

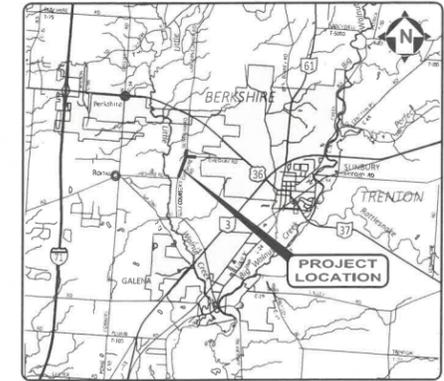


CITY OF SUNBURY

LITTLE WALNUT CREEK INTERCEPTOR SEWER - PHASE 2A

CITY OF SUNBURY, DELAWARE COUNTY, OHIO

2026



LOCATION MAP
NTS

PROJECT:

CITY OF SUNBURY - LITTLE WALNUT INTERCEPTOR SEWER - PHASE 2A
EARTH DISTURBED AREA (EDA): 0.84 AC

PROJECT DESCRIPTION:

THIS PROJECT CONSISTS OF THE CONSTRUCTION OF APPROXIMATELY 562 LF OF SANITARY SEWER AND THREE RESIDENTIAL SERVICE LATERALS FROM THE END OF PHASE 1 OF THE LITTLE WALNUT CREEK INTERCEPTOR SEWER AT THE INTERSECTION OF GOLF COURSE RD AND CHESHIRE RD TO MANHOLE NO. 4. A PORTION OF THIS PROJECT IS LOCATED WITHIN THE CITY OF SUNBURY, WHILE ANOTHER PORTION FALLS WITHIN BERKSHIRE TOWNSHIP, DELAWARE COUNTY. THE SANITARY SEWER SYSTEM ASSOCIATED WITH THIS PROJECT WILL BE OWNED AND OPERATED BY THE CITY OF SUNBURY.

BASIS OF BEARINGS:

THE BEARINGS SHOWN HEREON ARE BASED ON GRID NORTH (N0°00'00"E) FROM GPS OBSERVATIONS UTILIZING THE OHIO STATE PLANE NORTH AMERICAN DATUM 1983 (NORTH ZONE, 2011 ADJ.) COORDINATE SYSTEM.

FLOOD DESIGNATION:

SUBJECT PROPERTY LIES WITHIN ZONE "X", AN AREA OF MINIMAL FLOOD HAZARD, USUALLY DEPICTED ON FIRMS AS OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN. FIRM PANEL 0257K, APRIL 16, 2009.

SPECIFICATIONS:

THE CITY OF SUNBURY ORDINANCES, REGULATIONS AND THE PLANS AND SPECIFICATIONS WHICH ARE PART OF THIS PROJECT, TOGETHER WITH THE REGULATIONS & CONSTRUCTION DRAWINGS OF DELAWARE COUNTY, INCLUDING ALL SUPPLEMENTS THERETO, 2023 ODOT EDITION, AND THE REGULATIONS & CONSTRUCTION STANDARDS OF THE OHIO DEPARTMENT OF TRANSPORTATION (CURRENT EDITION), INCLUDING ALL SUPPLEMENTS THERETO, SHALL GOVERN ALL CONSTRUCTION ITEMS THAT ARE A PART OF THIS PLAN UNLESS OTHERWISE NOTED.

DELAWARE COUNTY APPROVAL:

DELAWARE COUNTY ENGINEER'S SIGNATURE ON THIS PLAN SIGNIFIES ONLY CONCURRENCE WITH THE GENERAL PURPOSE AND LOCATION OF THE PROPOSED IMPROVEMENTS. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE PROFESSIONAL ENGINEER WHO PREPARED AND CERTIFIED THESE PLANS.

Chris Bauserman 2-10-26
DELAWARE COUNTY ENGINEER DATE

CITY OF SUNBURY APPROVAL:

THE CITY OF SUNBURY ENGINEER'S SIGNATURE ON THIS PLAN SIGNIFIES ONLY CONCURRENCE WITH THE GENERAL PURPOSE AND LOCATION OF THE PROPOSED IMPROVEMENTS. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE PROFESSIONAL ENGINEER WHO PREPARED AND CERTIFIED THESE PLANS.

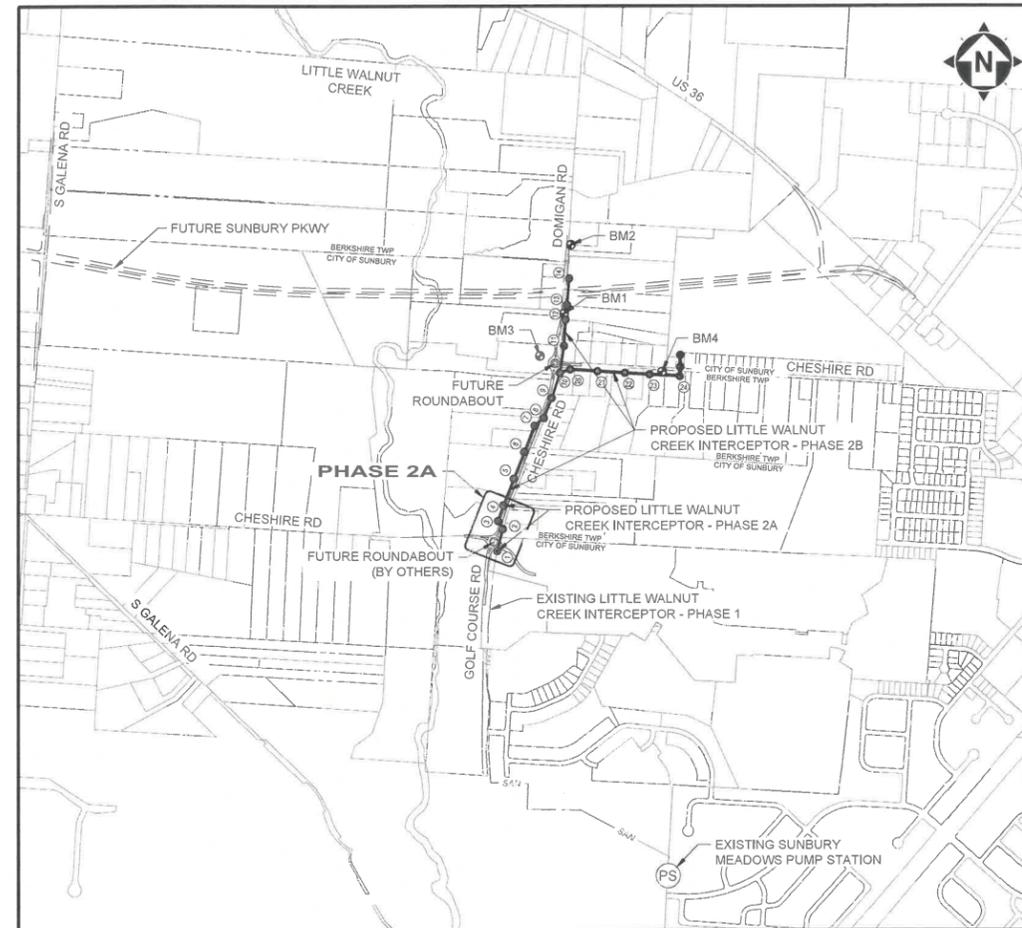
CITY ENGINEER, CITY OF SUNBURY DATE

CITY MANAGER, CITY OF SUNBURY DATE

DESIGN ENGINEER:

THIS IS TO CERTIFY THAT GOOD ENGINEERING PRACTICES HAVE BEEN UTILIZED IN THE DESIGN OF THIS PROJECT AND THAT ALL MINIMUM STANDARDS FOR DELAWARE COUNTY, INCLUDING THOSE STANDARDS GREATER THAN MINIMUM WHERE, IN OUR OPINION, THEY ARE NEEDED TO PROTECT THE SAFETY OF THE PUBLIC. ANY VARIANCES TO THE ABOVE STANDARDS ARE CONSISTENT WITH SOUND ENGINEERING PRACTICES AND ARE NOT DETRIMENTAL TO THE PUBLIC SAFETY AND CONVENIENCE.

Eric J. Troyer 2-4-26
ERIC TROYER, P.E. NO. E-53926 DATE



INDEX MAP



STANDARD CONSTRUCTION DRAWINGS

THE CURRENT STANDARD CONSTRUCTION DRAWINGS FOR EACH MUNICIPALITY OR AGENCY LISTED BELOW SHALL BE CONSIDERED AS PART OF THIS SET THEREOF.

ODOT	DELAWARE COUNTY
MT-97.10	DCED-R2160
MT-100.60	DCRSD-Sa.S-1
MT-105.10	DCRSD-Sa.S-2
TC-41.20	DCRSD-Sa.S-3
TC-41.30	DCRSD-Sa.S-4
TC-42.20	DCRSD-Sa.S-5
	DCRSD-Sa.S-6
	DCRSD-Sa.S-7
	DCRSD-Sa.S-8
	DCRSD-Sa.S-9
	DCRSD-Sa.S-11
	DCRSD-Sa.S-15
	DCRSD-Sa.S-20
	DCRSD-Sa.S-33

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ENGINEER

VERDANTAS
6397 EMERALD PKWY, SUITE 200
DUBLIN, OHIO 43016
OFFICE: 614-885-1700
CONTACT: ERIC TROYER, P.E.
EMAIL: ERIC.TROYER@VERDANTAS.COM

OWNER

CITY OF SUNBURY
9 E GRANVILLE STREET
SUNBURY, OH 43074
PHONE: 740-965-2884
CONTACT: CARLA ODEBRALSKI
CITY ENGINEER
EMAIL: CODEBRALSKI@SUNBURYOHIO.ORG

BENCHMARKS (NAVD 1988)		
NO.	DESCRIPTION	ELEV
BM1	POINT NO. 10: NORTHWEST CORNER OF EXISTING CULVERT HEADWALL ON EAST SIDE OF DOMIGAN ROAD, STA. 105+52.73, 12.58' RT NORTHING: 213726.39387 EASTING: 1859797.58588	919.890
BM2	POINT NO. 11: IRON PIN WITH WHITE CAP LABELED "STULTZ AND ASC." FOUND AT EDGE OF ROCKS ON EAST SIDE OF DOMIGAN ROAD, UPSTREAM FROM 24 INCH CMP CULVERT, STA. 113+03.45, 31.61' RT. NORTHING: 214473.56224 EASTING: 1859869.59137	920.061
BM3	POINT NO. 12: IRON PIN SET IN CENTERLINE OF CREEK, 230 FT WEST OF EX. INTERSECTION OF CHESHIRE RD AND DOMIGAN RD., STA. 100+21.08, 197.77' LT NORTHING: 213265.95655 EASTING: 1859531.09745	911.266
BM4	POINT NO. 300: RAILROAD SPIKE FOUND IN FACE OF POWER POLE ON SOUTH SIDE OF CHESHIRE ROAD, 1130 FT EAST OF EX. INTERSECTION OF CHESHIRE RD AND DOMIGAN RD. NORTHING: 213091.19464 EASTING: 1860869.71970	935.283
BM5	POINT NO. 98: MAG NAIL SET IN POWER POLE No. 62788 ON THE EAST SIDE OF CHESHIRE ROAD AND NORTH OF THE INTERSECTION OF CHESHIRE ROAD AND GOLF COURSE ROAD NORTHING: 210958.3657 EASTING: 1859043.1756	916.550
BM6	POINT NO. 99: TOP OF (N) BOLT CAP OF STREET LIGHT POLE AT THE SOUTHEAST CORNER OF THE INTERSECTION OF GOLF COURSE ROAD AND MILLSTONE ROAD NORTHING: 211374.3938 EASTING: 1859111.3320	912.320

SOURCE OF TOPOGRAPHY: TOPOGRAPHIC SURVEY WAS PERFORMED BY VERDANTAS, APRIL 2024 AND JULY 2025, FOR CITY OF SUNBURY, DELAWARE COUNTY, OHIO.

UTILITY COMPANIES

NOTE: UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED ON FIELD MARKINGS (BY OTHERS) AND AVAILABLE RECORDS, AND AS SUCH, SHOULD BE FIELD VERIFIED PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY - CALL BEFORE YOU DIG!

SEWERS:	SEWERS:	COUNTY:
SANITARY SEWER CITY OF SUNBURY ATTN: DALE WAMPLER 127 MIDDLEVIEW DR SUNBURY, OHIO 43074 (740) 965-5380 DWAMPLER@SUNBURYVILLAGE.COM CODEBRALSKI@SUNBURYOHIO.ORG	DELAWARE COUNTY REGIONAL SEWER DISTRICT 1610 STATE ROUTE 521 DELAWARE, OHIO 43015 ATTN: KELLY THIEL, P.E. (740) 833-2245 KTHIEL@CO.DELAWARE.OH.US.	DELAWARE COUNTY ENGINEER ATTN: CHRIS BAUSERMAN 1610 STATE ROUTE 521 DELAWARE, OHIO 43015 (740) 833-2400 CBAUSERMAN@CO.DELAWARE.OH.US
ELECTRIC:	GAS:	FUEL:
AMERICAN ELECTRIC POWER ATTN: BRENT GATES 700 MORRISON ROAD GAHANNA, OHIO 43230 (614) 883-6802 BMGATES@AEP.COM JGEARY@TRCCOMPANIES.COM	COLUMBIA GAS OF OHIO ATTN: ROB CALDWELL 3350 JOHNNY APPLESEED CT. COLUMBUS, OHIO 43231 (614) 818-2104 RCALDWELL@NISOURCE.COM	MARATHON/ASHLAND MARATHON PIPELINE, LLC 539 SOUTH MAIN STREET FINDLAY, OHIO 45840 (419) 422-2121, (740) 258-4911 RCALDWELL@NISOURCE.COM MJPRESTON@MARATHONPETROLEUM.COM
COMMUNICATION:	COMMUNICATION:	COMMUNICATION:
CHARTER COMMUNICATIONS 3760 INTERCHANGE RD COLUMBUS, OHIO 43204 (614) 481-8111 ATTN: JOSHUA HITE JOSHUA.HITE@CHARTER.COM	LUMEN (CENTURYLINK) 250 W. OLD WILSON BRIDGE, SUITE 130 WORTHINGTON, OHIO RELOCATIONS@LUMEN.COM RELOCATIONS@CENTURYLINK.COM	BRIGHTSPEED ATTN: XUN RYPKEMA (303) 525-2994 XANRYPKEMA@BRIGHTSPEED.COM RELOCATIONS@BRIGHTSPEED.COM
TELEPHONE:	WATER:	
AT&T ATTN: MIKE LEPLEY 111 NORTH 4TH STREET COLUMBUS, OHIO 43215 (614) 208-1907 TL9569@ATT.COM	DEL-CO WATER COMPANY 6658 OLENTANGY RIVER RD. DELAWARE, OHIO 43015 ATTN: DAVE WOLFE (740) 548-7746 EXT. 2403 DWOLFE@DELCOWATER.COM	

BID SET



NO.	DATE	REVISION

**LITTLE WALNUT CREEK
INTERCEPTOR SEWER - PHASE 2A
CITY OF SUNBURY, DELAWARE COUNTY, OHIO**

COVER SHEET

PROJECT NO.	22000715
DISCIPLINE	CIVIL
SHEET NAME	COVR-SHT
SHEET	1
OF	15

GENERAL NOTES:

- THE OWNERSHIP/JURISDICTION OF THIS PROJECT BELONGS TO THE CITY OF SUNBURY. A PRE-CONSTRUCTION MEETING SHALL BE HELD AT THE CITY OF SUNBURY ADMINISTRATION BUILDING (9 E GRANVILLE ST) AT LEAST 15 CALENDAR DAYS BEFORE THE START OF CONSTRUCTION. REPRESENTATIVES OF THE OWNER (CITY OF SUNBURY), DESIGN ENGINEER, DELAWARE COUNTY ENGINEER'S OFFICE, AND THE CONTRACTOR SHALL BE IN ATTENDANCE. A SCHEDULE OF THE SEQUENCE OF EVENTS DURING CONSTRUCTION MUST BE SUBMITTED FOR REVIEW AT LEAST (7) SEVEN DAYS PRIOR TO THIS MEETING.
- THE CITY OF SUNBURY ORDINANCES, REGULATIONS AND THE PLANS AND SPECIFICATIONS WHICH ARE PART OF THIS PROJECT, TOGETHER WITH THE REGULATIONS & CONSTRUCTION DRAWINGS OF DELAWARE COUNTY, INCLUDING ALL SUPPLEMENTS THERETO, 2023 ODOT EDITION, AND THE REGULATIONS & CONSTRUCTION STANDARDS OF THE OHIO DEPARTMENT OF TRANSPORTATION (CURRENT EDITION), INCLUDING ALL SUPPLEMENTS THERETO, SHALL GOVERN ALL CONSTRUCTION ITEMS THAT ARE A PART OF THIS PLAN UNLESS OTHERWISE NOTED.
- ALL WORK SHALL BE COMPLETELY ACCEPTABLE TO THE CITY OF SUNBURY OFFICIALS. NO WORK SHALL COMMENCE UNTIL ARRANGEMENTS HAVE BEEN MADE WITH THE CITY OF SUNBURY ENGINEER FOR INSPECTION.
- THE CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO THE CITY OF SUNBURY ENGINEER AT LEAST (7) SEVEN WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE A VIDEO RECORD OF THE SITE TO THE CITY ENGINEER PRIOR TO THE START OF CONSTRUCTION. EMPHASIS OF THE VIDEO SHOULD BE ON EXISTING DEVELOPED AREAS CONTIGUOUS WITH THE PROJECT WORK AREAS.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AN UP-TO-DATE COPY OF THE APPROVED PLANS INCLUDING ALL CHANGE ORDERS AND AS-BUILT CONDITIONS FOR ACCEPTANCE OF WORK. THE CITY REQUIRES A COMPLETE SET OF AS-BUILTS AT THE COMPLETION OF THE PROJECT, PRIOR TO FINAL PAYMENT.
- THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS (EXCEPT FOR PTI) AND GOVERNMENT FEES, LICENSES, AND INSPECTIONS FOR THE PROPER EXECUTION OF THE IMPROVEMENTS SHOWN ON THE PLANS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE AND VERIFY THE EXTENT OF WORK TO BE PERFORMED PRIOR TO MAKING THEIR BID. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, ANY REMOVAL ITEMS NECESSARY TO COMPLETE THE PROPOSED SEWER IMPROVEMENTS WHETHER IDENTIFIED EXPLICITLY ON THE PLANS OR WITHIN THE PROJECT WORK LIMITS.
- THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL ALSO ABIDE BY ALL ORDINANCES OF THE CITY OF SUNBURY AND ALL REQUIREMENTS OF THIS PROJECT.
- NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR BY REASON OF COMPLIANCE WITH ANY OF THE REQUIREMENTS INDICATED IN THE PLANS AND SPECIFICATIONS, BUT PAYMENT SHALL BE DEEMED TO BE INCLUDED AMONG THE SEVERAL ITEMS, AS BID UPON, UNLESS OTHERWISE SPECIFICALLY PROVIDED.
- ALL ITEMS CALLED FOR ON THE PLANS FOR WHICH NO SPECIFIC METHOD OF PAYMENT IS PROVIDED SHALL BE PERFORMED BY THE CONTRACTOR AND THE COST OF SAME AND SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS ITEMS.
- INGRESS AND EGRESS SHALL BE MAINTAINED TO PUBLIC AND PRIVATE PROPERTY.
- THE CONTRACTOR SHALL REPAIR OR REPLACE ANY AND ALL EXISTING WORK DAMAGED DURING OR DUE TO THE EXECUTION OF THIS CONTRACT AT THEIR OWN EXPENSE. SAID WORK TO BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE CITY OF SUNBURY.
- CARE SHALL BE EXERCISED WHEN WORKING THE AREA AROUND EXISTING TREES AND SHRUBS. TREES MAY BE REMOVED WITHIN THE PERMANENT AND TEMPORARY EASEMENTS ONLY WITH OWNER APPROVAL. EFFORTS SHALL BE MADE TO PRESERVE TREES 24-INCHES CALIPER OR LARGER. NO TREES SHALL BE DAMAGED OR DISTURBED OUTSIDE OF THE EASEMENTS OR WHERE MARKED ON THE PLANS AS "DO NOT DISTURB".
- ALL EARTHWORK OPERATIONS, INCLUDING BUT NOT LIMITED TO PAVEMENT SUBGRADE CONSTRUCTION, SHALL BE INSPECTED BY A REGISTERED SOILS ENGINEER. ADDITIONALLY ALL FINAL GRADES SHALL BE FIELD CHECKED BY THE CITY OF SUNBURY UPON COMPLETION OF THE CONTRACTOR'S OPERATIONS TO DETERMINE IF THE SITE HAS BEEN CONSTRUCTED TO THE GRADES INDICATED.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PROVISION AND MAINTENANCE OF A PORTABLE TOILET ON THE SITE DURING ALL PHASES OF CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL COMPACTION AS WELL AS ASPHALT AND CONCRETE TESTING. TESTING IS TO BE PERFORMED BY A REGISTERED CONTRACTOR AS SPECIFIED BY THE CITY OF SUNBURY.
- NO CONSTRUCTION TRAFFIC IS PERMITTED ON STREETS ACCESSING NEIGHBORHOOD SUBDIVISIONS. NO TRACKED EQUIPMENT IS PERMITTED ON EXISTING STREET PAVEMENT.
- THE CONTRACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR COMPLYING WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL OTHER FEDERAL, STATE, AND LOCAL SAFETY REQUIREMENTS, TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. THE CONTRACTOR AND SUBCONTRACTORS SHALL INITIATE, MAINTAIN, AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS, AND PROGRAMS ASSOCIATED WITH THIS WORK.
- OPEN EXCAVATIONS: ALL EXCAVATIONS SHALL BE MAINTAINED AS SAFE AS POSSIBLE BY THE CONTRACTOR AT ALL TIMES AND BACKFILLED AS SOON AS PRACTICAL. OPEN EXCAVATIONS AFTER WORK HOURS REQUIRE TRAFFIC PLATES, TEMPORARY PAVEMENT, AND/OR LIGHTED BARRICADES AND CONSTRUCTION FENCE.
- THE CONTRACTOR SHALL PROVIDE THE CITY OF SUNBURY ENGINEER WITH A 24 HOUR TELEPHONE NUMBER TO READILY CONTACT A RESPONSIBLE PARTY IN THE CASE OF AN EMERGENCY. THE COST AND/OR DAMAGES INCURRED RELATED TO WORK PERFORMED BY THE CONTRACTOR IN SUCH EMERGENCIES ARE THE CONTRACTORS RESPONSIBILITY AND NOT THE AFFECTED ENTITY.
- NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR BY REASON OF COMPLIANCE WITH ANY OF THE REQUIREMENTS INDICATED IN THE PLANS AND SPECIFICATIONS, BUT PAYMENT SHALL BE DEEMED TO BE INCLUDED AMONG THE SEVERAL ITEMS, AS BID UPON, UNLESS OTHERWISE SPECIFICALLY PROVIDED.
- IN ADDITION TO THE DIRECT REQUIREMENTS OF THE CONTRACT SPECIFICATIONS, THE CONTRACTOR SHALL OBSERVE AND CONFORM TO THE SPECIFIC REQUIREMENTS OF ALL RIGHT-OF-WAYS INCLUDING EASEMENTS, COURT ENTRIES, RIGHTS OF ENTRY, OR ACTION FILED IN COURT IN ACCORDANCE WITH THE CODE OF THE APPLICABLE GOVERNING AGENCY. THE COST OF OPERATIONS NECESSARY TO FULFILL SUCH REQUIREMENTS SHALL BE INCLUDED IN THE TOTAL CONTRACT PRICE BID.
- ALL CONSTRUCTION STAKING SHALL BE PROVIDED BY THE CONTRACTOR *UNDER THE SUPERVISION OF A REGISTERED PROFESSIONAL SURVEYOR*. THIS WILL CONSIST OF ALIGNMENT AND GRADE STAKES SET AND MARKED IN THE FIELD. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY REPLACEMENT STAKES NECESSARY, REMOVED OR DESTROYED BY THEIR PERSONNEL OR EQUIPMENT.
- THE CONTRACTOR ACKNOWLEDGES THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS PROVIDED BY VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR IS SOLELY RESPONSIBLE AND LIABLE TO VERIFY AND LOCATE ALL SHOWN AND UNIDENTIFIED UTILITIES PRIOR TO COMMENCEMENT OF ANY WORK.
- AT ALL UTILITY CROSSINGS, THE BACKFILL SHALL CONSIST OF COMPACTED GRANULAR MATERIAL BETWEEN THE DEEPER AND SHALLOWER PIPE UNLESS CONTROLLED DENSITY FILL OR CONCRETE IS SPECIFIED OTHERWISE IN THE DRAWINGS.

- BACKFILL: EARTH WILL NOT BE MOUNDED OVER THE TRENCH IN ANTICIPATION OF SETTLEMENT. THE CONTRACTOR SHALL COMPACT THE TRENCH AND ESTABLISH THE ORIGINAL DITCH GRADE AS WORK PROGRESSES. DRAINAGE MUST BE RESTORED AS QUICKLY AS PRACTICAL. IF EROSION OF THE DITCH LINE CAUSES SILTING OF EXISTING DRAINAGE LINES, THE CONTRACTOR SHALL CLEAN AS NECESSARY. BACKFILL AND CLEANUP OPERATIONS SHALL BE KEPT WITHIN 300 FEET OF PIPE LAYING OPERATIONS DAILY. CARE SHALL BE TAKEN TO INSURE THAT NO DITCH LINE ELEVATIONS ARE RAISED DUE TO EXCESS BACKFILL. COMPACTION IS TO BE CARRIED OUT WITH THE NECESSARY EQUIPMENT TO ACHIEVE THE COMPACTION REQUIREMENT OF ODOT CMS ITEM 304.05. THE CONTRACTOR SHALL MAINTAIN DRIVEWAYS ACCESSIBLE AT ALL TIMES BY USING PLATES OR COMPACTED GRANULAR FILL.
- ROAD MAINTENANCE AREA: UNLESS PREEXISTING BEFORE CONSTRUCTION OPERATIONS, THE SURFACE WITHIN A MINIMUM OF 5 FEET FROM THE EDGE OF PAVEMENT SHALL BE MAINTAINED OBSTACLE FREE, BY THE CONTRACTOR, FOR POSITIVE DRAINAGE AND/OR SNOW PLOW/MAINTENANCE OF ROAD PAVEMENT.
- DISTURBANCE TO THIS SITE IS COVERED BY OEPA GENERAL PERMIT OHC000006 AND THE NPDES PERMIT. THE CONTRACTOR SHALL COMPLY WITH ALL PROVISIONS OF THIS PERMIT.

PRESERVATION AND RESTORATION NOTES:

- ALL DRAIN TILE, FIELD TILE, AND STORM SEWERS DAMAGED, DISTURBED, OR REMOVED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED WITH THE SAME QUALITY OR BETTER, MAINTAINING THE SAME GRADIENT AS EXISTING. REPLACED DRAIN TILE SHALL BE LAID PER THE STORM SEWER DETAIL. COST TO BE INCLUDED IN THE PRICE BID FOR THE VARIOUS UNIT PRICE BID ITEMS. ALL NECESSARY REPLACEMENT OF EXISTING PIPES IS TO BE PERFORMED AS SOON AS POSSIBLE, PRIOR TO BACKFILLING THE TRENCH.
- CULVERTS, END SECTIONS, AND HEADWALLS DISTURBED OR DESTROYED DURING THE PERFORMANCE OF THE WORK SHALL BE RESTORED BY THE CONTRACTOR TO THE LOCATIONS AND GRADES EXISTING PRIOR TO CONSTRUCTION. THE COST OF THIS RESTORATION SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE RELEVANT ITEMS OF THE WORK.
- THE CONTRACTOR SHALL PRESERVE BENCHMARKS, PROPERTY CORNERS, AND REFERENCE POINTS AND IN CASE OF WILLFUL OR CARELESS DESTRUCTION, THEY SHALL BE RESPONSIBLE FOR ANY MISTAKES THAT MAY BE CAUSED BY UNNECESSARY LOSS OR DISTURBANCE. THE CONTRACTOR SHALL ALSO RESTORE ALL DISTURBED AREAS, FENCES, AND DITCHES TO THEIR ORIGINAL CONDITION.
- ANY PROPERTY CORNERS, PERMANENT SURVEY MARKERS, OR MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE REESTABLISHED BY THE CONTRACTOR USING A SURVEYOR REGISTERED BY THE OHIO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND SURVEYORS. THE CONTRACTOR SHALL COORDINATE THIS WORK WITH THROUGH DELAWARE COUNTY ENGINEER'S OFFICE. COST SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS UNIT PRICE BID ITEMS.
- ALL SIGNS, FENCES, SHRUBS, DRAINAGE STRUCTURES, OR OTHER PHYSICAL FEATURES DISTURBED OR DAMAGED DURING THE WORK UNDER THIS CONTRACT SHALL BE RESTORED TO THEIR ORIGINAL CONDITION BY THE CONTRACTOR, OR REPLACED IN LIKE KIND AND QUALITY UNLESS OTHERWISE NOTED ON THE PLANS. EXISTING GRATES SHALL BE SALVAGED AND EXISTING CATCH BASINS OR INLETS SHALL BE REBUILT IN KIND MATERIAL. ALL EXISTING DRAINAGE DITCHES SHALL BE RESTORED TO EXISTING CONDITIONS AND GRADE. IF GUARDRAIL IS DISTURBED, THE CONTRACTOR SHALL PROVIDE NEW POSTS IN ACCORDANCE WITH THE CURRENT ODOT CMS ITEM 806.02, UNLESS OTHERWISE PROVIDED IN THE CONTRACT. THE COST OF ALL SUCH WORK SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS UNIT PRICE BID ITEMS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING MAIL SERVICE IN THE CONSTRUCTION AREA. PRIOR TO DISTURBING ANY MAILBOXES, THE CONTRACTOR SHALL CONTACT THE POSTAL AUTHORITIES AND SHALL TEMPORARILY RELOCATE MAILBOXES WITH THE REQUIREMENTS THEREOF. THE CONTRACTOR SHALL RESTORE MAILBOXES TO THEIR ORIGINAL CONDITION AND LOCATION SUBSEQUENT TO CONSTRUCTION. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS UNIT PRICE BID ITEMS.
- THE CONTRACTOR SHALL RESTRICT CONSTRUCTION ACTIVITY TO PUBLIC RIGHT-OF-WAY AND THOSE AREAS DEFINED AS TEMPORARY CONSTRUCTION EASEMENTS, PERMANENT UTILITY EASEMENTS, AND ACCESS EASEMENTS, PER WORK AGREEMENT. FOLLOWING THE CONSTRUCTION ACTIVITIES IMPACTING ANY OF THE R/W, THE R/W SHALL BE RESTORED BACK TO MATCH THE ORIGINAL CONDITION.
- THE LENGTH OF THE TRENCH OPENED, OR THE AREA OF THE SURFACE DISTURBED AT ANY TIME SHALL BE LIMITED WITH REGARD TO BOTH EXPEDITIOUS CONSTRUCTION AND CONVENIENCE OF THE PUBLIC. NEW TRENCHES SHALL NOT BE OPENED WHEN OPEN TRENCHES NEED BACKFILLING OR WHEN LABOR IS NEEDED TO RESTORE THE SURFACE OF THE STREETS TO A SAFE AND PROPER CONDITION. IN NO CASE SHALL MORE THAN 50 FEET OF TRENCH BE OPENED IN ADVANCE OF THE COMPLETED WORK. IF ATTRIBUTABLE TO THE CONTRACTOR AND THE TRENCH WILL REMAIN OPEN FOR AN UNREASONABLE LENGTH OF TIME IN ADVANCE OF INSTALLING THE PIPE OR OTHER ITEMS AS DETERMINED BY THE OWNER, THEN THE CONTRACTOR SHALL REFILL THE EXCAVATION, OR ANY PART THEREOF, UNTIL THEY ARE READY TO PROCEED WITH THE CONSTRUCTION OF THE WORK. THIS SHALL BE DONE AT NO ADDITIONAL COST TO THE OWNER.
- ALL EXCAVATED MATERIAL SHALL BE WORKED IN SUCH A MANNER THAT WILL NOT ENDANGER THE WORK NOR OBSTRUCT WALKS AND DRIVEWAYS, MANHOLE COVERS, INLETS, FIRE AND POLICE CALL BOXES. OTHER UTILITIES SHALL BE UNOBSTRUCTED AND ACCESSIBLE AT ALL TIMES. GUTTERS SHALL BE KEPT CLEAR OR OTHER SATISFACTORY PROVISIONS MUST BE MADE TO KEEP THEM UNOBSTRUCTED.
- THE TRACKING OF MUD, DIRT, OR DEBRIS, OR SPILLAGE OF THE SAME, UPON STATE ROUTES, COUNTY ROADS, TOWNSHIP ROADS, RESIDENTIAL AND COMMERCIAL DRIVES, SIDEWALKS, OR BIKE PATHS IS PROHIBITED AND ANY SUCH OCCURRENCE SHALL BE CLEANED UP IMMEDIATELY BY THE CONTRACTOR. FAILURE TO REMOVE SAID MUD, DIRT, OR DEBRIS, OR SPILLAGE IN A TIME DEFINED BY THE OWNER PRIOR TO THE COMMENCEMENT OF CONSTRUCTION SHALL RESULT IN THE OWNER PROVIDING THAT SERVICE. THE OWNER SHALL RESERVE THE RIGHT TO DEDUCT THE COST OF PROVIDING SUCH SERVICES FROM THE CONTRACTOR'S PAYMENT.
- ROADWAY STORM DRAINAGE: I.E. DITCHES, PIPES, CULVERTS SHALL NOT BE OBSTRUCTED DURING SEWER CONSTRUCTION. TEMPORARY EROSION AND SEDIMENTATION MEASURES PER ODOT CMS 670.02 ARE TO BE INSTALLED AND MAINTAINED BY THE CONTRACTOR TO PREVENT SILTATION OF DRAINAGE DITCHES, SEWERS, CULVERTS, ETC.
- ALL AREAS IN THE RIGHT-OF-WAY ARE TO BE GRADED AND SEEDED AS SOON AS WORK IN THAT AREA IS COMPLETE.
- THE CONTRACTOR SHALL REPAIR OR REPLACE ANY AND ALL EXISTING WORK DAMAGED DURING OR DUE TO THE EXECUTION OF THIS CONTRACT AT THEIR OWN EXPENSE. SAID WORK TO BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE CITY OF SUNBURY.

CITY OF SUNBURY STANDARD SANITARY NOTES:

- THE SANITARY SEWER SYSTEM ASSOCIATED WITH THIS PROJECT WILL BE OWNED AND OPERATED BY THE CITY OF SUNBURY.
- ALL SANITARY SEWERS SHALL BE SEPARATED A MINIMUM OF 10 FEET HORIZONTALLY AND 1.5 FEET VERTICALLY FROM ALL WATER MAINS.
- WHEREVER A SANITARY SEWER MUST CROSS AN EXISTING WATER MAIN, THE ELEVATION OF THE CROWN OF THE SEWER SHALL BE AT LEAST 1.5 FEET MINIMUM, MEASURED BETWEEN THE OUTSIDE PIPE WALLS, BELOW THE BOTTOM OF THE WATER MAIN.
- THERE SHALL BE NO STORM OR CLEAN WATER CONNECTIONS TO THE SANITARY SEWER (ROOF DRAINS, FOOTER DRAINS, ETC.)
- TRENCH DAMS ARE REQUIRED FOR ALL SANITARY SEWERS AND SHALL BE CONSTRUCTED OF NATIVE CLAY OR IMPERVIOUS SOIL ACROSS AND ALONG THE TRENCH UPSTREAM OF THE MAIN LINE SEWER TO RETARD AND RESIST THE MOVEMENT OF GROUNDWATER THROUGH THE TRENCH BEDDING OR BACKFILL MATERIAL. COMPACT THE TRENCH DAMS TO 6 FEET IN LENGTH, AS MEASURED ALONG THE SERVICE CENTERLINE TO A LIMIT OF 36 INCHES ABOVE THE TOP OF PIPE.
- SEWER TRENCHES SHALL BE DE-WATERED TO 12 INCHES BELOW THE BELL OF PIPE PRIOR TO INSTALLATION OF PIPE.
- ANY FIELD TILE DISTURBED DURING CONSTRUCTION SHALL BE REPLACED AS DIRECTED BY THE CITY OF SUNBURY WITH PVC PIPE SPANNING THE TRENCH. THE TRENCH SHALL BE FILLED WITH COMPACTED GRANULAR BACKFILL.
- FINISH GRADE AT ALL SANITARY MANHOLES SHALL BE AT LEAST 6 INCHES BELOW TOP OF CASTING TO AVOID UNNECESSARY INFILTRATION INTO THE SANITARY SEWER SYSTEM.
- BACKFILL SHALL BE INSTALLED PER TYPICAL TRENCH DETAIL SA.S-2.
- CONTRACTOR SHALL INSTALL A PLUG IN THE UPSTREAM INVERT OF THE MANHOLE NO. 4.
- SANITARY SEWERS SHALL BE TESTED BY AIR TESTING METHOD. AIR TESTING SHALL BE MADE IN ACCORDANCE WITH ASTM F1417-92. ALLOWABLE LEAKAGE SHALL NOT EXCEED THE LIMITS AS SHOWN IN DELAWARE COUNTY REGIONAL SEWER DISTRICT (DCRSD) CMS ITEM 409.01. CONTRACTOR SHALL COOPERATE WITH THE SANITARY ENGINEER AND PROVIDE ALL NECESSARY EQUIPMENT TO PERFORM THE TESTING.
- SANITARY MANHOLES SHALL BE TESTED USING VACUUM TEST METHODS PER DELAWARE COUNTY REGIONAL SEWER DISTRICT (DCRSD) CMS ITEM 409.02.
- WHEN PVC PIPE IS USED A DEFLECTION TEST SHALL BE PERFORMED. PIPE DEFLECTION SHALL NOT EXCEED 5 PERCENT IF TESTED AFTER 30 DAYS, OR 7.5 PERCENT IF TESTED AFTER 90 DAYS FROM THE TRENCH BEING BACKFILLED TO FINISH GRADE. THE METHOD OF TESTING SHALL BE SUBJECT TO THE APPROVAL OF THE CITY OF SUNBURY. IF RIGID BALLS OR MANDRELS ARE USED TO TEST THE PIPE DEFLECTION, NO MECHANICAL PULLING DEVICES SHALL BE USED. ANY LINES WHICH FAIL THE TEST MUST BE REPAIRED AND RETESTED BY THE CONTRACTOR AT NO COST TO THE CITY OF SUNBURY.
- ALL SANITARY MANHOLE COVERS SHALL BE STAMPED "CITY OF SUNBURY". ALL WATERTIGHT MANHOLES SHALL HAVE A T-GASKET AND CONCEALED PICK HOLES. ALL SANITARY MANHOLES SHALL BE NEENAH R-1760A WITH "CITY OF SUNBURY" CAST IN THE MANHOLE COVER.
- THE FOLLOWING SET OF TOOLS AND SPARE PARTS SHALL BE DELIVERED TO THE SANITARY ENGINEER'S OFFICE PRIOR TO FINAL ACCEPTANCE OF THE PROJECT: FIVE (5) CONCRETE GRADE RINGS; ONE (1) MANHOLE LIFTING HOOK; AND ONE (1) COMPLETE MANHOLE CASTING (FRAME AND LID). AN ADDITIONAL SET OF SPARE PARTS SHALL BE PROVIDED FOR EVERY TEN (10) MANHOLES.
- THE WORK OF THIS CONTRACT SHALL NOT INTERFERE WITH MAINTAINING CONTINUOUS FLOW IN THE EXISTING SANITARY SEWER, STORM SEWER, WATERLINES, POWER, TELEPHONE, CABLE TV, GAS, OR ANY OTHER SYSTEM THAT MAY BE ENCOUNTERED DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN ALL UTILITY POLES AND RELOCATE ANY UTILITY THAT IMPEDES CONSTRUCTION. NOTHING SHALL BE DONE BY ANY OTHER CONTRACTOR FOR THIS PROJECT WHICH WILL IN ANY WAY REDUCE THE QUALITY OR QUANTITY LEVEL OF SUCH OPERATIONS. THE CONTRACTOR SHALL NOTIFY THE OWNER (1) ONE WEEK PRIOR TO MODIFYING ANY FACILITIES. NO PAYMENT WILL BE MADE FOR ANY UTILITY MAINTENANCE UNLESS SPECIFICALLY NOTED AS A BID ITEM IN THE PROPOSAL. FAILURE TO PROPERLY MAINTAIN UTILITIES WILL RESULT IN THE REDUCTION OF THE PROPOSAL ITEM FOR UTILITY MAINTENANCE.
- MARKER POLES SHALL BE SET NEAR MANHOLES 1 THROUGH 4, AT THE EDGE OF THE ACCESS DRIVE AND AS SHOWN ON THE PLANS. THE MARKER POLE SHALL BE A 4 INCH X 4 INCH PRESSURE TREATED OR HARDWOOD POLE SET TO A POINT 3 FEET BELOW FINAL GRADE. BRACE THE POLE IN SUCH A MANNER TO HOLD IT FIRMLY IN POSITION DURING BACKFILL. THE POLE SHALL EXTEND 4 FEET ABOVE FINAL GRADE AND SHALL BE PAINTED BRIGHT RED. THE COST FOR MARKER POLES SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 611 - MANHOLE, MISC.: DELAWARE COUNTY MANHOLE, TYPE B.

BID SET

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DATE					
REVISION					
NO					
ISSUED FOR:	BID SET				
ISSUE DATE:	2/4/26				
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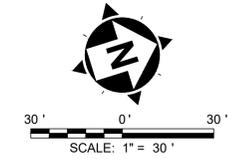
**LITTLE WALNUT CREEK
INTERCEPTOR SEWER - PHASE 2A
CITY OF SUNBURY, DELAWARE COUNTY, OHIO**

GENERAL NOTES

PROJECT NO.	22000715
DISCIPLINE	CIVIL
SHEET NAME	GEN-NOTE1
SHEET	OF
2	15

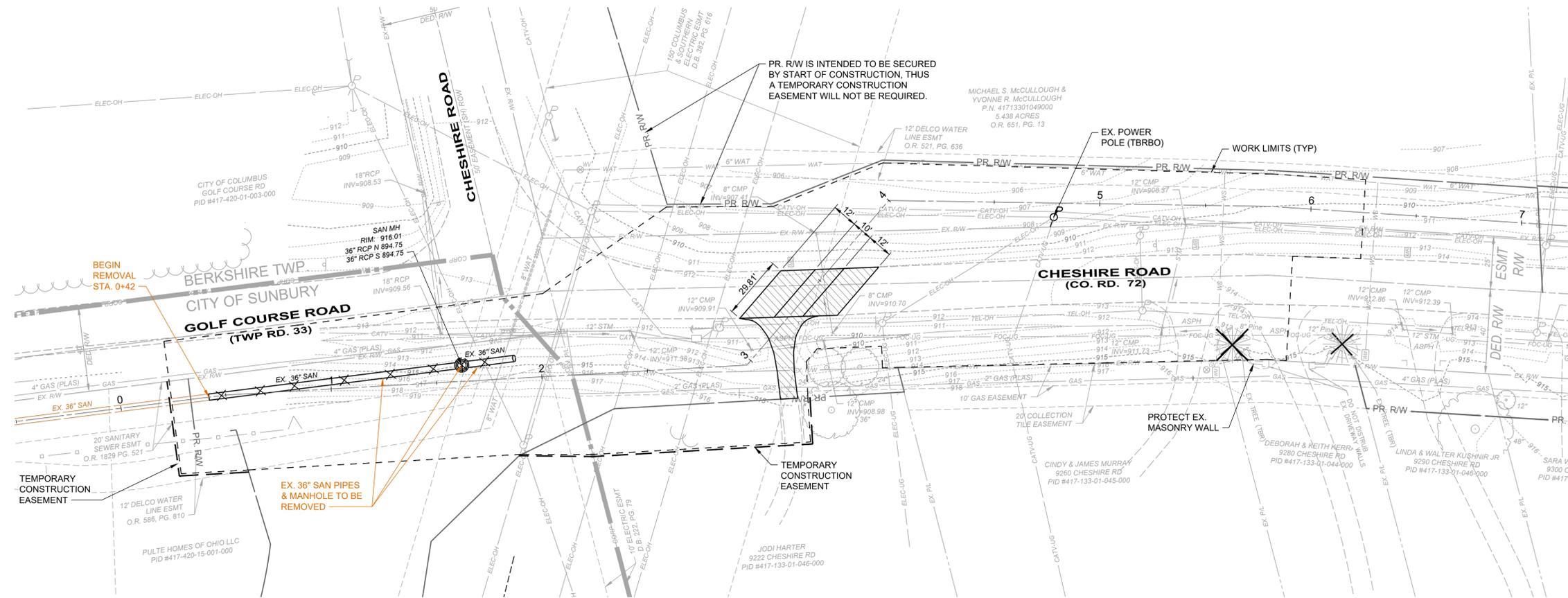
BID SET

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LEGEND:

-  ITEM 253 - PAVEMENT REPAIR AS PER PLAN
-  WORK LIMITS
-  TEMP. CONSTRUCTION EASEMENT
-  SANITARY PIPE REMOVAL
-  TREE TO BE REMOVED (TBRBO)
-  TO BE REMOVED BY OTHERS



ISSUED FOR:	BID SET	NO	REVISION	DATE
ISSUE DATE:	2/4/26			
SCALE:	AS SHOWN			
DESIGNED BY:	EJT			
DRAWN BY:	BKU			
CHECKED BY:	AF			

**LITTLE WALNUT CREEK
INTERCEPTOR SEWER - PHASE 2A
CITY OF SUNBURY, DELAWARE COUNTY, OHIO**

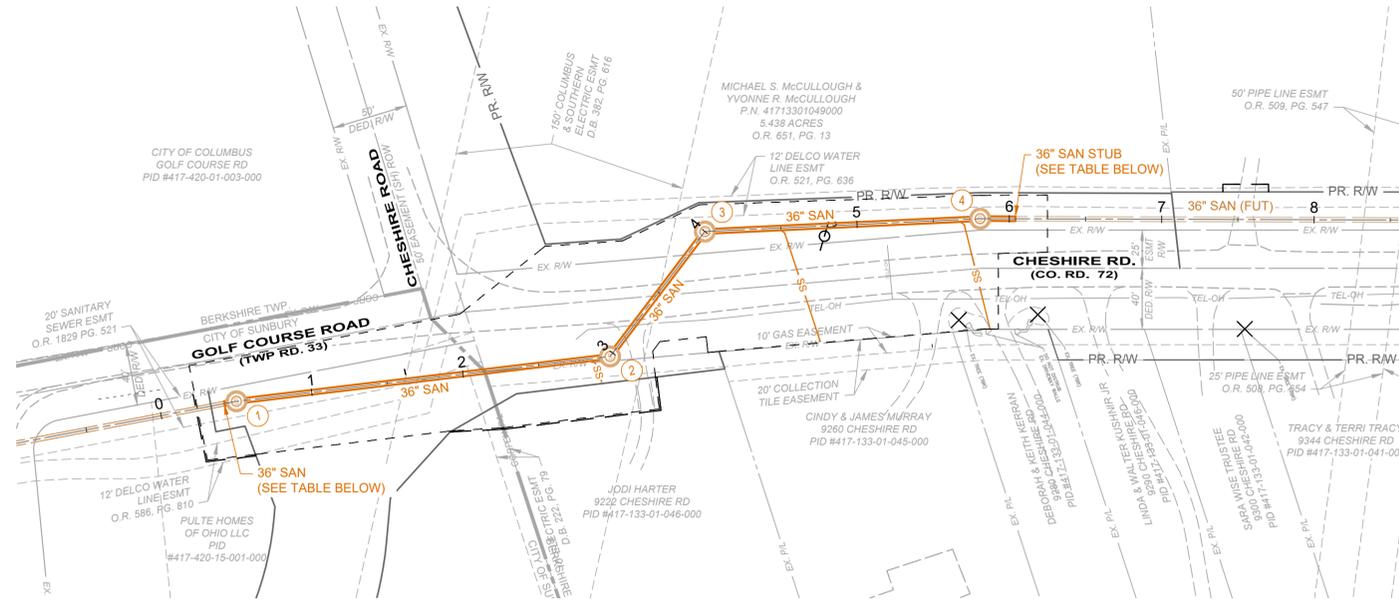
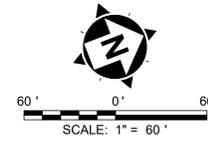
**SANITARY PH2A EXISTING
CONDITIONS & DEMOLITION PLAN**

PROJECT NO.	22000715
DISCIPLINE	CIVIL
SHEET NAME	SAN-DEMO
SHEET	6
OF	15

BID SET

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NOTES:
FOR BENCHMARK INFORMATION, SEE SHEET 1.



SANITARY RUN 2A - STRUCTURE TABLE				
STR NO:	NORTHING (PER PLAN)	EASTING (PER PLAN)	NORTHING (AS BUILT)	EASTING (AS BUILT)
1	211142.50	1859070.34		
2	211381.59	1859132.14		
3	211469.30	1859078.61		
4	211640.61	1859136.45		

SANITARY PH2A - PIPE TABLE			
RUN	SIZE	LENGTH	SLOPE
EX - 1	36"	8'	0.05%
1 - 2	36"	247'	0.05%
2 - 3	36"	103'	0.05%
3 - 4	36"	181'	0.05%
STUB	36"	23'	0.05%

NOTE: ALL PIPE LENGTHS ARE MEASURED FROM CENTER TO CENTER OF STRUCTURES.

SANITARY SERVICE TABLE (WITHIN PUBLIC R/W)					
PROPERTY ADDRESS	SANITARY MAIN STATION	SANITARY MAIN INVERT AT SERVICE	SANITARY SERVICE INVERT AT R/W LINE	SANITARY LENGTH TO R/W	SANITARY PAY LENGTH
9222 CHESHIRE RD.	2+87 RT	894.90	903.84	18'	21'
9260 CHESHIRE RD.	4+51 RT	895.19	905.04	75.4'	83'
9280 CHESHIRE RD.	5+65 RT	895.25	905.01	75.5'	79'

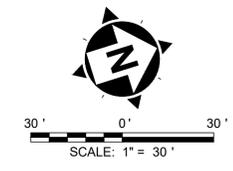
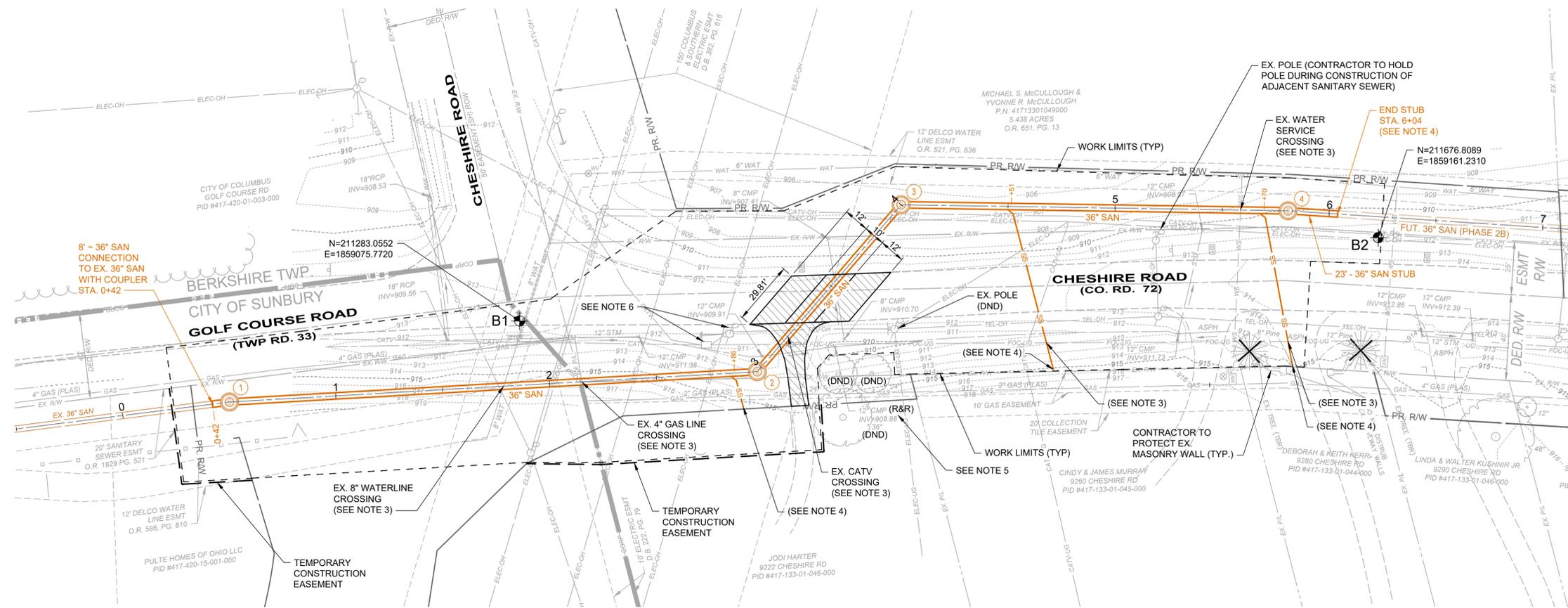
*SANITARY SERVICE INVERT ELEVATIONS WERE APPROX. BASED ON THE FOLLOWING ASSUMPTIONS: MIN. LATERAL SLOPE OF 1.5%, MAX RISER HEIGHT AT THE MAINLINE OF 8'. SERVICE INVERT ELEVATION AT RESIDENCE AT A MIN. 10' BELOW THE EXISTING GRADE. SANITARY PAY LENGTHS WERE DERIVED BASED ON THE LENGTH FROM THE MAINLINE SEWER TO THE R/W + 4' TO ACCOUNT FOR SLOPE AND ALIGNMENT ADJUSTMENTS NEAR THE MAINLINE SEWER.

ISSUED FOR:	BID SET	NO	REVISION	DATE
ISSUE DATE:	2/4/26			
SCALE:	AS SHOWN			
DESIGNED BY:	EJT			
DRAWN BY:	BKU			
CHECKED BY:	AF			

**LITTLE WALNUT CREEK
INTERCEPTOR SEWER - PHASE 2A
CITY OF SUNBURY, DELAWARE COUNTY, OHIO**

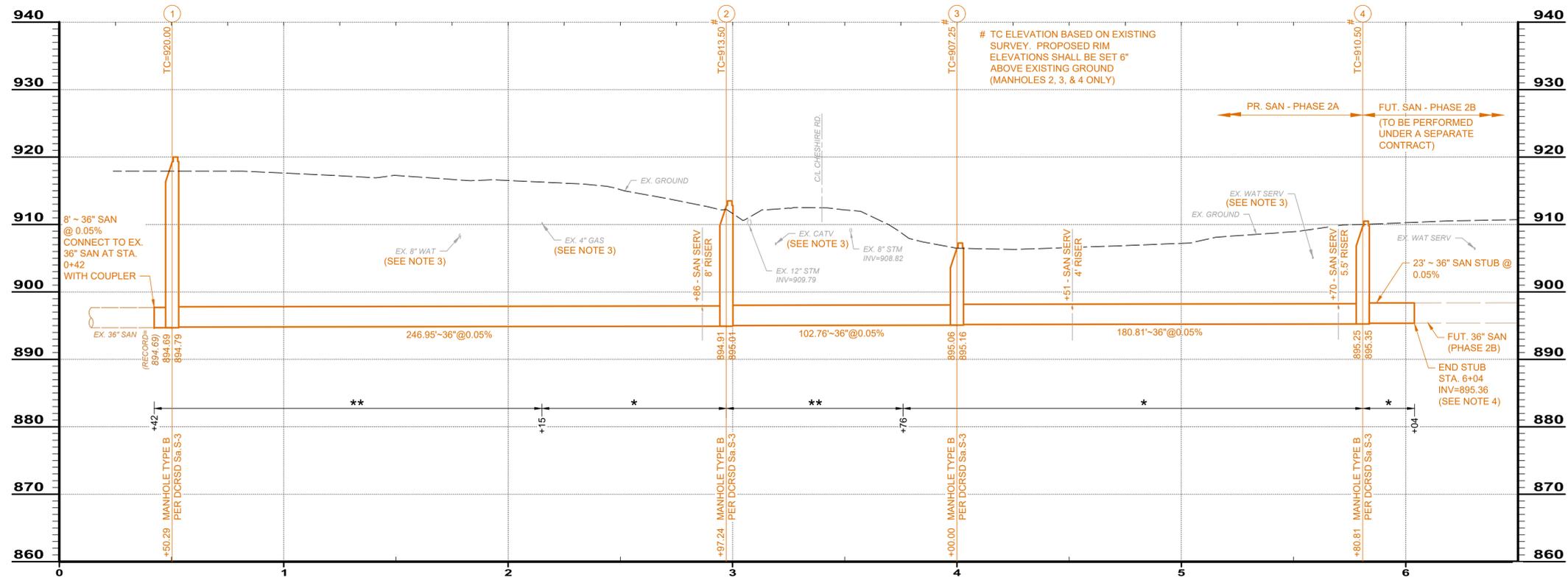
SANITARY SCHEMATIC PLAN

PROJECT NO.	22000715
DISCIPLINE	CIVIL
SHEET NAME	SAN-SCH
SHEET	7
OF	15



- LEGEND:**
- ITEM 253 - PAVEMENT REPAIR AS PER PLAN
 - WORK LIMITS
 - TEMP. CONSTRUCTION ESMT
 - BORING LOCATION. SEE GEOTECHNICAL REPORT TITLED "GEOTECHNICAL SUBSURFACE INVESTIGATION FOR LITTLE WALNUT CREEK INTERCEPTOR (PHASE 2) SEWER PROJECT" DATED 4/07/25 FOR BORING DATA.
- DND = DO NOT DISTURB
R&R = REMOVE AND REPLACE

- NOTES:**
1. SEE STANDARD DRAWING Sa.S-2 REGARDING BACKFILL REQUIREMENTS AND BACKFILL LIMITS.
 2. SANITARY SERVICES TO BE DIRECTIONALLY DRILLED.
 3. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES AND LOCATE ALL UTILITIES NEAR OR CROSSING THE TRENCH SHALL BE MAINTAINED AND PROTECTED DURING CONSTRUCTION.
 4. PIPE TO BE PLUGGED. WOODEN MARKER TO BE INSTALLED AS PER NOTE ON SHEET 3.
 5. DRIVE PIPE TO BE REMOVED DURING SANITARY SEWER INSTALLATION AND REPLACED AFTERWARDS.
 6. CONTRACTOR TO PROTECT EXISTING HANDHOLE, PEDESTAL, AND POLE DURING CONSTRUCTION.



- * COMPACTED GRANULAR BACKFILL AS PER CMS ITEM 304 IN ACCORDANCE WITH STANDARD DRAWING Sa.S-2
- ** COMPACTED GRANULAR BACKFILL AS PER CMS ITEM 304 IN ACCORDANCE WITH STANDARD DRAWING Sa.S-2

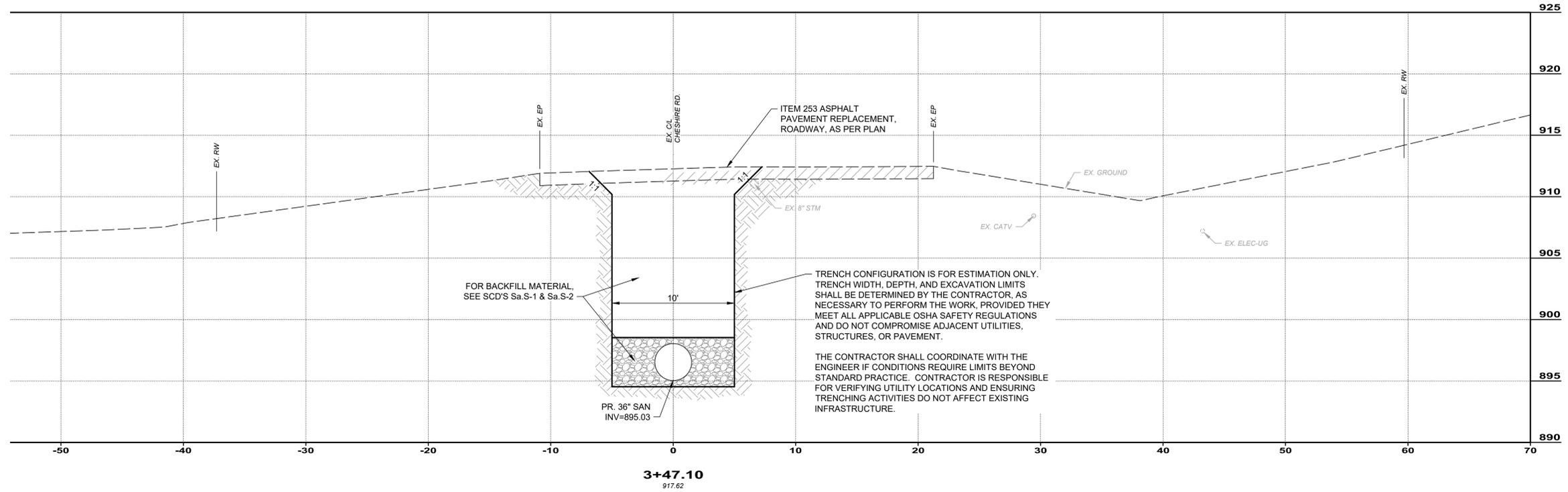
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DESIGNED BY:	EJT			
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LITTLE WALNUT CREEK INTERCEPTOR SEWER - PHASE 2A
CITY OF SUNBURY, DELAWARE COUNTY, OHIO

SANITARY PLAN & PROFILE
STA. 0+00.00 TO STA. 6+50.00

PROJECT NO.	22000715
DISCIPLINE	CIVIL
SHEET NAME	SAN-PP2A
SHEET	8
OF	15

BID SET



ISSUED FOR:	BID SET	NO	REVISION	DATE
ISSUE DATE:	2/4/26			
SCALE:	AS SHOWN			
DESIGNED BY:	EJT			
DRAWN BY:	BKU			
CHECKED BY:	AF			

**LITTLE WALNUT CREEK
INTERCEPTOR SEWER - PHASE 2A
CITY OF SUNBURY, DELAWARE COUNTY, OHIO**

SANITARY CROSS SECTION

PROJECT NO.	22000715
DISCIPLINE	CIVIL
SHEET NAME	CROS-SECT
SHEET	9
OF	15

SITE DATA:

PROJECT DESCRIPTION (PURPOSE AND TYPES OF SOIL DISTURBING ACTIVITIES):

THIS PROJECT INVOLVES THE CONSTRUCTION OF APPROXIMATELY 566 LF OF SANITARY SEWER FROM THE END OF PHASE 1 OF THE LITTLE WALNUT CREEK INTERCEPTOR SEWER AT THE INTERSECTION OF GOLF COURSE RD AND CHESHIRE RD TO SANITARY MANHOLE NO. 4.

SOIL DISTURBING ACTIVITIES WILL INCLUDE: CLEARING AND GRUBBING, INSTALLING PERIMETER AND OTHER EROSION AND SEDIMENT CONTROLS, INSTALLATION OF SANITARY SEWER PIPES, AND SITE RESTORATION.

LIMITS OF DISTURBANCE: 0.84 AC.

EXISTING DRAINAGE/RECEIVING WATER:

LITTLE WALNUT CREEK (TRIBUTARY TO BIG WALNUT CREEK)

EROSION CONTROL DEVICES:

CONSTRUCTION SEEDING, MULCHING, PERIMETER FILTER FABRIC FENCE AND STRAW WATTLES/FILTER SOCKS.

SCHEDULE:

THE CONTRACTOR SHALL PROVIDE A SCHEDULE OF OPERATIONS TO THE CITY AND DESIGNER/ENGINEER. EROSION AND SEDIMENTATION BMPS SHALL BE PLACED AND MAINTAINED IN ACCORDANCE WITH THIS SCHEDULE.

OWNER/SITE CONTACT: CITY OF SUNBURY
9 E GRANVILLE STREET
SUNBURY, OH 43074
PHONE: 740-965-2684
CONTACT: CARLA ODEBRALSKI
CITY ADMINISTRATOR
EMAIL: CODEBRALSKI@SUNBURYOHIO.ORG

PLAN DESIGNER: VERDANTAS
6397 EMERALD PKWY, SUITE 200
DUBLIN, OHIO 43016
OFFICE: 614-885-1700
CONTACT: ERIC TROYER, P.E.
EMAIL: ERIC.TROYER@VERDANTAS.COM

OHIO EPA GENERAL PERMIT NO. OHC000006 CONSTRUCTION EROSION AND SEDIMENT CONTROL

PLAN HAS BEEN ASSIGNED NPDES PERMIT NUMBER(S):

SHALL BE UPDATED ONCE DOCUMENTATION IS AVAILABLE

SEQUENCE OF CONSTRUCTION:

- 1. INSTALL PERIMETER FILTER FABRIC FENCE/STRAW WATTLE/FILTER SOCKS/DITCH CHECKS/INLET PROTECTION/CONSTRUCTION ENTRANCES WITHIN CONSTRUCTION/WORK LIMITS.
- 2. CLEAR & GRUB SITE, REMOVE TREES AND STUMPS WITHIN CONSTRUCTION/WORK LIMITS. TEMPORARY SEED/STABILIZE AS AREAS ARE DENUDED OR AS NEEDED.
- 3. DIG TRENCHES FOR SANITARY SEWER.
- 4. CONSTRUCT SANITARY SEWER / APPLY PERMANENT STABILIZATION TO THE WORK AREA AS NEEDED.
- 5. FINAL GRADE/STABILIZE AREAS WITHIN CONSTRUCTION/WORK LIMITS.
- 6. REMOVE PERIMETER FILTER FABRIC FENCE/STRAW WATTLE/FILTER SOCKS/DITCH CHECKS/INLET PROTECTION/CONSTRUCTION ENTRANCES. RESEED ANY AREA AS NEEDED TO ESTABLISH VEGETATION GROWTH.

SITE AREA:

ESTIMATE OF IMPERVIOUS AREA AND PERCENT IMPERVIOUS CREATED BY CONSTRUCTION:

EXISTING IMPERVIOUS AREA = 0.027 ACRES
PROPOSED IMPERVIOUS AREA = 0.027 ACRES
INCREASE OF 0.00 ACRES
% IMPERVIOUS = INCREASE OF 0.00 %

WATERSHED:

LITTLE WALNUT CREEK

EROSION CONTROL NOTES:

ALL CONSTRUCTION ACTIVITIES MUST COMPLY WITH ALL LOCAL EROSION AND SEDIMENT CONTROL REGULATIONS.

DIRECT DISCHARGE OF SEDIMENT LADEN WATER TO THE CITY'S SEWER SYSTEM OR A RECEIVING STREAM IS A VIOLATION OF OHIO EPA REGULATIONS. THE CONTRACTOR WILL BE HELD LIABLE FOR THE VIOLATION AND SUBSEQUENT FINES.

ALL EROSION AND SEDIMENT CONTROL PRACTICES MUST MEET THE STANDARDS AND SPECIFICATIONS OF THE OHIO RAINWATER AND LAND DEVELOPMENT MANUAL. OTHER EROSION CONTROL ITEMS MAY BE NECESSARY DUE TO ENVIRONMENTAL CONDITIONS.

REGULAR INSPECTION AND MAINTENANCE WILL BE PROVIDED FOR ALL EROSION AND SEDIMENT CONTROL PRACTICES. PERMANENT RECORDS OF MAINTENANCE AND INSPECTIONS MUST BE KEPT THROUGHOUT THE CONSTRUCTION PERIOD. INSPECTIONS MUST BE MADE A MINIMUM OF ONCE EVERY 7 DAYS AND IMMEDIATELY AFTER STORM EVENTS GREATER THAN 0.5 INCHES OF RAIN IN A 24 HOUR PERIOD. PROVIDE NAME OF INSPECTOR, MAJOR OBSERVATIONS DATE OF INSPECTION, AND CORRECTIVE ACTIONS TAKEN.

SILT FENCE SHALL BE IMPLEMENTED WITHIN 7 DAYS OF THE START OF CONSTRUCTION AND SHALL CONTINUE TO FUNCTION UNTIL UPLAND AREAS ARE STABILIZED.

THE CONTRACTOR SHALL USE EROSION CONTROL MEASURES AS NECESSARY TO PREVENT SEDIMENT MOVEMENT INTO AREAS DESIGNATED AS WETLANDS OR STREAMS.

NO SOLID OR LIQUID WASTE SHALL BE DISCHARGES INTO STORMWATER RUNOFF.

EROSION AND SEDIMENT CONTROLS:

TEMPORARY STABILIZATION:

TOP SOIL STOCKPILES AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR AT LEAST 21 DAYS WILL BE STABILIZED WITH TEMPORARY SEED OR MULCH NO LATER THAN 7 DAYS FROM THE LAST CONSTRUCTION ACTIVITY IN THAT AREA. THE TEMPORARY SEED SHALL BE APPLIED AS PER THE TEMPORARY SEEDING SPECIFICATIONS. AREAS OF THE SITE WHICH ARE TO BE PAVED WILL BE TEMPORARILY STABILIZED BY APPLYING STONE SUB-BASE UNTIL PAVEMENT CAN BE APPLIED.

PERMANENT STABILIZATION:

DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY CEASES SHALL BE STABILIZED WITH PERMANENT SEED NO LATER THAN 7 DAY AFTER THE LAST CONSTRUCTION ACTIVITY. THE PERMANENT SEED MIX SHALL BE PER THE PERMANENT SEEDING SPECIFICATIONS.

TABLE 1: PERMANENT STABILIZATION. Table with 2 columns: AREA REQUIRING PERMANENT STABILIZATION, TIME FRAME TO APPLY EROSION CONTROLS. Rows include: ANY AREAS THAT WILL LIE DORMANT FOR ONE YEAR OR MORE; ANY AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE STATE AND AT FINAL GRADE; OTHER AREAS AT FINAL GRADE.

TABLE 2: TEMPORARY STABILIZATION. Table with 2 columns: AREA REQUIRING TEMPORARY STABILIZATION, TIME FRAME TO APPLY EROSION CONTROLS. Rows include: ANY DISTURBED AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE STATE AND NOT AT FINAL GRADE; ANY DISTURBED AREAS THAT WILL BE DORMANT FOR MORE THAN 14 DAYS BUT LESS THAN ONE YEAR, AND NOT WITHIN 50 FEET OF A SURFACE WATER OF THE STATE; DISTURBED AREAS THAT WILL BE IDLE OVER WINTER.

WASTE MATERIALS:

ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER RENTED FROM A LICENSED SOLID WASTE MANAGEMENT COMPANY. THE DUMPSTER WILL MEET ALL LOCAL, CITY, AND STATE SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER WILL BE EMPTIED A MINIMUM OF ONCE PER WEEK OR MORE OFTEN IF NECESSARY, AND TRASH WILL BE HAULED OFF SITE TO AN APPROVED DISPOSAL SITE. NO CONSTRUCTION WASTE MATERIALS WILL BE BURNED ON SITE. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED IN THE OFFICE TRAILER. THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

HAZARDOUS WASTE:

ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES. THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.

SANITARY WASTE:

ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF ONCE PER WEEK BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR, AS REQUIRED BY LOCAL REGULATION.

OFFSITE VEHICLE TRACKING:

A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. ALL PAVED STREETS ADJACENT TO THE SITE WILL BE SWEEP DAILY TO REMOVE ANY EXCESS MUD, DIRT, OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPULIN.

EROSION CONTROL PLAN:

- 1. THE PERMITTEE SHALL TAKE ANY AND ALL APPROPRIATE MEASURES TO LIMIT SOIL EROSION PRIOR TO, DURING, AND AFTER CONSTRUCTION. AS SUCH, THE PERMITTED SHALL BE FULLY ACCOUNTABLE TO THE OHIO EPA, THE SOIL CONSERVATION SERVICE, AND ANY OTHER APPROPRIATE AGENCIES FOR ANY REGULATIONS RELATED TO THE PROTECTION AND CONSERVATION OF SOILS THAT ARE AFFECTED BY THIS PERMITTED WORK.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING AN EROSION CONTROL PLAN TO THE CITY FOR ALL WORK PRIOR TO THE INITIATION OF ANY CONSTRUCTION WORK. THE PLAN SHALL BE SUBMITTED WITHIN TWO (2) WEEKS FOLLOWING THE NOTICE OF AWARD OF THE CONTRACT. ONCE APPROVED, THE PLAN SHALL BE USED BY THE CONTRACTOR THROUGHOUT THE PROJECT. ANY DEVIATIONS FORM THE APPROVED PLAN WILL NEED TO BE SUBMITTED TO THE CITY THREE (3) WEEKS PRIOR TO THE CHANGE FOR THE CITY'S CONSIDERATION.
- 3. THE EROSION CONTROL PLAN SHALL INCLUDE, AT MINIMUM, THE LOCATION OF THE STAGING AND STOCKPILE SITES, AND THE TYPE AND LOCATION OF THE EROSION CONTROL DEVICES.
- 4. THE FOLLOWING SHALL BE USED AS A GUIDE TO DEVELOP THE EROSION CONTROL PLAN.
 - 4.1. STAGING SITE - IDENTIFY THE LOCATION OF THE POTENTIAL SITES. MAINTAIN A MINIMUM SEPARATION FROM ANY STREAMS, CREEKS, OR OTHER OPEN BODIES OF WATER. EROSION CONTROL DEVICES - IDENTIFY THE TYPES OF EROSION CONTROL DEVICES TO BE USED AND INDICATE TIMING AND METHOD OF PERMANENT STABILIZATION AND REVEGETATION. EROSION CONTROL DEVICES MAY INCLUDE, BUT ARE NOT LIMITED TO, SILT FENCE, ROCK CHECK DAMS, INLET PROTECTION, CONSTRUCTION FENCE, ETC.
- 5. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS AND INFORMATION.

MAINTENANCE/INSPECTION PROCEDURES:

EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PROCEDURES:

THESE ARE THE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS.

LESS THAN 50% OF THE SITE WILL BE DENUDED AT ONE TIME.

SILT FENCE WILL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND. BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.

TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.

A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION.

THE SITE SUPERINTENDENT WILL SELECT INDIVIDUALS WHO WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE, AND REPAIR ACTIVITIES, AND FILLING OUT THE INSPECTION AND MAINTENANCE REPORT.

NON-STORMWATER DISCHARGES:

IT IS EXPECTED THAT THE FOLLOWING NON-STORMWATER DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD: WATER FROM WATER LINE FLUSHINGS. PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED). UNCONTAMINATED GROUNDWATER (FROM DEWATERING EXCAVATION).

CITY OF SUNBURY GENERAL EROSION & SEDIMENT CONTROL NOTES:

- 1. EROSION CONTROL SHALL CONSIST OF TEMPORARY CONTROL MEASURES AS DETAILED ON THE PLANS OR ORDERED BY THE CITY ENGINEER DURING THE LIFE OF THE CONTRACT TO CONTROL SOIL, EROSION, AND SEDIMENTATION THROUGH USE OF EROSION CONTROL BEST MANAGEMENT PRACTICE (BMP'S).
- 2. TEMPORARY EROSION AND SEDIMENT CONTROL ITEMS, THE LOCATION AND SIZE OF WHICH ARE DETAILED ON THE PLANS, SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF ANY CLEARING OR EARTHWORK OPERATIONS. CONDITIONS THAT DEVELOP DURING CONSTRUCTION THAT WERE NOT FORESEEN DURING THE DESIGN STAGE THAT REQUIRE ADDITIONAL OR MODIFIED TEMPORARY OR PERMANENT BMP'S SHALL BE DESIGNED BY THE DEVELOPER'S ENGINEER AND APPROVED BY THE CITY ENGINEER AND THEN REFLECTED ON THE EROSION AND SEDIMENT CONTROL PLAN.
- 3. SEDIMENT PONDS, SEDIMENT TRAPS, AND PERIMETER CONTROLS SHALL BE IMPLEMENTED AS THE FIRST STEP OF GRADING AND WITHIN SEVEN (7) DAYS FROM THE START OF GRUBBING. THEY SHALL CONTINUE TO FUNCTION UNTIL DISTURBED AREAS ARE RE-ESTABLISHED WITH TEMPORARY VEGETATION. NO SEDIMENT CONTROLS SHALL BE PLACED IN A STREAM.
- 4. TRENCH DEWATERING OR DEWATERING GROUND WATER, WHICH CONTAINS SEDIMENT SHALL PASS THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVICE. ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PUT, FILTER BAG, OR EXISTING VEGETATED UPSLOPE AREA. SEDIMENT LADEN WATER SHALL NOT BE DISCHARGED TO STREAMS OR THE STORM SEWER SYSTEM.
- 5. CEMENT WASH WATER SHALL NOT BE ALLOWED TO FLOW TO STREAMS, DITCHES, STORM DRAINS, OR ANY OTHER WATER CONVEYANCE. ALL WASH WATER SHALL BE COLLECTED IN AN APPROVED, DESIGNATED LOCATION.
- 6. CONTAINERS SHALL BE PROVIDED FOR COLLECTION OF ALL WASTE MATERIAL INCLUDING CONSTRUCTION DEBRIS, TRASH, PETROLEUM PRODUCTS, AND ANY HAZARDOUS MATERIALS TO BE USED ON SITE. ALL WASTE MATERIAL SHALL BE DISPOSED OF AT FACILITIES APPROVED FOR THAT MATERIAL.
- 7. THESE NOTES AND DRAWINGS ARE INTENDED TO SERVE AS BASIC GUIDELINES. ALL EROSION CONTROL PRACTICES SHALL MEET THE STANDARDS AND SPECIFICATIONS OF THE ODNR RAINWATER AND LAND DEVELOPMENT MANUAL.
- 8. ADDITIONAL EROSION CONTROL BMP'S MAY BE MANDATED BY THE CITY AT ANY TIME DURING THIS PROJECT AS UNFORESEEN SITUATIONS MAY ARISE THAT WARRANT FURTHER EROSION AND SEDIMENT CONTROL PRACTICES.
- 9. LIMITS OF CLEARING AND GRADING SHALL BE CLEARLY MARKED ON SITE WITH SIGNAGE, FLAGGING, AND/OR CONSTRUCTION FENCING. THE SUBCONTRACTOR SHALL LIMIT THE SURFACE AREA OR ERODIBLE EARTH MATERIAL EXPOSED BY EXCAVATION, BORROW, AND FILL OPERATIONS AND PROVIDE IMMEDIATE PERMANENT OR TEMPORARY CONTROL MEASURES TO PREVENT CONTAMINATION OF ADJACENT STREAMS OR OTHER WATER COURSES, LAKES, PONDS, WETLANDS, OR OTHER AREAS OF WATER IMPOUNDMENT.
- 10. CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT ALL INGRESS AND EGRESS LOCATIONS TO ELIMINATE OFF-SITE VEHICLE TRACKING OF SEDIMENTS. SEDIMENTS SHALL BE REMOVED FROM ROADWAYS AT LEAST DAILY, OR MORE OFTEN IF REQUESTED BY THE CITY ENGINEER.
- 11. TEMPORARY SEEDING
 - 11.1. SEDIMENT CONTROL SHALL BE ACCOMPLISHED BY SEEDING AND STRAW MULCHING ALL DISTURBED AREAS IMMEDIATELY UPON COMPLETION OF EXCAVATION OR FILL AND FINISH GRADING IN ACCORDANCE WITH SPECIFICATIONS OF THE ODNR RAINWATER AND LAND DEVELOPMENT MANUAL.
 - 11.2. ALL DETENTION PONDS, RETENTION PONDS, WATER QUALITY STRUCTURES, SEDIMENT PONDS, SEDIMENT TRAPS, EARTHEN DIVERSIONS, OR EMBANKMENTS SHALL BE SEEDED AND STRAW MULCHED WITHIN SEVEN (7) DAYS OF COMPLETED CONSTRUCTION.
 - 11.3. DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR A PERIOD OF TWENTY ONE (21) DAYS OR LONGER SHALL BE STABILIZED WITH SEEDING AND STRAW MULCHING, OR OTHER APPROPRIATE MEANS, WITHIN SEVEN (7) DAYS AFTER EARTH-MOVING CEASES. PERMANENT SOILS STABILIZATION SHALL BE INSTALLED WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE.
 - 11.4. STABILIZE AREAS WITHIN FIFTY (50) FEET OF ANY STREAM OR WETLAND WITHIN TWO (2) DAYS ON ALL INACTIVE DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR FOURTEEN (14) DAYS OR LONGER.
 - 11.5. SEEDED AREAS SHALL BE INSPECTED AND WHERE SEED HAS NOT PRODUCES 80% COVER SHALL BE RE-SEEDED AS NECESSARY BY THE CONTRACTOR AREAS. AREAS SHALL BE STABILIZED WITH STRAW MULCH WHEN SUB-CONDITIONS PROHIBIT SEEDING.
 - 11.6. TEMPORARY SEEDING SHALL BE DONE IN ACCORDANCE WITH DELAWARE COUNTY ENGINEER'S OFFICE STANDARDS AND SUPPLEMENTAL SPECIFICATION (CMS SECTION 905 - SEEDING AND MULCHING).
- 12. MAINTENANCE
 - 12.1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION CONTROL MAINTENANCE AND INSPECTIONS ON A WEEKLY BASIS AND AFTER ALL RAIN EVENTS PRODUCING 1/2" OF RAIN PER 24 HOURS. A WRITTEN RECORD DOCUMENTING THE RESULTS OF THESE INSPECTIONS MUST BE CREATED AND MAINTAINED.
 - 12.2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THAT ALL SUBCONTRACTORS COMPLY WITH THE SEDIMENT AND EROSION CONTROL PLAN.

BID SET



Table with columns: DATE, REVISION, NO, BID SET, ISSUED FOR, ISSUE DATE, SCALE, DESIGNED BY, DRAWN BY, CHECKED BY. Values include: 2/4/26, AS SHOWN, EJT, BKU, AF.

LITTLE WALNUT CREEK INTERCEPTOR SEWER - PHASE 2A CITY OF SUNBURY, DELAWARE COUNTY, OHIO SEDIMENT & EROSION CONTROL NOTES & DETAILS

Table with columns: PROJECT NO., DISCIPLINE, SHEET NAME, SHEET, OF. Values include: 22000715, CIVIL, SEC-DET1, 10, 15.

EROSION & SEDIMENTATION CONTROL NOTES:

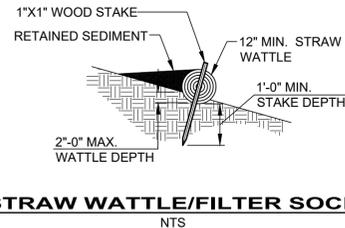
- THE EROSION AND SEDIMENT CONTROL MEASURES INCLUDED IN THIS PLAN SHALL BE INSTALLED SEVEN (7) DAYS PRIOR TO INITIAL LAND DISTURBANCE ACTIVITIES. SEDIMENT SHALL BE PREVENTED FROM DISCHARGING FROM THE PROJECT SITE BY INSTALLING AND MAINTAINING SILT FENCE. STRUCTURAL PRACTICES SHALL BE USED TO CONTROL EROSION FROM ALL AREAS REMAINING DISTURBED FOR MORE THAN FOURTEEN (14) DAYS.
- THE CONTRACTOR SHALL CONTROL WASTE, GARBAGE, DEBRIS, WASTEWATER AND OTHER SUBSTANCES ON THE SITE IN SUCH A WAY THAT THEY SHALL NOT BE TRANSPORTED FROM THE SITE BY THE ACTION OF WINDS, STORMWATER RUNOFF OR OTHER FORCES. PROPER DISPOSAL OR MANAGEMENT OF ALL WASTE AND UNUSED BUILDING MATERIAL, APPROPRIATE TO THE NATURE OF THE WASTE OR MATERIAL, IS REQUIRED. COMPLIANCE IS REQUIRED WITH ALL STATE OR LOCAL REGULATIONS REGARDING WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEMS.
- PUBLIC OR PRIVATE ROADWAYS SHALL BE CLEARED OF ACCUMULATED SEDIMENT DAILY OR ON AN AS NEEDED BASIS. BULK CLEARING OF ACCUMULATED SEDIMENT SHALL NOT INCLUDE FLUSHING THE AREA WITH WATER. CLEARED SEDIMENT SHALL BE RETURNED TO THE POINT OF LIKELY ORIGIN OR OTHER SUITABLE LOCATION.
- ALL ONSITE STORM DRAIN INLETS SHALL BE PROTECTED AGAINST SEDIMENTATION WITH FILTER FABRIC OR EQUIVALENT BARRIERS AS SHOWN ON THESE PLANS. ANY EXISTING STORM INLETS IMPACTED BY THE NEW CONSTRUCTION ACTIVITY REQUIRE APPROPRIATE INLET PROTECTION FOR SEDIMENT CONTROL.
- THIS EROSION AND SEDIMENT CONTROL PLAN SHALL BE IMPLEMENTED ON ALL DISTURBED AREAS WITHIN THE CONSTRUCTION SITE. ALL MEASURES INVOLVING EROSION CONTROL PRACTICES SHALL BE INSTALLED UNDER THE GUIDANCE OF QUALIFIED PERSONNEL EXPERIENCED IN EROSION CONTROL AND FOLLOWING THE PLANS AND SPECIFICATIONS INCLUDED IN THE PLAN.
- DURING THE PERIODS OF CONSTRUCTION ACTIVITY, ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR. AT THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE THE TRANSFER OF MAINTENANCE RESPONSIBILITIES, IF REQUIRED, WITH THE OWNER.
- ALL EROSION CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE CITY OF SUNBURY, OHIO ENVIRONMENTAL PROTECTION AGENCY (EPA) GENERAL CONSTRUCTION PERMIT AND THE OHIO DEPARTMENT OF NATURAL RESOURCES (ODNR) RAINWATER AND LAND DEVELOPMENT CURRENT EDITION.
- EXISTING VEGETATION SHALL BE PROTECTED AS MUCH AS POSSIBLE. ALL REASONABLE ATTEMPTS SHOULD BE MADE TO MINIMIZE THE TOTAL AREA OF DISTURBED LAND.
- ALL EROSION AND SEDIMENT CONTROLS SHALL BE INSPECTED IN ACCORDANCE WITH THE CONDITIONS OF THE APPLICABLE NPDES PERMIT.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE REMOVED AND DISPOSED OF WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY PRACTICES ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION.
- THIS PLAN MUST BE POSTED ON SITE. A COPY OF THE SWPPP PLAN AND THE APPROVED EPA STORMWATER PERMIT (WITH THE SITE-SPECIFIC NOI NUMBER) SHALL BE KEPT ON-SITE AT ALL TIMES.
- THE CONTRACTOR SHALL PROVIDE A SCHEDULE OF OPERATIONS TO THE OWNER. SEDIMENTATION AND EROSION CONTROL FEATURES SHALL BE PLACED IN ACCORDANCE WITH THIS SCHEDULE.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING NECESSARY AND ADEQUATE MEASURES FOR PROPER CONTROL OF EROSION AND SEDIMENTATION RUNOFF FROM THE SITE ALONG WITH PROPER MAINTENANCE AND INSPECTION IN ACCORDANCE WITH THE NPDES GENERAL PERMIT FROM THE STORMWATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ACTIVITY.
- PRIOR TO CONSTRUCTION OPERATIONS IN A PARTICULAR AREA, ALL EROSION CONTROL FEATURES SHALL BE IN PLACE. FIELD ADJUSTMENTS WITH RESPECT TO LOCATIONS AND DIMENSIONS MAY BE MADE BY THE CITY OF SUNBURY, OHIO EPA AND THE DESIGNER/ENGINEER.
- IT MAY BECOME NECESSARY TO REMOVE PORTIONS OF THE BARRIER (SILT FENCE, STRAW WATTLES) DURING CONSTRUCTION TO FACILITATE THE GRADING OPERATIONS IN A CERTAIN AREA. HOWEVER, THE BARRIER SHALL BE IN PLACE IN THE EVENING OR DURING ANY INCLEMENT WEATHER.
- SEEDING HAS BEEN ASSUMED TO BE 4'-0" OUTSIDE THE GRADING LIMITS. ALL AREAS NOT DESIGNATED TO BE SEEDED SHALL REMAIN UNDER NATURAL GROUND COVER. THOSE AREAS DISTURBED OUTSIDE THE SEEDED LIMITS SHALL BE SEEDED AND MULCHED AT THE CONTRACTOR'S EXPENSE.
- THE USE OF STRAW WATTLES HAS BEEN PROVEN TO BE A VERSATILE AND EFFECTIVE EROSION AND SEDIMENT CONTROL BMP. STRAW WATTLES MAY BE SUBSTITUTED FOR SILT FENCE IN A LINEAR INSTALLATION. STRAW WATTLES MUST BE A MINIMUM OF 12 INCHES IN DIAMETER. COMPOST FILTER SOCK MAY BE SUBSTITUTED FOR SILT FENCE.
- THE EROSION AND SEDIMENT PLAN SHALL INCORPORATE MEASURES WHICH CONTROL THE FLOW OF RUNOFF FROM DISTURBED AREAS SO AS TO PREVENT EROSION FROM OCCURRING. SUCH PRACTICES INCLUDE ROCK CHECK DAMS, PIPE SLOPE DRAINS, DIVERSIONS TO DIRECT FLOW AWAY FROM EXPOSED SOILS AND PROTECTIVE GRADING PRACTICES. THESE PRACTICES SHALL DIVERT RUNOFF AWAY FROM DISTURBED AREAS AND STEEP SLOPES WHERE PRACTICABLE.
- ALL SEDIMENT CONTROL PRACTICES MUST BE CAPABLE OF PONDING RUNOFF IN ORDER TO BE CONSIDERED FUNCTIONAL. EARTH DIVERSION DIKES OR CHANNELS ALONE ARE NOT CONSIDERED A SEDIMENT CONTROL PRACTICE UNLESS THESE ARE USED IN CONJUNCTION WITH A SEDIMENT SETTLING POND.
- SEDIMENT CONTROL STRUCTURES SHALL BE FUNCTIONAL THROUGHOUT THE COURSE OF EARTH DISTURBANCE ACTIVITIES. PERIMETER SEDIMENT BARRIERS SHALL BE IMPLEMENTED PRIOR TO GRADING AND WITHIN SEVEN (7) DAYS FROM THE START OF CONSTRUCTION ACTIVITIES. THEY SHALL CONTINUE TO BE FUNCTIONAL UNTIL THE UP SLOPE PROJECT AREA IS REESTABLISHED, AS CONSTRUCTION PROGRESSES AND THE TOPOGRAPHY IS ALTERED. APPROPRIATE CONTROLS MUST BE CONSTRUCTED OR EXISTING CONTROLS ALTERED TO ADDRESS THE CHANGING DRAINAGE PATTERNS.
- SHEET FLOW RUNOFF FROM DENUDEED AREAS SHALL BE INTERCEPTED BY PERIMETER FILTER FABRIC FENCE TO PROTECT ADJACENT PROPERTIES AND WATER RESOURCES FROM SEDIMENT TRANSPORTED VIA SHEET FLOW. WHERE INTENDED TO PROVIDE SEDIMENT CONTROL, PERIMETER FILTER FABRIC FENCE SHALL BE PLACED ON A LEVEL CONTOUR DOWNSLOPE OF THE DISTURBED AREA.
- ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL MINIMIZE SEDIMENT LADEN WATER FROM ENTERING ACTIVE STORM DRAINS SYSTEMS. ALL INLETS RECEIVING RUNOFF FROM DRAINAGE AREAS OF ONE OR MORE ACRES WILL REQUIRE A SEDIMENT SETTLING POND.
- ALL EROSION AND SEDIMENT CONTROL PRACTICES ARE SUBJECT TO FIELD MODIFICATIONS AT THE DISCRETION OF THE CITY OF SUNBURY AND/OR THE OHIO EPA IN ORDER TO COMPLY WITH THE APPLICABLE LAWS AND REGULATIONS.

- EXCEPT AS PREVENTED BY INCLEMENT WEATHER CONDITIONS, ALL DISTURBED AREAS TO REMAIN INACTIVE FOR MORE THAN THIRTY (30) DAYS SHALL BE STABILIZED BY SEEDING, SODDING, MULCHING OR ANY OTHER EQUIVALENT EROSION CONTROL MEASURE WITHIN SEVEN (7) DAYS. PERMANENT SOIL STABILIZATION SHALL BE PROVIDED WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS ESTABLISHED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE SEDIMENT CONTROL FEATURES USED ON THIS PROJECT. THE SITE SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN TWENTY-FOUR (24) HOURS AFTER ANY STORM EVENT GREATER THAN ONE-HALF (0.50) INCH OF RAIN PER TWENTY-FOUR (24) HOUR PERIOD. THE INSPECTION FREQUENCY MAY BE REDUCED TO ONCE A MONTH IF THE ENTIRE SITE IS TEMPORARY STABILIZED OR RUNOFF IS UNLIKELY DUE TO WEATHER CONDITIONS (SNOW, ICE OR FROZEN GROUNDS). RECORDS OF THESE INSPECTIONS SHALL BE KEPT AND MADE AVAILABLE TO JURISDICTIONAL AGENCIES IF REQUESTED. ANY SEDIMENT OR DEBRIS WHICH HAS REDUCED THE EFFICIENCY OF A STRUCTURE SHALL BE REMOVED IMMEDIATELY. SHOULD A STRUCTURE OR FEATURE BECOME DAMAGED, THE CONTRACTOR SHALL REPAIR OR REPLACE THE STRUCTURE AT NO ADDITIONAL COST TO THE OWNER.
- THIS EROSION AND SEDIMENT CONTROL PLAN IS TO BE USED AS A BASE PLAN FOR THE CONTRACTOR AND IF IT IS REQUIRED TO BE MODIFIED THE CONTRACTOR SHALL NOTIFY THE DESIGNER/ENGINEER WITH THE CHANGES BY SUBMITTING A REVISED EROSION AND SEDIMENT CONTROL PLAN IDENTIFYING ALL REVISION REQUIRED AS A RESULT OF THE WORK. REVISIONS SHALL INCLUDE ALL PROPOSED BMPs NOT PROPOSED ON THIS PLAN OR CONSTRUCTION DOCUMENTS. THE PLAN SHALL BE UPDATE AS CONTROLS ARE PLACED IN THE FIELD.
- THE CONTRACTOR MAY INSTALL TEMPORARY EROSION AND SEDIMENT CONTROL BMPs ON A ROLLING BASIS AS CONSTRUCTION PROCEEDS. NO EARTH DISTURBANCE MAY OCCUR IN AN AREA UNLESS THE BMP ASSOCIATED WITH THE TRIBUTARY AREA IS IN PLACE. THE CONTRACTOR SHALL APPRISE THE CITY OF SUNBURY AND DESIGNER/ENGINEER OF THE ANTICIPATED INSTALLATION RANGE, DATE OF INSTALLED CONTROLS AND LOG THE ACTUAL PLACEMENT RANGE AND DATE ON THE PLAN.
- THE SEDIMENT AND EROSION CONTROL PLAN AS HEREIN DELINEATED IS SUBJECT TO ADJUSTMENT TO ENSURE EROSION CONTROL MEASURES ARE PROPERLY COORDINATED WITH SUCCESSIVE CONSTRUCTION STAGES. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO MINIMIZE THE TOTAL AMOUNT OF AREA DISTURBED AT ONE TIME.
- WATER MAY BE USED FOR DUST CONTROL. USED OIL MAY NOT BE USED FOR DUST CONTROL.
- ALL INSPECTION RECORDS SHALL BE RETAINED FOR AT LEAST THREE (3) YEARS AFTER COMPLETION OF CONSTRUCTION ACTIVITIES.
- DIRECT DISCHARGE OF SEDIMENT LADEN WATER TO THE CITY'S SEWER SYSTEM OR A RECEIVING STREAM IS A VIOLATION OF OHIO EPA AND CITY OF COLUMBUS REGULATIONS. THE CONTRACTOR WILL BE HELD LIABLE FOR THE VIOLATION AND SUBSEQUENT FINES.

THE PUBLIC AGENCY AND/OR PRIVATE CONTRACTOR IS SOLELY RESPONSIBLE FOR ENSURING THAT THE INLET PROTECTION IS ADEQUATE. THE MOST STRINGENT PROJECT PLANS, NOTES AND/OR DRAWINGS INCLUDE STORMWATER POLLUTION PREVENTION PLAN (SWP3) OR SPILL PREVENTION/REMEDATION PLAN SHALL APPLY TO ALL PAVEMENT CUTTING, SAWING OR EXCAVATION OPERATIONS.
- SHOULD THE INSPECTION INDICATE THAT ANY BMP'S REQUIRE MAINTENANCE OR REPAIR, THE CONTRACTOR SHALL REPAIR NON-SEDIMENT POND BMP'S WITHIN THREE (3) DAYS OF INSPECTION AND REPAIR OR CLEAN OUT SEDIMENT PONDS WITHIN FIVE (5) DAYS OF INSPECTION.
- IF THE INSPECTION INDICATES THAT A BMP IS NOT MEETING ITS INTENDED FUNCTION, THE CONTRACTOR SHALL INSTALL A NEW BMP WITHIN THREE (3) DAYS OF INSPECTION.
- SHOULD THE INSPECTION INDICATE ANY MISSING BMP'S REQUIRED TO BE INSTALLED UNDER THIS PLAN, THE CONTRACTOR SHALL INSTALL ANY MISSING BMP'S WITHIN FIVE (5) DAYS OF INSPECTION.
- THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE OHIO EPA GENERAL NPDES PERMIT FOR CONSTRUCTION ACTIVITY AND THE CONSTRUCTION ACTIVITY EROSION AND SEDIMENT CONTROL REQUIREMENTS OF THE CITY OF COLUMBUS STORMWATER DRAINAGE MANUAL. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING COVERAGE UNDER ANY GENERAL NPDES PERMIT AND/OR OBTAINING ANY INDIVIDUAL NPDES PERMIT FOR CONSTRUCTION ACTIVITY UNDER THIS PLAN.
- STREET CLEANING (ON AN AS-NEEDED BASIS) IS REQUIRED THROUGH DURATION OF THIS CONSTRUCTION PROJECT. THIS INCLUDES SWEEPING, POWER CLEANING, AND (IF NECESSARY) MANUAL REMOVAL OF DIRT OR MUD IN THE STREET GUTTERS.
- TEMPORARY SEEDING: PER ODOT ITEM 832 CONSTRUCTION SEEDING AND MULCHING. SEE TABLE 2, SHEET 14.

EROSION CONTROL PLACEMENT NOTES:

- INLET PROTECT SHALL BE PLACED ON ALL CATCH BASINS WITHIN THE WORK LIMITS AND WITHIN ANY ADJACENT DITCH.
- STRAW WATTLES OR FILTER FABRIC FENCE SHALL BE PLACED PARALLEL TO THE EXISTING ROAD BETWEEN THE WORK AREA AND ANY DOWNSTREAM DITCH, STREAM OR DOWNSTREAM LAND.



STRAW WATTLE/FILTER SOCK
NTS

NOTES:

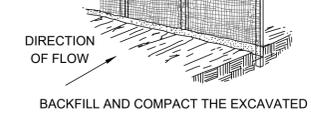
- STRAW WATTLES AND SEDIMENT BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER RAINFALL AND REPAIRS SHALL BE MADE IMMEDIATELY. SHOULD THE BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER IS STILL NEEDED, THE BARRIER SHALL BE REPLACED PROMPTLY. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF OF THE HEIGHT OF THE BARRIER. ANY SEDIMENT DEPOSITS REMAINING IN-PLACE AFTER THE FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.



STEP 1
EXCAVATE A 6"x6" TRENCH ALONG THE PROPOSED FENCE LINE



STEP 2
PLACE FABRIC AND SUPPORT STAKES AND EXTEND FABRIC INTO THE TRENCH



STEP 3
BACKFILL AND COMPACT THE EXCAVATED SOIL

PERIMETER FILTER FABRIC FENCE

MATERIALS:

FURNISH 30" WIDE FILTER FABRIC WITH SOUND WOOD SUPPORTS WITH MAXIMUM ON-CENTER SPACING OF 10'. USE FILTER FABRIC CONFORMING TO 712.09, TYPE C.

CONSTRUCTION:

TRENCH THE FILTER FABRIC FENCE AS DETAILED. THE CONTRACTOR MAY ELECT TO TRENCH THE FENCE DETAILED ON STEPS 1 THROUGH 3 IN ONE PLOWING OPERATION.

PAYMENT:

ITEM 832 - EROSION CONTROL - EACH

MAINTENANCE:

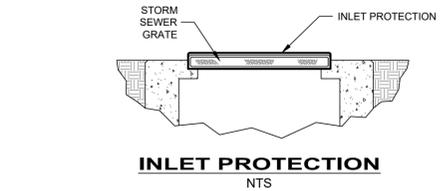
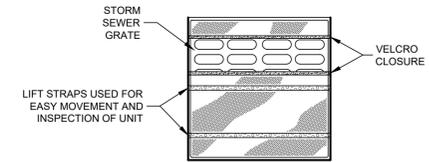
IF RUNOFF OVERTOPS THE FENCE, FLOWS UNDER THE FABRIC, AROUND THE FENCE ENDS, OR IN ANY OTHER WAY ALLOWS CONCENTRATED FLOW TO DISCHARGE, ONE OF THE FOLLOWING MUST BE PERFORMED:

- THE LAYOUT OF THE FENCE SHALL BE CHANGED
- SEDIMENT SHALL BE REMOVED
- ANOTHER BMP SHALL BE INSTALLED

SEDIMENT DEPOSITS SHALL BE ROUTINELY REMOVED OR WHEN THE SEDIMENT REACHES ONE-HALF (1/2) OF THE HEIGHT OF THE FENCE.

FILTER FABRIC FENCE SHALL BE INSPECTED AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONG RAINFALL. THE LOCATION OF THE FENCE SHALL BE REVIEWED DAILY TO ENSURE EFFECTIVENESS.

REPAIRS SHALL BE MADE AS NEEDED TO ENSURE BMP IS PERFORMING AS INTENDED.



INLET PROTECTION
NTS

MATERIALS:

FURNISH INLET PROTECTION CONFORMING TO THE SPECIFICATIONS LISTED ABOVE.

INSTALLATION:

- REMOVE GRATE FROM CATCH BASIN
- PLACE THE EMPTY DANDY BAG UNIT OVER THE GRATE AS THE GRATE STANDS ON END.
- HOLDING THE LIFTING STRAPS INSERT THE GRATE INTO ITS FRAME

PAYMENT:

ITEM 832 - EROSION CONTROL - EACH

MAINTENANCE:

CONTRACTOR SHALL REMOVE ALL SEDIMENT AND DEBRIS FROM THE SURFACE AND VICINITY OF EACH UNIT AFTER EACH RAIN EVENT OR AS DIRECTED.

TO BE USED ON EXISTING AND PROPOSED INLET STRUCTURES

STABILIZED CONSTRUCTION ENTRANCE

MATERIALS:

8" - ITEM 411 STABILIZED CRUSH AGGREGATE. WIDTH = 12 FEET LENGTH = AS NEEDED

INSTALLATION:

- PLACE CONSTRUCTION ENTRANCE

RESTORATION:

- REMOVE CONSTRUCTION ENTRANCE
- RE-GRADE DISTURBED AREA
- APPLY SEEDING AND MULCHING, AS PER PLAN TO DISTURBED AREA

PAYMENT:

ITEM 832 - EROSION CONTROL - EACH

BID SET

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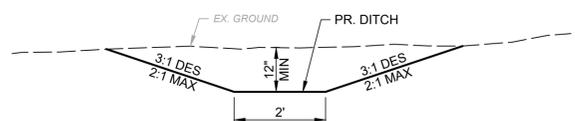
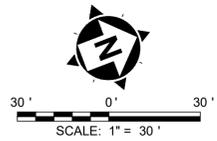
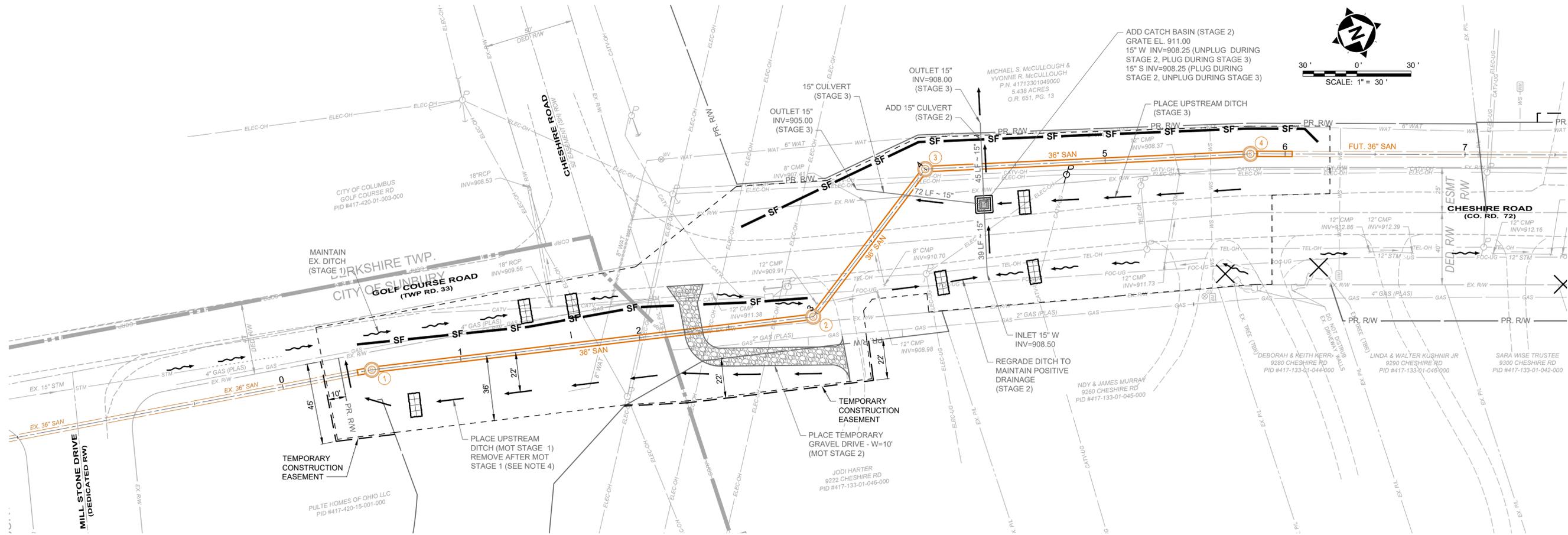
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BID SET	2/4/26	AS SHOWN	EJT	BKU	AF

NO	REVISION	DATE

**LITTLE WALNUT CREEK
INTERCEPTOR SEWER - PHASE 2A
CITY OF SUNBURY, DELAWARE COUNTY, OHIO**

**SEDIMENT & EROSION CONTROL
NOTES & DETAILS**

PROJECT NO.	22000715
DISCIPLINE	CIVIL
SHEET NAME	SEC-DET2
SHEET	OF
11	15



TYPICAL DITCH SECTION
NTS
(SEE NOTE 4)

NOTES:

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES ARE SUBJECT TO FIELD MODIFICATION AT THE DISCRETION OF THE CITY OF SUNBURY, DELAWARE COUNTY AND/OR THE OHIO EPA.
2. ANY EXISTING STORM INLETS IMPACTED BY THE NEW CONSTRUCTION ACTIVITY WILL NEED THE APPROPRIATE INLET PROTECTION FOR SEDIMENT CONTROL.
3. UPPER BANK ABOVE NORMAL WATER ELEVATION SHOULD BE STABILIZED QUICKLY WITH STRAW BLANKETS, JUTE MATTING OR SIMILAR GEO-TEXTILE.
4. CONTRACTOR SHALL GRADE DITCH SO THAT POSITIVE DRAINAGE IS MAINTAINED AND STORMWATER IS KEPT OUT OF THE SANITARY SEWER TRENCH.

EROSION & SEDIMENT CONTROL LEGEND:

- SF PERIMETER FILTER FABRIC FENCE (OR FILTER SOCK / STRAW WATTLE). TO BE PLACED ON LEVEL CONTOURS WITH ENDS UPTURNED
- INLET PROTECTION - DANDY BAG
- FILTER FABRIC DITCH CHECK
- WORK LIMITS
- TEMP. CONSTRUCTION EASEMENT
- PR. GRAVEL DRIVE ITEM 411 - STABILIZED CRUSHED AGGREGATE (T=6")
- EX. DITCH
- PR. DITCH

ESTIMATE OF QUANTITIES		
QTY	UNIT	DESCRIPTION
1	EA	INLET PROTECTION
600	LF	PERIMETER FILTER FABRIC FENCE
6	EA	FILTER FABRIC DITCH CHECK
1	EA	STABILIZED CONSTRUCTION ENTRANCE
800	SY	CONSTRUCTION SEEDING AND MULCHING

THE ABOVE QUANTITIES INCLUDED IN ITEM 832 EROSION CONTROL.

ISSUED FOR:	BID SET	NO	REVISION	DATE
ISSUE DATE:	2/4/26 <td></td> <td></td> <td></td>			
SCALE:	AS SHOWN <td></td> <td></td> <td></td>			
DESIGNED BY:	EJT			
DRAWN BY:	BKU			
CHECKED BY:	AF			

**LITTLE WALNUT CREEK
INTERCEPTOR SEWER - PHASE 2A**
CITY OF SUNBURY, DELAWARE COUNTY, OHIO

**SEDIMENT & EROSION
CONTROL PLAN**

PROJECT NO.	22000715
DISCIPLINE	CIVIL
SHEET NAME	SEC-PLN
SHEET	OF
13	15

ITEM 614, MAINTAINING TRAFFIC, AS PER PLAN:

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE NO MORE THAN 21 CALENDAR DAYS STAGE 1 AND STAGE 3 CONSTRUCTION AND 7 CALENDAR DAYS FOR STAGE 2 CONSTRUCTION. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614 MAINTAINING TRAFFIC, AS PER PLAN FOR USE AS DETERMINED BY THE ENGINEER FOR THE MAINTENANCE OF TRAFFIC.

ITEM 410	TRAFFIC COMPACTED SURFACE, TYPE A OR B	20 CY
ITEM 411	STABILIZED CRUSHED AGGREGATE	25 CY
ITEM 614	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	20 CY
ITEM 616	WATER	5 M. GAL.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DETERMINED BY THE ENGINEER FOR THE MAINTENANCE OF TRAFFIC.

ITEM 611	15" CONDUIT, TYPE B	39 FT
ITEM 611	15" CONDUIT, TYPE C	117 FT
ITEM 611	CATCH BASIN, NO. 2-2B, AS PER PLAN	1 EACH

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS INCLUDING THE PLUGGING AND UNPLUGGING OF CONDUITS, AND THE REMOVAL OF ALL TEMPORARY DRAINAGE ITEMS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, AS PER PLAN.

NOTIFICATION OF TRAFFIC RESTRICTIONS:

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE CITY OF SUNBURY AND DELAWARE COUNTY. THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION TIMEFRAME TABLE		
ITEM	DURATION OF CLOSURE	NOTIFICATION DUE TO PERMITS & PIO
RAMP & ROAD CLOSURES	> = 2 WEEKS	21 BUSINESS DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	14 BUSINESS DAYS PRIOR TO CLOSURE
	< 12 HOURS	4 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	> = 2 WEEKS	14 BUSINESS DAYS PRIOR TO CLOSURE
	< 2 WEEKS	5 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONSTRUCTION & TRAFFIC PATTERN CHANGE	N/A	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE.

DUST CONTROL:

THE CONTRACTOR SHALL FURNISH AND APPLY WATER FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED FOR DUST CONTROL PURPOSES AND ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614 MAINTAINING TRAFFIC, AS PER PLAN.

ITEM 616 - WATER 5 M. GAL.

WORK ZONE MARKINGS:

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614 MAINTAINING TRAFFIC, AS PER PLAN FOR USE AT LOCATIONS IDENTIFIED BY THE ENGINEER FOR WORK ZONE PAVEMENT MARKINGS AND SIGNS PER THE REQUIREMENTS OF C&MS 614.04 AND 614.11.

ITEM 614,	WORK ZONE CENTER LINE, CLASS 1, 4", 642 PAINT	0.25 MILE
ITEM 614,	WORK ZONE EDGE LINE, CLASS 1, 4", 642 PAINT	0.50 MILE

ITEM 614, PORTABLE CHANGEABLE MESSAGE SIGNS, AS PER PLAN:

THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN AND REMOVE, WHEN NO LONGER NEEDED, A CHANGEABLE MESSAGE THE SIGN SHALL BE OF A TYPE SHOWN ON A LIST OF APPROVED PCMS UNITS AVAILABLE ON THE OFFICE OF MATERIALS MANAGEMENT WEB PAGE. THE LIST CONTAINS CLASS A AND B UNITS WITH MINIMUM LEGIBILITY DISTANCES OF 800 FEET AND 650 FEET, RESPECTIVELY.

EACH SIGN SHALL BE TRAILER-MOUNTED AND EQUIPPED WITH A FUNCTIONAL DIMMING MECHANISM, TO DIM THE SIGN DURING DARKNESS, AND A TAMPER AND VANDAL PROOF ENCLOSURE. EACH SIGN SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE ON-SITE PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT. THE SIGN SHALL ALSO BE CAPABLE OF BEING POWERED BY AN ELECTRICAL SERVICE DROP FROM A LOCAL UTILITY COMPANY. THE PCMS SHALL BE DELINEATED IN ACCORDANCE WITH C&MS 614.03.

THE PROBABLE PCMS LOCATIONS AND WORK LIMITS FOR THOSE LOCATIONS ARE SHOWN ON THIS SHEET. PLACEMENT, OPERATION, MAINTENANCE AND ALL ACTIVATION OF THE SIGNS BY THE CONTRACTOR SHALL BE AS DIRECTED BY THE ENGINEER. THE PCMS SHALL BE LOCATED IN A HIGHLY VISIBLE POSITION YET PROTECTED FROM TRAFFIC. THE CONTRACTOR SHALL, AT THE DIRECTION OF THE ENGINEER, RELOCATE THE PCMS TO IMPROVE VISIBILITY OR ACCOMMODATE CHANGED CONDITIONS. WHEN NOT IN USE, THE PCMS SHALL BE TURNED ADDITIONALLY, WHEN NOT IN USE FOR EXTENDED PERIODS OF TIME, THE PCMS SHALL BE TURNED AWAY FROM ALL TRAFFIC.

THE ENGINEER SHALL BE PROVIDED ACCESS TO EACH SIGN UNIT AND SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE ODOT PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT, AND TO REVISE SIGN MESSAGES, IF NECESSARY.

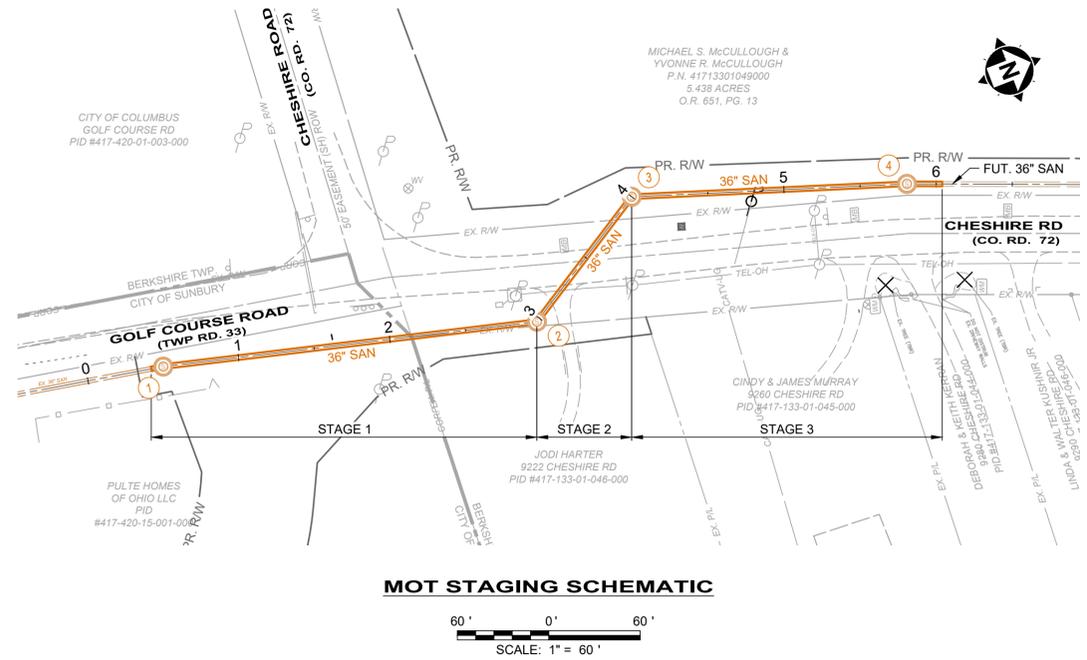
ALL MESSAGES TO BE DISPLAYED ON THE SIGN WILL BE PROVIDED BY THE ENGINEER. A LIST OF ALL REQUIRED PRE-PROGRAMMED MESSAGES WILL BE GIVEN TO THE CONTRACTOR AT THE PROJECT PRECONSTRUCTION CONFERENCE. THE SIGN SHALL HAVE THE CAPABILITY TO STORE UP TO 99 MESSAGES. MESSAGE MEMORY OR PRE-PROGRAMMED DISPLAYS SHALL NOT BE LOST AS A RESULT OF POWER FAILURES TO THE ON-BOARD COMPUTER. THE SIGN LEGEND SHALL BE CAPABLE OF BEING CHANGED IN THE FIELD. THREE-LINE PRESENTATION FORMATS WITH UP TO SIX MESSAGE PHASES SHALL BE SUPPORTED. PCMS FORMAT SHALL PERMIT THE COMPLETE MESSAGE FOR EACH PHASE TO BE READ AT LEAST TWICE.

THE PCMS SHALL CONTAIN AN ACCURATE CLOCK AND PROGRAMMING LOGIC WHICH WILL ALLOW THE SIGN TO BE ACTIVATED, DEACTIVATED OR MESSAGES CHANGED AUTOMATICALLY AT DIFFERENT TIMES OF THE DAY FOR DIFFERENT DAYS OF THE WEEK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR 24-HOUR-PER-DAY OPERATION AND MAINTENANCE OF THESE SIGNS ON THE PROJECT FOR THE DURATION OF THE PHASES WHEN THE PLAN REQUIRES THEIR USE.

PAYMENT FOR THE ABOVE DESCRIBED ITEM SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT, FUELS, LUBRICATING OILS, SOFTWARE, HARDWARE AND INCIDENTALS TO PERFORM THE ABOVE DESCRIBED WORK. THE FOLLOWING ESTIMATED QUANTITY FOR THE ABOVE WORK SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614 MAINTAINING TRAFFIC, AS PER PLAN.

ITEM 614, PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN: 9 SIGN MONTH (ASSUMING 3 PCMS)



CONSTRUCTION SEQUENCE:

PRE-STAGE 1:

1. REMOVE EXISTING SANITARY SEWER AND MANHOLE AS SHOWN ON THE DEMOLITION PLAN.

STAGE 1:

1. CONSTRUCT SANITARY SEWER BETWEEN MANHOLES 1 & 2 AND THE SOUTH STUB USING SCD MT-97.10. AT A MINIMUM, MAINTAIN ONE LANE, TWO-WAY TRAFFIC WITH FLAGGERS. TWO LANE, TWO-WAY TRAFFIC SHALL BE MAINTAINED DURING NON-WORKING HOURS. MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES.
2. CONSTRUCT TEMPORARY DRIVE.

STAGE 2:

1. CLOSE CHESHIRE ROAD TO TRAFFIC BETWEEN THE CHESHIRE ROAD / GOLF COURSE ROAD INTERSECTION AND THE CHESHIRE ROAD / DOMIGAN ROAD INTERSECTION. DETOUR TRAFFIC AS SHOWN ON THE DETOUR MAP ON THE NEXT SHEET. CONSTRUCT SANITARY SEWER BETWEEN MANHOLE 2 AND MANHOLE 3. MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES. MAXIMUM DETOUR TIME SHALL BE 7 CALENDAR DAYS.

STAGE 3:

1. CONSTRUCT SANITARY SEWER BETWEEN MANHOLES 3 & 4 AND THE NORTH STUB USING SCD MT-97.10. AT A MINIMUM, MAINTAIN ONE LANE, TWO-WAY TRAFFIC WITH FLAGGERS. TWO LANE, TWO-WAY TRAFFIC SHALL BE MAINTAINED DURING NON-WORKING HOURS. MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES.

BID SET

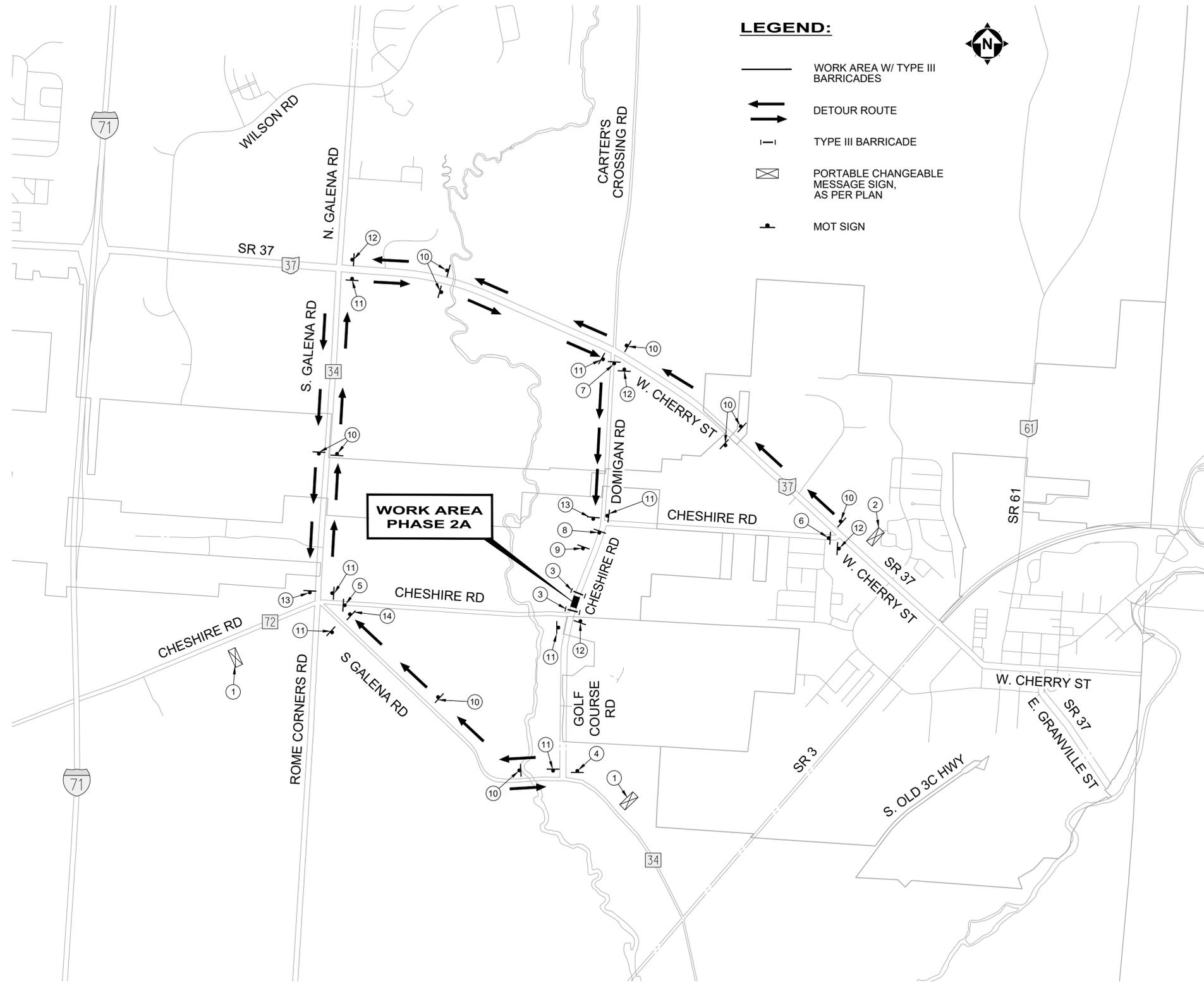
verdantas

ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
BID SET	2/4/26	AS SHOWN	EJT	BKU	AF

**LITTLE WALNUT CREEK
INTERCEPTOR SEWER - PHASE 2A
CITY OF SUNBURY, DELAWARE COUNTY, OHIO**

**MAINTENANCE OF TRAFFIC
NOTES & DETAILS**

PROJECT NO.	22000715
DISCIPLINE	CIVIL
SHEET NAME	MOT-DET
SHEET	OF
14	15



- LEGEND:**
- WORK AREA W/ TYPE III BARRICADES
 - DETOUR ROUTE
 - TYPE III BARRICADE
 - PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN
 - MOT SIGN



SIGN LEGEND:

①		
CHESHIRE RD CLOSED AHEAD <small>P.C.M.S. MESSAGE 1</small>	NORTH OF GOLF COURSE ROAD <small>P.C.M.S. MESSAGE 2</small>	LOCAL TRAFFIC ONLY <small>P.C.M.S. MESSAGE 3</small>
②		
CHESHIRE RD CLOSED AHEAD <small>P.C.M.S. MESSAGE 1</small>	SOUTH OF DOMIGAN ROAD <small>P.C.M.S. MESSAGE 2</small>	LOCAL TRAFFIC ONLY <small>P.C.M.S. MESSAGE 3</small>
③		
ROAD CLOSED R11-2-48 48x60 INSTALLED ON TYPE III BARRICADES AND FLASHING LIGHTS PER SCD MT-101.60 (DUAL MOUNTED)	ROAD CLOSED 0.6 MILES AHEAD LOCAL TRAFFIC ONLY R11-3A-60 60"x30" DETOUR M4-10L-48 48"x18" INSTALLED ON TYPE III BARRICADES AND FLASHING LIGHTS PER SCD MT-101.60 (DUAL MOUNTED)	ROAD CLOSED 1.0 MILES AHEAD LOCAL TRAFFIC ONLY R11-3A-60 60"x30" DETOUR M4-10L-48 48"x18" INSTALLED ON TYPE III BARRICADES AND FLASHING LIGHTS PER SCD MT-101.60 (DUAL MOUNTED)
④		
ROAD CLOSED 1.3 MILES AHEAD LOCAL TRAFFIC ONLY R11-3A-60 60"x30" DETOUR M4-10L-48 48"x18" INSTALLED ON TYPE III BARRICADES AND FLASHING LIGHTS PER SCD MT-101.60 (DUAL MOUNTED)	ROAD CLOSED 1.0 MILES AHEAD LOCAL TRAFFIC ONLY R11-3A-60 60"x30" DETOUR M4-10L-48 48"x18" INSTALLED ON TYPE III BARRICADES AND FLASHING LIGHTS PER SCD MT-101.60 (DUAL MOUNTED)	ROAD CLOSED 0.4 MILES AHEAD LOCAL TRAFFIC ONLY R11-3A-60 60"x30"
⑤		
ROAD CLOSED AHEAD W20-3-36 36"x36"	DETOUR CHESHIRE RD. M4-9C-30 30"x24"	DETOUR CHESHIRE RD. M4-9R-30 30"x24"
⑥		
DETOUR CHESHIRE RD. M4-9L-30 30"x24"	END DETOUR M4-8a-24 24"x18"	DETOUR CHESHIRE RD. M4-9DR-30 30"x24"

MOT STAGE 2 DETOURS
NTS

ISSUED FOR:	BID SET	NO.	REVISION	DATE
ISSUE DATE:	2/4/26			
SCALE:	AS SHOWN			
DESIGNED BY:	EJT			
DRAWN BY:	BKU			
CHECKED BY:	AF			

**LITTLE WALNUT CREEK
INTERCEPTOR SEWER - PHASE 2A
CITY OF SUNBURY, DELAWARE COUNTY, OHIO**

**MAINTENANCE OF TRAFFIC
DETOUR MAP**

PROJECT NO.	22000715
DISCIPLINE	CIVIL
SHEET NAME	MOT-DET
SHEET	OF
15	15