST OBTAIN A PERMIT FROM THE CITY OF OREGON ONE WEEK PRIOR TO COMMENCING WORK IN THE PUBLIC RIGHT-OF-WAY. APPLICATION FOR PERMIT SHALL BE MADE AT THE OFFICE OF THE CITY OF OREGON, SERVICE DIRECTOR.  
THE CONTRACTOR SHALL OBTAIN ANY PERMITS NECESSARY AND COMPLY WITH THE CITY OF OREGON'S REGULATIONS IN CONNECTION WITH THE SANITARY SEWER ROAD CROSSING IN THIS PROJECT.

**UTILITY NOTIFICATION**

THE CONTRACTOR SHALL NOTIFY ALL INVOLVED UTILITY COMPANIES AT LEAST FIVE (5) WORKING DAYS BEFORE ANY CONSTRUCTION WORK IS PERFORMED.  
THE CONTRACTOR SHALL NOTIFY THE OHIO UTILITIES PROTECTION SERVICE (OUPS) AT LEAST TWO WORKING DAYS PRIOR TO COMMENCING WORK, AT (800) 362 - 2764. NON-MEMBERS MUST BE CONTACTED SEPARATELY.

ABOVE GROUND (AERIAL) UTILITIES, INCLUDING POWER, TELEPHONE AND CABLE TELEVISION, SHALL REMAIN IN SERVICE AT ALL TIMES. ANY ANTICIPATED DISRUPTION OF SERVICE SHALL BE WITH FULL KNOWLEDGE OF THE UTILITY COMPANY AND REQUIRED ADVANCE NOTICE TO AFFECTED USERS. REMOVAL OF GUY WIRES, SAFETY INSULATING OF WIRES AND HOLDING OF POLES SHALL BE DONE AS REQUIRED TO COMPLETE THE WORK. SHALL BE AGREED UPON BY THE UTILITY COMPANY AND THE CONTRACTOR. ARBITRARY DISRUPTION OF UNDERGROUND AND AERIAL UTILITY SERVICES WILL NOT BE PERMITTED.  
THE FOLLOWING IS A LIST OF UTILITIES THAT ARE KNOWN TO BE WITHIN THE LIMITS OF CONSTRUCTION (NOT ALL MAY APPLY):

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| <b>CITY OF OREGON</b><br>P.O. BOX 167567<br>TOLEDO, OHIO 43602<br>PHONE: (419) 698-7016          | <b>COLUMBIA GAS OF OHIO, INC.</b><br>333 SOUTH ERIE STREET<br>TOLEDO, OHIO 43602<br>PHONE: (419) 248-5024 | <b>BUCKEYE PIPELINE CO.</b><br>3271 YORK STREET, P.O. BOX 167567<br>TOLEDO, OHIO 43616<br>PHONE: (419) 698-8189 |
| <b>AGRI-CO, INC.</b><br>TOLDO, OH 43624<br>PHONE: (419) 245-7301                                 | <b>TOLEDO EDISON COMPANY</b><br>302 EDISON PLAZA<br>TOLEDO, OHIO 43362<br>PHONE: (419) 249-3273           | <b>SUN PIPELINE CO.</b><br>1617 PENN CENTER<br>PHILADELPHIA, PA 19103 - 1899<br>PHONE: (215) 977-3418           |
| <b>BE OIL TOLEDO REFINERY</b><br>12716 TANK FARM RD.<br>CUYOH, OH 43413<br>PHONE: (419) 653-2866 | <b>BUCKEYE CABLE SYSTEM</b><br>4818 ANGOLA RD.<br>TOLEDO, OH 43615-6411<br>PHONE: (419) 388-9051          |   |

**RESTORATION OF RIGHT-OF-WAY**  
ALL EXISTING FEATURES IN THE RIGHT-OF-WAY AND EASEMENT THAT ARE DISTURBED DUE TO CONSTRUCTION SUCH AS PAVEMENT, MAILBOXES, SHRUBS, BUSHES, SMALES, DRIVEWAYS, BERMS, SEEDED AREAS, ETC., SHALL BE RESTORED TO THEIR ORIGINAL CONDITION IN ACCORDANCE WITH ANY APPLICABLE ODOT AND CITY OF OREGON SPECIFICATIONS AND TO THE SATISFACTION OF THE CITY OF OREGON. ALL YARDS, BERMS AND/OR SIDE DITCHES DISTURBED DURING CONSTRUCTION SHALL BE FINE GRADED TO THEIR ORIGINAL SLOPES OR PLAN GRADE. ANY DEBRIS REMOVED AND SEEDING SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS AND THEN EVENLY SOWN OVER THE PREPARED AREA AT THE RATE OF NOT LESS THAN FOUR (4) POUNDS PER 1,000 SQUARE FEET. AN APPLICATION OF AN APPROVED COMMERCIAL FERTILIZER SHALL BE APPLIED AT THE RATE OF 20 POUNDS PER 1,000 SQUARE FEET.  
40% KENTUCKY BLUE GRASS  
55% CREEPING RED FESCUE  
5% RED TOP  
1% MAXIMUM WEED CONTENT

EXCELSTOR MATTING SHALL BE USED ON SLOPES WHICH ARE GREATER THAN 3:1 OR AS DIRECTED BY THE ENGINEER.  
DISTURBED AREAS, UNLESS OTHERWISE SPECIFIED, SHALL BE PREPARED, SEEDING, FERTILIZED AND MULCHED ACCORDING TO ODOT AND CITY OF OREGON SPECIFICATIONS.

REPLACE EXISTING PAVEMENTS, DRIVEWAYS, PARKING AREAS, CURBS, GUTTERS, BERM STONE, SIDEWALKS, WATER LINES, GAS LINES, SEWERS, CATCH BASINS, HEADWALLS, DRAINS, FIELD TILE, CONDUIT PIPES, CABLES, FENCES, GRASSSED AREAS, AND OTHER EXISTING FACILITIES REMOVED OR OTHERWISE DISTURBED IN CARRYING OUT THE WORK IN AS GOOD A CONDITION AS FOUND AND TO THE APPROVAL OF OWNER. REPLACE EXISTING DRIVES AND PAVEMENT AS PER CITY OF OREGON DETAILS.  
EXISTING MAIL BOXES AND TRAFFIC SIGNS IN THE LINE OF CONSTRUCTION SHALL BE REMOVED AND ERECTED IN TEMPORARY LOCATIONS IN A MANNER SATISFACTORY TO OWNER AND AFTER COMPLETION OF CONSTRUCTION, MOVED TO AND RE-ERECTED IN THEIR ORIGINAL LOCATIONS.  
EXISTING FENCES, DECORATIVE WALLS, ADVERTISING SIGNS, AND OTHER SUCH EXISTING FEATURES IN THE LINE OF CONSTRUCTION SHALL BE REMOVED, STORED, PROTECTED, AND RE-ERECTED IN THEIR ORIGINAL LOCATIONS UNLESS OTHERWISE DIRECTED BY OWNER.

ALL MATERIALS BROKEN OR DISTURBED TO SUCH AN EXTENT AS TO REQUIRE REPLACEMENT SHALL BE REPLACED WITH NEW MATERIAL AT THE EXPENSE OF CONTRACTOR.  
EXCEPTION TO THE ABOVE SHALL BE MADE IN THE CASE OF WORK AND MATERIALS FOR WHICH PAYMENT WILL BE MADE UNDER SECTIONS SUBSEQUENTLY SPECIFIED AND AT THE APPROPRIATE UNIT PRICES INCLUDED IN THE CONTRACT.  
WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF THESE CONTRACT DOCUMENTS AND WHERE NOT INCLUDED HEREIN, THE REQUIREMENTS OF APPLICABLE ODOT ITEMS AS APPROVED BY ENGINEER.

IN ANY EVENT CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE TO PUBLIC OR PRIVATE PROPERTY CAUSED BY MOVEMENT OF EQUIPMENT OR BY OTHER OPERATIONS AND SHALL REPAIR OR REPLACE, TO THE CONDITION EXISTENT PRIOR TO THE WORK, ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY HIS OPERATIONS.  
PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE PRICE BID FOR THE PERTINENT ITEM 603. ALL RESTORATION OF RIGHT-OF-WAY AND EASEMENT MUST BE APPROVED BY THE CITY PRIOR TO FINAL PAYMENT FOR THIS WORK.

**INCIDENTALS**

PRICE BID FOR THE PERTINENT CONDUIT ITEMS SHALL INCLUDE ALL WORKS AND MATERIALS NOT INCLUDED IN THE QUANTITIES BUT NECESSARY TO COMPLETE THE PROJECT IN A WORKMANLIKE MANNER INCLUDING, BUT NOT LIMITED TO, BACKFILL AND BEDDING MATERIAL, PAVEMENT REPLACEMENT, ETC.

**EROSION CONTROL GENERAL NOTES**

1. THE EROSION CONTROL MEASURES DESCRIBED HEREIN ARE TYPICAL. THE CONTRACTOR SHALL USE THIS PLAN AS A GUIDE TO CONTROL EROSION. IN THE EVENT OF ADVERSE WEATHER CONDITIONS, ETC., ADDITIONAL MEASURES SHOULD BE TAKEN TO ESTABLISH AND MAINTAIN PROTECTIVE VEGETATION.
2. CONTINUOUS MAINTENANCE WILL BE REQUIRED AS NECESSARY UNTIL PERMANENT, STABLE VEGETATIVE COVER HAS BEEN ESTABLISHED AND EROSION HAS BEEN CONTROLLED. THIS INCLUDES BUT IS NOT LIMITED TO RESEEDING, MULCHING, EARTH FILLING, ETC.
3. DISTURBED AREAS SHALL BE KEPT TO A MINIMUM WITH RESPECT TO AREAS EXPOSED AND TIME OF EXPOSURE. ALL TOPSOIL SHALL BE STOCKPILED. ALL AREAS TO BE DISTURBED FOR OVER TWO WEEKS (INCLUDING STOCKPILED TOPSOIL) SHALL BE SEEDING WITH PERENNIAL REGRESS OR EQUAL.
4. TEMPORARY EROSION CONTROL SHALL CONFORM TO ODOT ITEM 207, TEMPORARY SOIL EROSION AND SEDIMENT CONTROL AS TYPED ON THE PLAN. ALL EROSION AND SEDIMENT CONTROL PRACTICES MUST MEET THE STANDARDS & SPECIFICATIONS OF THE OHIO RAINWATER AND LAND DEVELOPMENT HANDBOOK.
5. THE ESTABLISHMENT OF PERMANENT GROUND COVER SHALL CONFORM TO ODOT ITEM 659, SEEDING AND MULCHING.
6. IF SMALL RILLS OR GULLIES DEVELOP, TEMPORARY DIMENSIONS OF EARTH FILL OR STRAW BALES SHOULD BE INSTALLED UNTIL SATISFACTORY SEEDING IS ESTABLISHED.
7. TO ASSIST IN EROSION CONTROL, ALL TREES AND VEGETATION OUTSIDE OF GRADED AREAS SHALL REMAIN.
8. TEMPORARY STRAW BALE SEDIMENT CONTROL DIKES MAY BE USED, AS NECESSARY. SILT FENCE FABRIC SHALL BE EXXON G1F-100S OR APPROVED EQUAL.
9. ADJACENT ROADS SHALL BE KEPT FREE OF DIRT AND DEBRIS AT ALL TIMES.
10. ALL EROSION CONTROL PRACTICES MUST MEET THE STANDARDS AND SPECIFICATIONS OF THE OHIO RAINWATER AND LAND DEVELOPMENT MANUAL.
11. EROSION CONTROL BLANKETS WITH MATTING WILL BE USED ON DITCHES GREATER THAN 1.5% AND ALL OTHER SLOPES GREATER THAN 6% GRADE.
12. OTHER EROSION CONTROL ITEMS MAY BE NECESSARY DUE TO ENVIRONMENTAL CONDITIONS.
13. REGULAR INSPECTION AND MAINTENANCE WILL BE PROVIDED FOR ALL EROSION CONTROL PRACTICES. PERMANENT RECORDS OF MAINTENANCE AND INSPECTIONS MUST BE MAINTAINED THROUGHOUT CONSTRUCTION. INSPECTIONS MUST BE MADE A MINIMUM OF ONCE EVERY 7 DAYS AND IMMEDIATELY AFTER STORM EVENTS GREATER THAN 0.5 INCHES IN A 24 HOUR PERIOD. PROVIDE NAME OF INSPECTOR, MAJOR OBSERVATIONS, DATE OF INSPECTION, CERTIFICATION OF COMPLIANCE AND CORRECTIVE MEASURES TAKEN.
14. NO SOLID OR LIQUID WASTE SHALL BE DISCHARGED INTO STORM WATER RUNOFF.
15. SEDIMENT PONDS/TRAPS AND PERIMETER CONTROLS SHALL BE IMPLEMENTED AS A FIRST STEP OF GRADING AND WITHIN 7 DAYS OF GRUBBING AND SHALL CONTINUE TO FUNCTION UNTIL UPLAND AREAS ARE STABILIZED.
16. OFF-SITE VEHICLE TRACKING OF SEDIMENT SHALL BE MINIMIZED.