

LOCATION MAP $1^{"} = 1$ Mile

BENCHMARKS

The Benchmark Elevations were Assigned Based on GPS Observations using the Ohio Department of Transporation's CORS Network.

Source Benchmark C188

Described by Coast and Geodetic Survey 1967 at Duvall. At Duvall, Along the Norfolk and Western Railway, Near the crossing of the Harrisburg-Fairfield Road, set on the top of the concrete foundation on the South side of the South building of the Teegardin Grain Company, 66.8 feet East of the East rail of East track, 23 1/2 feet North of the centerline of the road, 33 feet East of the Southwest corner of the building, 3 feet Southwest of the Southwest corner of scale pit, and about 2 inches above the level of the ground.

Elevation: 715.62 (NAVD 88 Datum)

Benchmark #1

The Southwest Corner of a Concrete Catch Basin Located Approximately 85 Feet East of the Northeast Corner of the Site.

Elevation: 712.73 (NAVD 88 Datum)

Benchmark #2 The North Flange Bolt on a Fire Hydrant Located Approximately

Elevation: 715.01 (NAVD 88 Datum)

DEVELOPER

AB Contracting, Inc. Carey Loar 614-323-8084 cloar@abcontractingwv.com 5521 Ohio River Road Point Pleasant, West Virginia 25550

PARCEL INFORMATION

21.419 Acres O.R. 775, Pg. 1149 Parcel # D12-0-001-00-147-00 Zoning: AR, Apartment Residential District

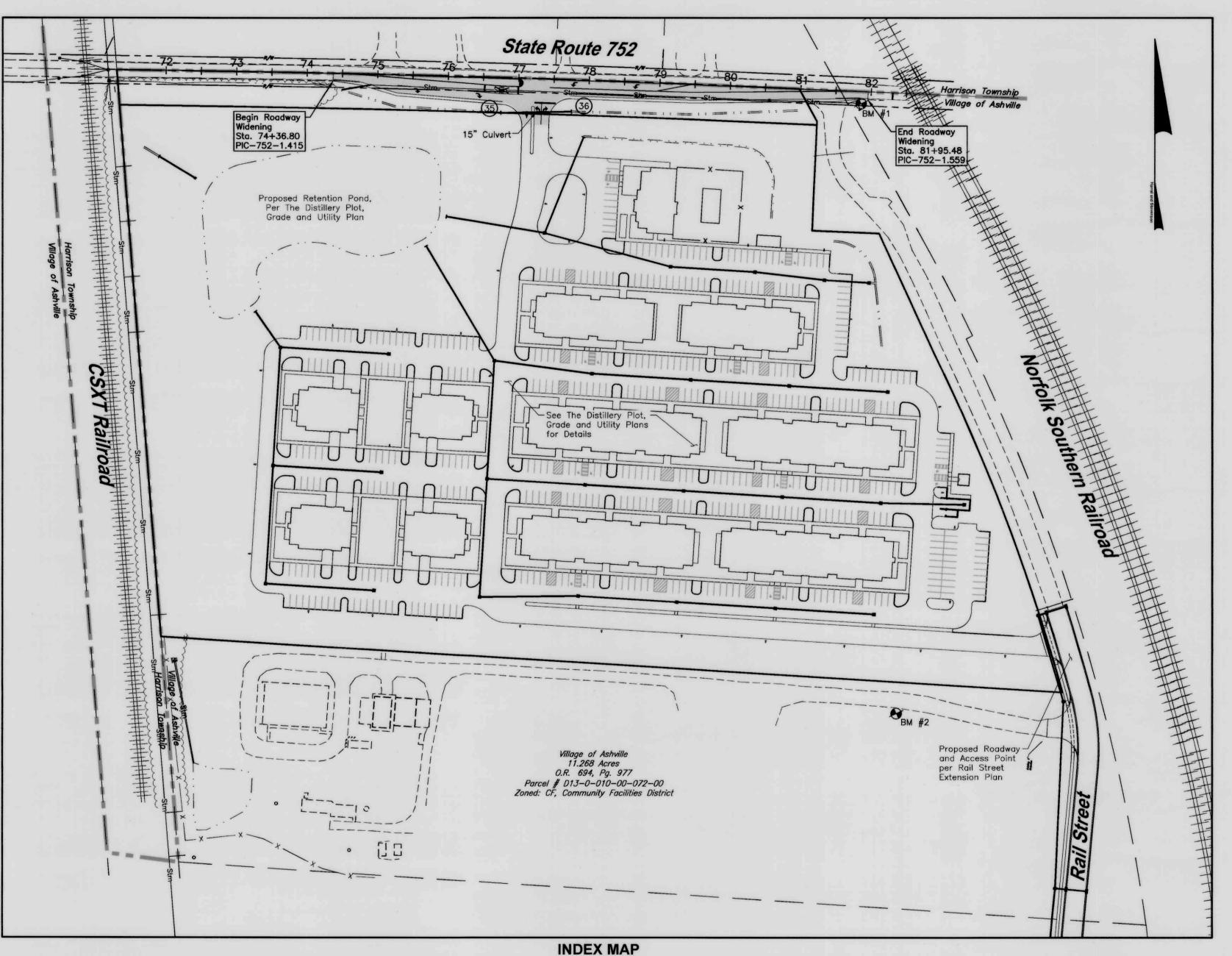
> **NOI PERMIT #** 4GC08729*AG

ASSOCIATED PLANS

The Distillery — Mass Grading Plan The Distillery — Sanitary Sewer Plan The Distillery – Waterline Plan The Distillery – Plot, Grade and Utility Plan The Distillery – Rail Street Extension Plan



CALL AT LEAST 48 HOURS BUT NO MORE THAN 10 WORKING DAYS (EXCLUDING WEEKENDS AND LEGAL HOLIDAYS) NON-MEMBERS MUST BE CALLED DIRECTLY



STANDARD

The City of Columbus Transportation Standard shall be considered

DESIGN CRITERIA

Legal Speed Eastbound: 35 MPH Design Speed Eastbound: 35 MPH

Legal Speed Westbound: 55* MPH Design Speed Westbound 55* MPH

*Village is in the process with ODOT to reduce speed to 35 mph.

AA AA. AA-AA-ODOT ODOT ODOT ODOT ODOT

VILLAGE OF ASHVILLE, PICKAWAY COUNTY, OHIO THE DISTILLERY **STATE ROUTE 752 STATE ROUTE 752 WIDENING PLAN**

1" = 100'

Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Sheet 9 Sheet 10 Sheet 11 Sheet 12 Sheet 13

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DUAMINOO	
and Ohio Department of	
Drawings listed on this plan	
ed part of this plan.	
-S149	
-S150	
-S169	
–S141	
DM-1.1	
MT-71.10	
MT-097.10	
MT-101.90	
TC-71.10	

SHEET INDEX

Location Map, Index Map, and Estimated Quantities General Notes Typical Sections and Details Existing Site and Demolition Plan S.R. 752 Plan and Profile Driveway Details Cross Sections Sta. 74+00 to Sta. 76+00 Cross Sections Sta. 74+00 to Sta. 76+00 Cross Sections Sta. 76+50 to Sta. 78+50 Cross Sections Sta. 79+00 to Sta. 81+00 Cross Sections Sta. 81+50 to Sta. 82+00 Pavement Marking and Signing Plan Maintenance of Traffic Notes Maintenance of Traffic Plan

on	ly. The	Contr	es shown below are the engineer's estimate actor shall be responsible for calculating on the plan for bidding and construction purposes.	
Item	Quan.	Unit	Description	s
201	Lump	Sum	Clearing & Grubbing	ior
202	Lump	Sum	Structures and Obstructions removed	Revisions
202	39	Lin. Ft.	12" Culvert Removed	a a
254	926	S.Y.	1.5" of Asphalt Pavement Planing	
301	232	C.Y.	6" Asphalt Concrete Base, (449), PG64-22	
304	232	C.Y.	6" Aggregate Base	
407	370	GAL.	Non—Tracking Tack Coat (See CMS Table 407.06—1 for Application Rates)	
441	116	C.Y.	3" of Asphalt Concrete Surface Course, Type I (449), PG64-22 (to be installed in 1.5" lifts)	
441	39	C.Y.	1.5" of Asphalt Concrete Surface Course, Type I (449), PG64-22 (to be installed in 1.5" lifts)	
604	2	Each	Endwall (AA-S169)	
604	1	Each	Catch Basin Reconstructed to Grade	
604	12	Each	Precast Concrete Outlet Structure (ODOT DM-1.1)	
605	262	Lin. Ft.	4" Pipe Underdrain	
901	41	Lin. Ft.	12" HDPE Storm Sewer with Type 1 Bedding	
901	100	Lin. Ft.	15" HDPE Storm Sewer with Type 1 Bedding	l₽
614	Lump	Sum	Maintenance of Traffic	иту, оніо
623	Lump	Sum	Construction Layout Stakes	
624	Lump	Sum	Mobilization	
630	1	Each	Sign Removed and Replaced	S
630	1	Each	Sign Removed and Delivered to Village	1 S
644	0.144	Miles	Center Line	×
644	0.126	Miles	Edge Line	A
644	358	Lin. Ft.	Lane Line	3
644	116	Lin. Ft.	20" Transverse Line	12
644	40	Lin. Ft.	24" White Stop Bar	1
644	2	Each	Word "Only"	ā
644	7	Each	Arrow	Tul
644	1	Each	Railroad Crossing Pavement Markings	1
659	1,725	Sq. Yds.	Seeding and Mulching	SHVILLE, PICKAWAY COU
	3	Each	Mailbox Removed and Relocated	

APPROVED BY:

Approval of these plans does not constitute assurance to operate as intended. The reviewer does not accept responsibility for the integrity of the plans.

Debon R. Embrug & Nelson Embrey IT Mayor, Village of Ashville

5-10-23 Date

5/24/2023

Date

Christopher M. Tebbe, P.E. No. 68106 Village Engineer, Village of Ashville

Frankli Franklin Christman

Village Administrator, Village of Ashville

Service Department Supervisor, Village of Ashville

5/10/2023 Date:

05/10/23 Date:



	Image: Set of the set of	Drafted Mark By DLS Reviewed By	Revisions Description	
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heet: 1/13

GENERAL NOTES (06-01-2020)

THE VILLAGE OF ASHVILLE REQUIREMENTS, TOGETHER WITH THE LATEST EDITION OF THE CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS. SHALL GOVERN ALL CONSTRUCTION ITEMS. MATERIAL, WORKMANSHIP, ECT THAT ARE A PART OF THIS PLAN. ENFORCE 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.

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,

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.

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.

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.

<u>GEN 7</u> 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 IFTTER SHALL STATE THE DATE CONSTRUCTION IS TO BEGIN AND THAT RESIDENT SHOULD REMOVE ANY ITEMS, EXAMPLE: SHRUBS, SPOT LIGHTS, FENCES, STONES OR BRICKS, ETC., 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.

<u>GEN_10</u> 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 ON THESE PLANS OR NOT. THE CONTRACTOR SHALL EXPOSE 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.

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

COLUMBIA GAS TRANSMISSION

140 WEST WHEELING STREET

LANCASTER, OHIO 43130

(740) 687-6696

1440 MCNAUGHTON ROAD

COLUMBUS, OH 43232

FRONTIER COMMUNICATIONS 500 LANCASTER PIKE CIRCLEVILLE, OHIO 43113 (740) 474-7197

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

TIME WARNER COMMUNICATIONS 1315 GRANVILLE PIKE LANCASTER, OHIO 43130 (740) 635–9685

COLUMBIA GAS OF OHIC 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) 200 EAST STATION STREET, ASHVILLE OHIO 43103 (740) 983-6367

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, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE 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.

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.

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.

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.

SHRUBS ANY TREES OR SHRUBS NOT MARKED FOR REMOVAL THAT ARE DAMAGED BY THE

GEN 19

CONTRACTOR WILL HAVE TO BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF

CARE SHALL BE EXERCISED WHEN WORKING THE AREA AROUND EXISTING TREES AND

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

FXPFNSF

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

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

<u>GEN 23</u>

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.

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.

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.

<u>GEN 27</u>

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

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.

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 FLEVATIONS 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.

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

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.

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 GRUBBING UNLESS DIRECTED OTHERWISE.

<u>GEN 34</u>

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

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 REFLISAL OF THE CONTRACTOR TO PERFORM-SLICH 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 REQUIRED TO NOTIFY OR 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.

<u>GEN 36</u>

PRIOR TO THE CONSTRUCTION OF THE STREETS, SOIL TESTS SHALL BE MADE ON ALL SANITARY SEWER AND DESIGNATED STORM SEWER TRENCHES WHICH CROSS THE 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.

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

<u>GEN 38</u>

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.

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

OTHERWISE NOTED.

<u>GEN 43</u>

WRITTEN CONSENT OF THE OWNER.

GEN 45 NOT INTERFERE WITH SITE DRAINAGE.

GEN 47 ALL CONTRACTORS ON THIS PROJECT.

MANHOLE.

ROADWAY NOTES

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 ASTM D698.

<u>RDW 2</u>

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.

THE CONTRACTOR SHALL CONTACT THE COLUMBIA GAS OF OHIO, INC. OPERATIONS SUPERVISOR AT 614818-2109ONE (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 FLECTRIC CONDUIT SLEEVES.

RDW 4 COMPLETE OR WEATHER PERMITS.

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

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.

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.

<u>RDW 9</u> FOLLOWS: "S"

CONCRETE IS SET.

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 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.

THE CITY OF COLUMBUS STANDARD DRAWINGS SHALL GOVERN ALL PROJECTS UNLESS

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.

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

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

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.

COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 IS REQUIRED OF

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

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.

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.

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

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 TYPE11 MAY BE USED. PAVEMENT SHALL BE CONSTRUCTED TO MATCH THE EXISTING SECTION 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.

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

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

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, 25 SOUTH FRONT STREET, COLUMBUS, OHIO 43215.

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.

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 TEMPORARY 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 SERVICES 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.

<u>RDW 17</u> 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.

<u>RDW 19</u>

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 6:00 P.M., UNLESS OTHERWISE APPROVED BY THE VILLAGE. ONE LANE MAY BE CLOSED TO TRAFFIC DURING WORKING HOURS, DURING SANITARY SEWER BORING OPERATION.

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 TO BE REMOVED SHALL BE NEATLY SAWED. 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.

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

RDW 22

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 23

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.

SANITARY AND STORM SEWER NOTES

<u>STM/SAS_1</u> ROOF DRAINS. FOUNDATION DRAINS AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED ON THIS PROJECT.

<u>STM/SAS_2</u>

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

<u>STM/SAS_3</u>

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.

<u>STM/SAS 4</u>

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

<u>STM/SAS_5</u>

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

<u>STM/SAS_6</u>

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 WAIL. 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.

<u>STM/SAS_7</u>

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 ROUND GRAVEL FOR BEDDING OF SANITARY PIPE.

<u>STM/SAS 8</u>

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.

<u>STM/SAS 9</u>

ALL BEDDING OF SANITARY SEWER PIPE SHALL CONFORM TO THE TYPICAL TRENCH DETAIL.

<u>STM/SAS 10</u>

<u>STM/SAS 11</u>

STM/SAS 12

<u>STM/SAS 13</u>

STM/SAS 14

STM/SAS 17

<u>STM/SAS_18</u>

<u>STM/SAS 19</u>

INSTALLED WITH FORMED CHANNELS

STM/SAS 21

STM/SAS 22

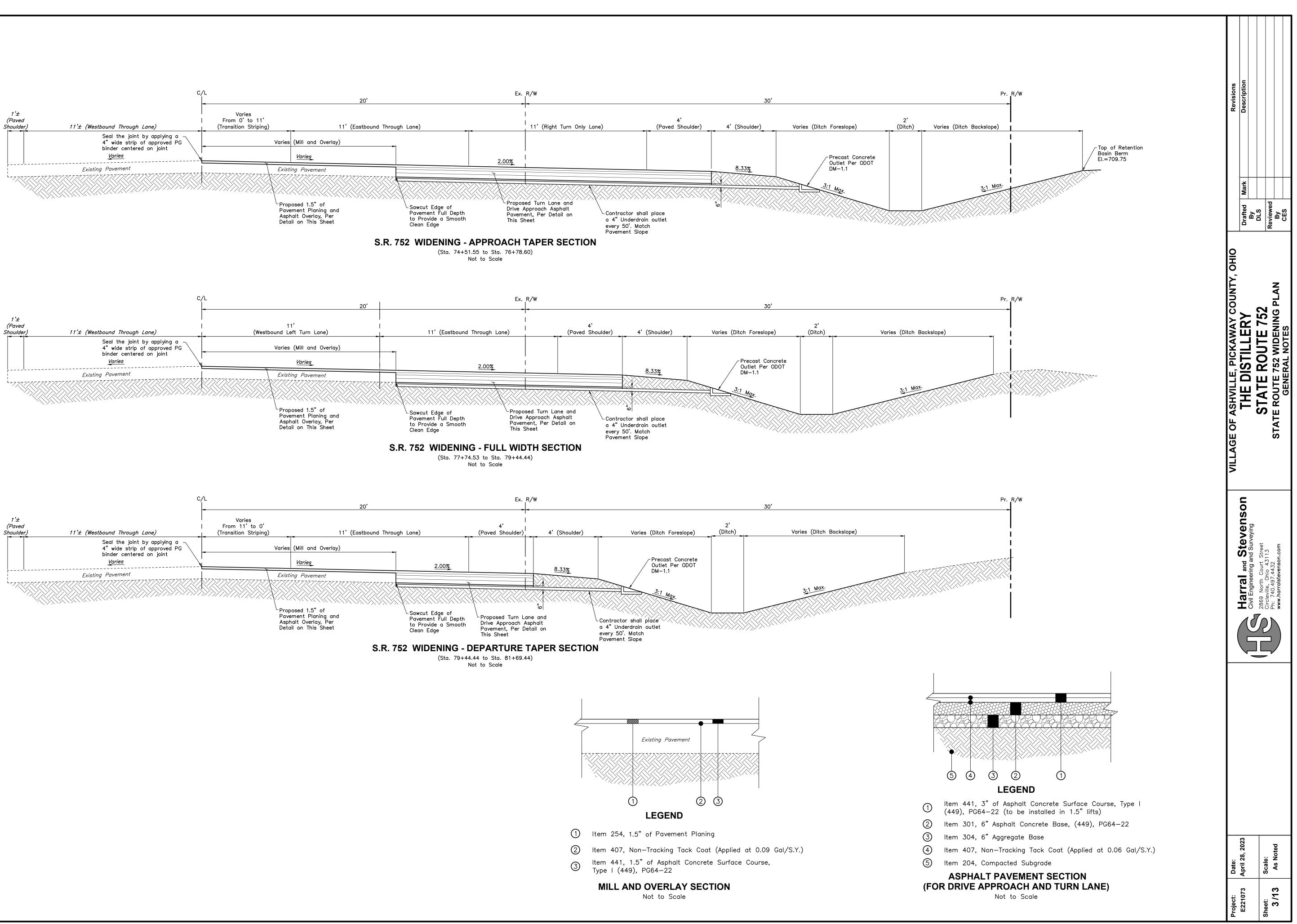
STM/SAS 23

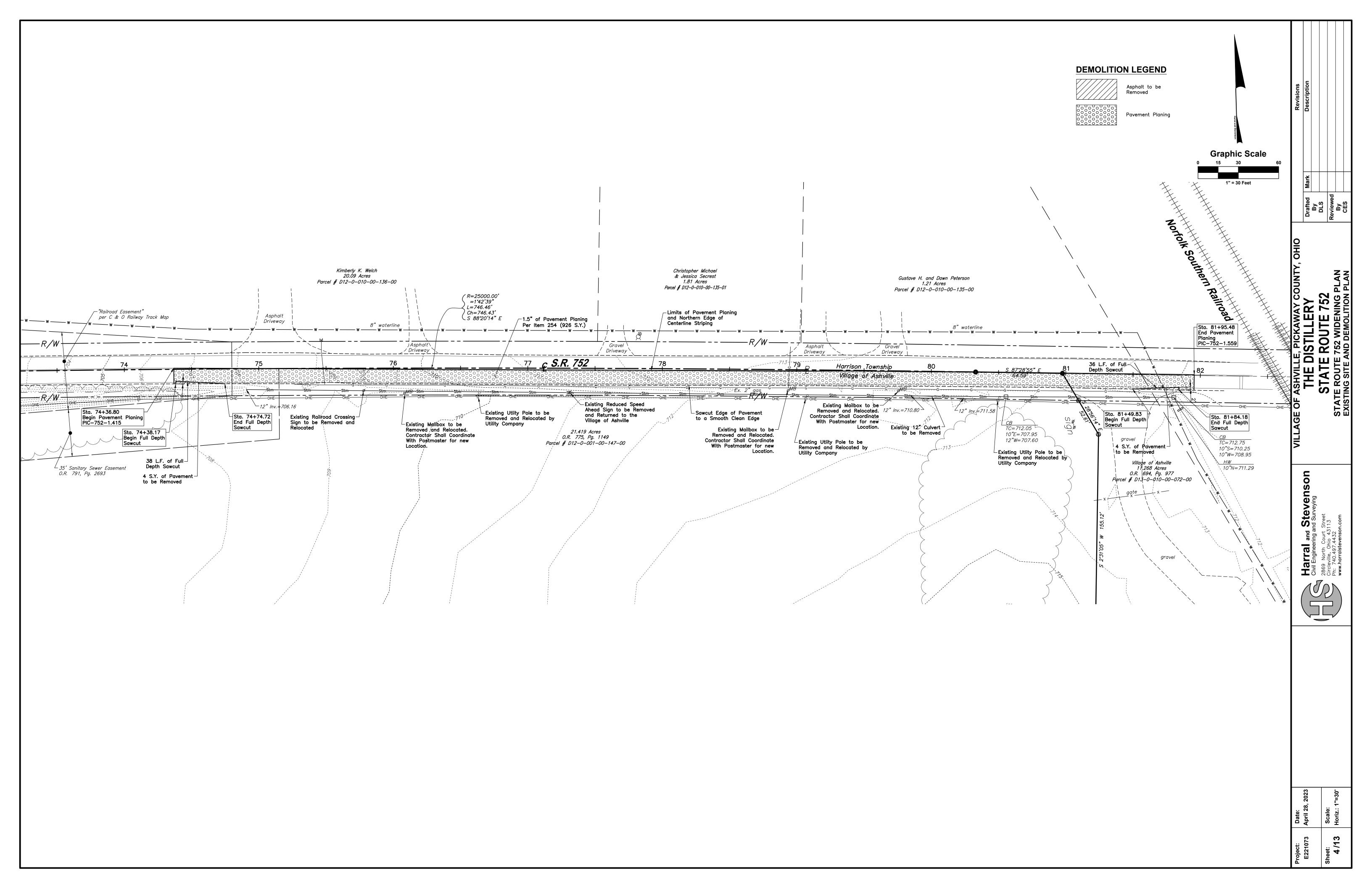
<u>STM/SAS_24</u> THE MAXIMUM TRENCH WIDTH SHALL NOT BE GREATER THAN THE

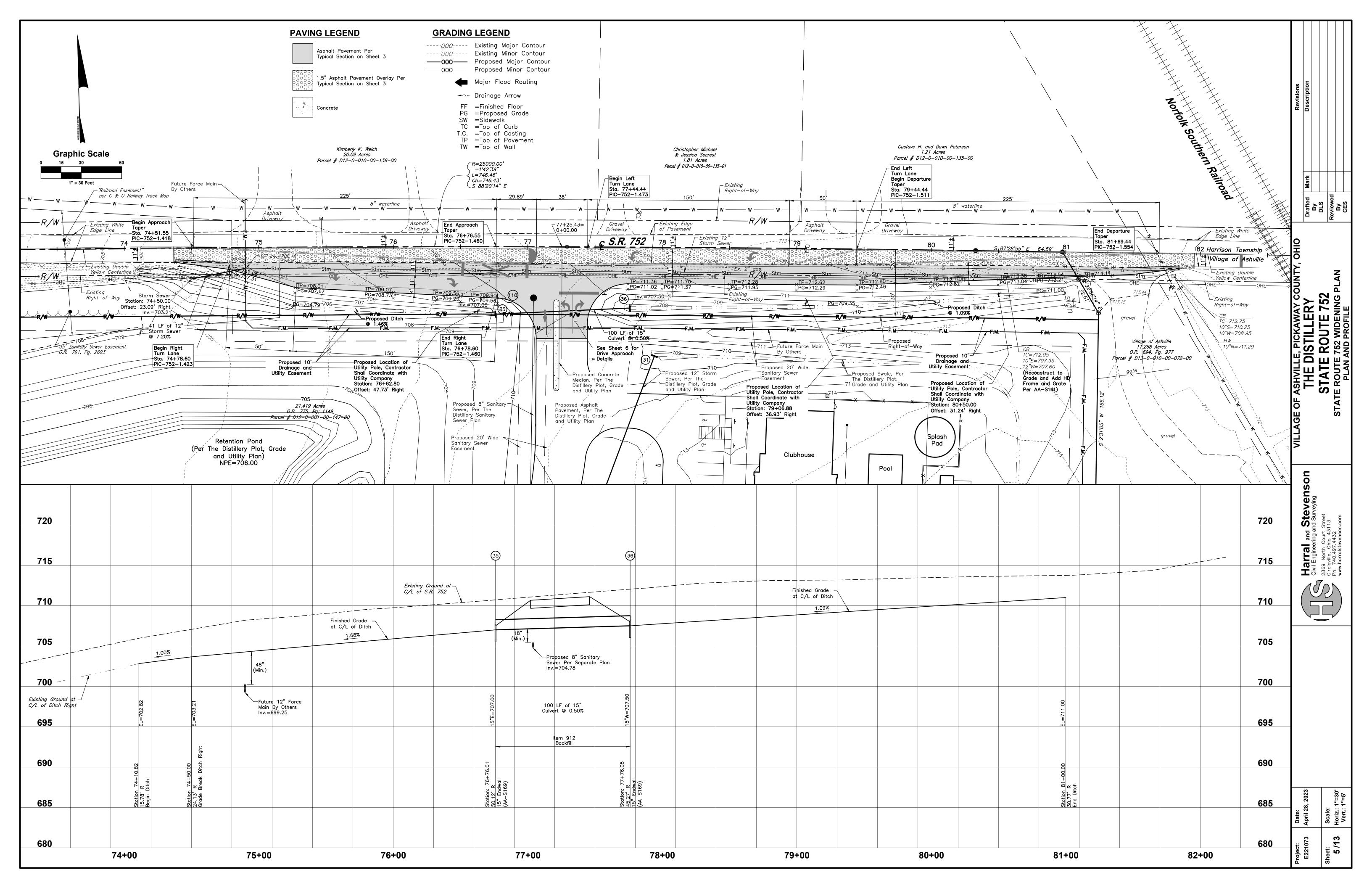
STM/SAS 25

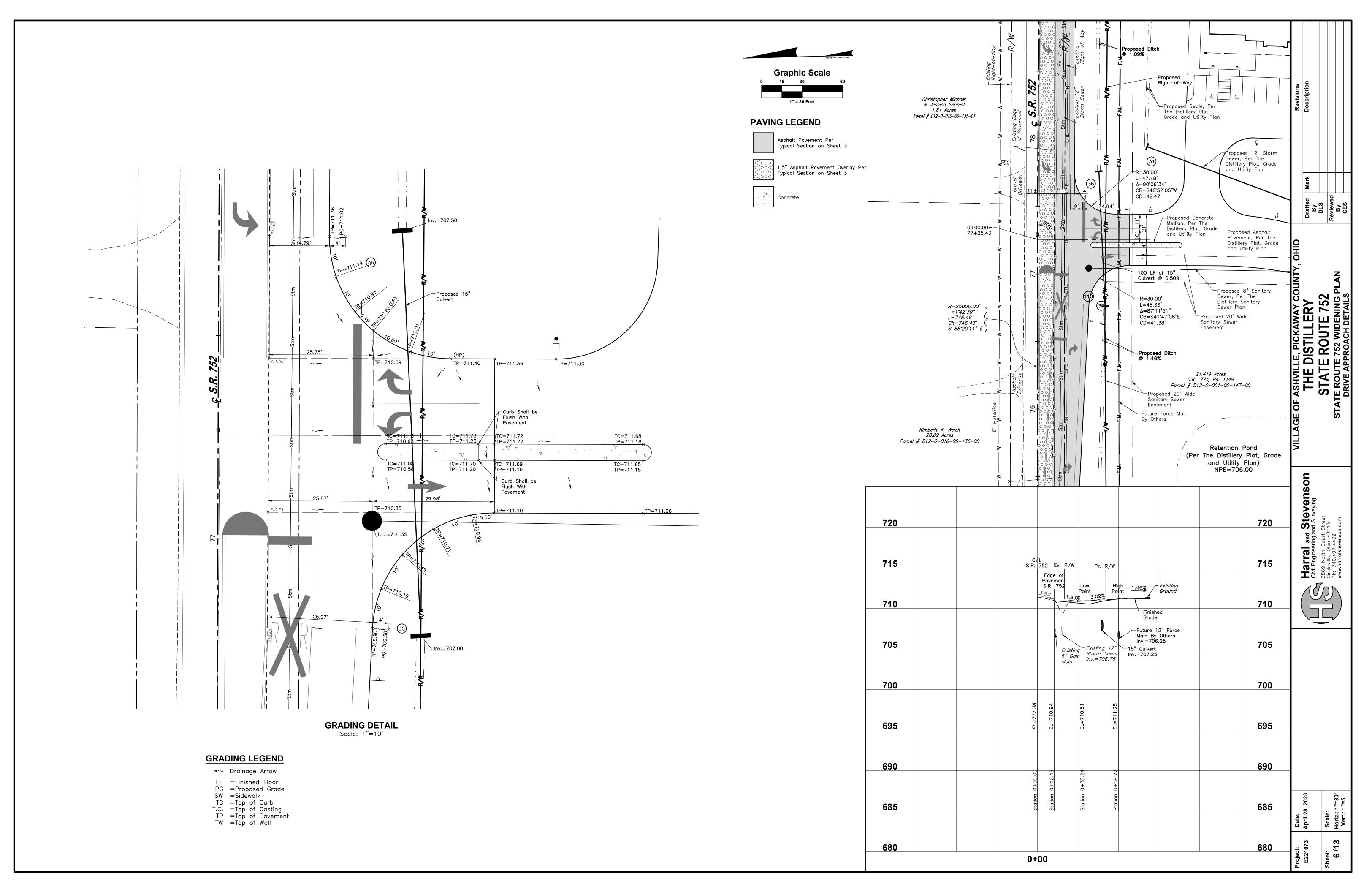
STM/SAS 26

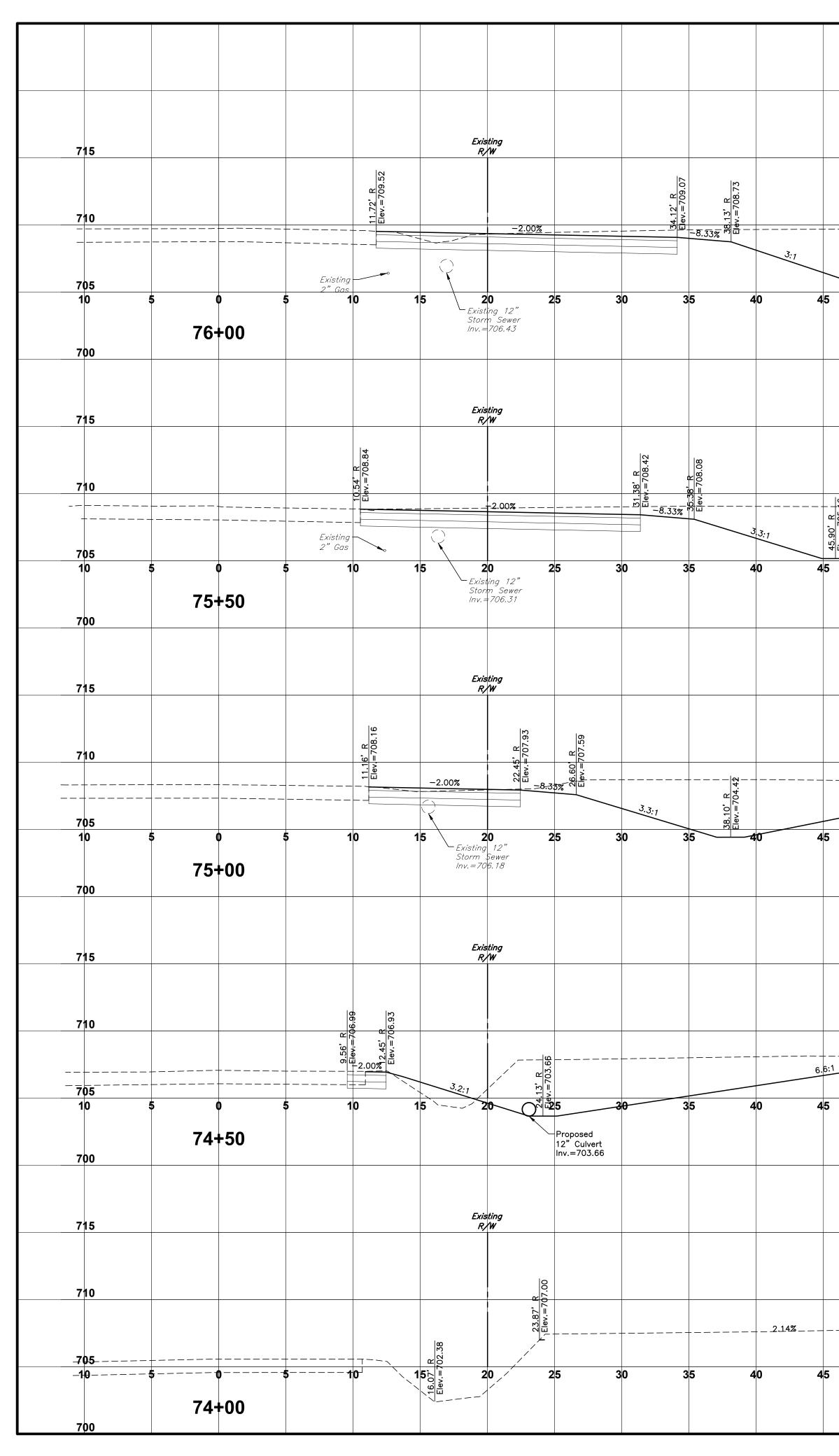
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IMPLE Imple <th< td=""><td>INCLUDED IN THE PRICE BID FOR THE SEWER ITEMS. <u>STM/SAS 14</u> ALL SANITARY SEWER LINES INSTALLED USING PVC PIPE WILL BE. SUBJECT TO DEFLECTION TESTING BY PULLING AN APPROVED MANDREL EQUAL IN DIAMETER TO 95% OF THE PIPE</td><td>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. <u>STM 5</u> THE COST OF ANY ROCK EXCAVATION SHALL BE INCLUDED IN THE PRICE BID FOR THE</td><td></td><td></td></th<>	INCLUDED IN THE PRICE BID FOR THE SEWER ITEMS. <u>STM/SAS 14</u> 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	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. <u>STM 5</u> THE COST OF ANY ROCK EXCAVATION SHALL BE INCLUDED IN THE PRICE BID FOR THE		
 The service of the service	THE WYE LOCATIONS SHOWN ON THE PLANS ORE APPROXIMATE AND SHALL BE FIELD LOCATED DURING CONSTRUCTION TO SERVE THE INDIVIDUAL STRUCTURES. <u>STM/SAS 16</u> MANHOLE COVERS FOR SANITARY SEWERS SHALL CONFORM TO VILLAGE OF ASHVILLE	REQUIRED AND ADJUST THEIR BIDS ACCORDINGLY. <u>STM 6</u> 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		DLS Reviewe By CES
MARKING Marking Name Marking Marking <t< td=""><td><u>STM/SAS_17</u> 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</td><td>A CONDITION SATISFACTORY TO THE ENGINEER. <u>STM 7</u> ALL MAJOR FLOOD ROUTES AND DETENTION BASINS ARE TO BE SURVEYED BY A REGISTERED SURVEYOR TO VERIFY CONFORMANCE TO THE APPROVED GRADING PLAN. COST</td><td>TY, 0</td><td>N</td></t<>	<u>STM/SAS_17</u> 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	A CONDITION SATISFACTORY TO THE ENGINEER. <u>STM 7</u> ALL MAJOR FLOOD ROUTES AND DETENTION BASINS ARE TO BE SURVEYED BY A REGISTERED SURVEYOR TO VERIFY CONFORMANCE TO THE APPROVED GRADING PLAN. COST	TY, 0	N
Build of all of an output and all of all	ALL SANITARY SEWER LINES SHALL END WITH MANHOLES.	EROSION CONTROL MEASURES ARE TO BE INSTALLED BY THE CONTRACTOR DURING CONSTRUCTION TO PROTECT CATCH BASINS AND CURB INLETS FROM SILT, MUD, AND	lo S	Ъ П
IMPACE	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	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		UTE 7 WIDENI NOTES
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	<u>STM/SAS_21</u> ALL NEW MANHOLES AND EXISTING MANHOLES ADJUSTED TO GRADE SHALL HAVE CONCRETE	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		STA TERO
	SANITARY SEWERMANHOLE CONNECTIONS: THE SANITARY SEWER PIPE TO MANHOLE CONNECTIONS SHALL BE OF A FLEXIBLE WATERTIGHT JOINT OF APPROVED MANUFACTURE. THE JOINT MAY BE OF THE FOLLOWING DESIGN (A) RUBBER SLEEVE WITH STAINLESS	STEEL SHIMS. <u>STM 13</u> PRE-CAST RINGS ARE TO BE USED FOR ALL FINAL ADJUSTMENTS OF MANHOLE CASTINGS.	LAGE	STA
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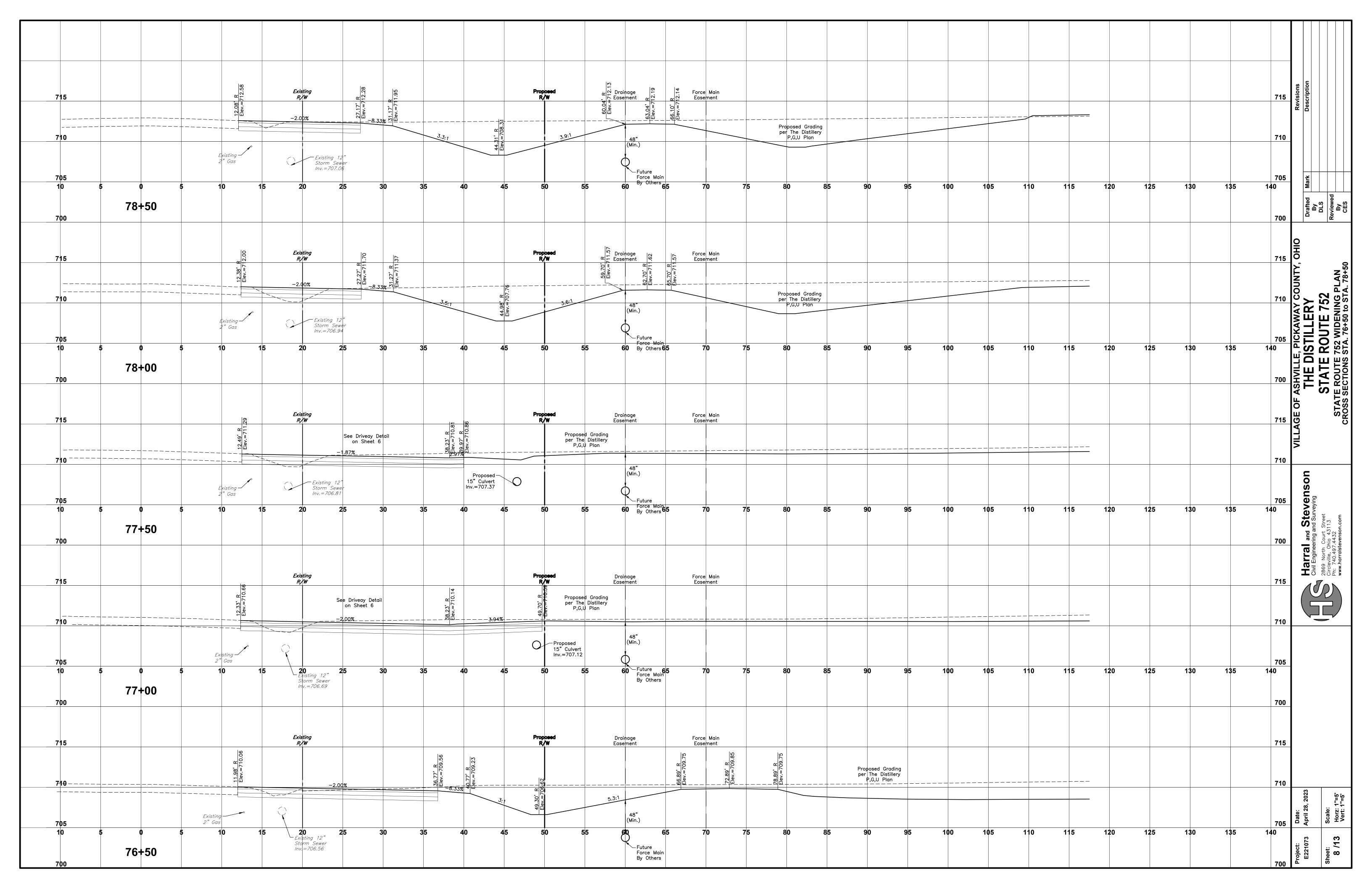


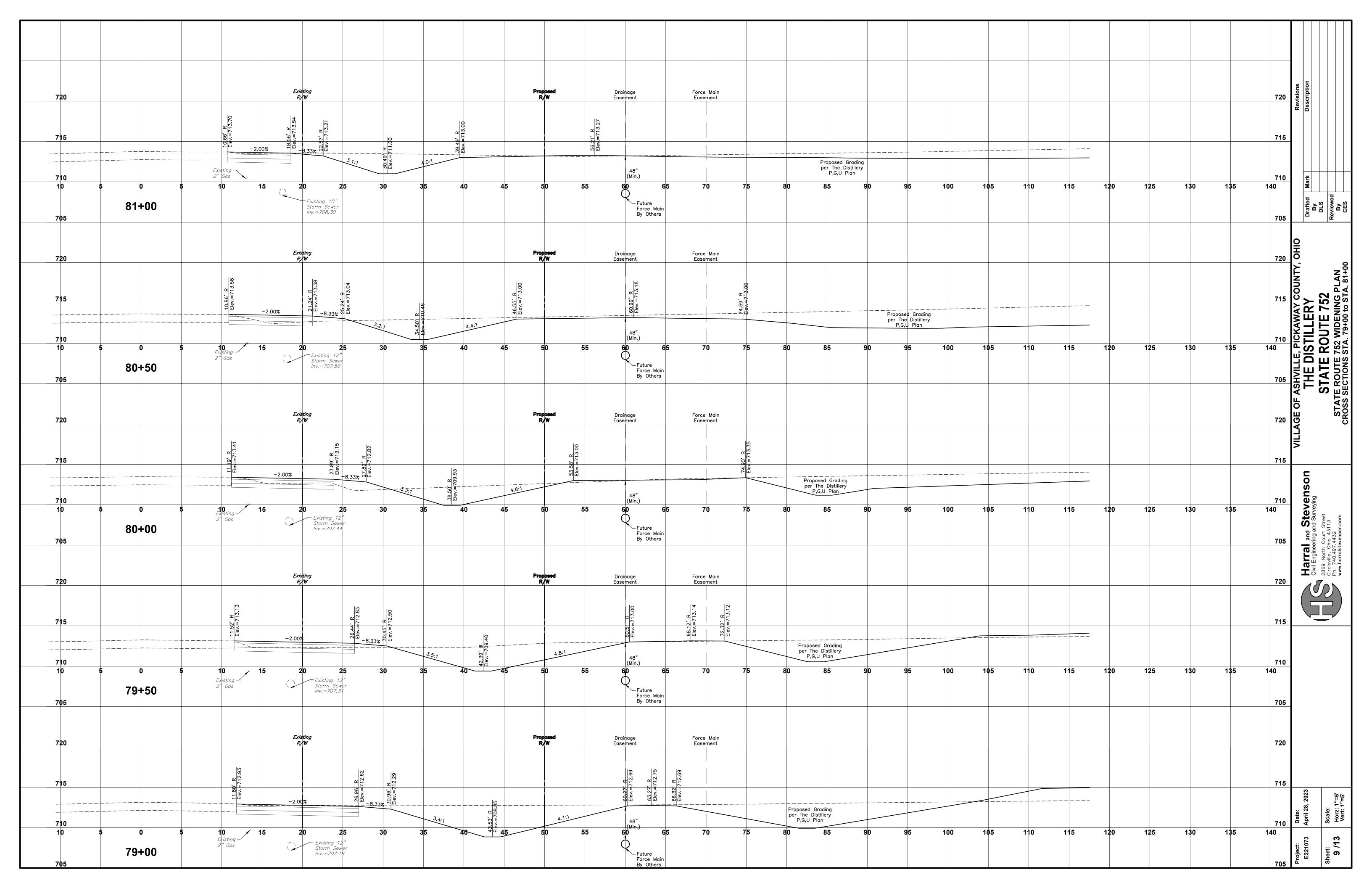






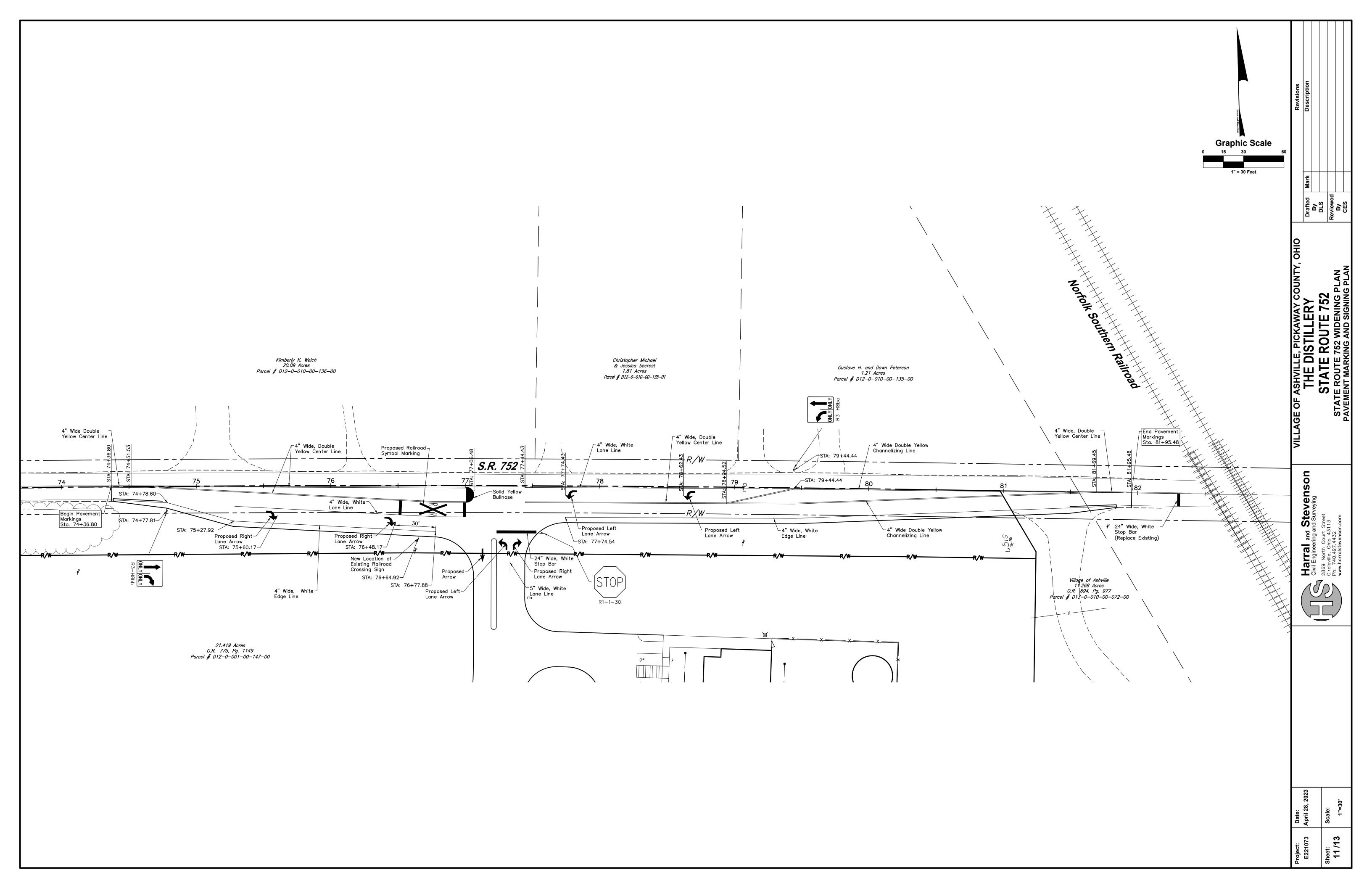
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MAINTENANCE OF TRAFFIC NOTES A. TEMPORARY TRAFFIC CONTROL ITEMS:

1. ALL TEMPORARY TRAFFIC CONTROL (TTC) DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (OMUTCD), (CURRENT EDITION). COPIES ARE AVAILABLE FROM THE OHIO DEPARTMENT OF TRANSPORTATION, OFFICE OF CONTRACTS, 1980 WEST BROAD STREET, COLUMBUS, OHIO, 43216. NOTE: ALL DEVICES SHALL COMPLY, FOR CONDITION AND LOCATION, WITH THE CURRENT EDITION OF THE NCHRP 350 CRASH TESTING GUIDELINES.

2. CONSTRUCTION OPERATIONS SHALL NOT BEGIN UNTIL ALL TRAFFIC CONTROL IS IN PLACE AND APPROVED BY THE DEPARTMENT OF PUBLIC SERVICE INSPECTOR. IF THE CONTRACTOR DOES NOT COMPLY WITH THE STANDARDS, INCLUDING THE INSTALLATION OF TEMPORARY PAVEMENT MARKINGS AND THE REMOVAL OF CONFLICTING TRAFFIC CONTROLS, THEIR PERMIT SHALL BE REVOKED AND ALL WORK SHALL BE TERMINATED. TEMPORARY PAVEMENT MARKINGS TO INCLUDE, BUT NOT LIMITED TO, CHANNELIZING LINES, EDGE LINES, AND CENTERLINES SHALL BE INSTALLED AND MAINTAINED ON ALL CONSTRUCTION OPERATIONS LASTING A MINIMUM OF 14 CALENDAR DAYS OR AS DIRECTED BY THE TEMPORARY TRAFFIC CONTROL COORDINATOR OR THE PROJECT ENGINEER.

3. THE CONTRACTOR SHALL GIVE ADVANCE NOTIFICATION (WRITTEN AND VERBALLY) TO THE TEMPORARY TRAFFIC CONTROL COORDINATOR AT 645-6269 OR 645 5845, THE COLUMBUS PAVING THE WAY PROGRAM COORDINATOR AT 645-7283 OR 645 6016, OR PAVINGTHEWAY@COLUMBUS.GOV, AND THE PROJECT ENGINEER, INFORMING THEM OF ALL UPCOMING MAINTENANCE OF TRAFFIC CHANGES ON A WEEKLY BASIS. NOTIFICATION SHALL INCLUDE, BUT NOT LIMITED TO, WHAT, WHERE, WHEN. AND HOW PEDESTRIAN AND VEHICULAR TRAFFIC WILL BE AFFECTED, AND THE TEMPORARY TRAFFIC CONTROL PROCEDURES THE CONTRACTOR IS PLANNING TO USE. THE TYPE OF TRAFFIC CHANGES SHALL DETERMINE THE LENGTH OF ADVANCE NOTIFICATION REQUIRED:

TYPE OF CHANGE: ADVANCE NOTIFICATION NEEDED.

DETOURS / ROAD CLOSURES: 30-DAY NOTIFICATION PRIOR TO CLOSURE

LANE CLOSURE LASTING TWO WEEKS OR MORE: 2-WEEKS

LANE CLOSURES LESS THAN TWO WEEKS: 3-DAYS

LANE CLOSURE OF TWO DAYS OR LESS: 1-DAY

THE COLUMBUS PAVING THE WAY PROGRAM COORDINATOR SHALL BE SUPPLIED COPIES OF ALL NOTIFICATION LETTERS SENT TO AREA BUSINESSES AND RESIDENTS.

THE COTA SENIOR SERVICE PLANNER SHALL BE CONTACTED 30 DAYS PRIOR TO ANY PLANNED CLOSURE ON ASSIGNED COTA ROUTES. ANY OTHER UNFORESEEN IMPACTS TO TRAFFIC SHALL BE IMMEDIATELY REPORTED AS THEY OCCUR.

4. ACCESS FOR PEDESTRIAN AND VEHICULAR TRAFFIC TO ALL ADJOINING PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND SAFE MOVEMENT OF PEDESTRIANS THROUGH, AROUND, OR DETOURED AWAY FROM THE CONSTRUCTION SITE. TRAFFIC CONTROL FOR PEDESTRIAN MOVEMENT SHALL BE AS PER FIGURES 6H-28 (TA-28) AND 6H-29 (TA-29) OF PART VI OF THE OMUTCD. ALL SIDEWALK DIVERSIONS AND TEMPORARY MID-BLOCK CROSSINGS SHALL BE PRE-APPROVED BY THE PROJECT ENGINEER OR THE TEMPORARY TRAFFIC CONTROL COORDINATOR.

6. THE CONTRACTOR SHALL MAINTAIN ALL PERMANENT TRAFFIC CONTROLS NOT IN CONFLICT WITH THE TEMPORARY TRAFFIC CONTROLS THROUGHOUT THIS PROJECT. PERMANENT TRAFFIC CONTROLS MAY BE TEMPORARILY RELOCATED OR COVERED, AS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR MISSING, DAMAGED, OR IMPROPERLY PLACED SIGNS.

7. ANY WORK DONE BY THE DEPARTMENT OF PUBLIC SERVICE, INCLUDING INSTALLATION, RELOCATION, REMOVAL AND/OR REPLACEMENT OF TEMPORARY TRAFFIC CONTROL DEVICES AS RESULT OF WORK DONE BY THE CONTRACTOR OR AS A RESULT OF NEGLIGENCE OF THE CONTRACTOR, SHALL BE AT THE CONTRACTORS' EXPENSE.

8. THE ROADWAY SHALL NOT BE OPENED TO NON-CONSTRUCTION TRAFFIC UNTIL THE CRITICAL PERMANENT TRAFFIC CONTROL ARE IN PLACE, OR UNTIL TEMPORARY TRAFFIC CONTROLS APPROVED BY THE ENGINEER, ARE INSTALLED. THE CRITICAL PERMANENT TRAFFIC CONTROL ARE STOP, YIELD, ONE-WAY, DO NOT ENTER, AND RESTRICTED TURN SIGNS. OTHER CRITICAL SIGNS MAY BE NOTED ON THE PLANS AS WELL. THE CONTRACTOR ASSUMES ALL LIABILITY FOR THE PREMATURE REMOVAL OF TEMPORARY TRAFFIC CONTROLS.

9. ITEM 614 - MAINTAINING TRAFFIC, LUMP SUM: ALL COSTS THAT CONSIST OF MAINTAINING AND PROTECTING VEHICULAR AND PEDESTRIAN TRAFFIC ACCORDING TO THE LATEST EDITION OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (OMUTCD). AND PER THE REQUIREMENTS DESIGNATED IN THE PLAN INCLUDING ALL LAW ENFORCEMENT OFFICER (LEO) AND FLAGGER HOURS SHALL BE INCLUDED IN THE LUMP SUM ITEM 614.

IN ADDITION TO THE REQUIREMENTS HEREIN, AND THE LATEST EDITION OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, A UNIFORMED LAW ENFORCEMENT OFFICER (LEO) SHALL BE PROVIDED FOR CONTROLLING TRAFFIC UNDER THE FOLLOWING CONDITIONS:

- WORK WITHIN A SIGNALIZED INTERSECTION, DEFINED AS THE AREA BOUNDED BY THE REAR CROSSWALK LINES
- WHEN FLAGGING WITHIN THE INTERSECTION OF TWO ARTERIAL ROADWAYS
- WHEN SPECIFIED IN THE MAINTENANCE OF TRAFFIC PLAN OR AS DIRECTED BY THE PROJECT ENGINEER
- WHEN SHIFTING TRAFFIC LEFT OF CENTER, THROUGH A SIGNALIZED INTERSECTION, WITHOUT SHIFTING SIGNAL HEADS

A FLAGGER SHALL BE UTILIZED TO ASSIST IN CONTROLLING TRAFFIC WHILE EQUIPMENT IS ENTERING OR EXITING AN INTERSECTION OR WORK ZONE. THE CONTRACTOR MAY UTILIZE HIS OWN OR LEO UNDER PAY ITEM 614 MAINTAINING TRAFFIC, LUMP SUM.

FLAGGERS AND LEO'S SHALL BE EQUIPPED ACCORDING TO THE STANDARDS FOR FLAGGING TRAFFIC CONTAINED IN THE OMUTCD. FLAGGING OPERATIONS PERFORMED BY LEO'S OR DESIGNATED FLAGGERS SHALL ONLY BE PERMITTED AS LONG AS ALL TRAFFIC CONTROL IS IN PLACE ACCORDING TO FIGURE 6H-10 (TA-10) IN THE OHIO MANUAL .. PATROL CARS SHALL NOT BE USED IN FLAGGING OPERATIONS.

IF THE CONTRACTOR WISHES TO UTILIZE LEO'S FOR TRAFFIC CONTROL OTHER THAN FOR THE REQUIRED IN THE PLANS, THEY DO SO AT THEIR OWN EXPENSE. THE CONTRACTOR SHALL MAKE ARRANGEMENT THROUGH THE PICKAWAY COUNTY SHERIFF'S OFFICE. LEO'S SHALL BE CONSIDERED TO BE EMPLOYED BY THE CONTRACTOR AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR ACTIONS. LEO'S SHALL NOT HAVE THE AUTHORITY TO CHANGE, EDIT, OR MODIFY ANY MAINTENANCE OF TRAFFIC SCHEME WITHOUT THE PERMISSION OF THE TEMPORARY TRAFFIC CONTROL COORDINATOR OR PROJECT ENGINEER UNLESS AN EMERGENCY DEVELOPS.

IF A SAFETY HAZARD DEVELOPS, A LEO MAY BE ASSIGNED BY THE COLUMBUS SAFETY AND SERVICES DIRECTOR AT THE CONTRACTOR'S EXPENSE.

TYPE C STEADY-BURN OR TYPE D 360-DEGREE STEADY-BURN WARNING LIGHTS SHALL BE REQUIRED ON ALL BARRICADES, DRUMS, AND SIMILAR TRAFFIC CONTROL DEVICES IN USE AT NIGHT. ONLY 42" REFLECTORIZED CHANNELIZING DEVICES (CONES) SHALL BE PERMITTED FOR NIGHTTIME WORK WITH THE APPROVAL OF THE TTC COORDINATOR AT 645-6269 OR 645-5845 PER ODOT STANDARDS.

ALL EXISTING TRAFFIC LANES SHALL BE OPEN TO TRAFFIC AT ALL TIMES ON: STATE ROUTE 762. EXISTING PERMANENT TRAFFIC CONTROL ITEMS:

1. ANY WORK DONE BY THE DEPARTMENT OF PUBLIC SERVICE, INCLUDING INSTALLATION, RELOCATION, REMOVAL AND/OR REPLACEMENT OF PERMANENT TRAFFIC CONTROL DEVICES AS A RESULT OF WORK DONE BY THE CONTRACTOR OR AS A RESULT OF NEGLIGENCE OF THE CONTRACTOR, SHALL BE AT THE CONTRACTOR'S EXPENSE.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REINSTALLATION AND/OR REPLACEMENT OF ALL PERMANENT TRAFFIC CONTROL DEVICES DAMAGED OR REMOVED DURING CONSTRUCTION. PERMANENT TRAFFIC CONTROL NO LONGER IN CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE REPLACED IMMEDIATELY.

TRAFFIC OPERATIONS' PERSONNEL SHALL LOCATE AND MARK ALL UNDERGROUND TRAFFIC CONTROL CABLES. THE TRAFFIC OPERATIONS SHOP SHALL BE NOTIFIED 645 7393 (FAX 645-5967) AT LEAST FORTY-EIGHT (48) HOURS (EXCLUDING SAT. & SUN.) PRIOR TO THE BEGINNING OF ANY WORK WITHIN 450 FEET OF ANY SIGNALIZED INTERSECTION(S) OR WITHIN ANY POSTED AREA WHERE THE DEPARTMENT HAS UNDERGROUND CABLE. THE SIGNAL OPERATION ENGINEER (645-6418) SHALL BE NOTIFIED SIX (6) WEEKS IN ADVANCE FOR SIGNAL REVISIONS OR POLE RELOCATIONS.

WHEN ANY TRAFFIC CONTROL DEVICE, CONDUIT, OR CABLE IS DAMAGED, THE CONTRACTOR SHALL NOTIFY SIGNAL OPERATION PERSONNEL AT 645-0423 (CELL 419-4501) BETWEEN 7:00 AM AND 4:00 PM, MONDAY THROUGH FRIDAY. IF UNABLE TO MAKE CONTACT THROUGH THE OTHER NUMBERS, CALL 645-7393.

		BORE PITS, EARTHWORK AND TRENCHES BEYOND THE SHOULDER
ACCESS TO PRIVATE PROPERTY: ACCESS TO DRIVES SHALL BE MAINTAINED VIA EXISTING PAVEMENT OR TEMPORARY PAVEMENT. IN THE EVENT THAT A DRIVE CANNOT BE MAINTAINED AND A CLOSURE IS NEEDED THE CONTRACTOR WILL COORDINATE WITH THE PROPERTY OWNER TO MINIMIZE THE IMPACT TO THE OWNER.	ENSURE PROVIDED LEOS HAVE BEEN TRAINED APPROPRIATE TO THE JOB DECISIONS THEY ARE REQUIRED TO MAKE WHILE ON THE PROJECT, IN ACCORDANCE WITH C&MS 614.03. THE LEO SHALL REPORT IN TO THE CONTRACTOR PRIOR TO THE START OF THE SHIFT, IN ORDER	BORE PITS, EARTHWORK AND TRENCHES WITHIN ODOT RIGHT-OF-WAY MUST DITCH SECTION AND PROTECTED IN ACCORDANCE WITH ODOT'S STANDARD CO MT-101.90. "DROPOFFS IN WORK ZONES". • A PIT/TRENCH 4 TO 12 FEET FROM THE EDGE OF TRAVELED LANE AND
COMMERCIAL PROPERTY WITH MULTIPLE DRIVES MAY HAVE ONE DRIVE CLOSED WHEN WORKING IN THE AREA OF THE DRIVE. COMMERCIAL PROPERTY WITH ONLY ONE DRIVEWAY OR DRIVEWAYS WITH ONE DIRECTION TRAFFIC USE WILL BE CONSTRUCTED PART WIDTH. THE CONTRACTOR WILL COORDINATE WITH THE PROPERTY OWNER TO MINIMIZE THE IMPACT TO THE OWNER.	TO RECEIVE INSTRUCTIONS REGARDING SPECIFIC WORK ASSIGNMENTS DURING HIS/HER SHIFT. THE LEO IS EXPECTED TO STAY AT THE PROJECT SITE FOR THE ENTIRE DURATION OF HIS/HER SHIFT. THE LEO SHALL REPORT TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT. SHOULD IT BE NECESSARY TO LEAVE THE PROJECT SITE, THE LEO SHALL NOTIFY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LEO WITH A TWO-WAY COMMUNICATION DEVICE THAT SHALL BE RETURNED TO	 INCHES DEEP MUST HAVE DRUMS DURING THE DAY AND PCB AT NIGHT PLATED OR BACKFILLED TO WITHIN 12 INCHES. SEE MT-101.90 FOR AD A PIT/TRENCH 12 TO 30 FEET FROM THE EDGE OF TRAVELED LANE AN INCHES DEEP MUST HAVE DRUMS DURING THE DAY AND PCB AT NIGHT
MAINTAIN ACCESS TO RESIDENTIAL PROPERTIES AT ALL TIMES. WHEN A RESIDENTIAL DRIVE IS CLOSED FOR CONSTRUCTION, MAINTAIN ALTERNATE ACCESS TO THE PROPERTY. IT MAY BE REQUIRED FOR THE CONTRACTOR TO MAINTAIN ONE PASSABLE LANE WITHIN A CLOSURE IN ORDER FOR VEHICLES TO ACCESS RESIDENCY WITH A VEHICLE.	THE CONTRACTOR AT THE END OF HIS/HER SHIFT. LEOS (WITH PATROL CAR) REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A UNIT PRICE (HOURLY) BASIS UNDER ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE. THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE PAID UNDER ITEM 614 MAINTAINING TRAFFIC, LUMP, SUM.	PLATED OR BACKFILLED TO WITHIN 24 INCHES. SEE MT-101.90 FOR AD THE LENGTH OF THE TRENCH WHICH IS OPEN AT ANY ONE TIME SHALL BE AND SHALL AT ALL TIMES BE SUBJECT TO APPROVAL OF THE ENGINEER.
UNLESS CALLED OUT IN THE PLANS THE CONTRACTOR WILL COORDINATED ANY CLOSURES WITH PROPERTY OWNERS AND BE RESPONSIBLE FOR ANY AND ALL PROPERTY USE AGREEMENTS FOR ALTERNATIVE ACCESS.	ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE 10 HOURS	ALL DROP-OFF CONDITIONS WITHIN THE WORK ZONE MUST BE PROTECTED STANDARD CONSTRUCTION DRAWING MT-101.90.
SUCCESSFULLY NOTIFY THE OCCUPANTS/OWNERS OF COMMERCIAL OR RESIDENTIAL DRIVES TO BE CLOSED AND COORDINATE THE CLOSURE AT LEAST 48 HOURS BEFORE THE CLOSURE BEGINS (SIMPLY LEAVING A WRITTEN NOTICE OR PHONE MESSAGE IS NOT SUFFICIENT). COORDINATE	THE HOURS PAID SHALL INCLUDE ANY MINIMUM SHOW-UP TIME REQUIRED BY THE LAW ENFORCEMENT AGENCY INVOLVED.	CONSTRUCTION ENTRANCE WITH LIMITED SIGHT DISTANCE OR HIGH TRAFFIC M DUE TO THE LIMITED SIGHT DISTANCE OR HIGH TRAFFIC VOLUMES, PLACE "C AND "TRUCKS ENTERING/EXITING HIGHWAY" SIGNS NEAR THE CONSTRUCTION WITH ODOT STANDARD CONSTRUCTION DRAWING MT-103.10 - CONSTRUCTION
ALTERNATE ACCESS TO RESIDENTIAL PROPERTIES WITH THE OWNER/OCCUPANT. PAYMENT FOR ALL LABOR, EQUIPMENT, LAW ENFORCEMENT OFFICERS AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC UNLESS	ANY ADDITIONAL COSTS (ADMINISTRATIVE OR OTHERWISE) INCURRED BY THE CONTRACTOR TO OBTAIN THE SERVICES OF AN LEO ARE INCLUDED WITH THE BID UNIT PRICE FOR ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE.	MUD. DIRT AND DEBRIS THE TRACKING OR SPILLAGE OF MUD, DIRT OR DEBRIS UPON STATE HIGHWA ANY SUCH OCCURRENCE SHALL BE CLEANED UP IMMEDIATELY BY THE CONT
ITEMIZED SEPARATELY. DROPOFFS IN WORK ZONES:	ITEM 614 — MAINTAINING TRAFFIC: ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED, AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (CURRENT EDITION). COPIES ARE AVAILABLE FROM,	<u>VEHICLE PARKING</u> VEHICLES ARE NOT TO BE PARKED ON THE PAVEMENT. ALL VEHICLES ARE ^T
THE DROPOFF ADJACENT TO THE TRAVELED LANE SHALL MEET THE CRITERIA OUTLINED IN STANDARD DRAWING MT-101.90. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR MATERIALS, LABOR OR EQUIPMENT NECESSARY TO MEET THE REQUIREMENTS OF MT-101.90.	THE OHIO DEPARTMENT OF TRANSPORTATION BUREAU OF TRAFFIC,	614.035 – STORAGE OF EQUIPMENT, VEHICLE AND MATERIAL ON HIGHWAY F <u>PERSONAL PROTECTIVE EQUIPMENT</u> ODOT REQUIRES ALL CONTRACTORS' PERSONNEL TO WEAR THE CORRECT PF
LANES OPEN DURING HOLIDAYS AND SPECIAL EVENTS: NO WORK SHALL BE PERFORMED AND THE SAME NUMBER OF LANES AS WERE AVAILABLE AT THE START OF THE PROJECT SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR SPECIAL EVENTS:	1980 WEST BROAD STREET COLUMBUS, OHIO 43223 LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF	RIGHT-OF-WAY. ALL VEHICLES SHALL HAVE THE CORRECT SAFETY EQUIPMEN
HOLIDAYS NEW YEAR'S (OBSERVED) LABOR DAY TOTAL SOLAR ECLIPSE (4/8/24) GENERAL/REGULAR ELECTION DAY (NOV) MEMORIAL DAY THANKSGIVING	THE ENGINEER AND DORATION OF LANE CLOSSORES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER AND/OR ODOT. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER OR ODOT, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.	 WORKSITE INGRESS AND EGRESS MEETING THE DESCRIPTIONS BELOW SHALL PEAK HOURS. PEAK HOURS ARE CONSIDERED TO BE 5AM-9AM AND 3PM-6 ENTERING THE WORKSITE FROM RAMPS, INTERSTATE SHOULDERS OR INTER EXITING THE WORKSITE ONTO OR ALONGSIDE RAMPS, INTERSTATE SHOULD LANES
FOURTH OF JULY (OBSERVED) CHRISTMAS(OBSERVED) THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR SPECIAL EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:	CONSTRUCTION OPERATIONS SHALL NOT BEGIN UNTIL ALL TRAFFIC CONTROL IS IN PLACE AND APPROVED BY ODOT PERSONNEL. THE CONSTRUCTION INSPECTOR SHALL APPROVE ALL TEMPORARY TRAFFIC CONTROL DEVICES FOR CONDITION AND LOCATION BEFORE THE CONTRACTOR WILL BE ALLOWED TO BEGIN WORK. IF THE CONTRACTOR DOES NOT COMPLY WITH THE STANDARDS, THE WORK PERMIT SHALL BE REVOKED AND ALL WORK SHALL BE TERMINATED.	
DAY OF HOLIDAY OR SPECIAL EVENTTIME ALL LANES MUST BE OPEN TO TRAFFICSUNDAY12:00 NOON FRIDAY THROUGH 6:00 AM MONDAYMONDAY12:00 NOON FRIDAY THROUGH 6:00 AM TUESDAYMONDAY (TOTAL SOLAR ECLIPSE)12:00 NOON FRIDAY THROUGH 6:00 AM WEDNESDAYTUESDAY12:00 NOON MONDAY THROUGH 6:00 AM WEDNESDAYTUESDAY12:00 NOON MONDAY THROUGH 6:00 AM WEDNESDAY	NOTIFICATION OF CONSTRUCTION INITIATION: AT LEAST FOURTEEN DAYS PRIOR TO STARTING INITIAL CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL ADVISE THE DISTRICT OFFICE OF COMMUNICATIONS VIA EMAIL AT D06.PIO@DOT.OHIO.GOV, THE DISTRICT WORK ZONE TRAFFIC MANAGER VIA EMAIL AT D06.MOT@DOT.OHIO.GOV AND THE CENTRAL OFFICE SPECIAL HAUL PERMITS SECTION VIA EMAIL AT HAULING.PERMITS@DOT.OHIO.GOV OF THE ANTICIPATED START DATE OF ANY CONSTRUCTION ACTIVITIES INCLUDING BUT NOT LIMITED TO THE PLACING OF WORK ZONE SIGNS. THE NOTIFICATION SHALL ALSO INCLUDE THE PROJECT NUMBER, PERMIT APPLICATION NUMBER, NAME AND PHONE NUMBER OF THE CONTRACTOR, A POINT OF CONTACT AND THE ANTICIPATED IMPACT ON TRAFFIC. THE CONTRACTOR WILL IMMEDIATELY INFORM	
FOEDDAT (OLIVITALE).5:00 AM TUESDAY THROUGH 12:00 AM WEDNESDAYELECTION)12:00 NOON TUESDAY THROUGH 6:00 AM THURSDAYTHURSDAY12:00 NOON WEDNESDAY THROUGH 6:00 AM FRIDAYTHANKSGIVING6:00 AM WEDNESDAY THROUGH 6:00 AM MONDAYFRIDAY12:00 NOON THURSDAY THROUGH 6:00 AM MONDAYSATURDAY12:00 NOON FRIDAY THROUGH 6:00 AM MONDAYSPECIAL EVENTS	THE DISTRICT OFFICE OF COMMUNICATIONS AND THE DISTRICT WORK ZONE TRAFFIC MANAGER OF ANY AND ALL DELAYS AND/OR CHANGES REGARDING THE CONSTRUCTION INITIATION DATE. <u>NOTIFICATION OF TRAFFIC RESTRICTIONS:</u> THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER, COUNTY MANAGER, THE DISTRICT 6 PUBLIC INFORMATION OFFICE AT DO6.PIO@DOT.OHIO.GOV AND THE DISTRICT WORK ZONE TRAFFIC MANAGER AT DO6.MOT@DOT.OHIO.GOV IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE	
NONE DURING THE SAME PERIODS, MAINTAIN PEDESTRIAN ACCESS IF PEDESTRIAN ACCESS WAS PRESENT PRIOR TO CONSTRUCTION.	CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.	
ITEM 614. LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS: USE OF LAW ENFORCEMENT OFFICERS (LEOS) BY CONTRACTORS OTHER THAN THE USES SPECIFIED BELOW WILL NOT BE PERMITTED AT PROJECT COST. LEOS SHOULD NOT BE USED WHERE THE OMUTCD INTENDS THAT FLAGGERS BE USED.	INFORMATION SHOULD INCLUDE BUT IS NOT LIMITED TO ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER OR ODOT.	
IN ADDITION TO THE REQUIREMENTS OF C&MS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP—MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHALL BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS:	NOTIFICATION TIME FRAME TABLE DURATION DURATION NOTIFICATION DUE TO DISTRICT SIGN DISPLAYED TO ITEM OF 6 COMMUNICATIONS OFFICE PUBLIC	
DURING THE ENTIRE ADVANCE PREPARATION AND CLOSURE SEQUENCE WHERE COMPLETE BLOCKAGE OF TRAFFIC IS REQUIRED.	>= 2 WEEKS21 CALENDAR DAYS PRIOR TO CLOSURE14 CALENDAR DAYS PRIOR TO CLOSURERAMP & ROAD CLOSURES> 12 HOURS14 CALENDAR DAYS PRIOR TO & < 2 WEEKS	
IN ADDITION TO THE REQUIREMENT OF C&MS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHOULD BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS AS APPROVED BY THE ENGINEER:	<pre><=12 HOURS 4 BUSINESS DAYS PRIOR TO CLOSURE PRIOR TO CLOSURE</pre>	
FOR LANE CLOSURES: DURING INITIAL SET—UP PERIODS, TEAR DOWN PERIODS, SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN NEW LANE CLOSURE ARRANGEMENTS ARE INITIATED FOR LONG—TERM LANE CLOSURES/SHIFTS (FOR THE FIRST AND LAST DAY OF MAJOR CHANGES IN TRAFFIC CONTROL SETUP).	LANE CLOSURES > 2 WEEKS CLOSURE & RESTRICTIONS < 2 WEEKS	
FOR OPERATIONS WITHOUT POSITIVE PROTECTION OCCURRING WITHIN 10 FEET OF AN OPEN TRAVELED LANE THAT MEET ALL OF THE FOLLOWING CRITERIA:	TRAFFIC PATTERN N/A IMPLEMENTATION	
ON A MULTI-LANE DIVIDED INTERSTATE, OTHER FREEWAY OR EXPRESSWAY; AND AN AUTHORIZED SPEED LIMIT OF 45 MPH OR GREATER THAT IS IN EFFECT AT THE TIME	ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT MANAGER, COUNTY MANAGER, THE DISTRICT 6 PUBLIC INFORMATION OFFICE AND THE DISTRICT WORK ZONE TRAFFIC MANAGER USING THE NOTIFICATION TIME FRAME TABLE.	
OF THE OPERATION; AND,	APPLICANT SHALL FILL OUT AND SUBMIT TO PIO & DWZTM ODOT DISTRICT SIX — PERMIT AND LOCAL LET CLOSURE AND RESTRICTION FORM EXCEL WHEN NOTIFYING THEM OF THE UPCOMING	
"WITHOUT POSITIVE PROTECTION" MEANS USE OF DRUMS, CONES, SHADOW VEHICLE, ETC, WITHOUT PROTECTION FROM PORTABLE BARRIER OR OTHER RIGID BARRIER ALONG THE WORK AREA. THIS PHRASE DOES NOT APPLY TO CASES WHERE POSITIVE PROTECTION IS REQUIRED. MOBILE OPERATIONS ARE REGARDED AS "WITHOUT POSITIVE PROTECTION". FOR WORK ZONES USING A COMBINATION OF BARRIER AND TEMPORARY TRAFFIC CONTROL DEVICES (CONES, DRUMS, ETC), THE DESIGNATION SHALL BE BASED UPON THE TYPE OF DEVICES USED IN THE AREA THAT WORKERS	TRAFFIC RESTRICTION. <u>TRUCK MOUNTED ATTENUATOR (TMA) – TWO LANE ROADS:</u> WHEN WORKING IN A CLOSED LANE OR SHOULDER ON A TWO-LANE HIGHWAY WITHOUT TEMPORARY OR PERMANENT TRAFFIC BARRIERS SEPARATING THE WORK AREA FROM THE TRAVELED LANE, A TRUCK MOUNTED ATTENUATOR (TMA) SHALL BE PROVIDED TO PROTECT EACH WORK AREA IN	
ARE LOCATED. IF MULTIPLE ACTIVE LOCALIZED QUALIFYING WORK AREAS OCCUR WITHOUT POSITIVE PROTECTION, PER MAINLINE TRAFFIC DIRECTION, PROVIDE A UNIFORMED LEO AND OFFICIAL PATROL CAR IN ADVANCE	ACCORDANCE WITH OMUTCD TYPICAL APPLICATION (TA) 4, TA-6 AND TA-17, ALONG WITH STANDARD CONSTRUCTION DRAWING (SCD) MT-97.10. THE TMA SHALL BE PLACED IN SUCH A WAY TO ADEQUATELY PROTECT THE WORKERS INSIDE THE WORK ZONE. THE TMA IS NOT INTENDED TO BE	
OF: THE FIRST ACTIVE WORK AREA THAT DRIVERS WILL ENCOUNTER; OR THE ACTIVE WORK AREA LATERALLY CLOSEST TO THE OPEN TRAVELED LANE; OR	USED AS OR SUBSTITUTED FOR THE FLAGGERS AND/OR WARNING SIGNS AND DEVICES. FURNISH A TMA THAT IS NCHRP-350 (MANUFACTURED PRIOR TO 1/1/20) OR MASH TL-3 COMPLIANT. THE COST FOR PROVIDING THE TMA SHALL INCLUDE ALL MATERIAL, LABOR, EQUIPMENT, AND HARDWARE REPLACEMENT AND IS TO BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614 - MAINTAINING TRAFFIC.	
OTHER LOCATION AS APPROVED BY THE ENGINEER. THE UNIFORMED LEO AND OFFICIAL PATROL CAR MAY RELOCATE AMONG THE LISTED LOCATIONS AS APPROPRIATE AS THE OPERATIONS PROCEED IN THE LOCALIZED QUALIFYING WORK AREAS.	WORK SITE LIGHTING: FLOODLIGHTING OF THE WORK SITE FOR OPERATIONS CONDUCTED DURING NIGHTTIME PERIODS SHALL	
IN GENERAL, LEOS SHOULD BE POSITIONED IN ADVANCE OF AND ON THE SAME SIDE AS THE LANE RESTRICTION OR AT THE POINT OF ROAD CLOSURE, AND TO MANUALLY CONTROL TRAFFIC MOVEMENTS THROUGH SIGNALIZED INTERSECTIONS IN WORK ZONES.	BE ACCOMPLISHED SO THAT THE LIGHTS DO NOT CAUSE GLARE TO THE DRIVERS ON THE ROADWAY. TO ENSURE THE ADEQUACY OF THE FLOODLIGHT PLACEMENT, THE CONTRACTOR, AND THE ENGINEER SHALL DRIVE THROUGH THE WORK SITE EACH NIGHT WHEN THE LIGHTING IS IN PLACE AND OPERATIVE PRIOR TO COMMENCING ANY WORK. IF GLARE IS DETECTED, THE LIGHT PLACEMENT AND	
LEOS SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFIC VIOLATIONS. HOWEVER, IF A MOTORIST'S ACTIONS ARE CONSIDERED TO BE RECKLESS. THEN PURSUIT OF THE MOTORIST IS APPROPRIATE.	SHIELDING SHALL BE ADJUSTED TO THE SATISFACTION OF THE ENGINEER BEFORE WORK PROCEEDS. PAYMENT FOR ALL LABOR, EQUIPMENT, AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC.	
THE LEOS WORK AT THE DIRECTION OF THE MOTORIST IS APPROPRIATE. SECURING THE SERVICES OF THE LEOS WITH THE APPROPRIATE AGENCIES AND COMMUNICATING THE INTENTIONS OF THE PLANS WITH RESPECT TO DUTIES OF THE LEOS. THE ENGINEER SHALL HAVE	FREEWAY SAFETY A CREW MEMBER IS TO BE THE SAFETY PERSON WHILE CREWS ARE WORKING IN ALL FREEWAY RIGHT—OF—WAY. THIS MEMBER IS NOT TO BE ACTIVE IN THE ACTUAL WORK OF THE CREW WHILE THEY ARE IN THE RIGHT—OF—WAY AREA. THEIR SOLE JOB IS TO BE AWARE OF THE TRAFFIC AND TO KEEP ALL CREW MEMBERS SAFE.	

INTENTIONS OF THE PLANS WITH RESPECT TO DUTIES OF THE LEOS. THE ENGINEER SHALL HAVE FINAL CONTROL OVER THE LEOS' DUTIES AND PLACEMENT, AND WILL RESOLVE ANY ISSUES THAT MAY ARISE BETWEEN THE TWO PARTIES.

I <mark>OULDER</mark> GHT—OF—WAY MUST BE OUTSIDE OF THE DOT'S STANDARD CONSTRUCTION DRAWING					
RAVELED LANE AND GREATER THAN 12 AND PCB AT NIGHT UNLESS SECURELY MT—101.90 FOR ADDITIONAL INFORMATION.					
TRAVELED LANE AND GREATER THAN 24 AND PCB AT NIGHT UNLESS SECURELY MT—101.90 FOR ADDITIONAL INFORMATION.	Revisions	Description			
NE TIME SHALL BE HELD TO A MINIMUM THE ENGINEER.	Re	Des			
<u>ZONE</u> ST BE PROTECTED IN ACCORDANCE WITH					
<u>OR HIGH TRAFFIC VOLUMES</u> VOLUMES, PLACE "CONSTRUCTION ENTRANCE" THE CONSTRUCTION DRIVE IN ACCORDANCE 10 – CONSTRUCTION ACCESS POINTS.		¥			
JPON STATE HIGHWAYS IS PROHIBITED AND ATELY BY THE CONTRACTOR.		d Mark	7		
ALL VEHICLES ARE TO BE PARKED PER CMS RIAL ON HIGHWAY RIGHTS OF WAY.	L	Drafted By	DLS	By By	ר כ נ
R THE CORRECT PPE WHILE WITHIN ODOT T SAFETY EQUIPMENT ALSO.	OHIO				
INIS BELOW SHALL NOT OCCUR DURING M-9AM AND 3PM-6PM MONDAY-FRIDAY. SHOULDERS OR INTERSTATE LANES INTERSTATE SHOULDERS OR INTERSTATE	LE, PICKAWAY COUNTY,	THE DISTILLERY	STATE ROUTE 752	752	MAINTENANCE OF TRAFFIC NOTES
		Aarral and Stevenson Civil Engineering and Surveying	Circleville, Ohio 43113	Ph: 740.497.4432 www.harralstevenson.com	
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	Project:	E2;	Sheet:	7	

