

GENERAL NOTES

GEN 1 THE VILLAGE OF ASHVILLE REQUIREMENTS, TOGETHER WITH THE LATEST EDITION OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION AND THE CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATION, SHALL GOVERN ALL CONSTRUCTION ITEMS, MATERIAL, WORKSMANSHIP, ECT THAT ARE A PART OF THIS PLAN, INFORCE ON THE DATE OF CONTRACT, UNLESS OTHERWISE NOTED. EXCEPT AS SUCH SPECIFICATIONS ARE MODIFIED BY THE FOLLOWING GENERAL NOTES AND/OR SPECIFICATIONS OR BY THE CONSTRUCTION DETAILS SET FORTH HEREIN, THE CONTRACTOR SHALL ALSO CONFORM TO REQUIREMENTS OF THE VILLAGE OF ASHVILLE GENERAL PROVISIONS AND THE STANDARD CITY OF COLUMBUS DETAIL CONSTRUCTION DRAWINGS. IF THERE ARE ANY DISCREPANCIES, THE VILLAGE OF ASHVILLE REQUIREMENTS SHALL GOVERN.

GEN 2 ANY MODIFICATION TO THE SPECIFICATIONS OR CHANGES TO WORK AS SHOWN ON THESE DRAWINGS MUST HAVE PRIOR WRITTEN APPROVAL BY THE VILLAGE ENGINEER.

GEN 3 THE CONTRACTOR OR SUBCONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE, AND LOCAL SAFETY REQUIREMENTS, TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT IS ALSO THE SOLE RESPONSIBILITY OF THE CONTRACTOR OR SUBCONTRACTOR TO INITIATE, MAINTAIN, AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS, AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR OR SUBCONTRACTOR SHALL ALSO ABIDE BY ALL ORDINANCES OF THE VILLAGE OF ASHVILLE, OHIO.

GEN 4 PRIOR TO BIDDING THE CONTRACTOR SHALL, BY PERSONAL EXAMINATION, SATISFY THEMSELVES AS TO THE LOCATION OF THE PROPOSED WORK AND TO ACQUAINT THEMSELVES THOROUGHLY WITH THE EXISTING CONDITIONS AND THE DIFFICULTIES THAT ARE LIKELY TO BE ENCOUNTERED IN THE PERFORMANCE OF THE PROPOSED WORK. THIS IS ESPECIALLY TRUE WITH REGARD TO ANY REMOVAL ITEMS.

GEN 5 ALL WORK SHALL BE COMPLETELY ACCEPTABLE TO THE VILLAGE OF ASHVILLE OFFICIALS. NO WORK SHALL BE COMMENCED UNTIL ARRANGEMENTS HAVE BEEN MADE WITH THE VILLAGE OF ASHVILLE ENGINEER FOR INSPECTION, NECESSARY LINE AND GRADE STAKING WILL BE PROVIDED BY THE DEVELOPER. CUT SHEETS SHALL BE SUBMITTED AND APPROVED BY THE VILLAGE PRIOR TO THE BEGINNING OF CONSTRUCTION.

GEN 6 PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS NECESSARY TO COORDINATE AND PROVIDE FULL-TIME INSPECTION SERVICE BY THE VILLAGE FOR THE PROPOSED WORK. COST OF INSPECTION SHALL BE PAID FOR BY THE DEVELOPER.

GEN 7 THE CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO THE VILLAGE OF ASHVILLE ENGINEERING DEPARTMENT AT LEAST SEVEN (7) DAYS PRIOR TO ANY CONSTRUCTION.

GEN 8 THE CONTRACTOR OR DEVELOPER SHALL SECURE AND PAY FOR ALL NECESSARY PERMITS AND GOVERNMENT FEES, LICENSES, AND INSPECTIONS FOR THE PROPER EXECUTION AND COMPLETION OF THE IMPROVEMENTS SHOWN ON THE PLANS PRIOR TO CONSTRUCTION. ALL PERTINENT STANDARD CONSTRUCTION DRAWINGS ARE AVAILABLE UPON REQUEST OF THE OFFICE OF THE VILLAGE ENGINEER.

GEN 9 THE CONTRACTOR SHALL NOTIFY ALL OF THE AFFECTED PROPERTY OWNERS AT LEAST TWO (2) WEEKS PRIOR TO THE SCHEDULED COMMENCEMENT OF WORK ON THE JOB SITE. THIS LETTER SHALL STATE THE DATE CONSTRUCTION IS TO BEGIN AND THAT RESIDENT SHOULD REMOVE ANY ITEMS, EXAMPLE: SHRUBS, SPOT LIGHTS, FENCES, STONES OR BRICKS, WHICH MAY FALL WITHIN THE WORK LIMITS. THE LETTER SHOULD ALSO CONTAIN THE NAME AND A TWENTY-FOUR (24) HOUR PHONE NUMBER OF A CONTACT, FROM THE CONTRACTOR'S FIRM, WHO COULD BE CONTACTED IN CASE OF EMERGENCY. THIS LETTER, FOR CONVENIENCE PURPOSES, SHALL CONTAIN A PHONE NUMBER FOR ALL LOCAL LAW ENFORCEMENT AGENCIES AND FIRE SAFETY FORCES.

GEN 10 EXISTING UTILITIES SHOWN ARE FROM BEST AVAILABLE RECORDS AND FIELD INVESTIGATION, AND ARE NOT NECESSARILY COMPLETE OR EXACT. THE CONTRACTOR IS RESPONSIBLE FOR THE INVESTIGATION, LOCATION, SUPPORT, PROTECTION AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES WHETHER SHOWN OR NOT. THE CONTRACTOR SHALL VERIFY ALL UTILITIES OR STRUCTURES PRIOR TO CONSTRUCTION TO VERIFY THE VERTICAL AND HORIZONTAL EFFECT OF THE PROPOSED CONSTRUCTION, AND SHALL MAKE ADJUSTMENTS IN ELEVATIONS AS DIRECTED BY THE VILLAGE ENGINEER TO PROVIDE SUFFICIENT CLEARANCE BETWEEN THE PROPOSED AND EXISTING UTILITIES. THE CONTRACTOR SHALL CONTACT THE OHIO UTILITIES PROTECTION SERVICE (OUPS) AT 1-800-362-2764 THREE (3) WORKING DAYS PRIOR TO WORK IN THE VICINITY OF THEIR UNDERGROUND LINES AND ACCORDING TO 153.64, OHIO REVISED CODE (ORC) SHALL NOTIFY ALL UTILITY COMPANIES AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO WORK IN THE VICINITY OF THEIR UNDERGROUND LINES.

GEN 11 THE FOLLOWING UTILITIES AND OWNERS ARE LOCATED WITHIN THE WORK LIMITS OF THIS PROJECT AND DO SUBSCRIBE TO A REGISTERED UNDERGROUND UTILITY SERVICES:

VERIZON
500 LANCASTER PIKE
CIRCLEVILLE, OHIO 43113
(740) 474-5033

COLUMBIA GAS TRANSMISSION
1440 MCNAUGHTON ROAD
COLUMBIA, OH 43232

SOUTH CENTRAL POWER COMPANY
2780 COONPATH ROAD, NE
LANCASTER, OHIO 43130
(614) 653-4422

AMERICAN ELECTRIC POWER
1320 SUGAR GROVE ROAD
LANCASTER, OHIO 43130
(740) 689-4700

TIME WARNER COMMUNICATIONS
315 GRANVILLE PIKE
LANCASTER, OHIO 43130
(740) 635-9685

SBC
140 WEST WHEELING STREET
OHIO COLUMBIA 43130
(740) 687-6696

COLUMBIA GAS OF OHIO
843 PLATT AVENUE
CHILLICOTHE, OHIO 45601
(614) 772-9224

VILLAGE OF ASHVILLE SERVICE DEPARTMENT
160 CHERRY STREET
ASHVILLE, OHIO 43103
(740) 983-4053
(WATERLINE, SANITARY SEWER & STORM SEWER ONLY)
400 EAST STATION STREET,
ASHVILLE OHIO 43103
(740) 983-6367

GEN 12 THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, THE INFORMATION TAKEN IN THE FIELD. THE CONTRACTOR IS NOT TO RELIES ON AS BEING EXACT OR COMPLETE. THE VILLAGE OF ASHVILLE AND/OR ENGINEER ASSUMES NO RESPONSIBILITY AS TO THE ACCURACY OR DEPTHS OF THE UNDERGROUND FACILITIES AS SHOWN ON THE PLANS. THE CONTRACTOR MUST CALL APPROPRIATE UTILITY COMPANY AT LEAST SEVEN (7) DAYS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY FOR THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

GEN 13 THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE RELOCATION OF ANY UTILITIES AS REQUIRED BY THE PLAN WITH THE OWNER OF THE AFFECTED UTILITY.

GEN 14 WHERE POTENTIAL GRADE CONFLICTS MIGHT OCCUR WITH EXISTING UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO UNCOVER SUCH UTILITIES SUFFICIENTLY IN ADVANCE OF LAYING PIPE OR DUCT IN ORDER THAT THE ENGINEER MAY DETERMINE THE EXACT ELEVATION AND MAKE ANY NECESSARY ADJUSTMENTS. COST OF THE ABOVE SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS ITEMS IN THE CONTRACT.

GEN 15 ALL MATERIALS INCLUDING PIPING, APPURTENANCES, MANHOLES, GRAVEL, ETC. TO BE UTILIZED FOR DEDICATED PUBLIC UTILITIES OR ROADWAYS MUST BE APPROVED BY THE VILLAGE OF ASHVILLE ENGINEER.

GEN 16 ALL FIELD TILES BROKEN DURING EXCAVATION SHALL BE REPLACED BY THE CONTRACTOR TO ORIGINAL CONDITION OR CONNECTED TO THE CURB SUB DRAIN OR TO THE STORM SEWER SYSTEMS AS DIRECTED BY THE ENGINEER.

GEN 17 TWENTY-FOUR (24) HOUR ADVANCE NOTIFICATION IS REQUIRED FOR ALL WORK REQUIRING INSPECTION, TESTING, OR APPROVAL BY THE VILLAGE ENGINEER OR BUILDING DEPARTMENTS.

GEN 18 THE CONTRACTOR SHALL REPAIR OR REPLACE ANY AND ALL EXISTING WORK DAMAGED DURING OR DUE TO THE EXECUTION OF THIS CONTRACT TO EQUAL OR BETTER CONDITION PRIOR TO THE DAMAGE, AT THEIR OWN EXPENSE. ALL SAID WORK TO BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE DEVELOPER'S ENGINEER AND VILLAGE OF ASHVILLE ENGINEER. ANY DAMAGE TO OTHER UTILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE APPROPRIATE UTILITY COMPANY AT THE CONTRACTOR'S EXPENSE.

GEN 19 CARE SHALL BE EXERCISED WHEN WORKING THE AREA AROUND EXISTING TREES AND SHRUBS. ANY TREES OR SHRUBS NOT MARKED FOR REMOVAL THAT ARE DAMAGED BY THE CONTRACTOR WILL HAVE TO BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER.

GEN 20 ANY PROPERTY CORNER PINS OR PERMANENT SURVEY MARKERS DISTURBED DURING CONSTRUCTION SHALL BE RESET BY A REGISTERED SURVEYOR AT THE CONTRACTOR'S EXPENSE.

GEN 21 EXISTING STRUCTURES TO BE REMOVED OR DEMOLISHED REQUIRE A "DEMOLITION PERMIT" ISSUED BY THE VILLAGE OF ASHVILLE ENGINEER.

GENERAL NOTES (CONTINUED)

GEN 22 THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING MAIL SERVICE IN THE CONSTRUCTION AREA.

GEN 23 THE CONTRACTOR SHALL NOT ORDER MATERIAL OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

GEN 24 ALL ITEMS OF WORK CALLED FOR ON THE PLANS FOR WHICH NO SPECIFIC METHOD OF PAYMENT IS PROVIDED SHALL BE PERFORMED BY THE CONTRACTOR AND THE COST OF IT SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS RELATED ITEMS.

GEN 25 ALL EXCAVATION ON THIS PROJECT IS UNCLASSIFIED. THE CONTRACTOR SHALL MAKE ALL EXCAVATION OF WHATEVER NATURE NECESSARY FOR CONSTRUCTION OF WATER LINES AND SEWERS AND THEIR APPURTENANT STRUCTURES INCLUDED IN THIS PROJECT.

GEN 26 APPROVALS OF CONSTRUCTION PLANS IS CONTINGENT ON ALL EASEMENTS REQUIRED FOR THE CONSTRUCTION OF THE WORK BEING SECURED AND SHOWN ON THE FINAL PLAT FOR RECORDING. NO WORK THAT REQUIRES AN EASEMENT WILL BE ALLOWED TO PROCEED UNTIL THIS HAS BEEN DONE.

GEN 27 TWENTY-FOUR (24) HOUR ADVANCE NOTIFICATION IS REQUIRED FOR ALL WORK REQUIRING INSPECTION, TESTING, OR APPROVAL BY THE VILLAGE ENGINEER OR BUILDING DEPARTMENTS.

GEN 28 THE CONTRACTOR IS RESPONSIBLE TO NOTIFY THE VILLAGE ENGINEER AND REQUEST A FINAL PUNCH-OUT INSPECTION OF THE SITE ONCE ALL OF THE ITEMS ON THE APPROVED DEVELOPMENT PLANS HAS BEEN COMPLETED.

GEN 29 THE CONTRACTOR SHALL SUFFICIENTLY EXPOSE EACH UTILITY OR STRUCTURE INDICATED ON THE PLANS IN ADVANCE OF EXCAVATING TO DETERMINE IF A GRADE CONFLICT OCCURS. LOCATIONS SHOWN ARE APPROXIMATE ONLY. OTHER UTILITIES NOT MARKED MAY ALSO REQUIRE EXPOSING.

GEN 30 THE DEVELOPER IS RESPONSIBLE FOR HAVING "AS-BUILT" CONSTRUCTION DRAWINGS SENT TO THE VILLAGE ENGINEER AFTER THE PROJECT HAS BEEN COMPLETED. THE PLANS MUST INCLUDE TOP-OF-CASTING AND FLOW-LINE ELEVATIONS FOR ALL SANITARY AND STORM STRUCTURES AND IDENTIFY ALL FIELD MODIFICATIONS TO THE APPROVED PLAN SET. THE "AS BUILT" DRAWINGS MUST ALSO INCLUDE STATE PLANE COORDINATES FOR ALL NEWLY CONSTRUCTED PUBLIC UTILITY STRUCTURES.

GEN 31 ACCESS TO ALL ADJOINING PROPERTIES SHALL BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE SHOWN ON THE DRAWINGS.

GEN 32 ALL SITE CLEARING SHALL BE PERFORMED BY THE OWNER AT HIS EXPENSE PRIOR TO CONSTRUCTION OF THIS PROJECT SUBJECT TO COMPLIANCE WITH THE VILLAGE OF ASHVILLE ZONING CODE.

GEN 33 ALL TREES, EITHER STANDING OR FALLEN, AND STUMPS WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED UNDER THE LUMP SUM BID FOR ITEM 201, CLEARING AND GROUBING UNLESS DIRECTED OTHERWISE.

GEN 34 AT ALL UTILITY CROSSINGS, THE BACKFILL SHALL CONSIST OF COMPACTED GRANULAR MATERIAL IN ACCORDANCE WITH C.M.S.C. ITEM 912 BETWEEN THE DEEPER AND SHALLOWER PIPE. WHERE PROPOSED UTILITIES OR SERVICES CROSS PROPOSED OR EXISTING PAVEMENT AREAS, BACKFILL SHALL BE COMPACTED GRANULAR MATERIAL IN ACCORDANCE WITH C.M.S.C. ITEM 912 EXTENDING AT LEAST THREE (3) FEET BEYOND THE BACK OF CURB OR EDGE OF PAVEMENT. THE COST IS TO BE INCLUDED IN THE PRICE BID FOR RELATED PIPE, C.M.S.C. ITEM 912 MAY BE SUBSTITUTED.

GEN 35 IN THE EVENT THAT IT BECOMES NECESSARY, THE VILLAGE OF ASHVILLE SHALL PERFORM WORK OF AN IMMEDIATE NATURE REQUIRED OF THE CONTRACTOR BY THIS CONTRACT BECAUSE OF THE FAILURE OR REFUSAL OF THE CONTRACTOR TO PERFORM-SUCH WORK, THE CONTRACTOR SHALL REIMBURSE THE VILLAGE OF ASHVILLE AT THE RATE OF 2.5 TIMES THE ACTUAL COST OF LABOR, MATERIALS AND EQUIPMENT NECESSARY TO PERFORM SUCH WORK. THE VILLAGE OF ASHVILLE SHALL BE REIMBURSED BY THE CONTRACTOR IN THE AMOUNT ATTEMPT TO NOTIFY THE DESIGNATED REPRESENTATIVE OF THE CONTRACTOR OF THE NECESSITY TO PERFORM SUCH WORK. IN THE EVENT OF AN EMERGENCY, NO NOTIFICATION IS REQUIRED. IF THE CONTRACTOR REFUSES OR FAILS WITHIN A REASONABLE TIME TO PERFORM OR CAUSE THE PERFORMANCE OF SUCH WORK, THE VILLAGE OF ASHVILLE SHALL BE REIMBURSED BY THE CONTRACTOR IN THE AMOUNT PROVIDED HEREIN. REASONABLE TIME FOR ALL STREETS INVOLVED ON THIS CONTRACT IS ONE (1) HOUR FROM THE TIME OF NOTIFICATION BY THE VILLAGE OF ASHVILLE.

GEN 36 PRIOR TO THE CONSTRUCTION OF THE STREETS, SOIL TESTS SHALL BE MADE ON ALL SANITARY SEWER AND DESIGNATED STORM SEWER TRENCHES WHICH CROSS PROPOSED PAVEMENTS OR WHICH LIE SUCH THAT THE PROPOSED PAVEMENTS ARE LOCATED WITHIN ANY PART OF THE INFLUENCE LINE OF SAID TRENCH. WHERE SAID RESULTS INDICATED THAT THE TRENCH BACKFILL DOES NOT MEET THE COMPACTION REQUIREMENTS OF 912.03 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS, ALL BACKFILL MATERIAL SHALL BE REMOVED, REPLACED AND RE-TESTED UNTIL COMPACTION MEETS REQUIREMENTS OF 912.03.

GEN 37 ALL SIDEWALKS, CURB ROMPS, AND CURBS AND GUTTERS SHALL MEET FEDERAL A.D.A. (AMERICANS WITH DISABILITIES ACT) REQUIREMENTS, LATEST EDITION.

GEN 38 ANY EXISTING PAVEMENT REMOVED FOR SANITARY SEWER, STORM SEWER OR WATERLINE PLACEMENT SHALL BE BACKFILLED AND COMPACTED TO A MAXIMUM DENSITY OF 100X OR WITH CONTROLLED DENSITY FILL (CDF), REFERENCE CITY OF COLUMBUS ITEM 912 OR 636. IF CDF IS USED ALL DUCTILE OR COST IRON PIPE IN CONTACT WITH CDF SHALL BE POLY-WRAPPED IN ACCORDANCE WITH C-7484 OR AWWA C-105.

GEN 39 ANY TUNNELING OR BORING OF ANY PIPELINES SHALL BE IN ACCORDANCE WITH PLANS APPROVED BY THE VILLAGE ENGINEER.

GEN 40 DURING THE CONSTRUCTION OF THE IMPROVEMENTS SHOWN ON THESE PLANS, SEDIMENTATION AND EROSION CONTROL SHALL BE CONTROLLED IN ACCORDANCE WITH APPLICABLE STATE AND FEDERAL REGULATIONS. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING EROSION AND SEDIMENT CONTROL IN ACCORDANCE WITH EPA STANDARDS WHERE NEEDED FOR THE DURATION OF THE PROJECT. ALL COSTS ASSOCIATED WITH SEDIMENTATION AND EROSION CONTROL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PIPE.

GEN 41 THE CONTRACTOR SHALL, PRIOR TO BIDDING, CAREFULLY STUDY THE GEOTECHNICAL REPORT, AS PROVIDED AS A PART OF THE BID DOCUMENTS, AND MAKE SITE VISITS TO SATISFY HIMSELF OF THE SITE CONDITIONS. THE CONTRACTOR SHALL, AS A PART OF HIS BID, SUBMIT A DETAILED DEWATERING PLAN THAT SHALL INCLUDE THE NUMBER AND SPACING OF WELL POINTS, THE SIZE OF PUMPS TO BE USED, THE POINTS OF DISCHARGE OF SAID DEWATERING OPERATIONS, AND ANY OTHER INFORMATION PERTINENT TO THE DEWATERING OF THE PROJECT. NO EXTRA PAYMENT SHALL BE MADE FOR DEWATERING. ALL COSTS FOR DEWATERING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ASSOCIATED ITEMS. BY SUBMITTING A BID THE CONTRACTOR IS STATING THAT HE CLEARLY UNDERSTANDS THE SCOPE OF THE DEWATERING FOR THE PROJECT AND HAS INCLUDED THIS WORK IN HIS UNIT PRICE BID FOR ASSOCIATED ITEMS.

GEN 42 THE CITY OF COLUMBUS STANDARD DRAWINGS SHALL GOVERN ALL PROJECTS UNLESS OTHERWISE NOTED.

GEN 43 THE CONTRACTOR SHALL CLEAN UP-- ALL DEBRIS AND MATERIALS RESULTING FROM HIS OPERATIONS AND RESTORE ALL SURFACES, STRUCTURES, DITCHES, AND PROPERTY TO ITS ORIGINAL CONDITION TO THE SATISFACTION OF THE ENGINEER.

GEN 44 THE CONTRACTOR SHALL CONFINE HIS ACTIVITIES TO THE PROJECT SITE UNDER DEVELOPMENT OR THE EXISTING RIGHT-OF-WAYS, CONSTRUCTION, AND PERMANENT EASEMENTS AND SHALL NOT TRESPASS UPON OTHER PRIVATE PROPERTY WITHOUT THE WRITTEN CONSENT OF THE OWNER.

GEN 45 THE CONTRACTOR SHALL DISPOSE OF ALL SURPLUS EXCAVATION OFF-SITE OR MOUND FOR FUTURE SECTIONS MOUNDED MATERIAL SHALL BE DRESSED-UP, STABILIZED AND SEEDED ACCORDING TO SPECIFICATIONS. MOUNDS SHALL NOT EXCEED TO THE HEIGHT AND SHALL NOT INTERFERE WITH SITE DRAINAGE.

GEN 46 THE INFORMATION SHOWN CONCERNING EXISTING UTILITIES IS NOT REPRESENTED, WARRANTED, OR GUARANTEED TO BE COMPLETE OR ACCURATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PHYSICALLY LOCATE AND VERIFY, IN THE FIELD, ALL UTILITY LOCATIONS AND ELEVATIONS, WHETHER SHOWN ON THE PLAN OR NOT, PRIOR TO THE BEGINNING OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL SUPPORT, PROTECT, AND RESTORE ALL EXISTING UTILITIES AND THEIR ASSOCIATED ITEMS.

GEN 47 COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 IS REQUIRED OF ALL CONTRACTORS ON THIS PROJECT.

GEN 48 WHERE MANHOLES ARE LOCATED WITHIN STREET GRADING LIMITS, THE TOPS SHALL BE BUILT TO ELEVATIONS SHOWN OR ORDERED. ELSEWHERE MANHOLES SHALL BE BUILT OR SUBSEQUENT ADJUSTED TO MEET SURFACE GRADES ESTABLISHED FOR THE DEVELOPMENT. THE COST OF THE ADJUSTMENT IS TO BE INCLUDED IN THE PRICE BID FOR THE MANHOLE.

GEN 49 THE CONTRACTOR SHALL CLEAN UP ALL DEBRIS AND MATERIAL RESULTING FROM HIS OPERATION AND RESTORE ALL OTHER SURFACES, STRUCTURES, DITCHES, ON PUBLIC AND ADJACENT PROPERTY TO THERE ORIGINAL CONDITIONS TO THE SATISFACTION OF THE ENGINEER AND THE DEVELOPER'S PROPERTY TO THEIR SATISFACTION. ALL COSTS FOR THIS WORK SHALL BE INCLUDED WITH THE PRICE BID FOR THE VARIOUS ITEMS.

ROADWAY NOTES

RDW 1 ALL PAVEMENT SUB-GRADE SHALL BE CONSTRUCTED IN ACCORDANCE WITH ITEM 203 OF THE CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS. THE SOILS REPORT AND AS DIRECTED BY THE REGISTERED SOILS ENGINEER PRESENT ON THE SITE. SECTION 203.12 SHALL BE MODIFIED SUCH THAT ALL COMPACTION SHALL BE TO ONE HUNDRED (100) PERCENT OF THE MAXIMUM DRY UNIT WEIGHT OBTAINED IN THE LABORATORY BY THE "STANDARD PROCTOR" COMPACTION TEST (ASTM D698). MOISTURE CONTENT OF THE NEW FILL SHALL BE IN RANGE OF + TWO (2) PERCENT OF THE OPTIMUM MOISTURE CONTENT DETERMINED BY AST D698.

RDW 2 PRIOR TO CONSTRUCTION OF THE STREETS, SOIL TESTS SHALL BE MADE ON ALL SANITARY SEWER AND DESIGNATED STORM SEWER TRENCHES WHICH CROSS PROPOSED PAVEMENTS OR WHICH LIE SUCH THAT THE PROPOSED PAVEMENTS ARE LOCATED WITHIN ANY PART OF THE INFLUENCE LINE OF SAID TRENCH. WHERE SAID RESULTS INDICATE THAT THE TRENCH BACKFILL DOES NOT MEET THE COMPACTION REQUIREMENTS OF 912.03 (MINIMUM OF 100 % OF MAXIMUM LABORATORY DENSITY) OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS, ALL BACKFILL MATERIAL SHALL BE REMOVED, REPLACED, AND RE-TESTED UNTIL COMPACTION MEETS SAID REQUIREMENTS OF 912.03.

RDW 2 ALL PAVEMENT JOINTS, PARTICULARLY WHERE A PROPOSED PAVEMENT ABUTS AN EXISTING PAVEMENT, AND ALL PAVEMENT JOINTS ABUTTING UTILITY STRUCTURES SUCH AS MANHOLES, CATCH BASINS, VALVE BOXES, ETC. SHALL BE SEALED IN ACCORDANCE WITH ITEM 413 TYPE (1) OF THE CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS.

RDW 3 THE CONTRACTOR SHALL CONTACT THE COLUMBIA GAS OF OHIO, INC. OPERATIONS SUPERVISOR AT 614-818-2109 ONE (1) WEEK PRIOR TO ROADWAY CONSTRUCTION FOR THE DELIVERY OF PVC GAS SLEEVES OR COLUMBUS SOUTHERN POWER COMPANY ENGINEERING LIAISON COORDINATOR AT 614-464-7379 FOR ELECTRIC CONDUIT SLEEVES.

RDW 4 AT THE OPTION OF THE DEVELOPER OR THE VILLAGE, THE PLACEMENT OF THE FINAL WEARING COURSE OF ITEM 404 ASPHALT CONCRETE MAY BE DELAYED UNTIL SUCH TIME THAT THE MAJORITY OF THE RESIDENTIAL HOUSING CONSTRUCTION IN THE AREA IS COMPLETE OR WEATHER PERMITS.

RDW 5 WEARING COURSE OF ASPHALT CONCRETE IS TO MEET CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATION ITEM 404 AND ADDITIONAL MIX DESIGN REQUIREMENTS OF THE VILLAGE OF ASHVILLE.

RDW 6 PAVEMENT CUTS FOR UTILITY LINE INSTALLATIONS ARE SUBJECT TO THE BACKFILL REQUIREMENTS OF ITEM 912 IN LIEU OF COMPACTED GRANULAR MATERIAL, FLOWABLE CONTROLLED DENSITY FILL, ITEM 636 TYPE-11 MAY BE USED. PAVEMENT SHALL BE CONSTRUCTED TO MATCH THE EXISTING STREET OR NINE INCHES OF ITEM 404 ASPHALT CONCRETE, WHICHEVER IS GREATER. AS AN OPTION, THE CONCRETE BASE EXTENDING ONE (1) FOOT BEYOND EITHER EDGE OF THE EXCAVATION, WITH TWO (2) INCHES OF ITEM 404 ASPHALT WEARING COURSE PLACED ON TOP.

RDW 7 STEEL PLATES SHALL BE POSITIONED AND SECURED IN PLACE WITH STEEL SPIKES AND COLD PATCH ASPHALT MIX OVER ALL TRENCHES THAT ARE LEFT OPEN ON A TEMPORARY BASIS AND SUBJECT TO TRAFFIC.

RDW 8 VILLAGE STREETS ARE TO BE KEPT CLEAN AND FREE FROM MUD, STONE, DIRT, ETC. A TEMPORARY CONSTRUCTION ENTRANCE COMPRISED OF A 20' X 50' MAT OF NUMBER 2 STONE IS TO BE MAINTAINED AT ALL SITE ENTRANCES.

RDW 9 CONCRETE CURBS ARE TO BE BRANDED DURING PLACEMENT UTILIZING THE STANDARD BRAND SET PROVIDED BUY THE VILLAGE OF ASHVILLE ENGINEER. BRAND CURBS ARE AS FOLLOWS:

"S" - ON TOP OF CURB FOR SANITARY LATERAL LOCATIONS
"W" - ON FACE OF CURB FOR WATER VALVE BOX LOCATIONS.
"WV" - ON FACE OF CURB FOR HYDRANT WATER VALVE LOCATIONS.
"WM" - ON FACE OF CURB FOR WATER MAIN VALVE LOCATIONS.
BRANDS THAT ARE MISSED MUST BE MECHANICALLY GROUNDED INTO CURB AFTER THE CONCRETE IS SET.

RDW 10 THE COMBINATION CURB AND GUTTER SHALL BE PLACED CONTINUOUSLY. DRIVEWAY KNOCK DOWNS SHALL BE SAW-CUT AT THE TIME EACH INDIVIDUAL RESIDENT IS CONSTRUCTED.

RDW 11 MONUMENT BOXES SHALL BE INSTALLED AT INTERSECTIONS DESIGNATED ON THE PLAN. BOXES SHALL BE NEENAH R-1968, TYPE 36-8 OR EAST JORDAN IRON WORKS NUMBER 8371. MONUMENTS ARE TO BE SET IN A CONCRETE FILLED TWENTY-FOUR (24) INCH DIAMETER CORED HOLE, FLUSH WITH THE TOP OF THE PAVEMENT PER VILLAGE STANDARD.

RDW 12 ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED, AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THE "OHIO MANUAL OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION AND MAINTENANCE OPERATIONS" COPIES OF WHICH ARE AVAILABLE FROM THE OHIO DEPARTMENT OF TRANSPORTATION, BUREAU OF TRAFFIC, 1980 WEST BROAD STREET, COLUMBUS, OHIO 43223.

RDW 13 LANE RESTRICTIONS OR CLOSURES REQUIRED DURING CONSTRUCTION MUST BE APPROVED BY THE VILLAGE OF ASHVILLE ENGINEER AND SERVICE DEPARTMENTS A MINIMUM OF TWO (2) WEEKS PRIOR TO ANY WORK BEING PERFORMED. OTHERWISE, TRAFFIC LANES SHALL BE FULLY OPEN TO TRAFFIC AT ALL TIMES AND INGRESS AND EGRESS SHALL BE MAINTAINED TO PUBLIC AND PRIVATE PROPERTY.

RDW 14 THE CONTRACTOR/DEVELOPER IS RESPONSIBLE FOR THE PROVISION AND SCHEDULING OF PERSONNEL FOR CONCRETE, ASPHALT, AND SOILS TESTING PROCEDURES AS REQUIRED BY THE VILLAGE ENGINEER. TESTING IS TO BE PERFORMED BY REGISTERED TESTING PROCEDURES AS REQUIRED BY THE VILLAGE ENGINEER. TESTING IS TO BE PERFORMED BY A REGISTERED TESTING AGENCY THAT IS APPROVED BY THE VILLAGE ENGINEER.

RDW 15 THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR THE PHYSICAL CONSTRUCTION ONLY. THE INSTALLATION AND OPERATION OF ALL WORKING TRAFFIC CONTROL DEVICES SHALL BE PROVIDED WHETHER INSIDE OR OUTSIDE OF THE WORK LIMITS BY THE CONTRACTOR IN ACCORDANCE WITH THE OHIO MANUAL OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION AND MAINTENANCE OPERATIONS (CURRENT EDITION). COPIES OF WHICH ARE AVAILABLE FROM THE OHIO DEPARTMENT OF TRANSPORTATION, OFFICE OF TRAFFIC ENGINEERING.

RDW 16 THE TRACKING OF SPILLAGE OF MUD, DIRT OR DEBRIS UPON VILLAGE STREETS IS PROHIBITED AND ANY SUCH OCCURRENCE SHALL BE CLEANED UP IMMEDIATELY BY THE CONTRACTOR.

RDW 17 NO NON-RUBBER TIRE VEHICLE SHALL BE MOVED ON VILLAGE STREETS. EXCEPTIONS MAY BE GRANTED BY AN AUTHORIZED VILLAGE OFFICIAL WHERE SHORT DISTANCES AND SPECIAL CIRCUMSTANCES ARE INVOLVED. GRANTING OF EXCEPTIONS MUST BE IN WRITING AND ANY RESULTING DAMAGE MUST BE REPAIRED TO THE SATISFACTION OF THE VILLAGE.

RDW 18 STEADY BURNING TYPE "C" LIGHTS SHALL BE REQUIRED ON ALL BARRICADES, DRUMS AND SIMILAR TRAFFIC DEVICES IN USE AT NIGHT. CONES ARE NOT PERMITTED TO BE USED FOR NIGHT WORK.

RDW 19 ALL TRAFFIC LANES SHALL BE FULLY OPEN TO TRAFFIC FROM 7:00 A.M. TO 9:00 A.M. AND 4:00 P.M. TO 8:00 P.M., UNLESS OTHERWISE APPROVED BY THE VILLAGE. ONE LANE MAY BE CLOSED TO TRAFFIC DURING WORKING HOURS, DURING SANITARY SEWER BORING OPERATION.

RDW 20 TEMPORARY PAVEMENT REPLACEMENT SHALL BE PROVIDED ON PERMANENT PAVEMENTS DAMAGED OR REMOVED BY THE CONTRACTOR IN THE PERFORMANCE OF THE WORK TO LIMITS SHOWN ON THE PLANS OR ORDERED BY THE ENGINEER. AS SOON AS THE TRENCH HAS BEEN BACKFILLED, TEMPORARY PAVEMENT SHALL BE INSTALLED. THE ENGINEER MAY REQUIRE THAT ALL MATERIALS AND EQUIPMENT INCIDENTAL TO PROVIDING THE TEMPORARY PAVEMENT BE ON THE JOB SITE PRIOR TO REMOVING THE EXISTING PAVEMENT. THE TEMPORARY PAVEMENT SHALL CONSIST OF 2 INCHES OF COMPACTED BITUMINOUS MATERIAL ITEM 301 CMSC PLACED UPON 6 INCHES OF COMPACTED ITEM 304, CMSC AGGREGATE BASE. TEMPORARY PAVEMENT SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL PERMANENT PAVEMENT IS INSTALLED.

RDW 21 THE PAVEMENT SHALL BE REPLACED BY FIRST REMOVING THE TEMPORARY PAVEMENT DOWN TO THE CLEAN GRANULAR MATERIAL AND REMOVING THE EXISTING PAVEMENT FOR AT LEAST 12 INCHES BEYOND THE TRENCH LIMITS ON EACH SIDE. THE PAVEMENT IS TO BE REMOVED SHOWN NEATLY SAWEED, NOT MORE THAN 24 HOURS PRIOR TO THE PLACING OF PERMANENT PAVEMENT MATERIALS. THE PERMANENT PAVEMENT MATERIALS AND WORKMANSHIP SHALL BE AT LEAST EQUIVALENT TO THE EXISTING PERMANENT PAVEMENT REPLACED, AS DETERMINED BY THE ENGINEER. AFTER REMOVAL OF THE TEMPORARY PAVEMENT AND SAWING OF THE EXISTING PAVEMENT EDGES, ITEM 407 TACK COAT SHALL BE APPLIED TO THE EXPOSED EXISTING PAVEMENT EDGES, AND TO THE BASE MATERIAL, PRIOR TO THE PLACING OF THE PERMANENT PAVEMENT.

RDW 22 ALL TRENCHES IN THE ROADWAY SHALL BE BACKFILLED OR SECURELY PLATED DURING NON-WORKING HOURS.

RDW 23 IN THE EVENT EXCAVATION FOR THE STREET IS FROM ZERO (0) INCHES TO TWELVE (12) INCHES BELOW WHAT IS CALLED FOR ON THE PLANS THE CONTRACTOR SHALL REPLACE THIS EXCESS EXCAVATED MATERIAL AS DIRECTED BY THE GEOTECHNICAL ENGINEER. ITEM 310 OR 304 AS DIRECTED AND AT NO EXTRA COST TO THE OWNER.

RDW 24 WHERE NECESSARY TO DISTURB EXISTING PAVEMENT OR DRIVES, THE PAVEMENT SHALL BE SAW CUT IN NEAT, STRAIGHT LINES. THE DEPTH OF SAW CUT SHALL BE AT LEAST TWO (2) INCHES.

STORMWATER NOTES

STM 1 THE MINIMUM REQUIREMENTS FOR STORM SEWER PIPE WITH THE VILLAGE RIGHT-OF-WAY OR EASEMENTS SHALL BE REINFORCED CONCRETE PIPE ASTM 665 OR ASTM C78 AND NON-REINFORCED CONCRETE PIPE ASTM C14 OR CORRUGATED POLYETHYLENE. SMOOTH LINES M-294, TYPES S, AS PER OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS ITEM 707.

STM 2 FLEXIBLE STORM SEWERS ARE SUBJECT TO MANDREL TESTING AND/OR VIDEO INSPECTION AS DIRECTED BY THE VILLAGE ENGINEER. TESTING SHALL BE PERFORMED NO SOONER THAN THIRTY (30) DAYS AFTER THE PIPE TRENCH HAS BEEN BACKFILLED AND ALL ROADWAY AND SITE FILLS OVER THE STORM LINES HAVE BEEN CONSTRUCTED. MAXIMUM DEFLECTION SHALL NOT EXCEED 7.5% OF THE BASE INSIDE DIAMETER. COST OF TESTING SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

STM 3 ALL STORM MANHOLES SHALL BE MARKED WITH A 4" X 4" X 10" - 0" PRESSURE TREATED WOODEN POST PROJECTING 4' - 0" ABOVE THE FINISHED GRADE AND WITH THE TOP 1' - 0" PAINTED GREEN ON FOUR SIDES.

STM 4 THE COST OF ANY DEWATERING OPERATIONS REQUIRED FOR THE CONSTRUCTION OF THE STORM SEWER SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS SEWER ITEMS.

STM 5 THE COST OF ANY ROCK EXCAVATION SHALL BE INCLUDED IN THE PRICE BID FOR THE STORM SEWER. THE BIDDER SHALL DETERMINE IF ANY ROCK EXCAVATION WILL BE REQUIRED AND ADJUST THEIR BIDS ACCORDINGLY.

STM 6 THE FLOW IN ALL SEWERS, DRAINS, AND WATERCOURSES ENCOUNTERED SHALL BE MAINTAINED BY THE CONTRACTOR AT THEIR OWN EXPENSE AND WHENEVER SUCH WATERCOURSES AND DRAINS ARE DISTURBED OR DESTROYED DURING THE PROSECUTION OF THE WORK, THEY SHALL BE RESTORED BY THE CONTRACTOR AT HIS OWN EXPENSE TO A CONDITION SATISFACTORY TO THE ENGINEER.

STM 7 ALL MAJOR FLOOD ROUTES AND DETENTION BASINS ARE TO BE SURVEYED BY A REGISTERED SURVEYOR TO VERIFY CONFORMANCE TO THE APPROVED GRADING PLAN. COST OF THIS WORK SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

STM 8 EROSION CONTROL MEASURES ARE TO BE INSTALLED BY THE CONTRACTOR DURING CONSTRUCTION TO PROTECT CATCH BASINS AND CURB INLETS FROM SILT, MUD, AND DEBRIS.

STM 9 ALL DRAINAGE FLOOD ROUTES, SWALES, AND DITCHES ARE TO BE DESIGNED AND GRADED WITH A MINIMUM FLOW LINE GRADE OF TWO (2) PERCENT, AND A MAXIMUM SIDE SLOPE OF 4:1.

STM 10 ALL CATCH BASINS, MANHOLES, AND CURB INLETS SHALL HAVE CONCRETE CHANNELS POURED IN PLACE TO ASSURE POSITIVE DRAINAGE THROUGH THESE STRUCTURES.

STM 11 PUBLIC STORM SEWER MANHOLE LIDS ARE TO BE EAST JORDAN IRON WORKS NUMBER 1660 - A2 OR EQUIVALENT AND EMBOSSED "VILLAGE OF ASHVILLE STORM SEWER".

STM 12 STORM SEWER CURB INLETS ARE TO BE ADJUSTED WITHIN 1/4" OF PLAN ELEVATION USING STEEL SHIMS.

STM 13 PRE-CAST RINGS ARE TO BE USED FOR ALL FINAL ADJUSTMENTS OF MANHOLE CASTINGS. STORM MANHOLE TOP OF CASTINGS SHOULD BE SET AT 1 - 1/2" ABOVE FINISHED GRADE.

STM 14 OPENINGS SHALL BE PROVIDED IN DRAINAGE STRUCTURES TO ACCOMMODATE UNDER DRAIN OUTLETS. UNDER DRAINS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH DETAILS GIVEN IN THE PLANS.

STM 15 ROOF DRAINS, FOUNDATION DRAINS AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED ON THIS PROJECT.

STM 16 THE MINIMUM REQUIREMENT FOR STORM SEWER PIPE SHALL BE: 8" THROUGH 36" HIGH DENSITY POLYETHYLENE N-12 OR EQUAL HIGH DENSITY POLYETHYLENE PIPE WITH SMOOTH INTERIOR WALL. STORM DRAINS LARGER THAN 36" SHALL MEET THE REQUIREMENTS OF AASHTO M-294-S. REINFORCED CONCRETE RCP MAY BE SPECIFIED BY THE ENGINEER WHEN THEY DEEM NECESSARY.

STM 17 ALL TRENCH BACKFILL SHALL BE COMPACTED BACKFILL AS PER CMSC ITEM 911. THE COST OF OIL COMPACTED BACKFILL SHALL BE INCLUDED IN THE PRICE BID FOR FURNISHING AND INSTALLING PIPE. THE CONTRACTOR IS HEREBY NOTIFIED THAT THE CMSC FOR ASHVILLE REQUIRES THE USE OF NUMBER 57 CRUSHED LIMESTONE[WFC1] ROUND GRAVEL [WFC2]FOR BEDDING OF SANITARY

SANITARY AND STORMWATER SEWER NOTES

STM/SAS 1 ROOF DRAINS, FOUNDATION DRAINS AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED ON THIS PROJECT.

STM/SAS 2 ALL SANITARY SEWERS CONSTRUCTED UNDER THIS PLAN SHALL MEET THE REQUIREMENTS OF THE VILLAGE OF ASHVILLE, UNLESS OTHERWISE NOTED.

STM/SAS 3 THE CONSTRUCTION OF NEW SANITARY SEWERS OR WATERLINES SHALL NOT BEGIN UNTIL THE VILLAGE RECEIVES AN APPROVED AND CURRENT OHIO ENVIRONMENTAL PROTECTION AGENCY PERMIT TO INSTALL (PTI), OR A LETTER OF ACCEPTANCE.

STM/SAS 4 THERE SHALL BE NO SANITARY SEWER INSTALLED IN REAR OR SIDE LOT EASEMENTS WITHOUT PRIOR WRITTEN APPROVAL FROM THE VILLAGE OF ASHVILLE WASTEWATER SUPERINTENDENT.

STM/SAS 5 THE MINIMUM REQUIREMENTS FOR SANITARY SEWER PIPE SHALL BE PVC SEWER PIPE ASTM D-3034, SDR 35 AND ASTM F-679.

STM/SAS 6 THE MINIMUM REQUIREMENT FOR STORM SEWER PIPE SHALL BE: 8" THROUGH 36" HIGH DENSITY POLYETHYLENE N-12 OR EQUAL HIGH DENSITY POLYETHYLENE PIPE WITH SMOOTH INTERIOR WALL. STORM DRAINS LARGER THAN 36" SHALL MEET THE REQUIREMENTS OF AASHTO M-294-S. REINFORCED CONCRETE RCP MAY BE SPECIFIED BY THE ENGINEER WHEN THEY DEEM NECESSARY.

STM/SAS 7 ALL TRENCH BACKFILL SHALL BE COMPACTED BACKFILL AS PER CMSC ITEM 911. THE COST OF OIL COMPACTED BACKFILL SHALL BE INCLUDED IN THE PRICE BID FOR FURNISHING AND INSTALLING PIPE. THE CONTRACTOR IS HEREBY NOTIFIED THAT THE CMSC FOR ASHVILLE REQUIRES THE USE OF NUMBER 57 CRUSHED LIMESTONE[WFC1] ROUND GRAVEL [WFC2] FOR BEDDING OF SANITARY PIPE.

STM/SAS 8 IN ADDITION TO THE REQUIREMENTS OF CMSC ITEM 901.08 AS IT REFERS TO COMPACTED BACKFILL, THERE MAY BE AREAS ON THE PLANS WITH THE LIMITS INDICATED ON THE PROFILE VIEW OF THE SEWER AS "COMPACTED GRANULAR BACKFILL". THESE AREAS WILL BE COMPACTED TO MEET THE REQUIREMENTS OF CMSC ITEM 912.03. PAYMENT FOR THE COMPACTION OF BACKFILL WITHIN THESE AREAS SHALL BE INCLUDED IN THE PRICE BID FOR FURNISHING AND INSTALLING PIPE.

STM/SAS 9 ALL BEDDING OF SANITARY SEWER PIPE SHALL CONFORM TO THE TYPICAL TRENCH DETAIL.

STM/SAS 10 THE CONTRACTOR'S SPECIFIC ATTENTION IS DIRECTED TO THE REQUIREMENTS OF THE LEAKAGE TEST. ALL SANITARY SEWERS SHALL BE TESTED FOR LEAKAGE IN ACCORDANCE WITH 901.20 OF THE CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS. THIS IS AN EXFILTRATION WATER TEST. AN AIR TEST IS PERMITTED AS DIRECTED BY THE VILLAGE OF ASHVILLE. AN INFILTRATION TEST MAY BE REQUIRED IN AREAS OF HIGH GROUNDWATER.

STM/SAS 11 PIPE FOR ALL SIX (6) INCH SERVICE SERVICES SHALL BE PVC SEWER PIPE, ASTM D-3034, SDR 35. ALL SERVICE EXTENSIONS SHALL BE LAID AT A MINIMUM GRADE OF TWO (2) PERCENT AND SHALL BE CONSTRUCTED AT THE TIME OF CONSTRUCTION OF THE MAIN SEWER, UNLESS OTHERWISE DIRECTED BY THE VILLAGE ENGINEER. 4-6" WITH A FERROCO, INC. DONUT OR BOOT. [WFC3]

STM/SAS 12 A WYE POLE MADE OF 4" BY 4" LUMBER SHALL BE FURNISHED AND PLACED AT ALL WYE BRANCHES AND AT THE END OF EXTENDED SERVICE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR THE SEWER ITEMS.

STM/SAS 13 ALL SANITARY SEWER LINES INSTALLED USING PVC PIPE WILL BE SUBJECT TO DEFLECTION TESTING BY PULLING AN APPROVED MANDREL EQUAL IN DIAMETER TO 95% OF THE PIPE DIAMETER THROUGH THE PIPE NO LESS THAN (30) DAYS AFTER THE PIPE IS BACKFILLED.

STM/SAS 14 THE WYE LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE FIELD LOCATED DURING CONSTRUCTION TO SERVE THE INDIVIDUAL STRUCTURES.

STM/SAS 15 MANHOLE COVERS FOR SANITARY SEWERS SHALL CONFORM TO VILLAGE OF ASHVILLE STANDARD DRAWINGS.

STM/SAS 16 MANHOLE TOPS SHALL BE BUILT OR SUBSEQUENTLY ADJUSTED TO MEET SURFACE GRADES ESTABLISHED FOR THE DEVELOPMENT. COST OF THIS WORK IS TO BE INCLUDED IN THE PRICE BID FOR THE VARIOUS SEWER ITEMS.

STM/SAS 17 ALL SANITARY SEWER LINES SHALL END WITH MANHOLES, UNLESS OTHERWISE SPECIFIED.[WFC4]

STM/SAS 18 ALL NEW SANITARY SEWER AND STORM DRAIN MANHOLES INSTALLED IN THE VILLAGE OF ASHVILLE, SANITARY SEWER AND STORM DRAIN SYSTEMS SHALL BE AS FOLLOWS:

- PRE-CAST CONCRETE
- FOUR (4) FOOT DIAMETER, MINIMUM
- INSTALLED WITH FORMED CHANNELS

STM/SAS 19 ALL NEW SANITARY SEWER MANHOLES AND EXISTING SANITARY MANHOLES ADJUSTED TO GRADE SHALL BE CONSTRUCTED WITH CHIMNEY SEALS AND DISH[WFC5] IN ACCORDANCE WITH VILLAGE OF ASHVILLE SPECIFICATIONS.

STM/SAS 20 ALL NEW MANHOLES AND EXISTING MANHOLES ADJUSTED TO GRADE SHALL HAVE CONCRETE COLLARS.

STM/SAS 21 SANITARY SEWER—MANHOLE CONNECTIONS: THE SANITARY SEWER PIPE TO MANHOLE CONNECTIONS SHALL BE OF A FLEXIBLE WATERIGHT JOINT OF APPROVED MANUFACTURE. THE JOINT MAY BE OF THE FOLLOWING DESIGN (A) RUBBER SLEEVE WITH STAINLESS STEEL BANDING, (B) RUBBER GASKET COMPRESSION, OR (C) RUBBER GASKET EXPANSION.

STM/SAS 22 MANHOLE LOCATIONS: THE STATION AND OFFSET OF THE MANHOLES SHOWN ON THE PLANS ARE TO THE CENTER OF THE MANHOLE BASE.

STM/SAS 23 THE MAXIMUM TRENCH WIDTH SHALL NOT BE GREATER THAN THE OUTSIDE DIAMETER OF THE PIPE PLUS TWO (2) FEET.

STM/SAS 24 THE CONTRACTOR SHALL MAKE PROVISIONS TO MAINTAIN FLOWS IN THE EXISTING SEWER AT ALL TIMES - DURING CONSTRUCTION METHODS FOR MAINTAINING

STM/SAS 25 ALL SANITARY SEWERS SHALL BE RECORDED IN DVD FORMAT AFTER CONSTRUCTION PRIOR TO ACCEPTANCE OF THE SEWERS BY THE VILLAGE OF ASHVILLE. THE DVD SHALL REMAIN THE PROPERTY OF THE VILLAGE OF ASHVILLE. THE DVD SHALL CLEARLY IDENTIFY THE LOCATION OF THE CAMERA WITHIN THE SEWER, DATE AND TIME OF THE DVD AND BE OF SUFFICIENT QUALITY TO DETERMINE THE CONDITIONS OF THE SANITARY SEWERS. AN ADDITIONAL DVD SHALL BE PERFORMED JUST PRIOR TO THE EXPIRATION OF THE ONE (1) YEAR WARRANTY PERIOD.

STM/SAS 26 THE MAXIMUM VELOCITY IN ANY NEW SANITARY SEWER SHALL NOT EXCEED TEN FEET PER SECOND (10 FPS).

STM/SAS 27 TESTING OF LATERAL CONNECTIONS SHALL BE ADHERED TO.

STM/SAS 28 THE CONTRACTOR SHALL MAKE PROVISIONS TO MAINTAIN FLOWS IN THE EXISTING SEWER AT ALL TIMES - DURING CONSTRUCTION METHODS FOR MAINTAINING FLOWS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION. AT NO TIME WILL SANITARY SEWAGE BE ALLOWED TO DISCHARGE TO ANY RIVER OR STREAM NOR SPILL OUT ON THE GROUND. APPROVAL OF PLANS BY THE ENGINEER TO MAINTAIN FLOWS SHALL NOT RELIEVE THE CONTRACTOR OF ANY RESPONSIBILITY TO ADEQUATELY PROVIDE FOR ALL FLOWS. THE CONTRACTOR SHALL BE AWARE THAT THE EXISTING SEWERS MAY BE OPERATING UNDER PRESSURE (HEAD) DURING TIMES OF RAINFALL; THEREFORE THE CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING ON THESE SEWERS. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE ITEM BID FOR FURNISHING AND INSTALLING PIPE.

STM/SAS 29 THE CONTRACTOR SHALL SUBMIT TO THE DESIGN ENGINEER AND THE VILLAGE ENGINEER FOR HIS OR HER REVIEW, FIVE COPIES OF SHOP DRAWINGS FOR ALL MATERIALS, STRUCTURES, GRADATION CERTIFICATIONS AND EQUIPMENT BEFORE ANY OF THE SAID MATERIALS, STRUCTURES OR EQUIPMENT IS ORDERED. THE OWNER NOR VILLAGE BARE ANY RESPONSIBILITY TO ACCEPT ANY OF THE ABOVE MENTIONED ITEMS WITHOUT A COMPLETED REVIEW OF SAID SHOP DRAWINGS. SHOP DRAWINGS SHALL BE APPROVED BY THE DESIGN ENGINEER PRIOR TO SUBMITTAL TO THE VILLAGE ENGINEER. THESE DOCUMENTS SHALL BE BOUND AND INDEXED WITH NUMBERED SHEETS FOR EACH ITEM OR PAGES IDENTIFIED THROUGHOUT.

STM/SAS 30 THE MINIMUM CLEARANCE BETWEEN SANITARY SEWER AND WATER MAINS SHALL BE TEN (10) FEET HORIZONTAL OR ONE (1) FOOT SIX (6) INCHES VERTICAL OUTSIDE OF PIPE TO OUTSIDE OF PIPE.

RAILROAD NOTES

RR 1 ALL WORK ON, OVER, UNDER, OR ADJACENT TO NORFOLK SOUTHERN RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH THE NORFOLK SOUTHERN "SPECIAL PROVISIONS FOR THE PROTECTION OF RAILWAY INTEREST".

RR 2 "ONE CALL" SERVICES DO NOT LOCATE BURIED RAILROAD SIGNAL AND COMMUNICATION LINES. THE CONTRACTOR SHALL CONTACT THE RAILROAD'S REPRESENTATIVE TWO (2) DAYS IN ADVANCE OF THOSE PLACES WHERE EXCAVATION, PILE DRIVING, OR HEAVY LOADS MAY DAMAGE RAILROAD UNDERGROUND LINES ON RAILROAD PROPERTY. UPON REQUEST FROM THE CONTRACTOR OR AGENCY, RAILROAD SIGNAL FORCES WILL LOCATE AND PAINT MARK OR FLAG RAILROAD UNDERGROUND SIGNAL, COMMUNICATION, AND POWER LINES IN THE AREA TO BE DISTURBED FOR THE CONTRACTOR. THE CONTRACTOR SHALL AVOID EXCAVATION OR OTHER DISTURBANCE OF THESE LINES WHICH ARE CRITICAL TO THE SAFETY OF THE RAILROAD AND THE PUBLIC. IF DISTURBANCE OR EXCAVATION IS REQUIRED NEAR A BURIED RAILROAD SIGNAL, COMMUNICATION, OR POWER LINE, THE LINE SHALL BE POTHOLED MANUALLY WITH CAREFUL HAND EXCAVATION BY THE CONTRACTOR AND PROTECTED BY THE CONTRACTOR DURING THE COURSE OF THE DISTURBANCE UNDER THE SUPERVISION AND DIRECTION OF A RAILROAD SIGNAL REPRESENTATIVE.

RR 3 ALL UTILITY INSTALLATIONS OR RELOCATIONS THAT ARE REQUIRED IN CONJUNCTION WITH THIS PROJECT CAN BE INSTALLED OR RELOCATED AS PART OF THE PROJECT PROVIDED THE CONSTRUCTION IS PERFORMED BY THE PROJECT CONTRACTOR OR PROJECT CONTRACTOR'S SUB-CONTRACTOR. HOWEVER, THE UTILITY MUST SUBMIT AN APPLICATION FOR THE INSTALLATION OR RELOCATION TO AECOM FOR APPROPRIATE HANDLING FOR LICENCE AGREEMENT AND APPLICABLE FEES. FOR UTILITY APPLICATIONS, GO TO: WWW.NSCORP.COM>CUSTOMER>REAL ESTATE>WIRELINE/PIPELINE AND FIBER OPTICS>AECOM.
NOTE: LICENSE AGREEMENT MUST BE EXECUTED.

SUPPLEMENTAL NOTES

ROUNDING
THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLY TO ALL CROSS SECTIONS EVEN THOUGH OTHERWISE SHOWN.

FIELD SURVEY
THESE PLANS WERE PREPARED BASED ON A FIELD SURVEY PREPARED BY POMEROY & ASSOCIATES, LTD.

COORDINATES
NORTHING AND EASTING COORDINATES LISTED WITHIN THIS SET OF PLANS IS BASED ON OHIO STATE PLANE COORDINATES, SOUTH ZONE.

EXPOSE
THE CONTRACTOR SHALL EXPOSE THE UTILITY OR STRUCTURE INDICATED SUFFICIENTLY IN ADVANCE OF LAYING A PROPOSED STORM SEWER OR WATER LINE, AND SHALL EXERCISE EXTREME CAUTION NOT TO DAMAGE THE EXISTING UTILITY. THE COST TO EXPOSE THE UTILITY OR STRUCTURE SHALL BE INCLUDED UNDER ITEM 901 AND/OR ITEM 801. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE INCURRED TO THE EXISTING UTILITY. IN CASE OF CONFLICT, THE VILLAGE OF ASHVILLE SHALL BE NOTIFIED FOR PLAN REVISION.

SEEDING AND MULCHING
THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

659, TOPSOIL 149 CU. YD.
659, SEEDING AND MULCHING 2777 SQ. YD.
659, INTERSEEDING 67 SQ. YD.
659, COMMERCIAL FERTILIZER 0.18 TON
659, LIME 0.56 TON
659, WATER 7.42 M. GAL.
659, MOWING 3.1 M. SQ. FT.

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

CONNECTION TO EXISTING PIPE
WHERE PLANS PROVIDE FOR A PROPOSED CONDUIT TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING SEWER OR UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED CONDUIT.

IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE TO BE CONNECTED, DIFFERS FROM THE PLAN ELEVATION OR RESULTS IN A CHANGE IN THE PLAN CONDUIT SLOPE, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.

IF IT IS DETERMINED THAT THE PROPOSED CONDUIT WILL INTERSECT AN EXISTING SEWER OR UNDERGROUND UTILITY IF CONSTRUCTED AS SHOWN ON THE PLAN, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY.

PAYMENT FOR ALL THE OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 603 CONDUIT ITEM.

BENCHMARKS AND PROPERTY CORNERS
DO NOT DISTURB PERMANENT BENCHMARKS (MONUMENTS) AND PROPERTY CORNERS. IF DISTURBED DURING CONSTRUCTION, THE BENCHMARK OR PROPERTY CORNER SHALL BE REPLACED AND CERTIFIED BY AN OHIO REGISTERED PROFESSIONAL SURVEYOR AT THE CONTRACTOR'S EXPENSE.

USE OF FIRE HYDRANTS
THE CONTRACTOR SHALL MAKE THE PROPER ARRANGEMENTS WITH THE VILLAGE OF ASHVILLE UTILITY DEPARTMENT FOR THE USE OF FIRE HYDRANTS WHEN USED FOR WORK PERFORMED UNDER THIS CONTRACT.

REVIEW OF DRAINAGE FACILITIES
BEFORE ANY WORK IS STARTED ON THE PROJECT, AND AGAIN BEFORE FINAL ACCEPTANCE BY THE VILLAGE OF ASHVILLE, THE CONTRACTOR, ALONG WITH THE LOCAL REPRESENTATIVES, SHALL MAKE AN INSPECTION OF THE EXISTING SEWERS WITHIN THE WORK LIMITS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTIONS SHALL BE KEPT BY THE VILLAGE OF ASHVILLE. ALL NEW CONDUITS, INLETS, AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE VILLAGE OF ASHVILLE. ANY CHANGE IN THE CONDITION OF THE ABOVE DESCRIBED SEWERS AND APPURTENANCES RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR AND ANY COSTS SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE ASSOCIATED 901 PIPE ITEMS.

PAVEMENT CUTS
WHERE NECESSARY TO DISTURB PAVEMENTS OR DRIVES, THE PAVEMENT SHALL BE CUT TO FULL DEPTH OF PAVEMENT, OR AS DIRECTED BY THE ENGINEER, AND IN NEAT STRAIGHT LINES. IF, DURING CONSTRUCTION, THE PAVEMENT IS DAMAGED BEYOND THE ORIGINAL SAW CUT, THE PAVEMENT SHALL BE RECUT TO NEAT LINES. COST SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 448. THE ADDITIONAL PAVEMENT IN THESE AREAS NEEDED TO COMPLETE THE IMPROVEMENTS ACCORDING TO THESE PLANS SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE VILLAGE OF ASHVILLE FOR LABOR OR MATERIALS.

RESTORATION OF DAMAGED FEATURES
ALL SIGNS, FENCES, WALKS, SHRUBS, DRAINAGE STRUCTURES, OR OTHER PHYSICAL FEATURES THAT ARE TO REMAIN, WHICH ARE DISTURBED OR DAMAGED DUE TO THE CONTRACTOR'S NEGLIGENCE, SHALL BE RESTORED TO THEIR ORIGINAL CONDITION BY THE CONTRACTOR AT HIS OWN EXPENSE.

CRACK SEALING, HOT APPLIED, TYPE II
TRAFFIC SHALL NOT BE ALLOWED ON THE SEALANT UNTIL IT HAS CURED AND THE POSSIBILITY OF TRACKING DOES NOT EXIST. APPLIED SEALANT SHALL BE WETTED TO PREVENT TRACKING. ALL SEALANT APPLIED IN TEMPERATURES IN EXCESS OF 80 DEGREES FAHRENHEIT SHALL HAVE BLACK SLAG SAND APPLIED TO PREVENT CRACKING. THE SEALANT SHALL BE PLACED AT ALL CONSTRUCTION JOINTS. ALL COSTS TO BE INCLUDED IN ITEM 423 - CRACK SEALING, HOT APPLIED, TYPE II.

STORM WATER POLLUTION PREVENTION PLAN, AS PER PLAN. CONTRACTOR TO PREPARE AND SUBMIT A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) TO THE VILLAGE OF ASHVILLE ACCORDING TO 0007 SUPPLEMENTAL SPECIFICATION 832. SUBSTITUTE THE "VILLAGE OF ASHVILLE" FOR REFERENCES TO "0007" IN SS832. NO CONSTRUCTION IS PERMITTED PRIOR TO THE APPROVAL OF THE SWPPP.

ALL COSTS TO BE INCLUDED IN ITEM 832 - STORM WATER POLLUTION PREVENTION PLAN, AS PER PLAN, LUMP SUM.

SUPPLEMENTAL NOTES (CONTINUED)

FARM AND BUILDING DRAINS
ALL DRAINS, WHICH ARE ENCOUNTERED DURING CONSTRUCTION SHALL BE PROVIDED WITH UNOBSTRUCTED OUTLETS. EXISTING COLLECTORS WHICH ARE LOCATED BELOW THE ROADWAY DITCH ELEVATIONS, AND WHICH CROSS THE ROADWAY, SHALL BE REPLACED WITHIN THE CONSTRUCTION LIMITS BY ITEM 603 CONDUIT, TYPE B, ONE COMMERCIAL SIZE LARGER THAN THE EXISTING CONDUIT.

EXISTING COLLECTORS AND ISOLATED DRAINS, WHICH ARE ENCOUNTERED ABOVE THE ELEVATION OF ROADWAY DITCHES, SHALL BE OUTLETTED INTO THE ROADWAY DITCH BY 603 TYPE F CONDUIT. THE OPTIMUM OUTLET ELEVATION SHALL BE ONE FOOT ABOVE THE FLOWLINE ELEVATION OF THE DITCH. LATERAL FIELD TILES WHICH CROSS THE ROADWAY SHALL BE INTERCEPTED BY 603, TYPE E CONDUIT, AND CARRIED IN A LONGITUDINAL DIRECTION TO AN ADEQUATE OUTLET OR ROADWAY CROSSING.

THE LOCATION, TYPE, SIZE AND GRADE OF REPLACEMENTS SHALL BE DETERMINED BY THE ENGINEER AND PAYMENT SHALL BE MADE ON FINAL MEASUREMENTS.

EROSION CONTROL PADS AND ANIMAL GUARDS SHALL BE PROVIDED AT THE OUTLET END OF ALL DRAINS AS PER STANDARD CONSTRUCTION DRAWING DM-1.1, EXCEPT WHEN THEY OUTLET INTO A DRAINAGE STRUCTURE. PAYMENT FOR THE EROSION CONTROL PADS AND ANIMAL GUARDS AND ANY NECESSARY BENDS OR BRANCHES SHALL BE INCLUDED FOR PAYMENT IN THE PERTINENT CONDUIT ITEMS.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

603 4" CONDUIT, TYPE F 20_FT.

603 6" CONDUIT, TYPE F 20_FT.

603 8" CONDUIT, TYPE B 20_FT.

603 12" CONDUIT, TYPE E 20_FT.

601 ROCK CHANNEL PROTECTION TYPE B WITH FABRIC FILTER 2_CU_YD.

SIGNAL INSTALLATION

THE CONTRACTOR SHOULD NOTE THAT SEVERAL TRAFFIC SIGNAL ITEMS ARE INSTALLED IN, UNDER, AND/OR ADJACENT TO THE PROPOSED SIDEWALK AND PAVEMENT. THESE ARE MOST EASILY INSTALLED IN COORDINATION WITH THE PROPOSED SIDEWALK AND PAVEMENT PLACEMENT. PAY ITEMS FOR CONDUIT INSTALLATION ARE FOR TRENCHING AND NOT DRILL/JACK/DIRECTIONAL BORE. IF DRILL/JACK/DIRECTIONAL BORE IS CHOSEN, THE ADDITIONAL COST WILL BE BORN BY THE CONTRACTOR. TRENCHING OF THE FINAL PAVEMENT COURSE OR PROPOSED SIDEWALKS WILL NOT BE ALLOWED.

CONSTRUCTION NOISE

ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, DO NOT OPERATE POWER-OPERATED, CONSTRUCTION-TYPE DEVICES BETWEEN THE HOURS OF 7:00 P.M. AND 7:00 A.M.. IN ADDITION, DO NOT OPERATE AT ANY TIME ANY DEVICE IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

PROTECTION OF RIGHT-OF-WAY LANDSCAPING

PRIOR TO BEGINNING WORK, THE CONTRACTOR, THE PROJECT ENGINEER, AND A REPRESENTATIVE OF THE MAINTAINING AGENCY WILL REVIEW AND RECORD ALL LANDSCAPING ITEMS WITHIN THE RIGHT OF WAY (BOTH WITHIN AND OUTSIDE THE CONSTRUCTION LIMITS) A RECORD OF THIS REVIEW WILL BE KEPT IN THE PROJECT ENGINEER'S FILES. PRIOR TO FINAL ACCEPTANCE, A FINAL REVIEW OF LANDSCAPING ITEMS WILL BE MADE.

CONSTRUCT ALL ACTIVITIES, EQUIPMENT STORAGE, AND STAGING TO WITHIN THE CONSTRUCTION LIMITS.

SUBMIT A WRITTEN REQUEST TO THE PROJECT ENGINEER TO USE ANY AREA OUTSIDE THESE LIMITS. THE DOCUMENT SUBMITTED MUST CLEARLY IDENTIFY THE AREA AND EXPLAIN THE PROPOSED USE AND RESTORATION OF THE AREA. USE OF THESE AREAS FOR DISPOSAL OF WASTE MATERIAL AND CONSTRUCTION DEBRIS, EXCAVATION OF BORROW MATERIAL AND PLACEMENT OF PORTABLE PLANTS IS PROHIBITED. THE REQUEST MUST BE APPROVED, IN WRITING, BEFORE THE CONTRACTOR HAS PERMISSION TO USE THE AREA.

ANY ITEMS DAMAGED BEYOND THE CONSTRUCTION LIMITS AS DEFINED ABOVE WILL BE REPLACED IN KIND OR AS APPROVED BY THE PROJECT ENGINEER AT THE CONTRACTOR'S EXPENSE.

UNSUITABLE SOIL

QUANTITIES FOR ITEM 203, EXCAVATION OF UNSUITABLE MATERIAL, ITEM 203 EMBANKMENT USING NO. 2 STONE, ITEM 203 EMBANKMENT USING NO. 57 STONE, ITEM 203 EMBANKMENT USING ITEM 504, AND ITEM SPECIAL GEOTEXTILE FABRIC HAVE BEEN INCLUDED FOR REMOVAL OF ANY UNSUITABLE SOIL ENCOUNTERED ON THIS PROJECT. THE ABOVE ITEMS, ESTABLISHED FOR THE REMOVAL AND REPLACEMENT OF UNSUITABLE SOIL SHALL BE USED ONLY AS DIRECTED BY THE ENGINEER AND SHALL BE ORDERED ONLY WITH THE PERMISSION OF THE ENGINEER.

THE GEOTEXTILE FABRIC SHALL BE TERRATEX HD, MIRAFI 600X, EXXON GTF300, OR AN APPROVED EQUAL HAVING A BURST STRENGTH OF AT LEAST 60 P.S.I.

PROOF ROLLING

THE FOLLOWING QUANTITY IS PROVIDED IN THE GENERAL SUMMARY TO ADDRESS LOCATIONS REQUIRING PROOF ROLLING AS DIRECTED BY THE ENGINEER.

ITEM 204 - PROOF ROLLING 8_HOURS.

MANHOLES, CATCH BASINS AND INLETS REMOVED OR ABANDONED

ALL CASTINGS SHALL BE CAREFULLY REMOVED AND STORED WITHIN THE RIGHT OF WAY FOR SALVAGE BY VILLAGE FORCES.

PAYMENT FOR ALL OF THE ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 202 ITEM.

EXISTING UNDERDRAINS

PROVIDE UNOBSTRUCTED OUTLETS FOR ALL EXISTING UNDERDRAINS ENCOUNTERED DURING CONSTRUCTION.

PROVIDE AN OUTLET PER STANDARD CONSTRUCTION DRAWING DM-1.1 FOR ALL UNDERDRAINS THAT OUTLET TO A SLOPE.

UNDERDRAINS THAT CAN BE CONNECTED TO THE NEW OR EXISTING UNDERDRAINS AT THE END OF THE PROJECT LIMITS AS WELL AS ALL NECESSARY BENDS OR BRANCHES REQUIRED FOR CONNECTION ARE INCLUDED IN THE BASIS OF PAYMENT FOR UNCLASSIFIED PIPE UNDERDRAINS.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

603 - 6" CONDUIT, TYPE F 20_FT.

604 - PRECAST REINFORCED CONCRETE OUTLET 2_EACH

605 - 8" UNCLASSIFIED PIPE UNDERDRAINS 20_FT.

WATER MAIN/LINE NOTES

WML 1 ALL WATERLINE SERVICE SADDLES SHALL BE DOUBLE BOLT STAINLESS STEEL STYLE 306 AS MANUFACTURED BY ROMAC, OR EQUAL.

WML 2 LOCATION, SUPPORT, PROTECTION AND RESTORATION OF ALL WATER LINES, SERVICES AND APPURTENANCES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL SUBMIT HIS DETAILS AND METHODS OF SUPPORTING THE WATER LINES ACROSS THE SEWER TRENCH TO THE ENGINEER FOR APPROVAL BY THE WATER DEPARTMENT. SUPPORT METHOD AND DETAIL APPROVAL SHALL BE SECURED PRIOR TO THE COMMENCEMENT OF EXCAVATION OPERATIONS.

WML 3 WATER MAINS SHALL, WHERE POSSIBLE, BE DEFLECTED AROUND STRUCTURES WITHOUT THE USE OF SPECIAL FITTINGS AND WITHOUT EXCEEDING THE MANUFACTURER'S ALLOWABLE DEFLECTION.

WML 4 THE CONTRACTOR SHALL HAND SWAB ALL PIPE AND FITTINGS THAT ARE NOT OTHERWISE DISINFECTED. THE AMOUNT OF CHLORINE TO BE USED DURING HAND SWABBING OPERATIONS SHALL BE DETERMINED BY THE VILLAGE OF ASHVILLE, WATER DEPARTMENT.

WML 5 ANY TESTING PERFORMED AGAINST EXISTING VALVES SHALL BE DONE AT THE CONTRACTOR'S RISK AND IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE ENGINEER. IF SATISFACTORY TEST RESULTS CANNOT BE OBTAINED AGAINST AN EXISTING VALVE, THE NEW LINE SHALL BE DISCONNECTED FROM THE EXISTING LINE, PLUGGED AND RE-TESTED. DAMAGE CAUSED TO EXISTING LINES AND VALVES SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.

WML 6 ALL COST TO PLUG AND BLOCK THE ENDS OF WATER MAINS AT LOCATIONS SHOWN IN THE PLANS SHALL BE INCLUDED IN THE PRICE BID FOR PIPE.

WML 7 WATER SERVICE BOXES SHALL BE LOCATED 6" TO 12" FROM THE ROADWAY RIGHT-OF-WAY LINE, EXCEPT AS SHOWN ON THE PLANS.

WML 8 A DETECTABLE UNDERGROUND UTILITY MARKING TAPE SHALL BE INSTALLED APPROXIMATELY 18" BELOW GRADE. THIS TAPE SHALL CONSIST OF A MINIMUM 5 MIL OVERALL THICKNESS, WITH A SOLID ALUMINUM FOIL CORE, A 2 MIL CLEAR FILM REVERSE PRINT LAMINATED TO AN ALUMINUM FOIL TO 2 MIL CLEAR FILM, MAKING THE FILM PERMANENTLY PRINTED. COLOR CODE SHALL BE BLUE INDICATING WATER AND ASSOCIATED LINES. THE TAPE SHALL BE MANUFACTURED TO WITHSTAND ALKALINE, ACIDIC AND NEUTRAL SOIL CONDITIONS. ANY DIRECTIONAL BORING PIPE SHALL HAVE A NO. 6 BRAIDED WIRE, INSTALLED WITH THE PIPE. COST SHALL BE INCLUDED WITH THE PRICE OF PIPE. NO SEPARATE PAYMENT WILL BE MADE.

WML 9 THE CONTRACTOR SHALL SUBMIT TO THE VILLAGE ENGINEER FOR REVIEW, FIVE COPIES OF SHOP DRAWINGS FOR ALL WATER LINES, STRUCTURES, GRADATION CERTIFICATIONS AND EQUIPMENT BEFORE ANY OF THE SAID MATERIALS, STRUCTURES AND EQUIPMENT IS ORDERED. THE VILLAGE OF ASHVILLE DOES NOT BEAR ANY RESPONSIBILITY TO ACCEPT ANY OF THE ABOVE-MENTIONED ITEMS WITHOUT A COMPLETE REVIEW OF SAID SHOP DRAWINGS. THESE DOCUMENTS SHALL BE BOUND INTO A FOLDER WITH EITHER AN INDEX WITH NUMBERED SHEETS FOR EACH ITEM OR PAGES IDENTIFIED THROUGHOUT.

WML 10 ALL WATER PIPE AND FITTINGS, AND METHODS OF CONSTRUCTION AND WORKMANSHIP FOR WATER LINES AND APPURTENANCES SHOWN AN THESE PLANS SHALL CONFORM TO THE CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS, SECTION 800 AND APPLICABLE REFERENCES THEREIN, CURRENT TO THE DATE OF CONTRACT, UNLESS THE REQUIREMENTS OF SUCH RULES AND REGULATIONS ARE UPGRADDED OR MODIFIED BY THE FOLLOWING NOTES OR BY THE CONSTRUCTION DETAILS SET FORTH HEREIN.

WML 11 WORK REQUIRING THE SHUTDOWN OF EXISTING WATER MAINS IS TO BE COORDINATED WITH THE VILLAGE OF ASHVILLE WATER DEPARTMENT FORTY-EIGHT (48) HOURS PRIOR TO THE SCHEDULED WORK BEING PERFORMED. ALL AFFECTED CUSTOMERS SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE SHUT DOWN.

WML 12 WATER MAINS SHALL BE DUCTILE IRON PIPE DESIGNED IN ACCORDANCE WITH THE LATEST REVISIONS OF A.N.S.I./A.W.W.A. C150/A21.50 FOR A MINIMUM 150 PSI (OR PROJECT REQUIREMENTS, WHICHEVER IS GREATER) RATED WORKING PRESSURE PLUS A 100 PSI MINIMUM SURGE ALLOWANCE; A 2 TO 1 FACTOR OF SAFETY ON THE SUM OF WORKING PRESSURE PLUS SURGE PRESSURE.

WML 13 WATER MAINS SHALL BE DUCTILE IRON PIPE, CLASS 52 (AWWA C151) WITH CEMENT MORTAR LINING AND SEAL COATING (AWWA C104) IN ACCORDANCE WITH VILLAGE SPECIFICATIONS. JOINTS SHALL BE RUBBER GASKET PUSH-ON MECHANICAL TYPE (AWWA C111). WATER MAIN FITTINGS SHALL BE DUCTILE IRON WITH CEMENT MORTAR LINING AND SEAL COATING WITH MECHANICAL JOINTS AND SHALL CONFORM TO AWWA C153.

WML 14 DUCTILE IRON PIPE SHALL BE MANUFACTURED IN THE U.S.A. IN ACCORDANCE WITH THE LATEST REVISION OF A.N.S.I./A.W.W.A. C151/A21.51. EACH PIPE SHALL BE SUBJECT TO A HYDROSTATIC PRESSURE TEST OF AT LEAST 500 PSI AT THE POINT OF MANUFACTURE.

WML 15 PIPE SHALL HAVE STANDARD ASPHALTIC COATING ON THE EXTERIOR PIPE AND SHALL ALSO HAVE A CEMENT MORTAR ON THE INTERIOR IN ACCORDANCE WITH A.N.S.I./A.W.W.A. C104/A21.4 OF THE LATEST REVISION.

WML 16 THE CLASS OR NOMINAL THICKNESS, NET WEIGHT WITHOUT LINING, AND CASTING DATE SHALL BE CLEARLY MARKED ON EACH LENGTH OF PIPE. ADDITIONALLY, THE MANUFACTURER'S MARK, COUNTRY WHERE CAST, YEAR IN WHICH THE PIPE WAS PRODUCED, AND LETTERS "DI" OR "DUCTILE" SHALL BE CAST OR STAMPED ON THE PIPE.

WML 17 PVC PLASTIC PIPE, A.W.W.A. C900 DR 18 FOR SIZES 4" TO 12" AND A.W.W.A. C905 DR 18 FOR SIZES 14" AND ABOVE MAY BE USED ONLY WHEN APPROVED BY THE VILLAGE OF ASHVILLE.

WML 19 DEAD END WATER LINES SHALL TERMINATE WITH A FIRE HYDRANT AND A WATCH VALVE OR TWO INCH WATER STOP VALVES WITH SUFFICIENT LENGTH OF WATER LINE TO RESTRAIN THE VALVE AND SHALL BE FOLLOWED BY A MAIN LINE VALVE AND AN ADDITIONAL SECTION OF WATER LINE PLUGGED AND BLOCKED PER THE STANDARD DRAWINGS.

WML 20 WATERLINES SHALL BE INSTALLED WITH A MINIMUM OF FOUR (4) FEET OF COVER, MEASURED FROM FINISHED GRADE TO THE TOP OF THE WATER MAIN.

WML 22 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE HORIZONTAL AND VERTICAL DEFLECTIONS OR BENDS OF THE WATER LINES IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. WHERE NOTED ON THE PLANS, DEFLECT WATER LINES TO PROVIDE 1"-6" VERTICAL AND 10"-0" HORIZONTAL CLEARANCE FROM SANITARY AND STORM SEWERS.

WML 23 IF THERE ARE ANY CONFLICTS IN GRADE BETWEEN WATER LINES AND GRAVITY SEWERS, THE WATER LINES SHALL BE LOWERED DURING CONSTRUCTION. CLEARANCES STATED MUST BE MAINTAINED.

WML 26 THE CAPS AND INSIDE OF ALL MAINLINE WATER VALVE BOXES SHALL BE PAINTED BLUE, AND THE CAPS AND INSIDE OF ALL FIRE HYDRANT GATE VALVE BOXES SHALL BE POINTED RED WITH TWO COATS OF RUST INHIBITIVE PAINT. PUBLIC FIRE HYDRANTS ARE TO BE PAINTED WITH TWO COATS OF FEDERAL SAFETY RED. SHERWIN WILLIAMS B54Y37 PER VILLAGE OF ASHVILLE 1507.08(A)(1). PRIVATE FIRE HYDRANTS ARE TO BE PAINTED FEDERAL SAFETY RED AND WHITE CAPS AND BONNETS PER VILLAGE OF ASHVILLE 1507.14(B)(4). HYDRANTS PLACES IN A FACTORY LOOPED SYSTEM SHALL BE PAINTED ALL FEDERAL SAFETY RED.

WML 27 ALL MECHANICAL FASTENERS, BOLTS, ALL THREAD ROD, ETC., ARE TO RECEIVE ONE COAT OF RUST INHIBITIVE POINT OR COATING.

WML 28 IF THE TOP OF THE OPERATING NUT IS MORE THAN THIRTY SIX (36) INCHES BELOW FINISHED GRADE, AN EXTENSION STEM SHALL BE FURNISHED TO BRING THE TOP OF THE OPERATING NUT TO WITHIN TWENTY-FOUR (24) INCHES OF FINISHED GRADE ELEVATION. ALL VALVE STEM EXTENSIONS ARE TO BE INSTALLED WITH THE EXTENSION SECURED DIRECTLY TO THE VALVE OPERATING NUT WITH GALVANIZED RESTRAINT CLIPS.

WML 29 THE COST OF ANY DEWATERING OPERATIONS REQUIRED FOR THE CONSTRUCTION OF THE WATER LINE SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS ITEMS.

WML 30 ALL FITTINGS SHALL BE ADEQUATELY RESTRAINED WITH CONCRETE BLOCKING

WATER MAIN/LINE NOTES (CONTINUED)

WML 34 ALL GATE VALVES SHALL BE DUCTILE IRON RESILIENT WEDGE, TWO HUNDRED AND FIFTY (250) POUNDS PER SQUARE INCH (PSI), AS MANUFACTURED BY AMERICAN FLOW CONTROL OR APPROVED EQUIVALENT WHICH MEETS OR EXCEEDS THE REQUIREMENTS OF ANSI/AWWA C509.

WML 35 VALVE BOXES ARE TO BE TYLER 6500 SCREW TYPE FOR MAIN AND WATCH VALVES WITH FORD F-1000 CORPORATION STOPS, AND TYLER 94E CURB BOXES. VALVE BOXES ARE TO BE HEAVY DUTY IF LOCATED IN PAVED AREAS. CONTROL VALVES SHALL BE FORD Z44-333 VALVES.

WML 36 WATER MAIN CLEANING AND FLUSHING SHALL CONFORM TO ITEM 801.11 CMSC.

WML 37 HYDROSTATIC TESTS (AS REQUIRED IN SECTION 5 OF AWWA C600) SHALL CONFORM TO CMSC ITEM 801.12. CHLORINATION OF COMPLETED PIPE LINE SHALL CONFORM TO CMSC ITEM 801.13.

WML 40 ALL WATER LINES SHALL BE TESTED (AWWA 600) AND STERILIZED (AWWA C651) BY THE CONTRACTOR IN ACCORDANCE WITH THE VILLAGE OF ASHVILLE AND AWWA SPECIFICATIONS. TESTING SHALL BE DONE UNDER THE SUPERVISION OF THE VILLAGE ENGINEER OR HIS AUTHORIZED REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.

WML 43 THE PRESSURE REQUIRED TO PERFORM HYDROSTATIC TESTING ON WATER LINES MUST BE 150 PSI FOR DOMESTIC LINES AND 200 PSI FOR FIRE SUPPRESSION LINES (PER NFPA 13). HYDROSTATIC TESTS (AS REQUIRED IN SECTION 5 OF AWWA C 600) SHALL CONFORM TO ITEM 801.12 CMSC.

TEMPORARY SEDIMENT & EROSION CONTROL

STANDARDS AND CRITERIA

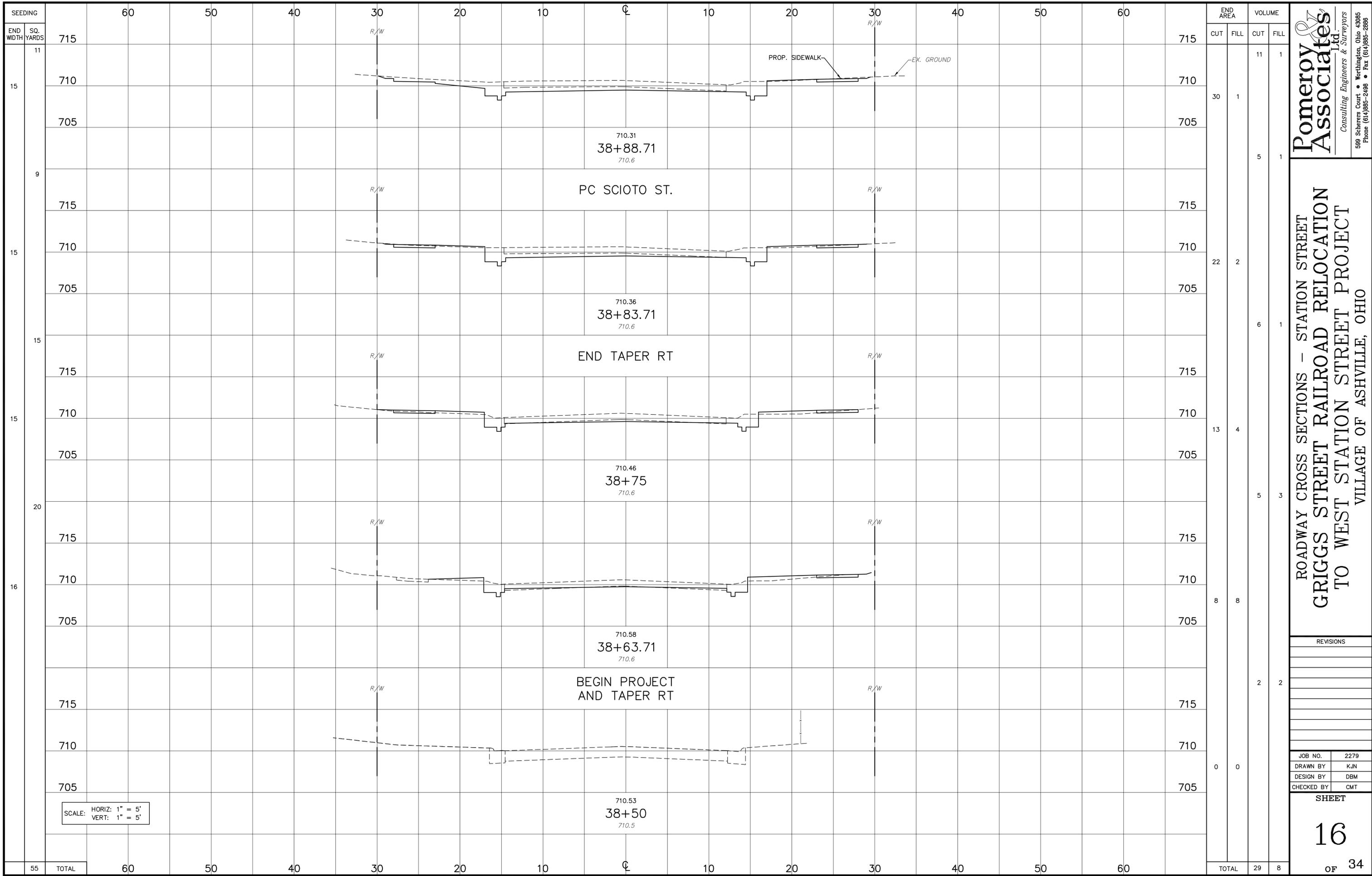
IN ORDER TO CONTROL SEDIMENT POLLUTION OF WATER RESOURCES, THE CONTRACTOR SHALL USE CONSERVATION PLANNING AND PRACTICES TO MAINTAIN THE LEVEL OF CONSERVATION ESTABLISHED BY THE FOLLOWING STANDARDS:

1. TIMING OF SEDIMENT-TRAPPING PRACTICES. SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL THROUGHOUT EARTH-DISTURBING ACTIVITIES. PERIMETER CONTROLS, AND OTHER PRACTICES INTENDED TO TRAP SEDIMENT SHALL BE IMPLEMENTED AS THE FIRST STEP OF GRADING AND WITHIN SEVEN DAYS FROM THE START OF GRUBBING. THEY SHALL CONTINUE TO FUNCTION UNTIL THE UPSLOPE DEVELOPMENT AREA IS RESTABILIZED.
2. STABILIZATION OF DENUDED AREA, DENUDED AREAS SHALL HAVE SOIL STABILIZATION APPLIED WITHIN SEVEN DAYS IF THEY ARE TO REMAIN DORMANT FOR MORE THAN FORTY-FIVE DAYS. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE, AND SHALL ALSO BE APPLIED WITHIN SEVEN DAYS TO DENUDED AREAS WHICH MAY NOT BE AT FINAL GRADE, BUT WILL REMAIN DORMANT (UNDISTURBED) FOR LONGER THAN FORTY-FIVE DAYS.
3. SEDIMENT BARRIER. STREET FLOW RUNOFF FROM DENUDED AREAS SHALL BE FILTERED.
4. STORM SEWER INLET PROTECTION. ALL STORM SEWER INLETS WHICH ACCEPT WATER RUNOFF FROM THE DEVELOPMENT AREA SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER WILL NOT ENTER THE STORM SEWER SYSTEM WITHOUT FIRST BEING FILTERED OR OTHER-WISE TREATED TO REMOVE SEDIMENT.
5. CONSTRUCTION ACCESS ROUTES. MEASURES SHALL BE TAKEN TO PREVENT SOIL TRANSPORT ONTO SURFACES WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, OR ONTO PUBLIC ROADS.
6. CUT AND FILL SLOPES. CUT AND FILL SLOPES SHALL BE CONSTRUCTED IN A MANNER WHICH WILL MINIMIZE EROSION. CONSIDERATION SHALL BE GIVEN TO THE LENGTH AND STEEPNESS OF THE SLOPE, SOIL TYPE, UPSLOPE DRAINAGE AREA, GROUNDWATER CONDITIONS, AND SLOPE STABILIZATION.
7. ESTABLISHMENT OF PERMANENT VEGETATION. A PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL GROUND COVER IS ACHIEVED WHICH, IN THE OPINION OF THE VILLAGE ENGINEER, PROVIDES ADEQUATE COVER AND IS MATURE ENOUGH TO CONTROL SOIL EROSION SATISFACTORILY AND TO SURVIVE ADVERSE WEATHER CONDITIONS.
8. DISPOSITION OF TEMPORARY PRACTICES. ALL TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE DISPOSED OF WITHIN THIRTY DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY PRACTICES ARE NO LONGER NEEDED, UNLESS OTHERWISE AUTHORIZED BY THE APPROVING AGENCY. TRAPPED SEDIMENT SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION.
9. MAINTENANCE. ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE DESIGNED AND CONSTRUCTED TO MINIMIZE MAINTENANCE REQUIREMENTS. THEY SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION.

GENERAL NOTES
GRIGGS STREET RAILROAD RELOCATION
TO WEST STATION STREET PROJECT
 VILLAGE OF ASHVILLE, OHIO

REVISIONS	

JOB NO.	2279
DRAWN BY	MJM
DESIGN BY	DBM
CHECKED BY	CMT



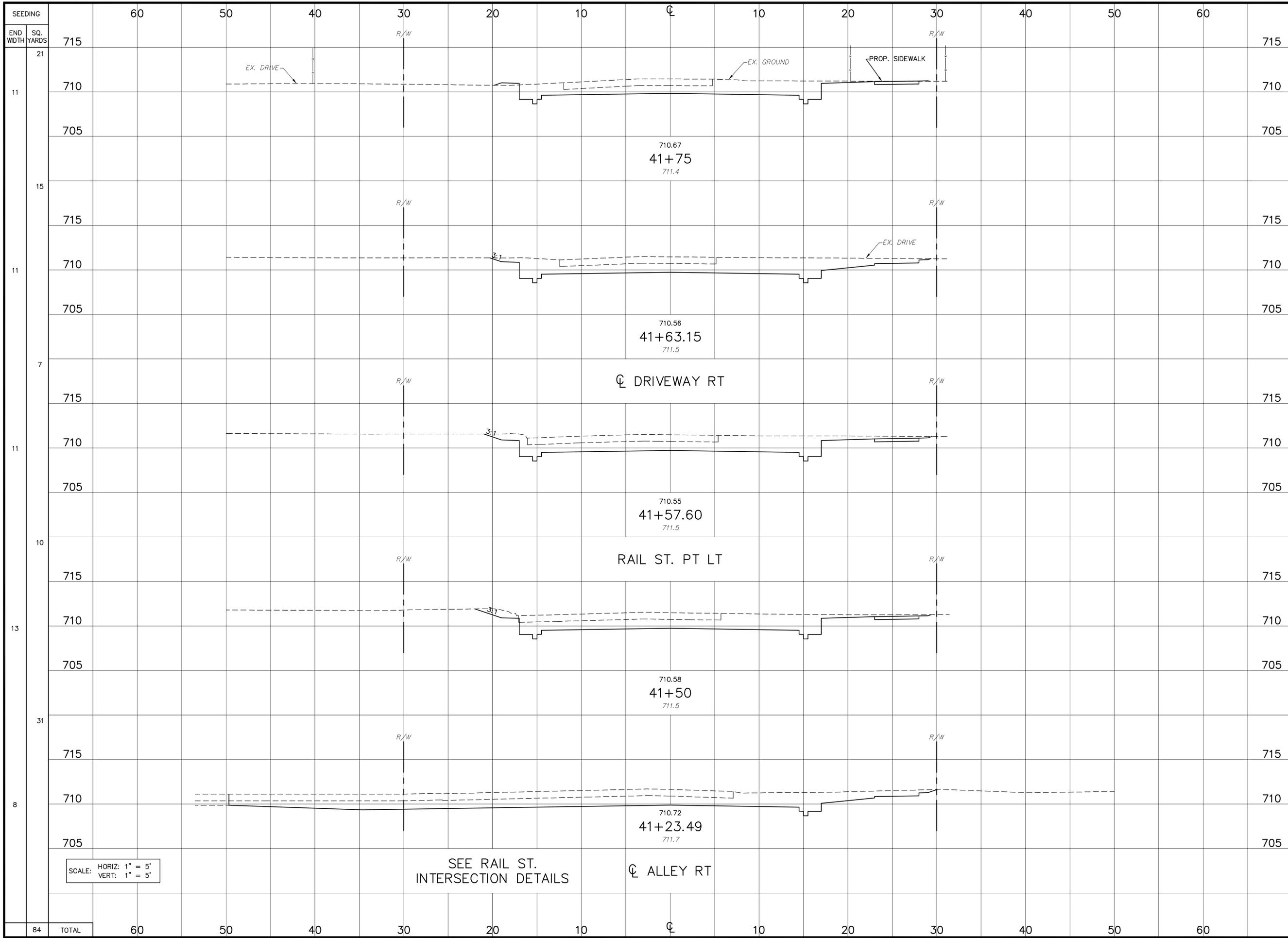
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Consulting Engineers & Surveyors
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**ROADWAY CROSS SECTIONS - STATION STREET
GRIGGS STREET RAILROAD RELOCATION
TO WEST STATION STREET PROJECT
VILLAGE OF ASHVILLE, OHIO**

REVISIONS

NO.	DATE	DESCRIPTION

JOB NO.	2279
DRAWN BY	KJN
DESIGN BY	DBM
CHECKED BY	CMT



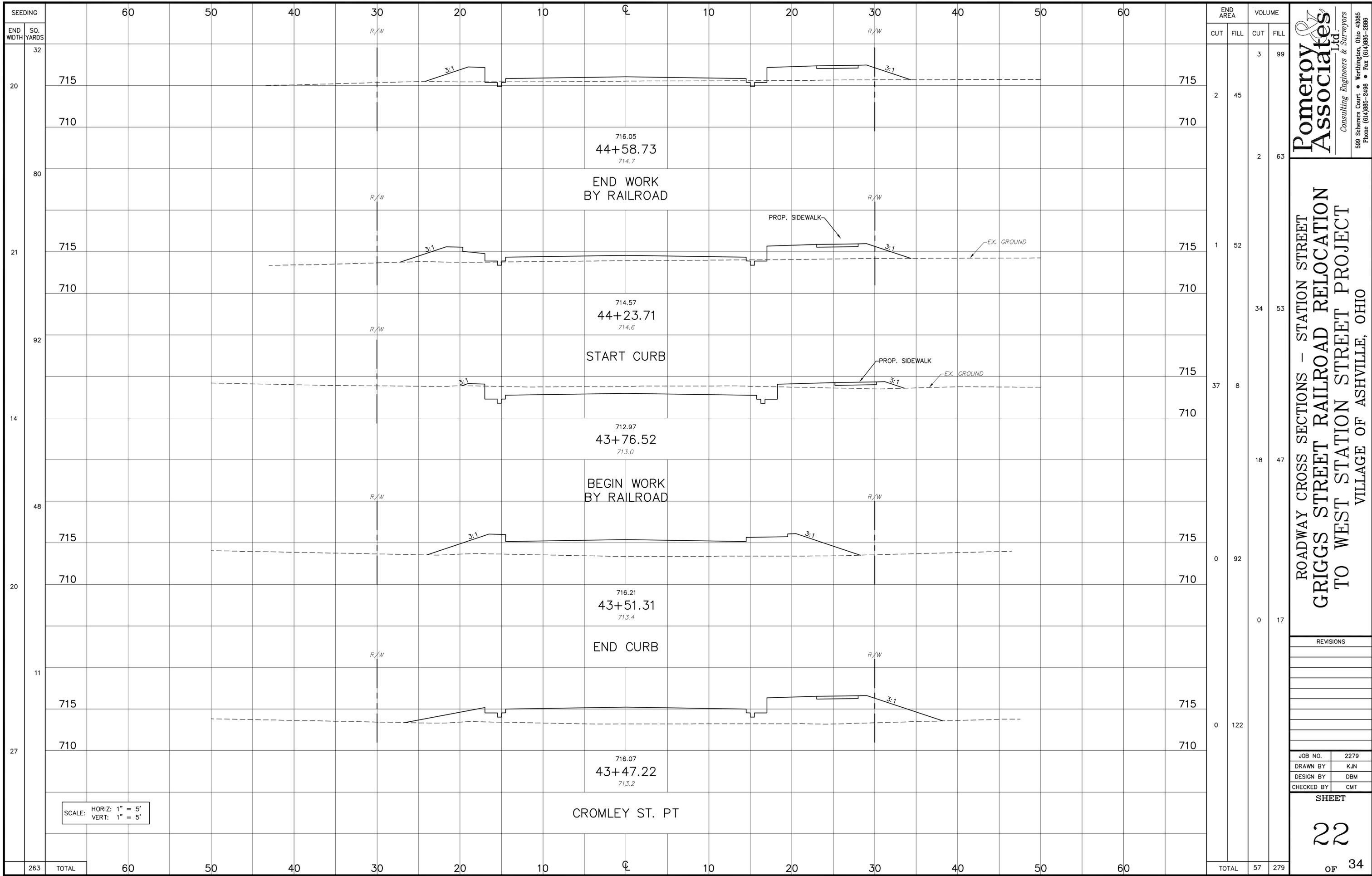
CUT	FILL	VOLUME	
		CUT	FILL
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46	1		
24	0		
60	0		
12	0		
55	0		
16	0		
53	0		
66	0		
80	0		
TOTAL	151	2	

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ROADWAY CROSS SECTIONS - STATION STREET
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REVISIONS	

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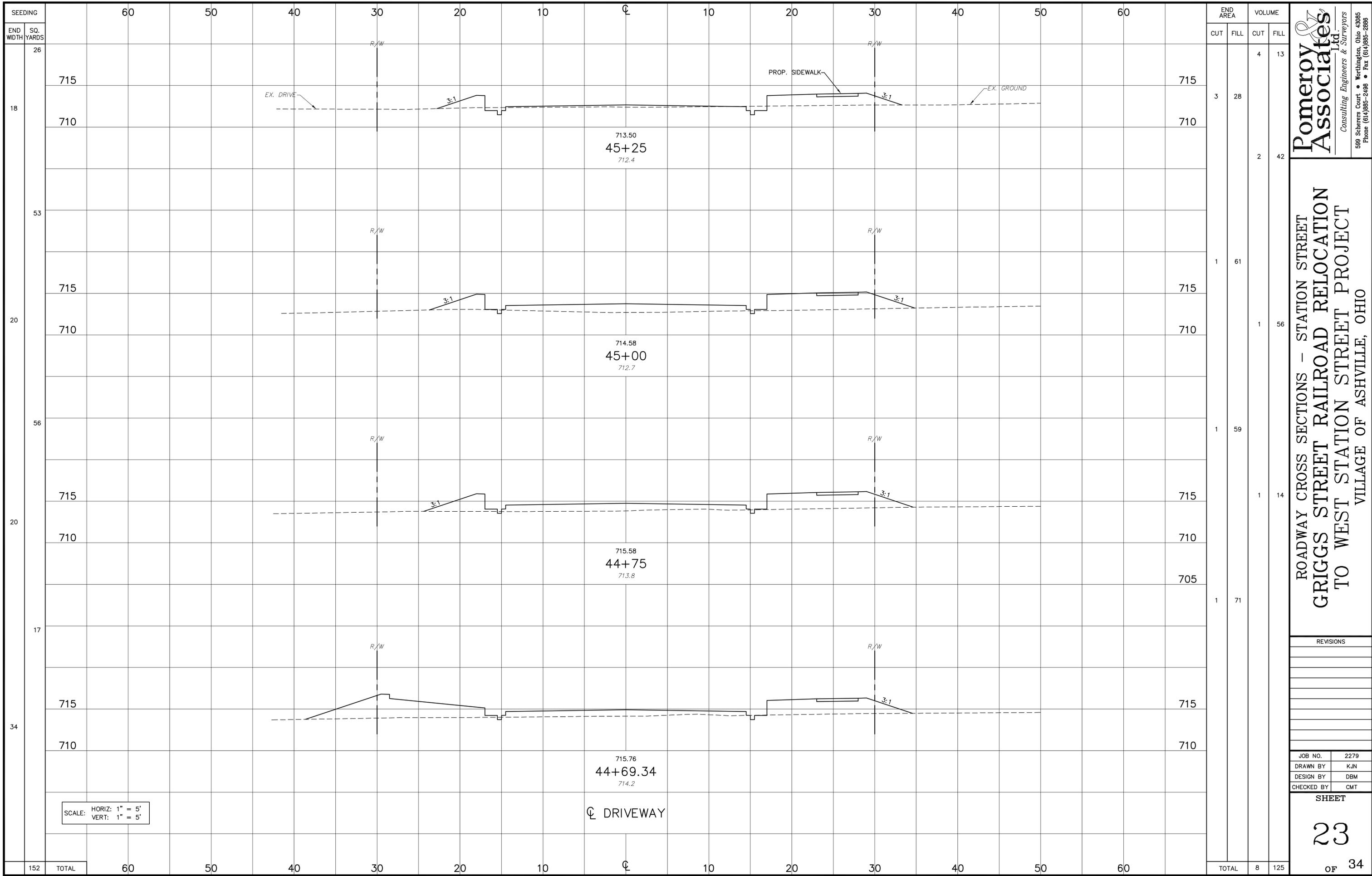
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**ROADWAY CROSS SECTIONS - STATION STREET
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REVISIONS	

JOB NO.	2279
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SHEET
 22
 OF 34



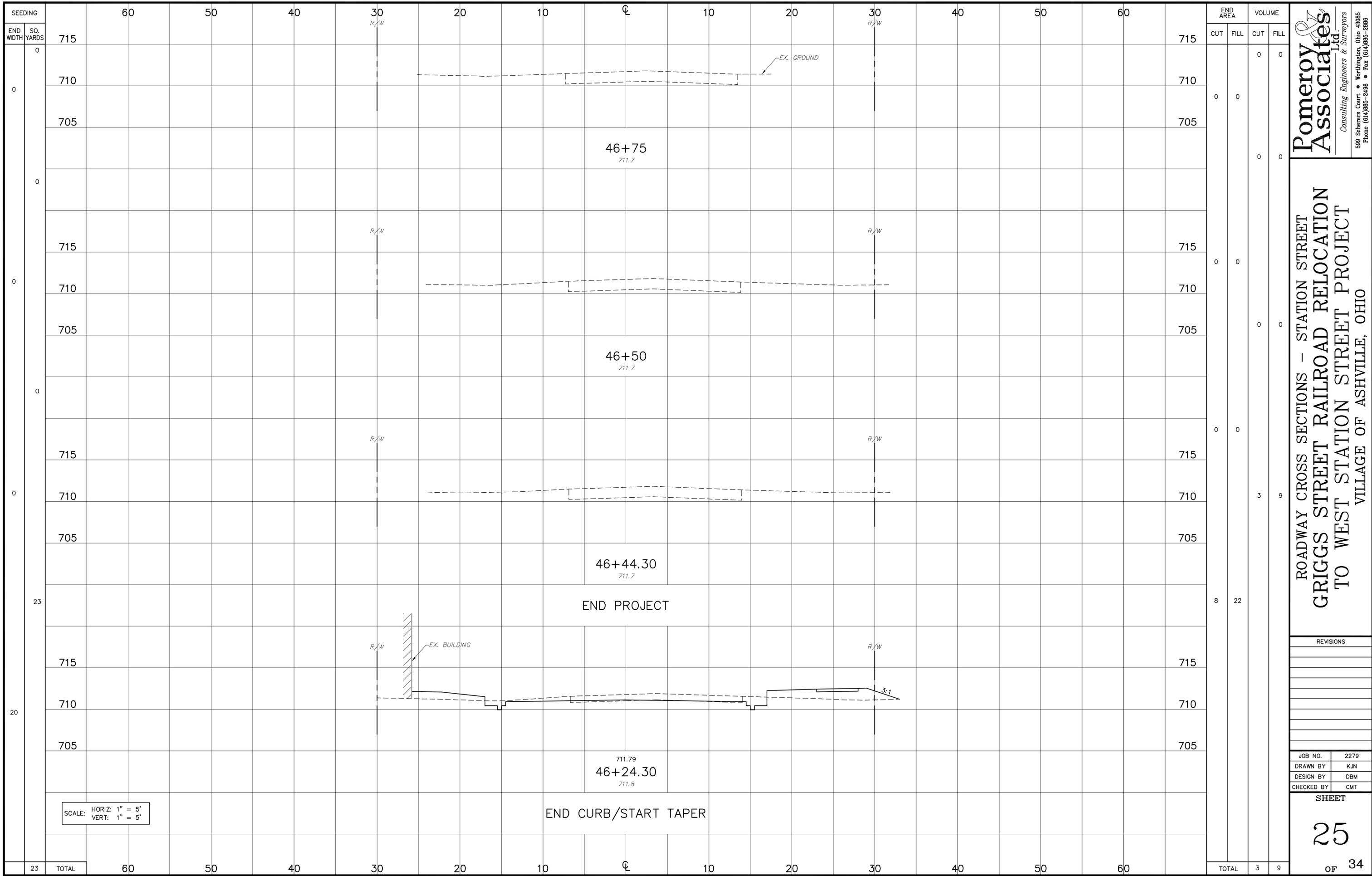
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**ROADWAY CROSS SECTIONS - STATION STREET
 GRIGGS STREET RAILROAD RELOCATION
 TO WEST STATION STREET PROJECT
 VILLAGE OF ASHVILLE, OHIO**

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JOB NO.	2279
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SHEET
 23
 OF 34



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ROADWAY CROSS SECTIONS - STATION STREET
 GRIGGS STREET RAILROAD RELOCATION
 TO WEST STATION STREET PROJECT
 VILLAGE OF ASHVILLE, OHIO

REVISIONS	

JOB NO.	2279
DRAWN BY	KJN
DESIGN BY	DBM
CHECKED BY	CMT

SHEET
25
 OF 34

SCALE: HORIZ: 1" = 5'
 VERT: 1" = 5'

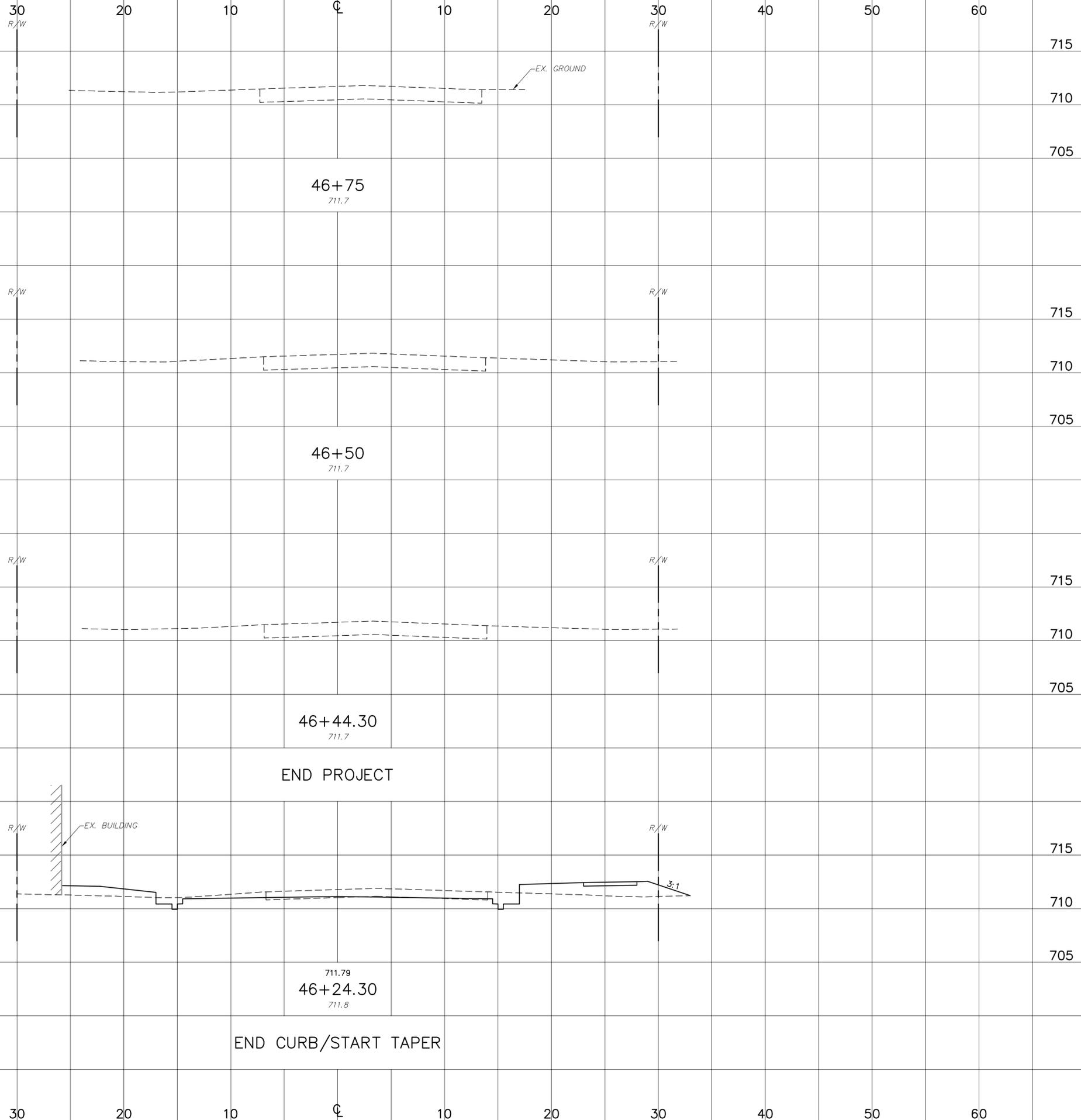
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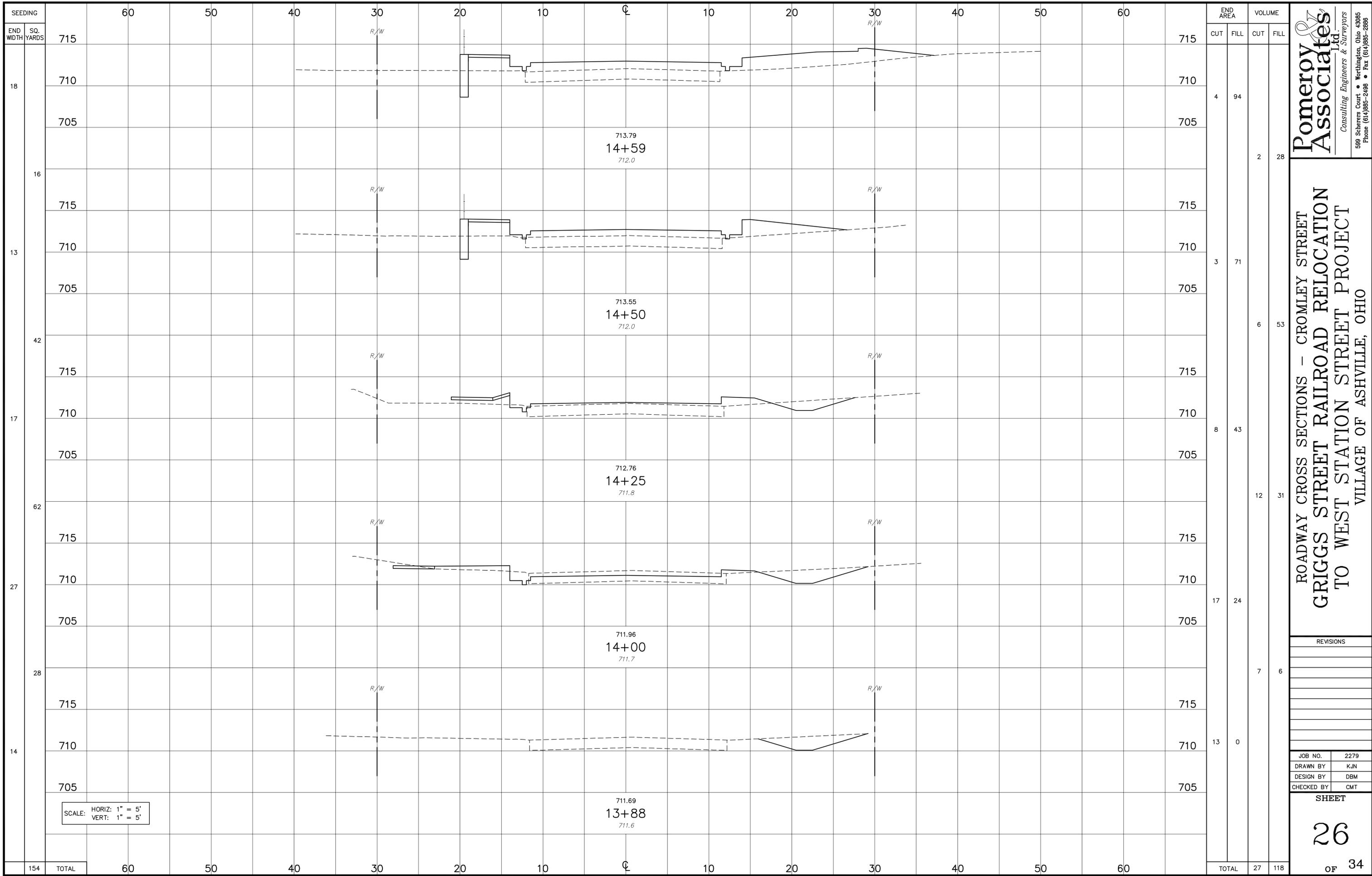
END PROJECT

EX. GROUND

EX. BUILDING

3:1





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**ROADWAY CROSS SECTIONS - CROMLEY STREET
 GRIGGS STREET RAILROAD RELOCATION
 TO WEST STATION STREET PROJECT
 VILLAGE OF ASHVILLE, OHIO**

REVISIONS	

JOB NO.	2279
DRAWN BY	KJN
DESIGN BY	DBM
CHECKED BY	CMT

SHEET
26
 OF 34

SCALE: HORIZ: 1" = 5'
 VERT: 1" = 5'

ITEM 614: MAINTAINING TRAFFIC, AS PER PLAN

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE VILLAGE OF ASHVILLE. 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 VILLAGE OF ASHVILLE, SHALL NOT BE PERMITTED.

TRAFFIC CONTROL DEVICES SHALL BE SET UP PRIOR TO THE START OF CONSTRUCTION AND PROPERLY MAINTAINED THROUGHOUT THE PROJECT. THEY SHALL REMAIN IN PLACE ONLY AS LONG AS THEY ARE NEEDED AND SHALL BE IMMEDIATELY REMOVED THEREAFTER. WHERE OPERATIONS ARE PERFORMED IN STAGES, THERE SHALL BE IN PLACE ONLY THOSE DEVICES THAT APPLY TO THE CONDITIONS DURING THAT PARTICULAR STAGE. ALL SIGNS WITH MESSAGES WHICH DO NOT APPLY DURING A CERTAIN PERIOD SHALL BE COVERED OR REMOVED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF ASHVILLE AND ODOT DISTRICT 6 TWO WEEKS PRIOR TO BEGINNING WORK AND WEEKLY THEREAFTER TO DISCUSS ANY CHANGES TO THE MAINTENANCE OF TRAFFIC PLAN AND/OR COMPLETION DATE. BEFORE WORK IS STARTED ON THIS PROJECT THE CONTRACTOR SHALL SUBMIT A WRITTEN SCHEDULE OF OPERATION AND A TRAFFIC MAINTENANCE CONTROL PLAN FOR APPROVAL. NO WORK SHALL BE STARTED THAT WILL RESTRICT ANY LANE USAGE UNLESS IT IS THE INTENT OF THE CONTRACTOR TO WORK FULL TIME WITH A FULL FORCE IN ORDER TO COMPLETE THE WORK WITH NO UNNECESSARY DELAYS.

THE FOLLOWING DEVICES MUST MEET NCHRP 350 BEFORE THE DEVICES ARE INSTALLED ON THE PROJECT: DRUMS, CONES, VERTICAL PANELS AND THE PANEL SUPPORT, PORTABLE SIGN SUPPORTS, TEMPORARY IMPACT ATTENUATORS, TEMPORARY CONCRETE BARRIER, AND BARRICADES.

ALL CONSTRUCTION SIGNAGE SHALL BE INSTALLED AND COVERED BEFORE CONSTRUCTION SHALL BEGIN. AFTER CONSTRUCTION SIGN INSTALLATION, THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF ASHVILLE AND ODOT DISTRICT 6 THREE WORKING DAYS BEFORE WORK BEGINS AND REQUEST AN INSPECTION OF ALL SIGNAGE.

FACES OF CONSTRUCTION SIGNS AND REFLECTIVE SHEETING ON BARRICADES SHALL BE TYPE H (VIP). ALL ORANGE CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE. ALL SHEETING WILL BE TESTED FOR REFLECTIVITY PER ODOT 730.192. VERTICAL PANELS AND DRUM BANDS SHALL BE REFLECTORIZED WITH TYPE G (HIGH INTENSITY) SHEETING COMPLYING WITH THE REQUIREMENTS OF 730.19 ALL SIGNS AND BARRICADES, VERTICAL PANELS, AND DRUMS WILL BE LIKE NEW AND IN GOOD CONDITION IN CONFORMANCE WITH "QUALITY STANDARDS FOR WORK ZONE TRAFFIC CONTROL DEVICES" PUBLISHED BY ATSSA.

MAINTENANCE OF ALL CONTRACTOR SUPPLIED SIGNS, BARRICADES, VERTICAL PANELS AND DRUMS ARE THE CONTRACTOR'S RESPONSIBILITY. IF THE CONTRACTOR FAILS TO CORRECT DEFICIENCIES WITHIN FOUR HOURS OF NOTIFICATION, THE VILLAGE OF ASHVILLE SHALL CORRECT OR HIRE SOMEONE TO CORRECT THE DEFICIENCIES. THE CONTRACTOR SHALL THEN BE BACK-CHARGED PER ODOT SPECIFICATION 614. IN THE CASE THAT BACK-CHARGING THE CONTRACTOR IS NOT APPLICABLE, THE VILLAGE OF ASHVILLE/COUNTY WILL RESCIND AND WITHHOLD ALL PERMITS ISSUED TO THE CONTRACTOR TO WORK WITHIN THE RIGHT-OF-WAY UNTIL THE ISSUE IS SETTLED.

THESE PROVISIONS SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR OF ANY OF HIS LEGAL RESPONSIBILITIES OR LIABILITIES FOR THE SAFETY OF THE PUBLIC.

ALL BARRICADES AT CLOSURES SHALL HAVE YELLOW TYPE A LOW INTENSITY FLASHING WARNING LIGHTS. ALL BARRELS SHALL HAVE YELLOW TYPE C STEADY BURN LIGHTS. ALL SIGNS NINE SQUARE FEET (36" X 36") AND OVER SHALL HAVE YELLOW TYPE A LOW INTENSITY FLASHING WARNING LIGHTS AND TWO FLAGS.

ITEM 614: MAINTAINING TRAFFIC, AS PER PLAN (CONTINUED)

DRUMS SHALL BE PLACED AS FOLLOWS: 40' C/C ON TANGENTS, 10' C/C ON TAPERS; AND 10' C/C IN RADII.

ENOUGH TYPE III BARRICADES SHALL BE PROVIDED TO CLOSE ALL LANES AS DIRECTED BY THE ENGINEER.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH ODOT CMS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE LATEST VERSION OF THE ODOTCD. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, AS PER PLAN, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

PERMANENT STRIPING OR CLASS I TEMPORARY STRIPING SHALL BE INSTALLED NO LATER THAN FOURTEEN (14) CALENDAR DAYS AFTER THE FINISH PAVING COURSE IS COMPLETED. THE PAVING CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY THE STRIPING CONTRACTOR TO INSURE THE PERMANENT STRIPING IS INSTALLED WITHIN THE FOURTEEN (14) CALENDAR DAY LIMIT. ALL PRE-MARKING MATERIALS AND ASSOCIATED COSTS SHALL BE INCLUDED WITHIN ITEM 614-MAINTAINING TRAFFIC AS PER PLAN.

AT LEAST ONE LANE IN EACH DIRECTION ON STATE ROUTE 752 SHALL BE MAINTAINED AT ALL TIMES EXCEPT DURING ALLOWABLE WORKING HOURS.

DROPOFF CONDITIONS SHALL MEET STANDARD DRAWING MT-101.90 OUTSIDE OF WORKING HOURS.

PERMANENT TRAFFIC CONTROL

THE ROADWAY SHALL NOT BE OPENED TO TRAFFIC UNTIL PERMANENT TRAFFIC CONTROLS ARE IN PLACE OR UNTIL TEMPORARY TRAFFIC CONTROLS, APPROVED BY THE VILLAGE ENGINEER, ARE INSTALLED. THE CONTRACTOR ASSUMES ALL LIABILITY FOR THE PREMATURE REMOVAL OF TEMPORARY TRAFFIC CONTROL.

ALL PERMANENT TRAFFIC CONTROLS NOT IN CONFLICT WITH THE TEMPORARY TRAFFIC CONTROLS SHALL BE MAINTAINED THROUGHOUT THE PROJECT BY THE CONTRACTOR. THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR MISSING, DAMAGED, AND IMPROPERLY PLACED TRAFFIC CONTROL DEVICES.

ITEM 614 – LAW ENFORCEMENT OFFICER (WITH PATROL CAR)

IN ADDITION TO THE REQUIREMENTS OF ODOT CMS 614 AND THE ODOTCD, A UNIFORMED LAW ENFORCEMENT OFFICER (LEO) AND OFFICIAL PATROL CAR WITH WORKING TOP MOUNTED EMERGENCY FLASHING LIGHTS, SHALL BE PROVIDED FOR CONTROLLING TRAFFIC FOR THE FOLLOWING TASKS:

1. FOR ALL LANE CLOSURES. LEO'S SHALL BE USED WHERE THE ODOTCD INTENDS THAT FLAGGERS BE USED.
2. DURING THE ENTIRE ADVANCE PREPARATION AND CLOSURE SEQUENCE WHERE COMPLETE BLOCKAGE OF TRAFFIC IS REQUIRED.
3. DURING A TRAFFIC SIGNAL INSTALLATION.
4. FLAGGING THROUGH THE TRAFFIC SIGNAL AT THE INTERSECTION OF STATE ROUTE 752 AND LONG STREET.

THE LEOS ARE CONSIDERED TO BE EMPLOYED BY THE CONTRACTOR AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR ACTIONS. ALTHOUGH THEY ARE EMPLOYED BY THE CONTRACTOR, THE ENGINEER SHALL HAVE CONTROL OF THEIR PLACEMENT. THE OFFICIAL PATROL CAR SHALL BE A PUBLIC SAFETY VEHICLE AS REQUIRED BY THE OHIO REVISED CODE. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR THESE SERVICES WITH THE VILLAGE OF ASHVILLE POLICE DEPARTMENT.

LAW ENFORCEMENT OFFICERS (WITH PATROL CAR) REQUIRED BY THE MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A UNIT PRICE (HOURLY) BASIS UNDER ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR).

THE HOURS PAID SHALL INCLUDE MINIMUM SHOW UP TIME OF 24 HOURS.

DUST CONTROL

THE CONTRACTOR SHALL FURNISH AND APPLY WATER-ITEM 616 AND CALCIUM CHLORIDE-ITEM 616, FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. ALL COSTS ARE TO BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614 MAINTAINING TRAFFIC.

LOCAL ACCESS

INGRESS AND EGRESS SHALL BE MAINTAINED TO ALL RESIDENTIAL AND COMMERCIAL PROPERTIES. DRIVEWAY CLOSURE MAY BE NECESSARY TO ENABLE WORK ON OR IN FRONT OF A DRIVE. THE CONTRACTOR WILL BE RESPONSIBLE FOR NOTIFYING OWNERS, RESIDENTS, OR BUSINESS OPERATORS IN WRITING AT LEAST 48 HOURS BUT NOT MORE THAN 72 HOURS PRIOR TO CLOSURE. THE ENGINEER SHALL BE GIVEN A LIST OF THE PERSONS THAT WERE GIVEN NOTICES WITH THE DATE OF NOTICE INCLUDED. CLOSURE IS PERMITTED ONLY DURING WORK HOURS AND ACCESS MUST BE RETURNED AT THE END OF EACH WORKING DAY. PROPERTIES WITH MULTIPLE DRIVES MAY HAVE ONE DRIVE CLOSED AT A TIME, WHILE WORK IS PERFORMED IN THE AREA OF THE CLOSED DRIVE.

INDIVIDUAL DRIVE CLOSURES SHALL BE KEPT TO THE MINIMUM TIME NEEDED FOR CONSTRUCTION ACTIVITIES, EVERY EFFORT MUST BE MADE TO ACCOMMODATE THE OWNER'S NEED FOR ACCESS.

ACCESS FOR MAIL AND EMERGENCY SERVICES SHALL BE MAINTAINED AT ALL TIMES.

PEDESTRIAN ACCESS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND SAFE MOVEMENT OF PEDESTRIANS THROUGH, AROUND, AND AWAY FROM THE CONSTRUCTION SITE.

THE SAFETY OF PEDESTRIAN TRAFFIC SHALL BE CONSIDERED AT ALL TIMES IN THE PROVISION OF TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS AND NOTES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE LIGHT, SIGNS, BARRICADES, AND OTHER WARNINGS TO PHYSICALLY SEPARATE THE PEDESTRIAN FROM HAZARDS INCIDENTAL TO THE CONSTRUCTION OPERATIONS SUCH AS OPEN EXCAVATIONS, ETC. AT ALL TIMES, THE PEDESTRIAN MOT SHALL BE SUBJECT TO THE APPROVAL OF THE VILLAGE ENGINEER.

TRENCH FOR WIDENING

THE OPEN TRENCH SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH DRUMS OR BARRICADES AT ALL TIMES. PLACEMENT OF PROPOSED SUBBASE AND BASE MATERIAL SHALL FOLLOW AS CLOSELY AS POSSIBLE BEHIND EXCAVATION OPERATIONS. THE LENGTH OF THE WIDENING TRENCH SHALL OF ALL TIMES BE KEPT TO A MINIMUM AND SUBJECT TO APPROVAL OF THE VILLAGE ENGINEER. ANY OPEN EXCAVATION NOT PROTECTED BY PCB SHALL HAVE A TEMPORARY WEDGE TREATMENT CONSTRUCTED OF FIRM AND UNYIELDING MATERIAL PROVIDING A MAXIMUM 3:1 SLOPE FROM THE TOP OF THE TRENCH TO THE BOTTOM SUBJECT TO THE APPROVAL OF THE VILLAGE ENGINEER.

OVERNIGHT TRENCH CLOSING

THE TEMPORARY PAVEMENT AND/OR BASE WIDENING SHALL BE COMPLETED TO A DEPTH OF NO MORE THAN 5 INCHES BELOW THE EXISTING PAVEMENT BY THE END OF EACH WORK DAY. NO TRENCH SHALL BE LEFT OPEN OVERNIGHT. IN CASE WORK MUST BE SUSPENDED BECAUSE OF INCLEMENT WEATHER OR OTHER REASONS, THE TRENCH FOR THE UNCOMPLETED TEMPORARY PAVEMENT AND/OR BASE WIDENING SHALL BE BACKFILLED AT THE DIRECTION OF THE ENGINEER.

TRAFFIC SIGNAL

CONTRACTOR SHALL COORDINATE ALL PHASES OF CONSTRUCTION WITH THE VILLAGE OF ASHVILLE. THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF ASHVILLE TO HAVE THE TRAFFIC SIGNAL PUT ON YELLOW/RED FLASHING DURING CONSTRUCTION, PER ALL O.D.O.T. & O.M.U.T.C.D. REQUIREMENTS.

WORKING HOURS

DAY OF THE WEEK	WORKING TIME
SUNDAY	NONE
MONDAY – FRIDAY	8 A.M. TO 4 P.M.
SATURDAY	9 A.M. TO 4 P.M.

HOLIDAY'S

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR EVENTS:

CHRISTMAS	NEW YEARS
MEMORIAL DAY	THANKSGIVING
LABOR DAY	JULY 4TH

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF THE WEEK	TIME ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	12:00N FRIDAY THROUGH 12:00N MONDAY
MONDAY	12:00N FRIDAY THROUGH 12:00N TUESDAY
TUESDAY	12:00N MONDAY THROUGH 12:00N WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 12:00N THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 12:00N MONDAY
FRIDAY	12:00N THURSDAY THROUGH 12:00N MONDAY
SATURDAY	12:00N FRIDAY THROUGH 12:00N MONDAY

WITHIN THE LENGTH OF CONSTRUCTION, PROVISIONS SHALL BE MADE TO CONTROL TRAFFIC ENTERING FROM INTERSECTING STREETS AND MAJOR DRIVES AS NECESSARY TO PREVENT WRONG WAY MOVEMENTS AND TO KEEP VEHICLES OFF OF NEW PAVEMENT.

SEQUENCE OF CONSTRUCTION

PHASES 1 THRU 6 SHALL INCLUDE BUT NOT BE LIMITED TO ALL PAVEMENT, BERM, DRIVE APPROACHES, SIDE STREETS, CURBS, CURB RAMPS, STORM SEWER, STORM SEWER STRUCTURES AND TRAFFIC POLES. PHASES 1 THRU 6 SHALL NOT INCLUDE ITEM 448 – 1-1/4" ASPHALT CONCRETE SURFACE COURSE AND THE PERMANENT PAVEMENT MARKINGS AND SIGNAGE.

THE CONTRACTOR SHALL COMPLETE EACH PHASE AND OBTAIN THE APPROVAL OF THE VILLAGE ENGINEER PRIOR TO BEGINNING THE NEXT PHASE OF THE CONSTRUCTION.

PHASE 1
PHASE 1 CONSTRUCTION WILL INVOLVE THE SOUTH SIDE OF THE WEST LEG OF STATE ROUTE 752 FROM STA. 90+60 TO STA. 94+77. THIS PHASE OF CONSTRUCTION WILL UTILIZE A FLAGGER CLOSING 1-LANE OF A 2-LANE ROAD, PER ODOT STANDARD CONSTRUCTION DRAWING – MT 97.10.

PHASE 2
PHASE 2 CONSTRUCTION WILL INVOLVE THE SOUTH SIDE OF THE EAST LEG OF STATE ROUTE 752 FROM STA. 95+13 TO STA. 99+29. THIS PHASE OF CONSTRUCTION WILL UTILIZE A FLAGGER CLOSING 1-LANE OF A 2-LANE ROAD, PER ODOT STANDARD CONSTRUCTION DRAWING – MT 97.10.

PHASE 3
PHASE 3 CONSTRUCTION WILL INVOLVE THE NORTH SIDE OF STATE ROUTE 752 FROM STA. 90+60 TO STA. 99+29. THIS PHASE OF CONSTRUCTION WILL UTILIZE A LANE SHIFT AND MAINTAIN 2-WAY/2-LANES OF TRAFFIC.

PHASE 4
PHASE 4 CONSTRUCTION WILL INVOLVE THE WEST SIDE OF THE SOUTH LEG OF LONG STREET FROM STA. 6+53 TO 9+87. THIS PHASE OF CONSTRUCTION WILL UTILIZE A FLAGGER CLOSING 1-LANE OF A 2-LANE ROAD, PER ODOT STANDARD CONSTRUCTION DRAWING – MT 97.10.

PHASE 5
PHASE 5 CONSTRUCTION WILL INVOLVE THE WEST SIDE OF THE NORTH LEG OF LONG STREET FROM STA. 10+10 TO STA. 13+68. THIS PHASE OF CONSTRUCTION WILL UTILIZE A FLAGGER CLOSING 1-LANE OF A 2-LANE ROAD, PER ODOT STANDARD CONSTRUCTION DRAWING – MT 97.10.

PHASE 6
PHASE 6 CONSTRUCTION WILL INVOLVE THE EAST SIDE OF LONG STREET FROM STA. 6+53 TO STA. 13+68. THIS PHASE OF CONSTRUCTION WILL UTILIZE A LANE SHIFT AND MAINTAIN 2-WAY/2-LANES OF TRAFFIC.

REVISIONS	
JOB NO.	2279
DRAWN BY	MJM
DESIGN BY	DBM
CHECKED BY	BJS

**VILLAGE OF ASHVILLE
200 EAST STATION STREET
ASHVILLE, OHIO 43103**

CONTRACT PROPOSAL

AND

SPECIFICATIONS

FOR

**GRIGGS STREET RAILROAD CROSSING
RELOCATION PROJECTS
OPWC PROJECT CT81P/CT82P**

LETTING DATE: September 17, 2014

CONTRACTOR: _____

**MAYOR
CLERK/TREASURER
VILLAGE ADMINISTRATOR**

**CHUCK WISE
APRIL GRUBE
FRANKLIN CHRISTMAN**

**VILLAGE OF ASHVILLE
200 EAST STATION STREET
ASHVILLE, OHIO 43103**

**CONTRACT PROPOSAL
AND
SPECIFICATIONS
FOR**

**GRIGGS STREET RAILROAD CROSSING
RELOCATION PROJECTS
OPWC PROJECT CT81P/CT82P**

Franklin Christman
Village Administrator

Consulting Engineer:
Pomeroy & Associates Ltd.
599 Scherers Court
Worthington, Ohio 43085
614-885-2498

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Appendix A

VILLAGE OF ASHVILLE PROJECTS

BIDDER'S CHECKLIST

DISCLAIMER- This checklist is not intended to relieve the bidder of the responsibility to provide other required documents. Rather, this checklist is offered merely to serve as an aid in assisting in the preparation of the bid. Notice is hereby given that the failure to submit all required documents duly and properly constituted including but not limited to all required signatures may result in the rejection of your bid on the basis that the bid is non-responsive.

- Type of Proposal Guaranty and amount (expressed in dollars) - P-2
- Name and address of Bidder - P-2
- Unit Price and Lump Sum Bid Sheets Completed
- Completed application for certification attached
- Bid totaled
- Receipt of Addenda Acknowledged - P-3
- Proposal signed by authorized person and dated - P-3
- Qualifications and Resources of Bidder completed - P-4, 5, 6, 7
- Proposed subcontractor information completed - P-8, 9
- Non-Collusion Affidavit completed and notarized - P-10
- Proposal Guaranty

IF PROPOSAL BOND

- Bond Form completed - P-11
- Signature of Bidder and Surety - P-11
- Authority of Agent to bind Surety attached - P-12
- Financial statement of Surety attached - P-13
- Current State of Ohio Department of Insurance Certificate of Compliance - P-14

IF CERTIFIED CHECK

- Certified Check payable to "Village of Ashville, Ohio" attached

- Proposal Affidavit completed and notarized - P-15
- State of Ohio Equal Employment Opportunity Requirements & Bid Conditions for OPWC-Assisted Construction Projects – Appendix A
- Submit **ENTIRE** Bid Submittal Document in sealed envelope.

BID INFORMATION

Sealed proposals will be received by the Village Administrator of the Village of Ashville, Ohio at the office of the Village Administrator, 200 East Station Street, Ashville OH 43103, until 3:00 p.m., Local Time, on **Wednesday, September 17, 2014**, and publicly opened and read at that hour and place for the following project:

GRIGGS STREET RAILROAD CROSSING RELOCATION PROJECTS **OPWC PROJECT CT81P/CT82P**

The Village of Ashville contact person for this contract is Chris Tebbe, PE, Village Engineer at (614)885-2498. The work for which proposals are invited consists of the relocation of a railroad crossing, storm sewer improvements, roadway removal, grading and paving and such other work as may be necessary to complete the contract in accordance with the plans and specifications. Copies of the Contract Documents, the bid book and the plans **in digital format** will be available for pickup starting August 27, 2014 and are on file at the office of the Village Administrator, 200 East Station Street, Ashville OH 43103. The documents are available to prospective bidders for a non-refundable cost of \$25.00 per set on a no-refund basis. No partial units will be released.

Proposals must be submitted on the proper forms contained in the Bid Submittal Documents and the Bid Submittal Documents containing the Proposal must be submitted **IN THEIR ENTIRETY** in a sealed envelope marked:

GRIGGS STREET RAILROAD CROSSING RELOCATION PROJECTS **OPWC PROJECT CT81P/CT82P**

PROPOSAL GUARANTY

The bidder is required to submit a Proposal Guaranty, consisting of either a Proposal bond, in the form provided in the Bid Submittal Documents with a surety or sureties licensed to conduct business in the State of Ohio, or a certified check drawn on a solvent bank made payable to the Treasurer - Village of Ashville, Ohio. The amount of the guaranty shall not be less than ten (10) percent of the bid including all alternates submitted which increase the bid. A certified copy of the authority to act must accompany all bonds signed by an agent.

PREVAILING WAGE RATE

Attention of the bidder is called to the special requirements that are included in the Bid Submittal Documents regarding prevailing rates of wages to be paid.

CONTRACT PERFORMANCE AND PAYMENT BOND

A contract performance and payment bond of 100 percent of the amount of the contract with a surety or sureties licensed to conduct business in the State of Ohio according to Section 103.05 of the City of Columbus Construction & Materials Specifications, latest edition, will be required to assure the faithful performance of the work.

CONSTRUCTION AND MATERIAL SPECIFICATIONS

Numbered paragraphs to which reference is made in these Bid Submittal Documents refer to the Ohio Department of Transportation Construction and Materials Specifications, latest edition and will become part of the terms and conditions of the contract to be awarded. Said specifications are hereby made a part of these Bid Submittal Documents. Bidders are required to examine Section 100, General Provisions, for the requirements necessary to submit a proposal. Copies of said Construction and Material Specifications may be examined and/or purchased at the office of the Ohio Department of Transportation, Office of Contracts, 1980 West Broad Street, Columbus, Ohio 43223 (614) 466-3778.

QUALIFICATION AND RESOURCE FACTORS FORM AND AFFIDAVIT OF BIDDER

Each responsive bidder shall submit with its bid, a completed Qualification and Resource Factors Form and a completed and notarized Affidavit of Bidder.

BID CANCELLATION AND REJECTIONS

The right is reserved by the Village Administrator of the Village of Ashville, Ohio to cancel the Advertisement for Bids, to reject any and/or all bids, to waive technicalities, to hold bids for a period of 180 days after the bid opening, and/or to advertise for new proposals, when it is in the best interest of the Village.

SUBSURFACE DATA

Subsurface data was not obtained for this project.

CONTRACT COMPLETION

The work under this contract shall be completed in a manner acceptable to the Village within **240** calendar days after the effective date of the Notice to Proceed.

SPECIAL REQUIREMENTS

Particular attention is called to the statutory requirements of the State of Ohio relative to licensing of corporations organized under the laws of any other state.

SPECIAL PROVISIONS

SP-1 STANDARD SPECIFICATIONS

The Village of Ashville requirements, together with the latest edition of the State of Ohio Department of Transportation and the City of Columbus Construction and Material Specification, shall govern all construction items, material, workmanship, etc. that are a part of this project, in force on the date of contract, unless otherwise noted. Except as such specifications are modified by the construction plan general notes and/or specifications or by the construction details set forth herein. The contractor shall also conform to requirements of the Village of Ashville general provisions and the standard City of Columbus detail construction drawings. If there are any discrepancies, the Village of Ashville requirements shall govern.

SP-2 MATERIAL STANDARDS

The equipment, items, devices, materials, forms of construction, fixtures, etc., named specifically in the Contract Documents have been carefully selected by the Village to establish a standard for the type and equality of articles to be furnished. The bid evaluation shall be based upon the furnishing of these named Standards by the Contractor.

Where a Standard is named accompanied by the words "or equal", the product of any source may be submitted for review and consideration provided that the product furnished is equal in all respects to the named Standard.

The Engineer shall be the sole judge and arbiter of the fitness of all items submitted for approval as "or equals". The Engineer alone shall determine the extent of any special features or modifications required to render an "or equal" item acceptable in all respects to the apparent and intrinsic features of the named Standard. In order for an item of material or equipment to be considered "an equal" to a named Standard, the alternate item must not detract from the quality of performance that would have been provided by the use of the named Standard. Determination of equality will consider materials of construction, design features, construction features, compatibility with adjacent items of work, performance parameters, maintainability, durability, operability, finish and workmanship, quality of service representation, maintenance and operation documentation, financial ability of the manufacturers, locations of successful installations, compliance with Bid Submittal Documents and other qualities that may affect the determination.

Should special features or modifications be required upon the product (or modifications to the adjacent features of the work be required to accommodate the product), such features or modifications shall be made at no additional cost to the Village. If the Engineer is not satisfied that the "or equal" item is an acceptable alternative to the named Standard, a named Standard shall be furnished by the Contractor at no additional cost to the Village.

SP-3 RIGHT OF PROPERTY IN MATERIALS

Nothing in the contract shall be considered as vesting in the Contractor any right of property in materials used, after they shall have been attached or affixed to the work or the soil, but all such materials shall, upon being so attached or affixed, become the property of the Village.

SP-4 TREE REMOVAL/ TRIMMING

When tree trimming and/or tree removal is necessary on Village property, the Contractor shall obtain the appropriate permits from the Village of Ashville Street Department. When tree removal and/or tree trimming is necessary in easements and/or on private property, the Contractor shall comply with the requirements of Section 201-Clearing and Grubbing of the City of Columbus, Construction and Material Specifications, latest edition.

SP-5 SEEDING AND MULCHING

The areas to be seeded, mulched and fertilized and paid for under this item shall include all site areas designated by the Engineer, and areas within the right-of-way and within the permanent and construction easement areas. All areas outside the easement areas which have been disturbed or destroyed by the Contractor shall be restored and seeded by the Contractor at his own expense. The unit of payment for seeding and mulching will be square yards.

SP-6 PRECONSTRUCTION CONFERENCE REQUIRED

No work shall be commenced under this Contract until a Preconstruction Conference has been held at the Village offices. In general, 14 days are required to notify all interested parties of a Preconstruction Conference. Upon confirmation of a valid Contract, the Village will mail Preconstruction Conference notices to all interested parties by first-class mail. The Contractor shall take due note of this requirement and aid in the timely scheduling of the Preconstruction Conference to avoid unnecessary delays in the commencement of the work.

SP-7 DEWATERING

Any well, well point, pit, or other device installed for the purpose of lowering the ground water level to facilitate construction of this project shall be properly abandoned in accordance with the provisions of Section 3745-9-10 of the Ohio Administrative Code or in accordance with the provisions of this plan or as directed by the Director of OEPA or his representative.

Any person installing any well, well point, pit or other device used for the purpose of removing ground water from an aquifer shall complete and file a Well Log and Drilling Report form with the Ohio Department of Natural Resources, Division of Water, within 30 days of the well completion in accordance with the Ohio Revised Code Section 1521.01 and 1521.05. In addition, any such facility that has a capacity to withdraw waters of the state in an amount greater than 100,000 gallons per day from all sources shall be registered by the owner of the withdrawal device with the Chief of the Division of Water, Ohio Department of Natural Resources, within three months after the facility is completed in accordance with Section 1521.16 of the Ohio Revised Code. For copies of the necessary well log, drilling report, or registration forms, please contact:

Division of Water
Ohio Department of Natural Resources
Fountain Square
Columbus, Ohio 43224-1387
(614) 265-6717

The Contractor shall be solely responsible to ODNR for the registry, maintenance and abandonment of any withdrawal device used in the construction of the project.

SP-8 LITIGATION

All claims, counterclaims, disputes and other matters in question between the Village, its agents and employees, and the Contractor arising out of or relating to this agreement or its breach will be decided in a court of competent jurisdiction within the County of Pickaway, State of Ohio, and the law of Ohio shall govern.

SP-9 INTERPRETATIONS AND ADDENDA

Questions as to the interpretation of the Contract Documents shall be submitted in writing to the Chris Tebbe, PE, Village Engineer, Pomeroy & Associates, 599 Scherers Court, Worthington, OH 43085. In order to receive consideration, questions must be received at least seven (7) days prior to the date fixed for the opening of bids. Any interpretations of questions so raised, which in the opinion of the Village or its representative require interpretations, will be issued by Addenda mailed, faxed or delivered to holders of record no later than five (5) days prior to the date fixed for the opening of bids. The Village or its representative will not be bound by any oral interpretations which are not reduced to writing and included in the addenda.

SP-10 INCREASED OR DECREASED ITEMS

The description of unit price items in the proposal which are identified as "increase or decrease" items are so identified for the purpose of establishing a unit price for payment for increases or decreases in the particular item during performance of the work. For the purpose of bid preparation and evaluation, all such "increase or decrease" items shall be computed as increases.

SP-11 SPECIALTY ITEMS

The following items in this contract, if sublet, will be treated as "Specialty Items":

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>ITEM NO.</u>	<u>DESCRIPTION</u>
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SP-12 SHUT-OFF OF UTILITIES

In the event that the work requires a shut-off of any public or private utilities, the Contractor shall notify the affected subscribers of the time of such shut-off and the probable time that service will be restored. The Contractor shall make such notification at least 48 hours prior to such shut-off, unless otherwise directed by the Engineer.

All shut-offs and turn-ons will be made under the direction and supervision of personnel of any affected utilities and the Contractor shall furnish all assistance required including tools and equipment. The time and place of such shut-offs shall be designated by the Engineer.

The cost of the work in this article shall be included in the price bid for the various items and no additional payment will be made for said work.

SP-13 TAXES

The Contractor shall include in its bid and pay all state and local sales, consumer and use taxes. Materials purchased for incorporation into the work will be exempt from State of Ohio and local sales tax. The Contractor shall make arrangements with the Village Tax Officer to fulfill any obligations regarding the Ashville Village Income Tax. Failure to comply with the Village Tax requirements will cause payment of retainage to be delayed by the Village in addition to other remedies allowed by the law.

SP-14 CONTINGENCY

Bid Item - Special – “Force Account” shall be fifteen percent of the total of all Bid Items listed on the Bid Proposal Sheets. All or portions of this item will be paid to the Contractor only in the event of unforeseen conditions or changes in the work that results in an executed change order. This item does not represent a cap or limit on the total cost of project change orders. Refer to provisions in CMS Sections 104.03 and 109.04.

SP-15 COMPUTERIZED BID SHEET

Bidders may submit an 8 1/2" x 11" computerized bid sheet or sheets attached to the bid proposal. The computerized bid sheet or sheets must meet the following requirements:

1. reference numbers, description, units and quantities included,
2. a unit price per/item,
3. an extension price per/item,
4. project name, number, and date on each sheet,
5. subtotals and totals clearly identified,
6. blanks where appropriate,
7. in the event of a deleted item - the word *deleted* inserted,
8. lines between columns and items,
9. each page numbered,
10. a general summary of subtotals must be shown on the last sheet,
11. the contractor's contract compliance number must appear on each computerized sheet,
12. the following statement must appear on the last sheet of the computerized bid: "The bidder's TOTAL is only for reference at the bid opening. The Village will verify that the TOTAL price and the individual unit and/or lump sum prices correspond. If there is a discrepancy, the unit and/or lump sum prices shall govern."

Be advised further that the bidder is solely responsible to prepare its computerized bid sheets in accordance with the above requirements and Section 102.06 of the CMS, failure to fully comply with the designated format shall result in the rejection of the bidder's bid.

SP-16 FORCE ACCOUNT WORK

The specific Sections of 109.05 of the CMS are amended as follows:

Labor:

For all labor and foremen in direct charge of the specific operations, the Contractor shall receive the rate of wages and fringe benefits currently in effect at the time the work is performed for each and every hour that said labor and foremen are actually engaged in such work. To which may be added an amount equal to 38% of the sum thereof (wages and fringe benefits).

In addition to the above, the Contractor can receive the actual cost of Social Security Tax, Workers' Compensation and State and Federal Unemployment Insurance by itemizing the above items. This percentage will be taken on the Wages Paid.

In lieu of itemizing the above items, 15% of the sum of Wages and Fringe Benefits may be added.

Material:

For materials accepted by the Engineer, the Contractor shall receive the actual cost of such materials delivered to the project and used. To this, the sum of 15% may be added.

Equipment (Owned):

For any machinery or special equipment, other than small tools, which may be deemed necessary or desirable to use, for the Force Account, the Contractor shall receive payment for said equipment actually engaged in such work (hourly, daily, weekly or monthly). For all machinery or special equipment already employed on the project site at the time of said work, the Rental Rate Blue Book shall apply. The monthly rate will be divided by 176 to arrive at the hourly rate.

Stand-by or Idle Equipment:

With the Engineer's approval all equipment that was idled will be paid for by the hourly rate of compensation which will be monthly rate times a factor of 0.50 divided by 176 hours per month, with no operating costs added.

Equipment (Rental):

For equipment that is rented and used on force account, 15% may be added to the rental price.

Supervisor's Transportation:

A flat hourly rate, which includes fuel and lubricants, will be arrived from the Rental Rate Blue Book, monthly rate divided by 176.

Operating Costs:

For all equipment except the supervisor's transportation, for every hour worked, you may add the estimated operating cost as outlined in the Rental Rate Blue Book.

Subcontracted Work:

For work performed by an approved subcontractor, the Prime will be allowed to add 5% to cover administrative cost, not to exceed \$5,000.00.

SP-17 PROPOSAL GUARANTY OR BOND.

Section 102.08 of the CMSC is revised and amended as follows:

“No proposal will be considered unless accompanied by a bond or certified check drawn on a solvent bank made payable to the Village of Ashville, Ohio, in an amount not less than 10 percent of the Bidder’s Proposal, conditioned upon execution of the contract and the furnishing of a performance bond in the event the contract is awarded to the bidder. The amount of the bid bond shall be expressed either as a percentage of the total bid (10%) or numerically in dollars and cents. The amount indicated in the proposal bond shall include the amount of the bid including all alternatives submitted which increase the bid. The bond amount shall be equal to or exceed 10 percent of this total amount.”

SP-18 CAMPAIGN CONTRIBUTIONS

Contractor hereby certifies the following: that it is familiar with Ohio Revised Code (“O.R.C.”) Section 3517.13; that all applicable parties listed in Division (I)(3) or (J)(3) of O.R.C. Section 3517.13 are in full compliance with Divisions (I)(1) and (J)(1) of that Section; that it is eligible for this contract under the law and will remain in compliance with O.R.C. Section 3517.13 for the duration of this contract and for one year thereafter.

SP-19 EQUAL BUSINESS OPPORTUNITIES INFORMATION.

The Village of Ashville encourages the participation of certified minority and female business enterprises. All bidders/offerors shall identify all such subcontractor(s) who will perform any type of contracting on Village bid/proposal(s). All bidders/offeror(s) shall include in their bid/proposal response the anticipated cost and scope of work performed by all subcontractor(s).

PROPOSAL

TO THE VILLAGE OF ASHVILLE, OHIO FOR construction of:

GRIGGS STREET RAILROAD CROSSING RELOCATION PROJECTS **OPWC PROJECT CT81P/CT82P**

and doing such other work incidental thereto, all in accordance with the Contract Drawings, the appurtenant reference drawings and specifications provided therefore.

The signer of this Proposal, as bidder, understands that the work for which this Proposal is submitted is based on the prevailing wage rates herein, which prevailing wage rates, if the Contract is awarded to the said bidder and entered into by the Village of Ashville, Ohio, and the said bidder, will be paid to the various classes of labor employed upon the work.

EVERY BIDDER MUST TAKE NOTICE OF THE FACT THAT EVEN THOUGH ITS PROPOSAL MAY BE ACCEPTED AND THE DOCUMENTS SIGNED BY THE BIDDER TO WHOM AN AWARD IS MADE AND BY THE VILLAGE ADMINISTRATOR ON BEHALF OF THE VILLAGE, THAT NO SUCH AWARD OR SIGNING BY THE VILLAGE ADMINISTRATOR ON BEHALF OF THE VILLAGE, SHALL BE CONSIDERED A BINDING CONTRACT WITHOUT APPROVAL OF LEGISLATION BY VILLAGE COUNCIL AUTHORIZING SUCH CONTRACT AND/OR EXPENDITURES, THE PROPER CERTIFICATE BY THE VILLAGE AUDITOR THAT FUNDS ARE AVAILABLE TO COVER THE COST OF THE WORK TO BE DONE, NOR WITHOUT THE APPROVAL OF THE VILLAGE ATTORNEY AS TO THE FORM AND LEGALITY OF THE CONTRACT AND ALL THE PERTINENT DOCUMENTS RELATING THERETO HAVING BEEN APPROVED BY SAID VILLAGE ATTORNEY. AND SUCH BIDDER IS HEREBY CHARGED WITH THIS NOTICE.

The signer of the Proposal, as bidder, also declares that the only person, persons, company or parties interested in this Proposal are named in this Proposal, that the bidder has carefully examined the Advertisement, Contract, Specifications, Supplemental Specifications, Special Provisions, Contract Bond, and Contract Drawings that the bidder's representative has made such investigation as is necessary to determine the character and extent of the work and it proposes and agrees that if this Proposal be accepted the bidder will contract with the Village of Ashville, Ohio, in the form of contract hereto annexed, to provide the necessary labor, materials, machinery, tools, and apparatus, to do all the work required to complete the Contract within the time mentioned in the Special Provisions and according to the requirements of the Village as herein and hereafter set forth, and furnish the required surety bonds for the following prices, to wit:

If the foregoing proposal shall be accepted by the Village of Ashville, Ohio, and the undersigned shall fail to execute a satisfactory contract as stated in the Advertisement hereto attached, then the Village may, at its own option, determine that the undersigned has abandoned the Contract, and thereupon this Proposal shall be null and void, and the certified check or bond accompanying this Proposal shall be forfeited to and become the property of the Village, and the full amount of said check shall be retained by the Village, or if the proposal bond be given, the full amount of such bond shall be paid to the Village as stipulated or liquidated damages, otherwise the bond or certified check accompanying this Proposal, or the amount of said check, shall be returned to the undersigned as specified herein.

Indicate Form of Proposal Guaranty

Attached hereto is a certified check made out to The Ashville Village Treasurer on _____ Bank, for the sum of _____ (\$ _____) Dollars, according to the terms of the Advertisement.

Attached hereto is a bond on _____ as surety, for the sum of _____ (\$ _____) according to the terms of the Advertisement.

The full names and residential addresses of all persons and parties interested in the foregoing bid are as follows: (If corporation, give the name and full addresses of the President and Secretary; if firm or partnership, list not only the names and addresses of the partners, but also the name and address of any person with whom bidder has any type of agreement whereby such person's improvement, enrichment, employment or possible benefit whether subcontractor, material supplier, agent, or employee is contingent upon the award of the contract to the bidder).

NAME	ADDRESS
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

RECEIPT OF ADDENDA ACKNOWLEDGEMENT

The undersigned hereby acknowledges receipt and acceptance of the following Addenda and further acknowledges that the provisions of each addendum have been included in the preparation of this bid:

ADDENDUM NO.	DATE	ADDENDUM NO.	DATE
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

PROPOSAL SIGNATURE

THIS PERSON SIGNING SHALL, IN THEIR OWN HANDWRITING, SIGN THE PRINCIPAL'S NAME, THEIR OWN NAME AND THEIR TITLE. THE PERSON SIGNING FOR A CORPORATION MUST, BY AFFIDAVIT, SHOW THEIR AUTHORITY TO BIND THE CORPORATION.

_____ Firm

By _____ Title _____

Business Address of Bidder _____

_____ Telephone _____

Dated at _____ this _____ day of _____, 2014.

QUALIFICATIONS AND RESOURCES OF BIDDER

At the time of bid, the bidder is required to provide detailed information on the forms herein, or on sheets attached to this page, evidence of the Bidder's responsibility, experience, skill and financial standing to complete this contract in the time allotted in the Special Provisions. This information will be used by the Village to determine if the proposal is the lowest responsible and responsive bid. If necessary, the Village may make other such investigations to determine the ability of the bidder to perform the work. The bidder shall furnish to the Village or its representative, in a timely manner all such information and data for this purpose as the Village or its representative may request.

1. List similar projects completed in the last 5 years including Owner's name, Project Name and Location, original completion date, final completion date, original contract amount, final contract amount and Owners contact person and telephone number.

A.
Owner _____ Contact Person and Telephone No. _____

Project _____ Original Contract Amount _____

Original Completion Date _____ Final Contract Amount _____

Final Completion Date _____

B.
Owner _____ Contact Person and Telephone No. _____

Project _____ Original Contract Amount _____

Original Completion Date

Final Contract Amount

Final Completion Date

C.
Owner _____

Contact Person and Telephone No.

Project _____

Original Contract Amount

Original Completion Date

Final Contract Amount

Final Completion Date

D.
Owner _____

Contact Person and Telephone No.

Project _____

Original Contract Amount

Original Completion Date

Final Contract Amount

Final Completion Date

2. List all current uncompleted private and public work including the same appropriate information asked for in No 1.

A.
Owner _____

Contact Person and Telephone No.

Project _____

Original Contract Amount

Original Completion Date

B.
Owner _____

Project _____

Original Completion Date

C.
Owner _____

Project _____

Original Completion Date

D.
Owner _____

Project _____

Original Completion Date

Contact Person and Telephone No.

Original Contract Amount

Contact Person and Telephone No.

Original Contract Amount

Contact Person and Telephone No.

Original Contract Amount

3. Identify your manpower and equipment owned and rented that are available to perform this work _____

4. Have you ever been assessed liquidated damages in the last 5 years?

Yes _____ No _____

If yes give details _____

5. Have you ever been debarred from bidding by any local, State or Federal agency?

Yes _____ No _____

If yes provide details _____

6. Who will be the Project Engineer, Project Manager and/or Project Superintendent for this Project? _____

PROPOSED SUBCONTRACTORS

Subcontractor No. 1: _____

Address: _____

Principal's Name: _____ Phone No. : _____

Subcontract Amount: \$ _____ Percentage of total dollar amount _____ %

Scope of Work: _____

Subcontractor No. 2: _____

Address: _____

Principal's Name: _____ Phone No. : _____

Subcontract Amount: \$ _____ Percentage of total dollar amount _____ %

Scope of Work: _____

Subcontractor No. 3: _____

Address: _____

Principal's Name: _____ Phone No. : _____

Subcontract Amount: \$ _____ Percentage of total dollar amount _____ %

Scope of Work: _____

Subcontractor No. 4: _____

Address: _____

Principal's Name: _____ Phone No. : _____

Subcontract Amount: \$ _____ Percentage of total dollar amount _____ %

Scope of Work: _____

Subcontractor No. 5: _____

Address: _____

Principal's Name: _____ Phone No. : _____

Subcontract Amount: \$ _____ Percentage of total dollar amount _____ %

Scope of Work: _____

Subcontractor No. 6: _____

Address: _____

Principal's Name: _____ Phone No. : _____

Subcontract Amount: \$ _____ Percentage of total dollar amount _____ %

Scope of Work: _____

NON-COLLUSION AFFIDAVIT

(This affidavit must be executed for the bid to be considered)

STATE OF _____

COUNTY OF _____

_____ being first duly sworn,

(Person)

deposes and says that he/she is _____

(Sole owner, partner, president, secretary, etc.)

of _____

(Firm)

the party making the foregoing proposal or bid; that to the best of his/her knowledge and belief:

1. The prices in the Proposal have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition as to any matter relating to such prices with any other Bidder or with any competitor.
2. Neither the Bidder nor any of its officers or directors have any financial or ownership interest in or are affiliated in any way with any other bidder on the same Contract.
3. Unless otherwise required by law, the prices which have been quoted in the Proposal have not been knowingly disclosed by the Bidder and will not knowingly be disclosed by the Bidder prior to the bid opening, directly or indirectly, to any other Bidder or to any competitor.
4. No attempt has been made or will be made by the Bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.

(Affiant)

Sworn to and subscribed before me _____ day of _____, 2014.

(Notary Public)

_____ County, Ohio.

My Commission expires:

PROPOSAL BOND

(Not to be filled out if a Certified check is submitted)

KNOW ALL MEN BY THESE PRESENTS: That we, the undersigned _____, as Contractor/Principal and _____, as surety, are held and firmly bound unto the Village of Ashville, Ohio, in the sum of _____ (\$ _____) Dollars, for the payment of which, well and truly to be made, we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors and assigns.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH THAT IF THE ATTACHED PROPOSAL OF _____ for the construction of the **GRIGGS STREET RAILROAD CROSSING RELOCATION PROJECTS OPWC PROJECT CT81P/CT82P**, as stipulated in said Proposal, by doing all work incidental thereto, in accordance with the plans and specifications provided therefore, all within the Village of Ashville, is accepted and the Contract awarded to the above named bidder, and the said bidder shall within ten (10) days after notice of said award enter into a contract, in writing, and furnish the required Contract Bond with surety, or sureties, approved by the Village Administrator, this obligation shall be void, otherwise the same shall be in force and virtue by law, and the full amount of this Proposal Bond will be paid to the Village, as stipulated or liquidated damages.

Signed this _____ day of _____, 2014.

(Contractor/Principal must indicate whether Corporation, Partnership, Company or Individual).

(Contractor/Principal)

THE PERSON SIGNING FOR THE CONTRACTOR/PRINCIPAL AND THE SURETY SHALL SIGN THEIR OWN NAME AND INDICATE THEIR TITLE. PERSONS SIGNING FOR CORPORATIONS SHALL SHOW THEIR AUTHORITY TO BIND THE CORPORATION BY AFFIDAVIT.

(Corporation, Partnership, Company or Individual)

By _____

(Title)

(Surety)

By _____

(Title)

ATTACH SURETY POWER OF ATTORNEY

ATTACH SURETY FINANCIAL STATEMENT

**ATTACH STATE OF OHIO DEPARTMENT OF
INSURANCE CERTIFICATE OF COMPLIANCE**

PROPOSAL AFFIDAVIT

(To be filled in and executed if the Contractor is a Corporation.)

County of _____

State of _____

_____, being duly sworn, deposes and says that he/she is
(Name of Affiant)

Secretary of _____

A corporation organized and existing under and by virtue of the laws of the

State of _____ and having its principle office at

(Number and Street)

(City/State)

(Zip Code)

Affiant further says that he/she is familiar with the records, minute books and by-laws of

_____. Affiant further says

that _____ is _____

(Name of person signing proposal/contract)

(Title)

of the Corporation and is duly authorized to sign the contract for:

GRIGGS STREET RAILROAD CROSSING RELOCATION PROJECTS
OPWC PROJECT CT81P/CT82P

for said Corporation by virtue of _____

(State whether a provision of by-laws or a resolution of the Board of Directors. If by resolution, give date of adoption.)

Signature of Affiant*

Sworn to before me and subscribed in my presence this _____ day of _____, 2014.

Notary Public in and for

(County)

(State)

*Affiant must be someone other than the signer of proposal/contract.

CONTRACT

THIS CONTRACT, pursuant to Ordinance No. _____, passed the ____ day of _____, 2014, made and entered into this ____ day of _____, 2014, by and between the Village of Ashville, State of Ohio, acting by and through its Village Administrator hereinafter designated the Village, and

(Contractor)

of the City of _____ County of _____ and State of _____ hereinafter designated the Contractor, WITNESSETH: That the parties to these presents, each in consideration of the undertaking, promises and agreements on the part of the other herein contained, have undertaken, promised and agreed to, do hereby undertake, promise and agree, the Village itself, its successors and assigns, and the Contractor for itself and its heirs, executors, administrators, successors and assigns, as follows:

The Contractor, in consideration of the sum of \$_____ herein specified to be paid by the Village to the Contractor, shall and will at its own cost and expense furnish all the labor, materials, tools and equipment for

GRIGGS STREET RAILROAD CROSSING RELOCATION PROJECTS
OPWC PROJECT CT81P/CT82P

in accordance with the Proposal and in accordance with the Specifications, and Special Provisions, together with the Advertisement, Proposal and Bonds hereto attached, and the drawings therein referred to, are hereby made a part of this Agreement, all of said work to be fully completed to the satisfaction of the Village by the time set forth in the special provisions.

If the Contractor shall fail to comply with any of the terms, conditions, provisions or stipulations of this Contract, according to the true intent and meaning thereof, then the Village may avail itself of any or all remedies provided in its behalf in the Contract and shall have the right and power to proceed with the provisions thereof.

THE CONTRACTOR HEREBY AGREES TO HOLD THE VILLAGE FREE AND HARMLESS FROM ANY AND ALL CLAIMS FOR DAMAGES, COST, EXPENSES, JUDGEMENTS OR DECREES, RESULTING FROM ANY OPERATIONS OF SAID CONTRACTOR, ITS SUBCONTRACTORS, AGENTS OR EMPLOYEES.

And, pursuant to Title Nine - Taxation, Chapter 181 Income Tax, Section 181.07 Payment of Tax, Village of Ashville, 1999:

(b) Collection at Source.

(1) In accordance with rules and regulations prescribed by the Administrator, each employer within or doing business within the Village of Ashville shall deduct, at the time of the payment of such salary, wages, commissions or other compensation, the tax of one percent (1.0%) per annum of the gross salaries, wages, commissions or other compensation due by the said employer to said employee and shall, on or before the last day of each month, make a return

and pay to the Administrator the amount of taxes so deducted during the previous month, provided, however, that if the amount of the tax so deducted by any employer in any one month is less than one hundred dollars (\$100.00), the employer may defer the filing of a return and payment of the amount deducted until the last day of the month following the end of the calendar quarter in which such month occurred.

IN WITNESS WHEREOF, the parties to the Agreement have hereunto set their hand and seals and have executed this Agreement, in triplicate, the day and year first above written.

(Contractor must indicate whether Corporation, Partnership, Company or Individual)

THE PERSON SIGNING FOR THE CONTRACTOR SHALL SIGN THE PRINCIPAL'S NAME, THEIR OWN NAME AND TITLE. WHERE THE PERSON IS SIGNING FOR A CORPORATION, THEY MUST, BY AFFIDAVIT, SHOW THEIR AUTHORITY TO BIND THE CONTRACTOR.

THE CONTRACTOR

(Name of Firm)

BY _____

(Title)

Contract Compliance Certification No.

**THE VILLAGE OF ASHVILLE,
OHIO**

Franklin Christman
Village Administrator

SIGNATURE AFFIDAVIT

(To be filled in and executed if the Contractor is a Corporation.)

County of _____

State of _____

_____, being duly sworn, deposes and says that he/she is
(Name of Affiant*)

Secretary of _____

A corporation organized and existing under and by virtue of the laws of the

State of _____ and having its principle office at

(Number and Street)

(City/State)

(Zip Code)

Affiant further says that he/she is familiar with the records, minute books and by-laws of

_____. Affiant further says

that _____ is _____
(Name of person signing proposal/contract) (Title)

of the Corporation and is duly authorized to sign the contract for:

GRIGGS STREET RAILROAD CROSSING RELOCATION PROJECTS
OPWC PROJECT CT81P/CT82P

for said Corporation by virtue of _____

(State whether a provision of by-laws or a resolution of the Board of Directors. If by resolution, give date of adoption.)

Signature of Affiant*

Sworn to before me and subscribed in my presence this _____ day of _____, 2014.

Notary Public in and for

(County)

(State)

*Affiant must be someone other than the signer of proposal/contract.

VILLAGE AUDITOR'S CERTIFICATION – PURCHASE ORDER

CONTRACT PERFORMANCE AND PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS: That we, the undersigned _____, as principal, and _____, as sureties, are hereby held and firmly bound into the Village of Ashville, Ohio, in the sum of _____ (\$ _____) Dollars, for the payment of which well and truly to be made, we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors, and assigns.

Signed this _____ day of _____, 2014.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH, that whereas the above named principal did on the _____ day of _____, 2013, enter into a contract with the Village of Ashville, Ohio for _____

_____, which said Contract is made a part of the bond the same as though set forth herein. Now, therefore, if said _____ shall well and faithfully do and perform the things agreed by it to be done and performed according to the terms of said Contract; and shall pay all lawful claims of subcontractors, material suppliers and laborers, for labor performed and materials furnished in the carrying forward, performing or completing of said Contract; and shall keep the work in repair for a period of one year after the date of final acceptance of the work as described hereinabove, and shall indemnify, save and hold harmless the Village of Ashville, Ohio from all liens, charges, losses, costs and damages of every kind and nature whatsoever, including damages to property and persons caused by the acts of negligence of said Contractor and/or deficiencies in materials; we agreeing and asserting that this undertaking shall be for the benefit of any material suppliers or laborer having a just claim as well as for the obligee herein; then this obligation shall be void; otherwise the same shall remain in full force and effect; it being expressly understood and agreed that the liability of the surety for any and all claims hereunder shall in no event exceed the amount of this obligation as herein stated.

The said surety hereby stipulates and agrees that, upon receiving written notice from the Village of Ashville that the principal has failed to perform the things agreed by it to be done according to the terms of the Contract, or to pay lawful claims of subcontractors, material suppliers and laborers, then the surety shall assume the performance of these things and make such payments in lieu of the principal; and shall undertake to do so within ten days of receipt of written notice from the Village of Ashville. The said surety hereby stipulates and agrees that it understands the usual case in work of the class included in the Contract to be that, in the event of default or failure to perform or make payment by the principal, the actual net cost of completing the Contract and paying lawful claims is likely to exceed the remaining monies due under the Contract. The surety further stipulates and agrees that its obligation includes the complete performance of all remaining items under the Contract and the payment of all lawful claims for labor performed and materials furnished in the Contract, without regard to the amount of remaining monies due under the Contract.

The said surety hereby stipulates and agrees that no modifications, omissions or additions, in or to the terms of the said Contract or in or to the plans or specifications therefore shall in any way affect the obligations of said surety on its bond.

(Contractor must indicate whether Corporation, Partnership, Company or Individual)

(Contractor)

(Corporation, Partnership or Individual)

By _____

(Title)

THE PERSON SIGNING FOR THE CONTRACTOR AND THE SURETY SHALL SIGN THEIR OWN NAME AND INDICATE THEIR TITLE. THE PERSONS SIGNING FOR CORPORATIONS SHALL SHOW THEIR AUTHORITY TO BIND THE CORPORATION BY AFFIDAVIT.

(Surety)

By _____

Village Attorney, Village of Ashville, Ohio

I hereby approve the form and correctness of the foregoing Contract and Bond.

_____, 2014.

ATTACH SURETY POWER OF ATTORNEY

ATTACH SURETY FINANCIAL STATEMENT

**ATTACH STATE OF OHIO DEPARTMENT OF INSURANCE
CERTIFICATE OF COMPLIANCE**

DELINQUENT PERSONAL PROPERTY TAX

Section 5719.042, ORC

After the award by a taxing district of any contract let by competitive bid and prior to the time the contract is entered into, the person making a bid shall submit to the district's fiscal officer a statement affirmed under oath that the person with whom the contract is to be made was not charged at the time the bid was submitted with any delinquent personal property taxes on the general tax list of personal property of any county in which the taxing district has territory or that such person was charged with delinquent personal property taxes on any such tax list, in which case the statement shall also set forth the amount of such due and unpaid delinquent taxes and any due and unpaid penalties and interest thereon. If the statement indicated that the taxpayer was charged with any such taxes, a copy of the statement shall be transmitted by the fiscal officer to the county treasurer within thirty days of the date it is submitted.

A copy of the statement shall also be incorporated into the contract, and no payment shall be made with respect to any contract to which this section applies unless such statement has been so incorporated as a part thereof.

DELINQUENT PERSONAL PROPERTY TAX AFFIDAVIT

STATE OF OHIO _____

COUNTY OF _____

_____, being first duly sworn,
deposes and says that he/she is _____ of _____
(Sole owner, a partner, president, secretary, etc.)

_____,
the successful bidder on the attached contract with the Village of Ashville for the construction of the
GRIGGS STREET RAILROAD CROSSING RELOCATION PROJECTS
OPWC PROJECT CT81P/CT82P

and for the purpose of complying with Section 5719.042 of the Ohio Revised Code states that at
the time the bid for said contract was submitted, said bidder _____ charged with
(was/was not)

delinquent personal property taxes on the general tax list of personal property of a county in
which the Village of Ashville has territory (presently Pickaway County). The amount of such
due and unpaid delinquent taxes, penalties and interest thereon is as follows.

TAXES	PENALTIES & INTEREST	COUNTY
\$ _____	\$ _____	_____
\$ _____	\$ _____	_____
\$ _____	\$ _____	_____
\$ _____	\$ _____	_____

(Affiant)

Sworn to and subscribed before me this _____ day of _____, 2014.

(Notary Public)

My commission expires:

For Fiscal Officer's Use Only Auditor
Contract No. _____
Copy Mailed to County Treasurer
Date _____ Initials _____

ATTACH CERTIFICATE OF INSURANCE

ATTACH WORKERS' COMPENSATION CERTIFICATE

EQUAL OPPORTUNITY CLAUSE

The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or termination, rates of pay or other forms of compensation, and selection for training. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices summarizing the provisions of this Equal Opportunity Clause.

The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that the contractor is an equal opportunity employer.

It is the policy of the Village of Ashville that business concerns owned and operated by minority and female persons shall have the maximum practicable opportunity to participate in the performance of contracts awarded by the Village.

The contractor shall permit access to any relevant and pertinent reports and documents by the Administrator for the sole purpose of verifying compliance with this Article, and with the regulations of the Contract Compliance Office. All such materials provided to the Administrator by the contractor shall be considered confidential.

The contractor and each subcontractor will include a summary of this Equal Opportunity Clause in every subcontract. The contractor will take such action with respect to any subcontract as is necessary as a means of enforcing the provisions of the Equal Opportunity Clause.

The contractor and subcontractors shall comply with all provisions of the “State of Ohio Equal Employment Opportunity Requirements & Bid Conditions for OPWC-Assisted Construction Projects” as detailed in Appendix A of this bid package.

Failure or refusal of a contractor or subcontractor to comply with the provisions of “State of Ohio Equal Employment Opportunity Requirements & Bid Conditions for OPWC-Assisted Construction Projects”, may result in cancellation of this contract.

PREVAILING WAGES

Prevailing Rates of Wages

The attention of the bidder is directed to the Provisions of Chapter 4115 of the Ohio Revised Code which require the Contractor to whom the award is made, and all of its subcontractors, to pay not less than the prevailing rates of wages, in the locality where the work is to be performed, for the classes of work called for by this public improvement.

The Contractor shall inform itself fully as to these provisions, particularly those of Section 4115.05 which provides, in effect, that the wages to be paid on public improvements shall be not less than those ascertained by the Department of Industrial Relations as prevailing in a given locality at the date a contract is made.

Section 4115.07 of the Revised Code of the State of Ohio provides that all Contractors or Subcontractors falling within or affected by Section 4115.03 to 4115.14, inclusive, of the Ohio Revised Code, shall keep full and accurate payroll records covering all disbursements of wages to their employees to whom they are required to pay not less than the minimum prevailing rates of wages, as set forth in the Contract. Such payroll records shall not be destroyed or removed from the State for a period of one (1) year following the completion of the Contract in connection with which records are made.

At any time during the life of the Contract, the Village may demand that the Contractor and/or its subcontractors submit an affidavit stating that wages have been paid for the pay period or periods in question in conformance with the minimum rates set forth in the contract. Such affidavit must be supported by the certified copy of his detailed payroll records and shall show the individuals by name, classification and pay rate on the Contractor's payroll each day of the period, together with the deductions, which may have been made. The Village may withhold payments of any estimate pending the submission of the affidavit and certified payroll records. If minimum wage requirements have not been met in accordance with the terms of the Contract, payment of estimate may be withheld until the Contractor and/or Subcontractor has complied.

UPON COMPLETION OF THE WORK AND PRIOR TO THE PAYMENT OF THE FINAL ESTIMATE, THE CONTRACTOR SHALL SUBMIT AN AFFIDAVIT STATING THAT WAGES HAVE BEEN PAID IN CONFORMANCE WITH THE MINIMUM RATE SET FORTH IN THE CONTRACT.

The affidavit must be executed and sworn to by the Officer or Agent of the contractor or subcontractor who supervises the payment of employees, before the Village will release the Surety and/or make final payment due under the terms of the Contract.

The following schedule of prevailing rates of wages in Pickaway County, Ohio, as ascertained and determined by the Department of Industrial Relations on the date indicated on the following page is hereby made a part of this contract as required by the Ohio Revised Code.

THIS CONTRACT REQUIRES THE PAYMENT OF THE "BASIC HOURLY RATES" PLUS THE "FRINGE BENEFITS PAYMENTS" FOR EACH CLASSIFICATION ALL IN ACCORDANCE WITH U.S. DEPARTMENT OF LABOR REGULATIONS, TITLE 29, SECTION A, PART 5, SECTIONS 5.31 AND 5.32 DATED MARCH 1, 1966.

CONTRACTORS WILL REFER TO SECTION 122 OF THE STATE AND LOCAL FISCAL ASSISTANCE ACT, 1972 - "NONDISCRIMINATION PROVISION".

(SAMPLE)
AFFIDAVIT OF CONTRACTOR
OR SUB-CONTRACTOR

PREVAILING WAGES

I, _____,
(Name of person signing affidavit) (Title)

of the _____, do hereby certify that the wages paid to all
employees for the full number of hours worked in connection with the Contract to the
Improvement, Repair and Construction of:

(Project, Location and Auditors Contract No.)

during the following period from _____ to _____

is in accordance with the prevailing wage prescribed by the contract document.

I further certify that no rebates or deductions for any wages due any person have been
directly or indirectly made other than those provided by law.

(Signature of Officer or Agent)

Sworn to and subscribed in my presence this _____ day of _____, 2014.

(Notary Public)

The above affidavit must be executed and sworn to by the officer or agent of the Contractor or
Subcontractor who supervises the payment of employees, before the owner will release the surety
and/or make a final payment due under the terms of the Contract.

SUPPLEMENTAL SPECIFICATIONS

(See Enclosed CD)

NORFOLK SOUTHERN - SPECIAL PROVISIONS FOR PROTECTION OF RAILWAY INTERESTS

(Note: This project involves entering and operating adjacent to and within an active Railroad Right-of-Way. The contractor shall comply with all requirements established and enforced by Norfolk Southern. All work shall be coordinated with Norfolk Southern.)

STANDARD DRAWINGS

(See Enclosed CD)

PREVAILING WAGE RATES

(See Enclosed CD)

APPENDIX A

**State of Ohio Equal Employment Opportunity Requirements & Bid Conditions for
OPWC-Assisted Construction Projects**

(See Enclosed CD)

CONSTRUCTION PLANS

(ATTACHED)

**OPWC Project No. CT81P/CT82P - PIC Griggs Street Railroad Crossing Relocation Projects, Ashville, Ohio
Proposal Unit Price Bid**

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATED QUANTITIES	UNIT	EXTENSION			
					TOTAL SUM OF MATERIAL AND LABOR		TOTAL IN FIGURES	
					\$	".00"	\$	".00"
1	201	CLEARING AND GRUBBING	1	LS				
2	201	TREE REMOVED, 18" SIZE	4	EA				
3	201	TREE REMOVED, 60" SIZE	2	EA				
4	202	RELOCATE EXISTING UTILITY POLE	1	EA				
5	202	FENCE REMOVED & REPLACED	128	FT				
6	202	STORM PIPE ABANDONED IN PLACE	50	FT				
7	202	PAVEMENT REMOVED & DISPOSED OF	2711	SY				
8	202	CURB & GUTTER REMOVED	453	LF				
9	202	STRUCTURE REMOVED, MANHOLE	1	EA				
10	203	EXCAVATION EXCLUDING EMBANKMENT CONSTRUCTION	1110	CY				
11	203	EMBANKMENT	1002	CY				
12	204	SUBGRADE COMPACTION	4022	SY				
13	204	PROOF ROLLING	8	HOUR				
14	207	CURB INLET SEDIMENT FILTER, AS PER PLAN	10	EA				
15	207	CATCH BASIN SEDIMENT FILTER	1	EA				
16	252	FULL DEPTH PAVEMENT SAWING	312	LF				
17	252	PERMANENT PAVEMENT REPLACEMENT, TYPE 1, AS PER 1441	49	CY				
18	304	7-1/4" BITUMINOUS AGGREGATE BASE	721	CY				
19	448	1-1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1	126	CY				

**OPWC Project No. CT81P/CT82P - PIC Griggs Street Railroad Crossing Relocation Projects, Ashville, Ohio
Proposal Unit Price Bid**

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATED QUANTITIES	UNIT	EXTENSION			
					TOTAL SUM OF MATERIAL AND LABOR		TOTAL IN FIGURES	
					\$	".00"	\$	".00"
20	448	1-3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2	173	CY				
21	452	6" NON-REINFORCED CONCRETE PAVEMENT	106	SY				
22	604	WATER VALVE ADJUSTED TO GRADE	8	EA				
23	604	MANHOLE ADJUSTED TO GRADE	10	EA				
24	604	CATCH BASIN ADJUSTED TO GRADE	1	EA				
25	604	PRECAST REINFORCED CONC. ENDWALL, TYPE AA-S169	2	EA				
26	604	12" INLINE DRAIN	2	EA				
27	604	MANHOLE, TYPE C, TYPE AA-S102 (COC)	5	EA				
28	604	CURB & GUTTER INLET, TYPE AA-S125 (COC)	10	EA				
29	604	CATCH BASIN, TYPE AA-S133 (COC)	1					
30	604	10" STORM SEWER PIPE W/TYPE 1 BEDDING W/ITEM 911	103	LF				
31	604	10" STORM SEWER PIPE W/TYPE 1 BEDDING W/ITEM 912	5	LF				
32	604	12" STORM SEWER PIPE W/TYPE 1 BEDDING W/ITEM 912	807	LF				
33	608	CURB RAMPS	12	EA				
34	608	7" HOT THICK MIX ASPHALT WALK	228	SF				
35	608	4" CONCRETE WALK	4430	SF				
36	609	COMBINATION CURB & GUTTER	1487	LF				
37	610	CELLULAR RETAINING WALL	147	SF				
38	614	MAINTAINING TRAFFIC, AS PER PLAN	1	LS				

**OPWC Project No. CT81P/CT82P - PIC Griggs Street Railroad Crossing Relocation Projects, Ashville, Ohio
Proposal Unit Price Bid**

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATED QUANTITIES	UNIT	EXTENSION			
					TOTAL SUM OF MATERIAL AND LABOR		TOTAL IN FIGURES	
					\$	".00"	\$	".00"
39	623	CONSTRUCTION LAYOUT STAKES	1	LS				
40	624	MOBILIZATION	1	LS				
41	630	SIGN, FLAT SHEET	50	SF				
42	630	GROUND MOUNTED SUPPORT, NO. 3 POST	104	LF				
43	644	CROSS WALK LINE, 10" WHITE	393	LF				
44	644	STOP LINE, 20" WHITE	122	LF				
45	659	SEEDING & MULCHING	1339	SY				
46	659	TOPSOIL	149	CY				
47	659	INTERSEEDING	67	SY				
48	659	MOWING	3.1	M SF				
49	659	AGRICULTURAL LIMING	0.56	TON				
50	659	COMMERCIAL FERTILIZER	0.18	TON				
51	659	WATER	7.42	M GAL				
52	809	RELOCATE EXISTING FIRE HYDRANT	2	EA				
53	832	EROSION CONTROL	20000	EA				
54	SPEC	PROJECT SIGN	2	EA				
55	SPEC	TEMPORARY BARRICADE (AS PER STD. DWG. 2190)	1	EA				
56	SPEC	MAILBOX REMOVED AND RESET	1	EA				
57	603	4" CONDUIT, TYPE F	20	FT				
58	603	6" CONDUIT, TYPE F	40	FT				

**OPWC Project No. CT81P/CT82P - PIC Griggs Street Railroad Crossing Relocation Projects, Ashville, Ohio
Proposal Unit Price Bid**

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATED QUANTITIES	UNIT	EXTENSION			
					TOTAL SUM OF MATERIAL AND LABOR		TOTAL IN FIGURES	
					\$	".00"	\$	".00"
59	603	8" CONDUIT, TYPE F	20	FT				
60	603	12" CONDUIT, TYPE F	20	FT				
61	604	PRECAST REINFORCED CONCRETE OUTLET	2	EA				
62	605	8" UNCLASSIFIED PIPE UNDERDRAINS	20	FT				
					Sub-Total	\$		
63	Spec.	Force Account (.15 x Sum of Items 1 through 62)			Sub-Total	\$		
					TOTAL	\$		

The Bidder's Total is for information only at the time of opening bids. The Village will make the extension and if there are differences in the totals, the Unit of Lump Sum Prices shall govern.

The Bidder shall insert its Contract Compliance Certification Number on the following line or attach a completed application .

Contract Compliance No: _____

Federal I.D. No. _____