



City of Gahanna

200 South Hamilton
Road
Gahanna, Ohio 43230

Signature

Ordinance: ORD-0031-2022

File Number: ORD-0031-2022

AN ORDINANCE ACCEPTING TAYLOR STATION ROAD ROADWAY INFRASTRUCTURE IMPROVEMENTS

WHEREAS, Gahanna Code Chapter 1107 requires the City to formally accept new public infrastructure improvements that are completed as part of a private development; and

WHEREAS, as part of the Adams Pointe development located in Jefferson Township, Taylor Station Road (City roadway) was widened to include turning lanes to accommodate the traffic associated with Adams Pointe; and

WHEREAS, construction for this project also included storm sewer and water improvements necessary to facilitate the road widening; and

WHEREAS, now that these improvements have been completed, and the developer has requested that the infrastructure be accepted per Gahanna Code, the Department of Public Service & Engineering has certified that the Taylor Station Road Roadway Improvements meet basic requirements for acceptance and have passed all necessary inspections and testing.

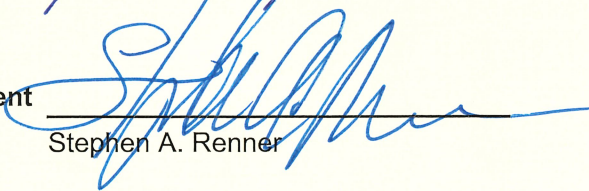
NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF GAHANNA, COUNTY OF FRANKLIN, STATE OF OHIO:

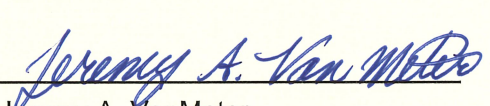
Section 1. That the City of Gahanna hereby accepts the infrastructure improvements made to Taylor Station Road ST-1068 as part of the Adams Pointe development as described by the developer and certified by the City in EXHIBIT A attached hereto and made part herein.

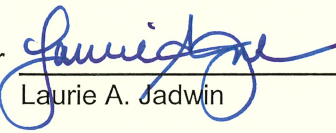
Section 2. That this Ordinance shall be in full force and effect after passage by this Council and 30 days after signature of approval by the Mayor.

At a meeting of the City Council on July 5, 2022, a motion was made by Angelou, seconded by Bowers, that this Ordinance be Adopted (Consent Agenda). The vote was as follows:

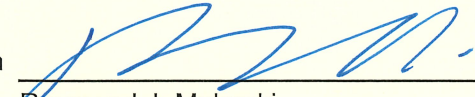
Ms. Angelou, YES; Ms. Bowers, YES; Ms. McGregor, YES; Ms. Padova, YES;
Mr. Renner, YES; Mr. Schnetzer, YES; Mr. Weaver, YES.

President  Date 07/05/2022
Stephen A. Renner

Attest by  Date 7/5/2022
Jeremy A. VanMeter
Clerk of Council

Approved by the Mayor 
Laurie A. Jadwin

Date 7-5-2022

Approved as to Form 
Raymond J. Mularski
City Attorney

Date 7-5-2022

June 8, 2022

City Engineer
City of Gahanna
200 South Hamilton Road
Gahanna, Ohio 43230

RE: Taylor Station Road Turn Lane Improvements – Adams Pointe

Dear Caitlyn Ridge,

Oxford Circle, LLC requests that the City of Gahanna accept the infrastructure improvements completed on Taylor Station Road as part of the Adams Pointe development, subject to the required warranty period. For your use and distribution to City Council, we have attached a description of the project improvements and a reduced copy of the development map.

We would appreciate your consideration in accepting the improvements.

If you have any questions or need additional information please contact John Griesenbrock at 614-314-1046.

Sincerely,

A handwritten signature in blue ink, appearing to read "DKenney Jr.", with a long horizontal flourish extending to the right.

Donald R. Kenney Jr.
Oxford Circle Development, LLC



TO: John Griesenbrock
Oxford Circle Development

RE: Certificate of Completion for Taylor Station Road Roadway Improvements (ST-1068)

In accordance with the provisions of Chapter 1105.07 of the Gahanna Codified Ordinance for the subject improvements, the Certificate of Completion is hereby issued on June 8, 2022.

CITY OF GAHANNA, OHIO

A handwritten signature in blue ink that reads "Caitlyn Ridge". The signature is written in a cursive style and is positioned above a horizontal line.

Caitlyn Ridge, PE
City Engineer

CC: Clerk of Council
Director of Public Service & Engineering
Building Inspector
Division of Water/Sewer
Inspector
File

CITY OF GAHANNA FRANKLIN COUNTY, OHIO

TAYLOR STATION ROAD ROADWAY IMPROVEMENTS

PROJECT DESCRIPTION

THIS PROJECT IS FOR THE CONSTRUCTION OF ROADWAY IMPROVEMENTS OF A SECTION OF TAYLOR STATION ROAD IN GAHANNA, OHIO. A PORTION OF THE EXISTING ROADWAY IS TO BE WIDENED AND RESURFACED, AND A SEPARATE PORTION OF ROADWAY IS TO BE RECONSTRUCTED AS FULL DEPTH PAVEMENT.

EARTH DISTURBED AREA

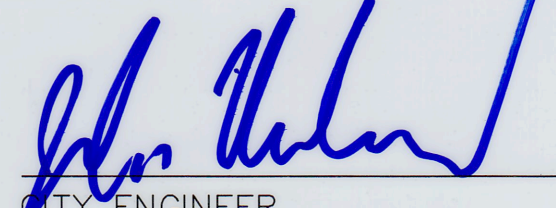
PROJECT EARTH DISTURBED AREA	1.28 ACRES
PRE-CONSTRUCTION IMPERVIOUS AREA	0.43 ACRES
POST-CONSTRUCTION IMPERVIOUS AREA	0.55 ACRES

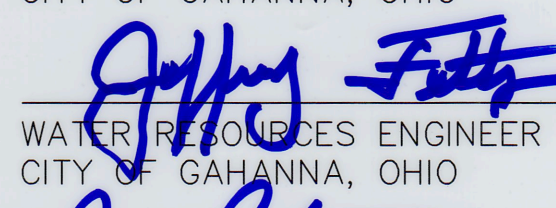
2020 SPECIFICATIONS

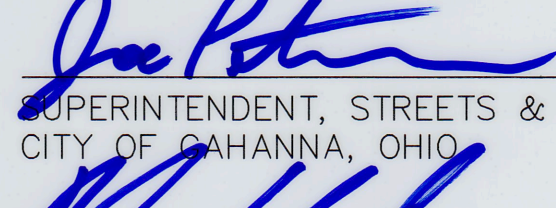
THE CURRENT CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS (CMS) TOGETHER WITH THE REQUIREMENTS OF THE CITY OF GAHANNA, OHIO, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

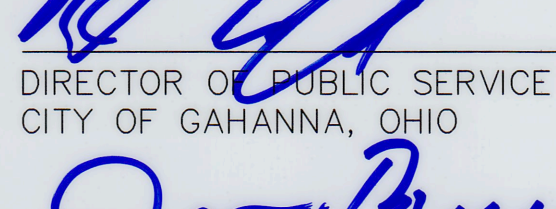
CITY OF GAHANNA APPROVAL

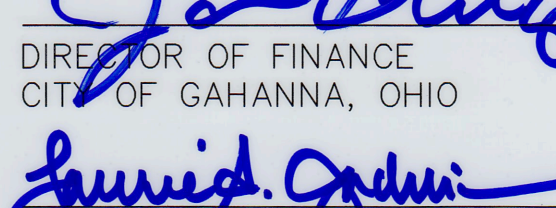
THE SIGNATURES BELOW SIGNIFY ONLY CONCURRENCE WITH THE PURPOSE AND GENERAL LOCATION OF THE PROJECT. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE ENGINEER PREPARING THE PLANS

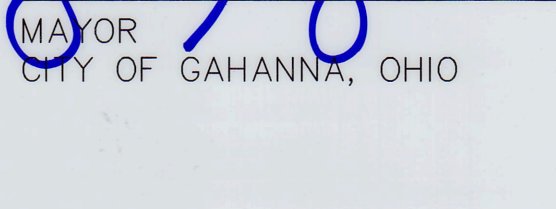

 CITY ENGINEER
 CITY OF GAHANNA, OHIO
 DATE: 10-06-2020

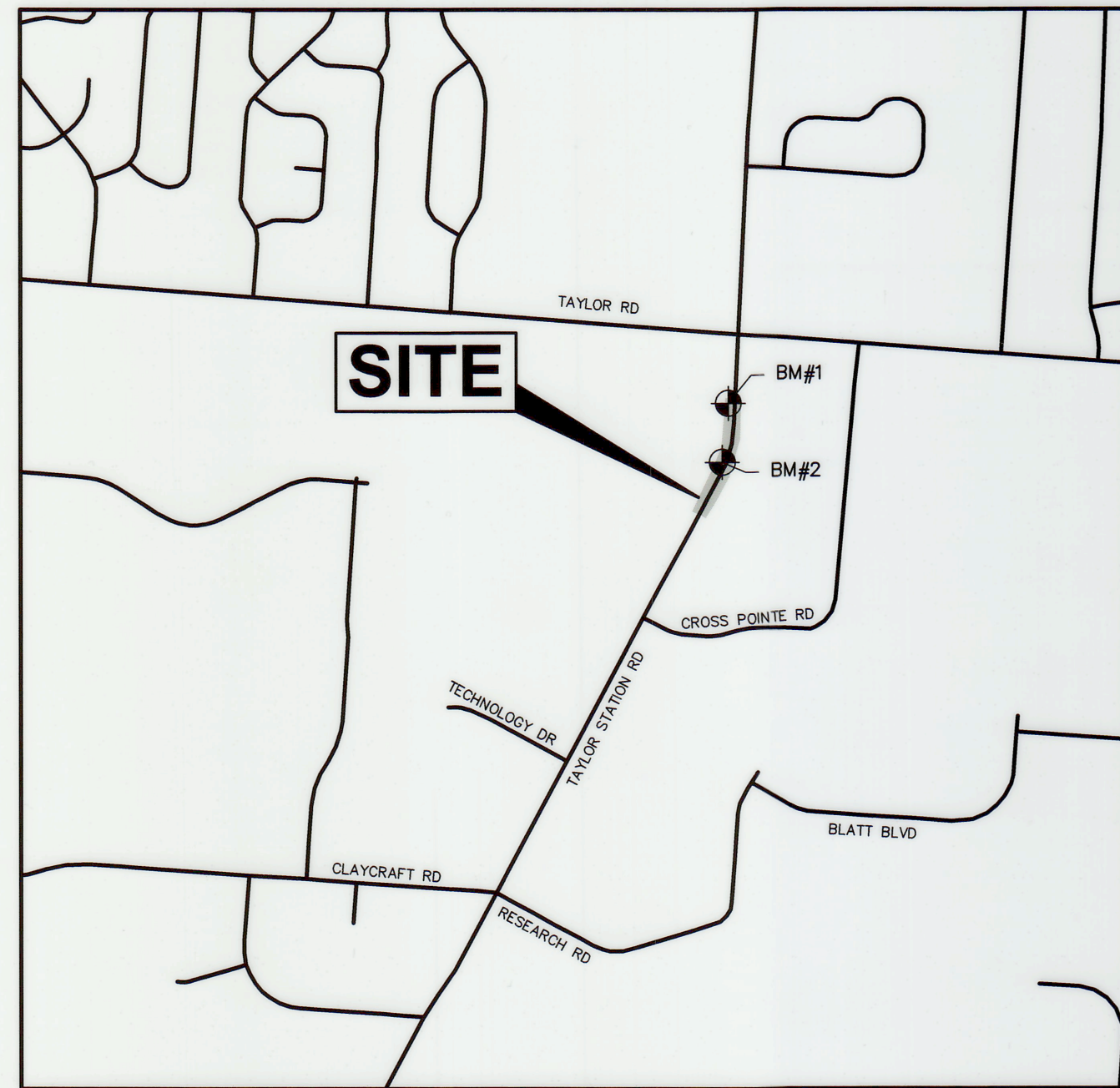

 WATER RESOURCES ENGINEER
 CITY OF GAHANNA, OHIO
 DATE: 10/06/2020


 SUPERINTENDENT, STREETS & UTILITIES
 CITY OF GAHANNA, OHIO
 DATE: 10-06-2020


 DIRECTOR OF PUBLIC SERVICE
 CITY OF GAHANNA, OHIO
 DATE: 10/6/2020


 DIRECTOR OF FINANCE
 CITY OF GAHANNA, OHIO
 DATE: 10/6/2020


 MAYOR
 CITY OF GAHANNA, OHIO
 DATE: 10-6-2020



LOCATION MAP

TAYLOR STATION: LATITUDE: N40°00'01.04" LONGITUDE: W82°50'05.29"

PORTION TO BE IMPROVED.....

DESIGN DESIGNATION

CURRENT ADT (2020)	13,350
DESIGN YEAR ADT (2040)	15,050
DESIGN HOURLY VOLUME (2040)	900
DIRECTIONAL DISTRIBUTION	52%(NB)48%(SB)
TRUCKS (24 HOUR B&C)	3.5%
DESIGN SPEED	35 MPH
LEGAL SPEED	35 MPH
DESIGN FUNCTIONAL CLASSIFICATION	URBAN - MAJOR COLLECTOR

DESIGN EXCEPTIONS

NONE

BENCHMARKS

BASED ON FRANKLIN COUNTY MONUMENTS (NAVD 1988 DATUM).

SOURCE - FRANKLIN COUNTY BENCHMARK NA-14.

ALUMINUM DISK IN THE SOUTH END OF A HEADWALL AT THE NORTHWEST CORNER OF TAYLOR ROAD AND JACKSON HOLE DRIVE, 62 FEET NORTH OF THE CENTERLINE OF TAYLOR ROAD AND 52 FEET WEST OD THE CENTERLINE OF JACKSON HOLE DRIVE.

SITE BM 1 - TOP OF ARROW BOLT OF HYDRANT ON WEST SIDE OF TAYLOR ROAD.

ELEVATION = 905.60

SITE BM 2 - TOP OF EAST BOLT OF HYDRANT ON WEST SIDE OF TAYLOR ROAD.

ELEVATION = 903.29

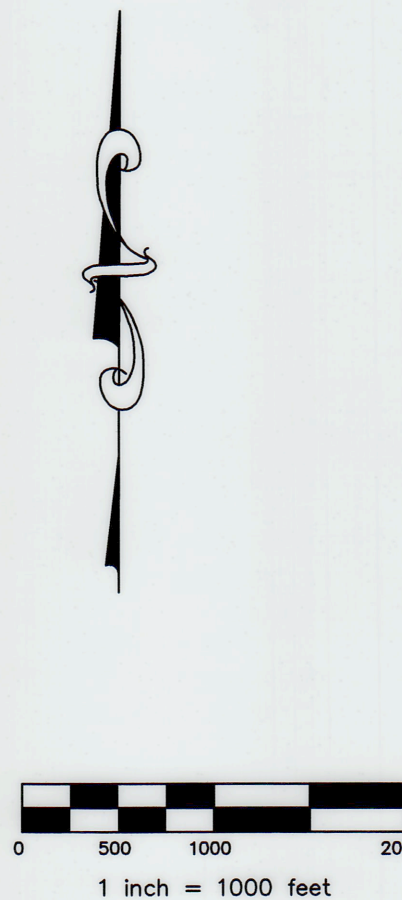
HORIZONTAL CONTROL POINTS (CP)

BASED ON NAD83 (NSRS 2007) OHIO STATE PLANE COORDINATE SYSTEM, SOUTH ZONE.

SOURCE - STATE PLANE COORDINATES WERE ESTABLISHED USING 45 MINUTE STATIC OBSERVATIONS UTILIZING GLOBAL POSITIONING SYSTEM (GPS) PROCEDURES. THE GPS DATA WAS SUBMITTED TO THE NATIONAL GEODETIC SURVEY'S (NGS) ONLINE POSITIONING USER SERVICE RAPID-STATIC (OPUS-RS) SYSTEM FOR PROCESSING. THE SYSTEM USES THE CONTINUALLY OPERATING REFERENCE STATIONS (CORS) TO ESTABLISH THE GEODETIC LOCATIONS.

CP 1 - CAPPED IRON PIN LOCATED ALONG THE EASTERN SIDE OF TAYLOR RD.

NORTHING = 728897.1350
EASTING = 1874740.1450



FROM A POINT 995' SOUTH OF TAYLOR ROAD
TO A POINT 1692' SOUTH OF TAYLOR ROAD

Street Improvements Value:	\$293,745
Storm Sewer Improvements Value:	\$ 23,749
Water Improvements Value:	\$ 16,300

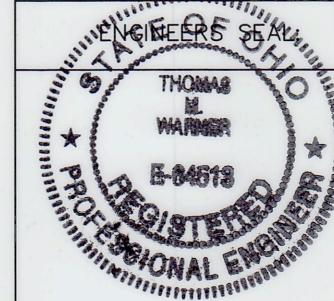
INDEX OF SHEETS:

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UNDERGROUND UTILITIES



CITY OF COLUMBUS STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
AA-S149	10/15/14	ODOT MT 97.10	4/19/19		
AA-S151	7/9/12	ODOT MT 101.9	7/21/17		
AA-S150	7/9/12				
AA-S133A	8/8/14				
2130	4/30/18				
2201	12/31/18				


 SIGNER: *Thomas M. W. [unclear]*
 DATE: 7/10/2020

PLAN PREPARED BY:
 ADVANCED CIVIL DESIGN ENGINEERS SURVEYORS
 781 Science Blvd., Suite 100
 Gahanna, Ohio 43230
 ph 614-428-7750 fax 614-428-7755

PLAN PREPARED FOR:
 CITY OF GAHANNA
 ENGINEERING DIVISION
 200 SOUTH HAMILTON
 GAHANNA, OH 43230
 TE: (614)342-4050

CITY OF GAHANNA, FRANKLIN COUNTY, OHIO
ROADWAY IMPROVEMENTS
 FOR
TAYLOR STATION ROAD

TITLE SHEET

Issue Dates:
 Δ MOT phase 1 & phase 2 swapped 9/15/21
 Δ Note added - Trim trees as required 9/25/21

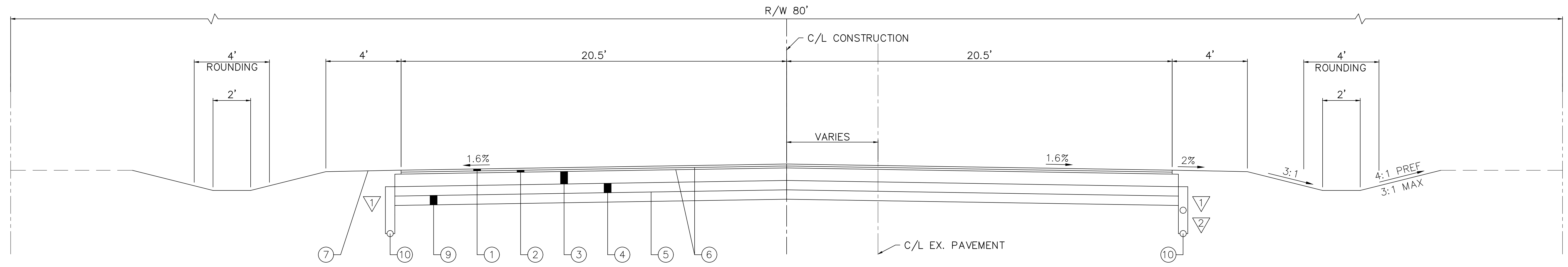
Date: JULY 10, 2020
 Scale: AS NOTED

Drawn By: TLM
 Checked By: MIM

Project Number:
 18-0027-414

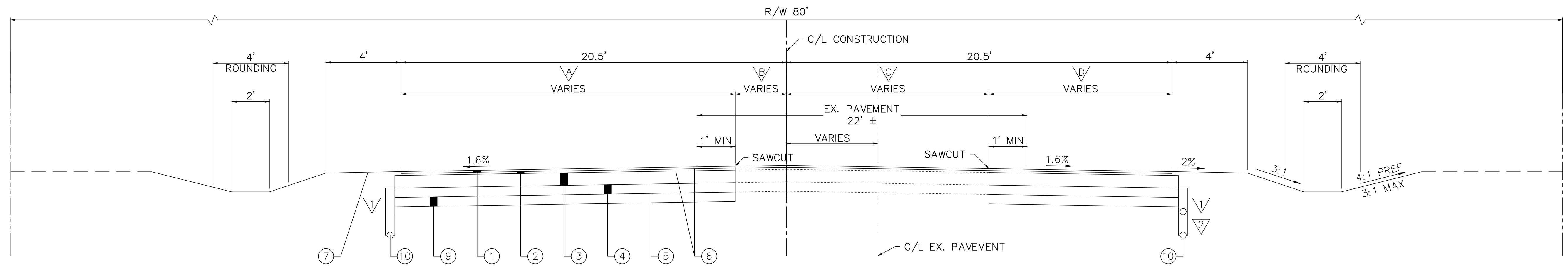
Drawing Number:
1 / 17

Z:\18-0027-414\DWG\production drawings\STREET\0027-414 - Typical Sections.dwg Mar 15, 2022 - 11:38:51am Tramm



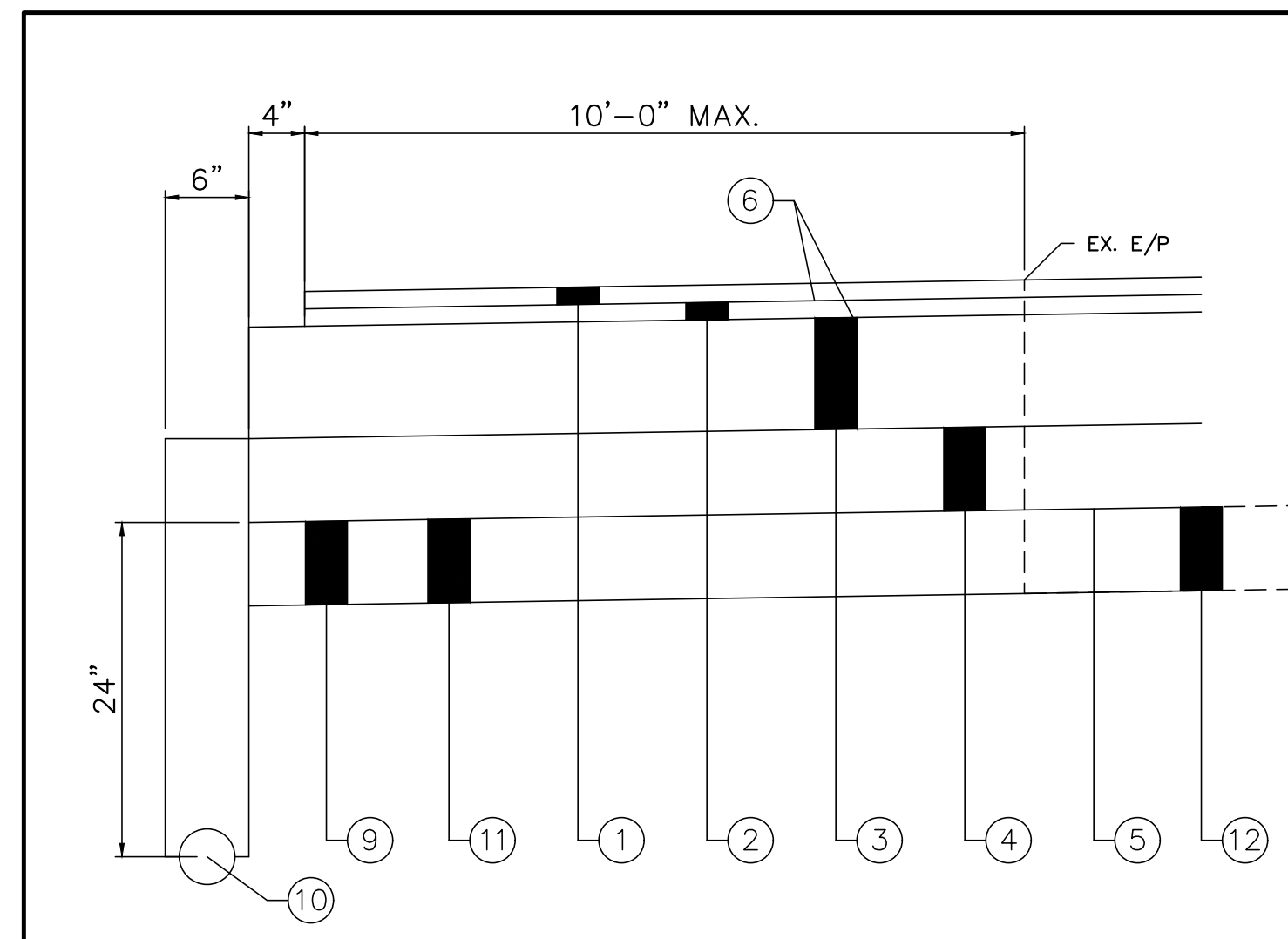
**TAYLOR STATION ROAD
NORMAL SECTION**

SECTION APPLIES TAYLOR STATION ROAD:
STA. 13+00.00 TO STA. 17+59.15 = 459.15 LF



**TAYLOR STATION ROAD
EXISTING SECTION**

SECTION APPLIES TAYLOR STATION ROAD:
STA. 10+62.25 TO STA. 13+00.00 = 237.75 LF



PAVEMENT EDGE DETAIL

LEGEND

- ① ITEM 441 - 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22
- ② ITEM 441 - 1½" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), PG64-22
- ③ ITEM 301 - 8" ASPHALT CONCRETE BASE
- ④ ITEM 304 - 6" AGGREGATE BASE
- ⑤ ITEM 204 - SUBGRADE COMPACTION
- ⑥ ITEM 407 - NON-TRACKING TACK COAT (@ 0.08 GAL/SQ YD)
- ⑦ ITEM 659 - SEEDING AND MULCHING
- ⑧ ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE
- ⑨ ITEM 206 - CEMENT STABILIZED SUBGRADE, 6" DEEP (IN AREAS WHERE WIDENING IS GREATER THAN 10' OR EXISTING AGGREGATE MAT DOES NOT EXIST)
- ⑩ ITEM 605 - 4" SHALLOW PIPE UNDERDRAIN
- ⑪ ITEM 304 - 6" AGGREGATE BASE
- ⑫ ITEM SPECIAL - EX. AGGREGATE MAT, MAINTAIN 6" MIN. DEPTH BELOW PROPOSED SUB-GRADE ELEVATION (IN AREAS WHERE WIDENING IS LESS THAN 10' AND EXISTING AGGREGATE MAT IN UNDER EXISTING PAVEMENT)

- ▽ UNDERDRAIN INVERT TO BE RAISED TO 10" BELOW SUBGRADE ELEVATION IN AREAS TO AVOID GAS LINE CONFLICTS.
- ▽ VARIES 1.99' TO 16.5'
STA. 10+62.25 TO STA.13+00.00
- ▽ VARIES 9.90' TO 2.74'
STA. 10+62.25 TO STA.13+00.00
- ▽ VARIES 9.52' TO 16.48'
STA. 10+62.25 TO STA.13+00.00
- ▽ VARIES 2.4' TO 3.28'
STA. 10+62.25 TO STA.13+00.00

PLAN PREPARED BY:

**ADVANCED
CIVIL DESIGN**
ENGINEERS SURVEYORS

781 Science Blvd, Suite 100
Gahanna, Ohio 43230
ph 614.428.7750
fax 614.428.7755

PLAN PREPARED FOR:

**CITY OF GAHANNA,
ENGINEERING DIVISION**
200 SOUTH HAMILTON
GAHANNA, OH 43230
TE: (614)342-4080

CITY OF GAHANNA, FRANKLIN COUNTY, OHIO

**ROADWAY IMPROVEMENTS
FOR
TAYLOR STATION ROAD**

TYPICAL SECTIONS

Issue Dates:

Date: SEPTEMBER 14, 2021
Scale: AS NOTED

Drawn By: TLM	Checked By: MIM
Project Number: 18-0027-414	
Drawing Number: 2 / 17	

CITY OF GAHANNA
STANDARD PROJECT NOTES
(JANUARY 24, 2018)

GENERAL NOTES:

THE CURRENT CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS (CMS) TOGETHER WITH THE REQUIREMENTS OF THE CITY OF GAHANNA, OHIO, SHALL GOVERN MATERIALS AND WORKMANSHIP INVOLVED IN IMPROVEMENTS SHOWN ON THESE PLANS, EXCEPT THOSE SPECIFICATIONS MODIFIED BY THE FOLLOWING SPECIFICATIONS OR CONSTRUCTION DETAILS SET FORTH HEREIN.

ALL PERTINENT STANDARD CONSTRUCTION DRAWINGS ARE AVAILABLE UPON REQUEST AT THE OFFICE OF THE CITY OF GAHANNA ENGINEER.

ALL WORK IS TO BE ACCEPTABLE TO CITY OF GAHANNA OFFICIALS. NO WORK IS TO COMMENCE UNTIL ARRANGEMENTS HAVE BEEN MADE WITH THE CITY OF GAHANNA ENGINEER FOR INSPECTION.

THE CONTRACTOR SHALL NOTIFY THE CITY OF GAHANNA ENGINEER AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.

THE CONTRACTOR IS TO SCHEDULE A PRE-CONSTRUCTION MEETING ONE BUSINESS WEEK PRIOR TO CONSTRUCTION. THE MEETING SHALL TAKE PLACE AT LEAST ONE BUSINESS WEEK PRIOR TO THE FOLLOWING: SITE CLEARING, MATERIAL DELIVERED ON-SITE, EQUIPMENT ON-SITE AND FIELD OFFICE ON-SITE.

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE AND LOCAL SAFETY REQUIREMENTS INCLUDING THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970. THE CONTRACTOR SHALL EXERCISE PRECAUTION ALWAYS FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT SHALL ALSO BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INITIATE, MAINTAIN AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, INCLUDING THE REQUIREMENTS FOR CONFINED SPACES PER 29 CFR 1910.146.

THE PRICE(S) QUOTED SHALL INCLUDE ALL ITEMS OF LABOR, MATERIALS, TOOLS, EQUIPMENT, INSURANCE AND OTHER COSTS NECESSARY TO FULLY COMPLETE THE WORK PURSUANT TO THE CONTRACT DOCUMENTS. IT IS THE INTENTION OF THE CONTRACT DOCUMENTS TO PROVIDE AND REQUIRE A COMPLETED WORK PROJECT READY FOR OPERATION. ANY WORK ITEMS OMITTED FROM SUCH CONTRACT DOCUMENTS WHICH ARE CLEARLY NECESSARY FOR THE COMPLETION OF SUCH WORK AND ITS APPURTENANCES SHALL BE CONSIDERED A PART OF SUCH WORK ALTHOUGH NOT DIRECTLY SPECIFIED OR CALLED FOR IN THE CONTRACT DOCUMENTS.

ALL FIELD TILE BROKEN DURING EXCAVATION SHALL BE REPLACED WITH PERFORATED PIPE OR CONNECTED TO THE STORM SEWER SYSTEM. THE COST FOR THIS WORK SHALL BE INCLUDED IN PRICE BID FOR THE VARIOUS RELATED ITEMS.

NO NATURAL DRAINAGE COURSES SHALL BE ALTERED AND NO FILL, MATERIALS OR STRUCTURES SHALL BE PLACED IN IT UNLESS PROVISIONS ARE MADE FOR THE FLOW OF WATER IN A MANNER SATISFACTORY TO THE CITY ENGINEER.

DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE AND PROPER SOIL EROSION CONTROL MEASURES FOR PROTECTION OF ALL ADJACENT ROADS AND LANDS.

THE CONTRACTOR SHALL REPAIR OR REPLACE ANY OR ALL EXISTING SIGNS, SHRUBS, FENCES, OR OTHER PHYSICAL FEATURES DAMAGED DURING THE EXECUTION OF THIS CONTRACT AT THEIR OWN EXPENSE. ALL REPAIRS SHALL BE TO THE SATISFACTION OF THE CITY OF GAHANNA.

THE CONTRACTOR SHALL CONFINED ACTIVITIES TO THE PROJECT SITE, EXISTING RIGHT-OF-WAYS, TEMPORARY EASEMENTS AND PERMANENT EASEMENTS, AND SHALL NOT ENTER UPON OTHER PROPERTIES WITHOUT WRITTEN PERMISSION OF THE PROPERTY OWNER.

SHOULD WATER BE ENCOUNTERED, THE CONTRACTOR SHALL FURNISH AND OPERATE SUITABLE PUMPING EQUIPMENT OF SUCH CAPACITY ADEQUATE TO DEWATER THE TRENCH. THE TRENCH SHALL BE SUFFICIENTLY DEWATERED SO THAT THE PLACEMENT OF BEDDING AND LAYING AND JOINING OF THE PIPE IS MADE IN A TRENCH FREE OF STANDING WATER. THE CONTRACTOR SHALL CONVEY ALL TRENCH WATER TO A NATURAL DRAINAGE CHANNEL OR STORM SEWER WITHOUT CAUSING ANY PROPERTY DAMAGE. THE COST FOR DEWATERING ACTIVITIES SHALL BE INCLUDED IN PRICE BID FOR THE VARIOUS RELATED ITEMS.

THE CONTRACTOR IS ULTIMATELY RESPONSIBLE TO ENSURE CONSTRUCTION TO PLAN GRADE. THE CONTRACTOR SHALL ENSURE THERE IS A SURVEYOR'S LEVEL AND ROD ON THE PROJECT FOR USE IN PERFORMING GRADE CHECKS WHENEVER SEWER LINE STRUCTURES OR PIPES ARE BEING INSTALLED. THE CONTRACTOR SHALL MAKE THIS EQUIPMENT AVAILABLE FOR USE AND ASSIST THE CITY INSPECTOR IN PERFORMING GRADE CHECKS WHEN REQUESTED BY THE INSPECTOR. THE INSPECTOR WILL MAKE ALL REASONABLE ATTEMPTS TO CONFINE REQUESTS FOR ASSISTANCE IN PERFORMING GRADE CHECKS TO TIMES CONVENIENT TO THE CONTRACTOR. THESE CHECKS WILL BE PERFORMED TO ENSURE THAT CONSTRUCTION MATCHES PLAN GRADE, AND TO ENSURE THAT ALL EXISTING INVERTS ALONG WITH THE PROPOSED TOP OF CASTING ELEVATIONS ARE VERIFIED DURING CONSTRUCTION OF THE SEWER.

THE CONTRACTOR SHALL REFERENCE ALL IRON PINS OR MONUMENTS. IF ANY PINS OR MONUMENTS ARE DESTROYED OR DAMAGED BY THE CONTRACTOR, THEY SHALL BE ACCURATELY REPLACED BY A REGISTERED SURVEYOR IN THE STATE OF OHIO AT THE COMPLETION OF THE PROJECT.

VERTICAL CONTROL HAS BEEN ESTABLISHED FOR THE PROJECT AS SHOWN ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED SURVEYS TO COMPLETE THE PROJECT INCLUDING REESTABLISHMENT OF CONTROL POINTS, PROJECT LAYOUT AND STAKING OF EASEMENTS.

ALL CURB RAMPS AND SIDEWALKS SHALL BE CONSTRUCTED IN FULL COMPLIANCE WITH REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA) OF 1990, INCLUDING ALL SUPPLEMENTS IN ACCORDANCE WITH THE CITY OF COLUMBUS STANDARD DRAWING 2319, INCLUDING ALL SUPPLEMENTS AND/OR REPLACEMENTS, CURRENT ON THE DATE OF THE START OF PROJECT CONSTRUCTION. SIDEWALKS SHALL BE CONSTRUCTED WITH A 3/16" PER FOOT (1.56%) CROSS SLOPE.

NO NON-RUBBER TIED VEHICLES SHALL BE MOVED ON CITY STREETS, EXISTING PRIVATE ROADWAYS, OR PARKING LOTS UNLESS WRITTEN APPROVAL IS GRANTED BY THE APPROPRIATE CITY AUTHORITY OR PROPERTY OWNER. ANY DAMAGE MUST BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE CITY OF GAHANNA AT NO COST TO THE CITY OR PROPERTY OWNER.

THE CONTRACTOR SHALL MAKE HIS OWN PROVISIONS TO PROVIDE A SITE STAGING AREA AND JOB TRAILER (IF REQUIRED) FOR THE PROJECT IMPROVEMENTS.

ORANGE CONSTRUCTION FENCING SHALL BE PLACED AROUND THE EXISTING TREES TO BE SAVED AND REMAIN IN PLACE DURING THE DEVELOPMENT CONSTRUCTION. THE LOCATION AND LIMITS OF THE FENCING AND ANY CLEARING NECESSARY SHALL BE AS PER THE APPROVED PLANS.

INCONVENIENCE TO THE ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC SHALL BE KEPT TO AN ABSOLUTE MINIMUM. ALL WORK IS TO CONTINUE ON A UNIFORM BASIS AND ON SCHEDULE, PARTICULARLY THE RESTORATION AND CLEAN UP OF DISTURBED AREAS AFTER CONSTRUCTION.

THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT SOIL TRANSPORT DURING CONSTRUCTION ONTO PUBLIC ROADS. THE CONTRACTOR SHALL CLEAN AND SWEEP STREETS AS DIRECTED BY THE CITY. THE COST FOR STREET SWEEPING AND CLEANING IS TO BE INCLUDED IN THE PRICE BID UNDER VARIOUS ITEMS.

UTILITIES:

THE CONTRACTOR SHALL GIVE NOTICE TO THE OHIO UTILITIES PROTECTION SERVICE (PHONE 1-800-362-2764) AND TO THE OWNERS OF THE UTILITY FACILITIES SHOWN ON THE PLAN WHO ARE NOT MEMBERS OF A REGISTERED UTILITY PROTECTION SERVICE. THE ABOVE MENTIONED NOTICE SHALL BE GIVEN AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.

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 COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS RELATED ITEMS. THE CONTRACTOR SHALL EXPOSE ALL UTILITIES OR STRUCTURES PRIOR TO CONSTRUCTION TO VERIFY THE VERTICAL AND HORIZONTAL EFFECTS ON THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL GIVE NOTICE TO OUPS AND OTHER UTILITY OWNERS PER THE GENERAL NOTES.

WHERE POTENTIAL GRADE CONFLICTS MIGHT OCCUR WITH EXISTING UTILITIES, THE CONTRACTOR SHALL EXPOSE AND VERIFY THE DEPTH OF THE EXISTING UTILITY IN ADVANCE OF THE PROPOSED CONSTRUCTION.

THE IDENTITY AND LOCATIONS OF EXISTING UNDERGROUND UTILITIES IN THE CONSTRUCTION AREA HAVE BEEN SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS AS ACCURATELY AS PROVIDED BY THE UTILITY OWNER. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR DEPTHS OF UNDERGROUND FACILITIES SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS. IF DAMAGE IS CAUSED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF THE SAME AND FOR ANY RESULTING CONTINGENT DAMAGE.

THE FOLLOWING UTILITIES AND OWNERS ARE LOCATED WITHIN THE WORK LIMITS OF THIS PROJECT AND ARE REGISTERED MEMBERS OF THE UNDERGROUND UTILITY PROTECTION SERVICE:

WATER FACILITIES -
CITY OF GAHANNA WATER DIVISION
200 S. HAMILTON RD, GAHANNA, OH 43230
TE:(614) 342-4440 FAX:(614) 342-4100

SEWER FACILITIES -
CITY OF GAHANNA SEWER DIVISION
200 S. HAMILTON RD,GAHANNA, OH 43230
TE:(614) 342-4440 FAX:(614) 342-4100

JEFFERSON WATER & SEWER DISTRICT
6455 TAYLOR ROAD, BLACKLICK, OH 43004
TE:(614) 864-0740 (BOB STEWART)

ELECTRIC FACILITIES -
AMERICAN ELECTRIC POWER
850 TECH CENTER DR, GAHANNA, OH 43230
TE:(614) 883-6811 FAX:(614) 883-6868

GAS -
COLUMBIA GAS OF OHIO
200 CIVIC CENTER DR, COLUMBUS, OH 43215
TE:(614) 460-6000 FAX:(614) 460-4265

TELEPHONE -
AT&T
150 E. GAY ST, COLUMBUS, OH 43212
TE:(800) 660-1000 FAX:(614) 223-6296

WATER NOTES:

ALL WATER LINE MATERIALS AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE CURRENT RULES AND REGULATIONS OF THE CITY OF COLUMBUS, DIVISION OF WATER AND THE DIRECTION OF THE CITY OF GAHANNA.

WATER MAINS AND FIRE HYDRANT LEADS SHALL BE DUCTILE IRON PIPE, CLASS 53 (AWWA C151) WITH CEMENT MORTAR LINING AND SEAL COAT (AWWA C104) OR PVC, CLASS 150 MEETING AWWA C900. JOINTS SHALL BE RUBBER GASKET PUSH-ON MECHANICAL (AWWA C110).

FIRE HYDRANTS SHALL BE SUPPLIED AND INSTALLED IN ACCORDANCE AS SHOWN ON THE CITY OF COLUMBUS L-6409 AND L-6637 STANDARD CONSTRUCTION DRAWINGS. FIRE HYDRANTS SHALL BE MUELLER SUPER CENTURION 250 FIRE HYDRANT, AMERICAN DARLING 4-1/2 MK73 - 5, OR APPROVED EQUAL AND PAINTED GREY AND RED.

ALL WATER SERVICES SHALL BE INSTALLED IN ACCORDANCE AS SHOWN ON THE CITY OF COLUMBUS L-9901 STANDARD CONSTRUCTION DRAWING. STAINLESS STEEL SERVICE SADDLES SHALL BE PROVIDED FOR ALL WATER SERVICE TAPS.

ALL GATE VALVES SHALL BE RESILIENT SEAT TYPE MANUFACTURED TO MEET OR EXCEED TO REQUIREMENTS OF ANSI/AWWA C509 OR THE LATEST REVISION.

WATERLINES SHALL BE LAID WITH A MINIMUM OF 4'-5" OF COVER FROM THE FINISHED GRADE TO THE TOP OF THE WATER LINE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE HORIZONTAL AND VERTICAL DEFLECTIONS OR BENDS OF THE WATER LINES IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. DEFLECT WATER LINES TO PROVIDE A 1'-6" VERTICAL AND 10'-0" HORIZONTAL CLEARANCE WITH SEWERS.

ALL WATER MAINS SHALL BE TESTED UNDER A MINIMUM HYDROSTATIC TEST OF 150 PSI AND IN ACCORDANCE WITH AWWA S-600 AND CITY OF COLUMBUS CMS ITEM 801.12. NO PRESSURE TEST SHALL BE PERFORMED IF THE TEMPERATURE IS BELOW FREEZING.

THE CONTRACTOR SHALL SUBMIT TWO (2) COPIES OF THE PLANS, RESULTS OF THE PRESSURE TEST AND A LETTER REQUESTING CHLORINATION TO THE CITY OF GAHANNA. COST OF CHLORINATION SHALL BE INCLUDED IN THE PRICE BID FOR THE WATER LINE ITEMS.

NO PERSON SHALL INSTALL OR MAINTAIN A WATER SERVICE CONNECTION WHERE A BOOSTER PUMP HAS BEEN INSTALLED.

ALL MECHANICAL JOINTS ARE REQUIRED TO BE MEGALUGGED, CONCRETE BACKING IS STILL REQUIRED. ALL MECHANICAL PIPE DEFLECTIONS ARE REQUIRED TO BE MEGALUGGED, ALL-THREADED, CONCRETE BACKED, AND JOINT RESTRAINTS MAY BE REQUIRED BY THE ENGINEER. THE HYDRANT TEE IS TO BE ALL-THREADED TO THE MAINLINE VALVE FOR FUTURE EXPANSION. 1 FULL STICK OF PIPE (20') IS TO BE LAID BEFORE FOR THE PLUG.

ALL FITTINGS ARE TO BE GPS LOCATED PRIOR TO BACKFILL USING X, Y, AND Z COORDINATES.

ANY WATER USAGE FOR FILLING THE WATER MAIN AND CHLORINATION SHALL GO THROUGH A WATER METER. ANY UNMETERED WATER USE WILL BE CHARGED TO THE CONTRACTOR/DEVELOPER BASED ON FLOW RATE CALCULATIONS.

THE WATER LINE AND SEWER LINE TRENCH UNDER THE INFLUENCE OF PAVEMENT ARE TO BE COMPACTION TESTED.

INSTALL COPPERHEAD® OR EQUAL 12-GAUGE HIGH STRENGTH 452LB BREAK STRENGTH 30 MIL HDPE JACKET, COPPER-CLAD, STEEL REINFORCED TRACER WIRE ON ALL WATER MAIN AND SERVICE LINES INSTALLED BY TRENCHING METHODS.

INSTALL COPPERHEAD® OR EQUAL 12-GAUGE EXTRA HIGH STRENGTH 1150LB BREAK STRENGTH 45 MIL HDPE JACKET, COPPER-CLAD, STEEL REINFORCED TRACER WIRE ON ALL WATER MAIN AND SERVICE LINES INSTALLED BY BORING METHODS.

FASTEN WIRE TO PIPE IN TWO PLACES PER PIPE SECTION. EXTEND TRACER WIRE TO GROUND SURFACE AT ALL VALVES AND HYDRANTS. SPLICE WIRES USING BURNDY COPPER SPLIT BOLT KS-15. THOROUGHLY WRAP THE CONNECTOR AND BARE WIRES WITH 3M TEMFLEX 2155 RUBBER SPLICING TAPE, COVER ENTIRE CONNECTION WITH SCOTCH SUPER 88 HEAVY DUTY GRADE ELECTRICAL TAPE.

CONNECT ALL SERVICE LINE WIRES TO MAIN LINE WIRES USING BURNDY COPPER SPLIT BOLT KS-15. THOROUGHLY WRAP THE CONNECTOR AND BARE WIRES WITH 3M TEMFLEX 2155 RUBBER SPLICING TAPE, COVER ENTIRE CONNECTION WITH SCOTCH SUPER 88 HEAVY DUTY GRADE ELECTRICAL TAPE.

CONTRACTOR SHALL TEST THE CONTINUITY OF ALL WIRE USING A THIRD-PARTY TESTER. CONTRACTOR SHALL CONTACT THE CITY OF GAHANNA DEPARTMENT OF PUBLIC SERVICE AND ENGINEERING A MINIMUM OF 24 HOURS PRIOR TO TEST. TESTER SHALL SEND A SIGNED REPORT TO CITY OF GAHANNA AFFIRMING ALL WIRE HAS CONTINUITY. CONTRACTOR SHALL REPAIR ALL DEFICIENCIES.

SANITARY SEWER NOTES:

SERVICE RISERS, ITEM 914, SHALL BE INSTALLED WHERE DEPTHS FROM THE WYES TO THE EXISTING OR PROPOSED ELEVATIONS EXCEED 10'. THE TOPS OF RISERS SHALL BE NO MORE THAN ±9' BELOW THE EXISTING OR PROPOSED SURFACE ELEVATION, WHICHEVER IS HIGHER.

A MINIMUM VERTICAL CLEARANCE OF 1.5' SHALL BE PROVIDED BETWEEN THE PROPOSED SANITARY SERVICE AND EXISTING UTILITIES OR STRUCTURES UNLESS OTHERWISE NOTED ON THESE PLANS.

ALL PVC SEWER LINES SHALL BE DEFLECTION TESTED AFTER INSTALLATION IN CONFORMANCE WITH THE REQUIREMENTS OF ITEM 901 OF THE CITY OF COLUMBUS, CONSTRUCTION AND MATERIAL SPECIFICATIONS, CURRENT VERSION.

PIPE FOR ALL 6" SANITARY SERVICES SHALL BE PVC SEWER PIPE ASTM D-3034, SDR-35. THE SERVICES SHALL BE FIELD TESTED BY THE INFILTRATION, EXFILTRATION OR AIR TEST.

ALL PIPES SHALL BE LAID WITH TYPE 1 GRANULAR MATERIAL BEDDING AND BACKFILL AS SHOWN ON STANDARD CONSTRUCTION CITY OF COLUMBUS AA-S151. INSTALLATION SHALL CONFORM TO CMS SECTION 900.

STORM SEWER NOTES:

ANY PLACEMENT OF STORM SEWERS BENEATH EXISTING OR PROPOSED PAVEMENT SHALL BE BACKFILLED IN ACCORDANCE WITH COLUMBUS CMS ITEM 912, COMPACTED GRANULAR BACKFILL.

ALL PIPES SHALL BE LAID WITH TYPE 1 GRANULAR MATERIAL BEDDING AND BACKFILL AS SHOWN ON STANDARD CONSTRUCTION CITY OF COLUMBUS AA-S151. INSTALLATION SHALL CONFORM TO CMS SECTION 901.

ALL CONCRETE PIPE AND STORM SEWER STRUCTURES SHALL BE STAMPED OR HAVE SUCH IDENTIFICATION NOTING THAT SAID PIPE AND/OR STORM STRUCTURES HAVE BEEN INSPECTED BY THE CITY OF COLUMBUS AND MEETS THEIR SPECIFICATIONS. PIPE AND STRUCTURES WITHOUT PROPER IDENTIFICATION WILL NOT BE PERMITTED FOR INSTALLATION.

ALL CURB INLETS AND MANHOLES SHALL BE CHanneled AS DIRECTED. THE COST

FOR THIS WORK IS TO BE INCLUDED IN THE PRICE BID FOR VARIOUS STORM SEWER ITEMS.

IN CASE OF CONFLICT IN GRADE BETWEEN WATER LINES AND STORM SEWERS, THE WATER LINES SHALL BE LOWERED DURING CONSTRUCTION.

ALL PLASTIC SEWER LINES SHALL BE DEFLECTION TESTED AFTER INSTALLATION IN CONFORMANCE WITH THE REQUIREMENTS OF COLUMBUS CMS ITEM 901.

MAINTENANCE OF TRAFFIC:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND SAFE MOVEMENT OF PEDESTRIANS THROUGH, AROUND AND AWAY FROM THE CONSTRUCTION SITE AS DESIGNATED IN SECTION 60.01 OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD).

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 LIGHTS, SIGNS, BARRICADES AND OTHER WARNINGS TO PHYSICALLY SEPARATE THE PEDESTRIAN FROM HAZARDOUS INCIDENTAL TO THE CONSTRUCTION OPERATIONS SUCH AS OPEN EXCAVATIONS, ETC.

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 (OMUTCD) FOR CONSTRUCTION AND MAINTENANCE OPERATIONS. ALL DEVICES SHALL MEET FP-85 REFLECTANCE STANDARDS AND IN FULL COMPLIANCE WITH "QUALITY STANDARDS FOR WORK ZONE TRAFFIC CONTROL DEVICES" PUBLISHED BY ATTSSA. ALL TRAFFIC CONTROL DEVICES MUST MEET NCHRP 350.

STEADY BURNING, TYPE "C" LIGHTS SHALL BE REQUIRED ON ALL BARRICADES, DRUMS AND SIMILAR TRAFFIC CONTROL DEVICES IN USE AT NIGHT. ALL SIGNS, NINE SQUARE FEET (36" X 36") AND OVER SHALL HAVE YELLOW TYPE "A" LOW INTENSITY FLASHING WARNING LIGHTS AND THREE FLAGS. CONES ARE NOT APPROVED FOR USE AT NIGHT.

THE ROADWAY SHALL NOT BE OPENED TO TRAFFIC UNTIL PERMANENT TRAFFIC CONTROLS ARE IN PLACE OR UNTIL TEMPORARY TRAFFIC CONTROLS APPROVED BY THE INSPECTOR ARE INSTALLED. THE CONTRACTOR ASSUMES ALL LIABILITY FOR THE PREMATURITY REMOVAL OF TEMPORARY TRAFFIC CONTROLS.

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

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.

ALL TRENCHES WITHIN THE ROAD RIGHT-OF-WAY SHALL BE BACKFILLED OR SECURELY PLATED DURING NON-WORKING HOURS.

ALL LANES SHALL BE FULLY OPEN TO TRAFFIC ON ALL PUBLIC STREETS AND ALLEYS UNLESS OTHERWISE APPROVED BY THE CITY OF GAHANNA.

ANY WORK DONE BY THE CITY 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 THE NEGLIGENCE OF THE CONTRACTOR SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

VEHICULAR ACCESS TO ALL PARCELS ABUTTING THE PROJECT SHALL BE MAINTAINED AT ALL TIMES. IF A PARCEL HAS MORE THAN ONE DRIVEWAY, THEN AT LEAST ONE DRIVEWAY MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. WHERE A PARCEL IS SERVED BY ONLY ONE DRIVEWAY, THEN THE AFFECTED DRIVEWAY MUST BE CONSTRUCTED IN STAGES AND/OR SUPPLEMENTED WITH TEMPORARY PAVEMENT SO THAT ACCESS IS NOT DISRUPTED.

THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER AT LEAST 2 WEEKS PRIOR TO CLOSURE TO TRAFFIC AT 614-342-4055.

BEFORE WORK BEINGS, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER THE NAMES AND TELEPHONE NUMBERS OF THE PERSON OR PERSONS WHO CAN BE CONTACTED 24 HOURS PER DAY BY THE CITY ENGINEER AND ALL INTERESTED LAW ENFORCEMENT AGENCIES. THIS PERSON OR PERSONS SHALL BE RESPONSIBLE FOR REPLACING NECESSARY TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

NOTICE OF CLOSURE SIGNS, W20-H13-60 AS DIRECTED BY THE CITY, SHALL BE ERECTED BY THE CONTRACTOR AT LEAST ONE WEEK IN ADVANCE OF THE SCHEDULED ROAD CLOSURE AND SUBSEQUENT MOT PHASES. THE SIGNS SHALL BE ERECTED ON THE RIGHT HAND SIDE OF THE ROAD FACING TRAFFIC.

PLAN PREPARED BY:

PLAN PREPARED FOR:

CITY OF GAHANNA, FRANKLIN COUNTY, OHIO

Issue Dates:

Date: SEPTEMBER 14, 2021
Scale: AS NOTED

Drawn By: TLM
Checked By: MIM

Project Number:
18-0027-414

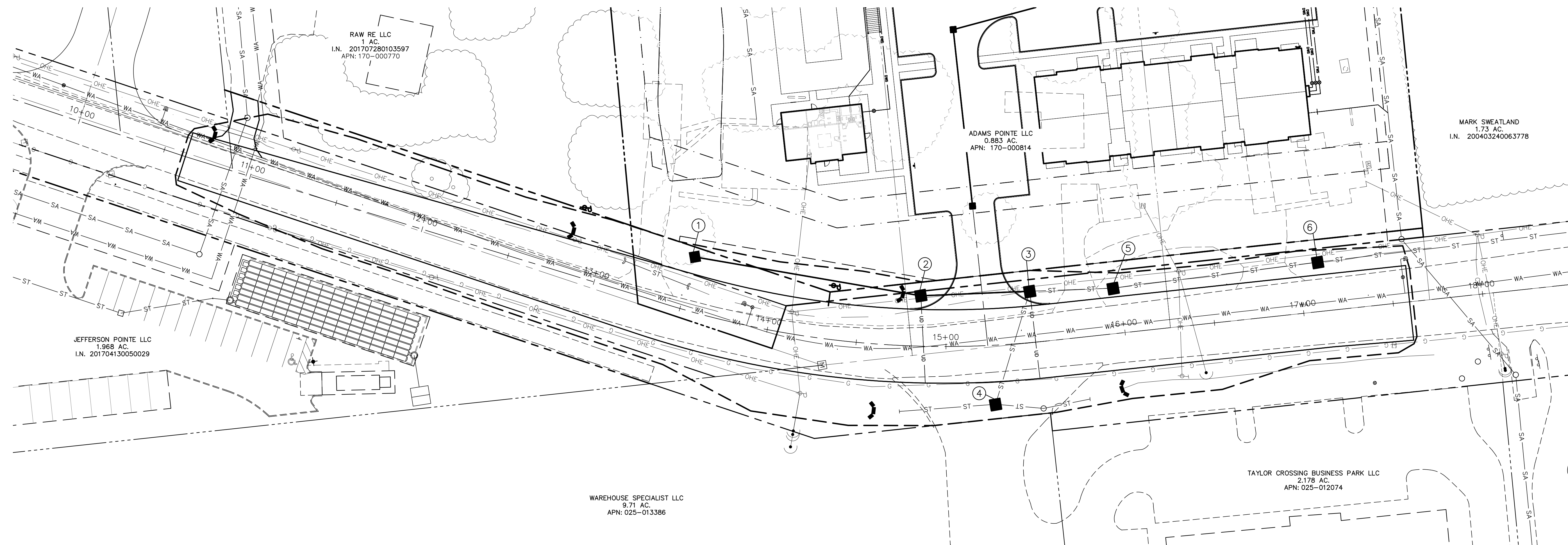
Drawing Number:
3 / 17

CITY OF GAHANNA,
ENGINEERING DIVISION
200 SOUTH HAMILTON
GAHANNA, OH 43230
TE: (614)342-4050

781 Science Blvd, Suite 100
Gahanna, Ohio 43230
PH 614.428.7790
FAX 614.428.7795
ADVANCED
CIVIL DESIGN
ENGINEERS SURVEYORS

ROADWAY IMPROVEMENTS
FOR
TAYLOR STATION ROAD
GENERAL NOTES

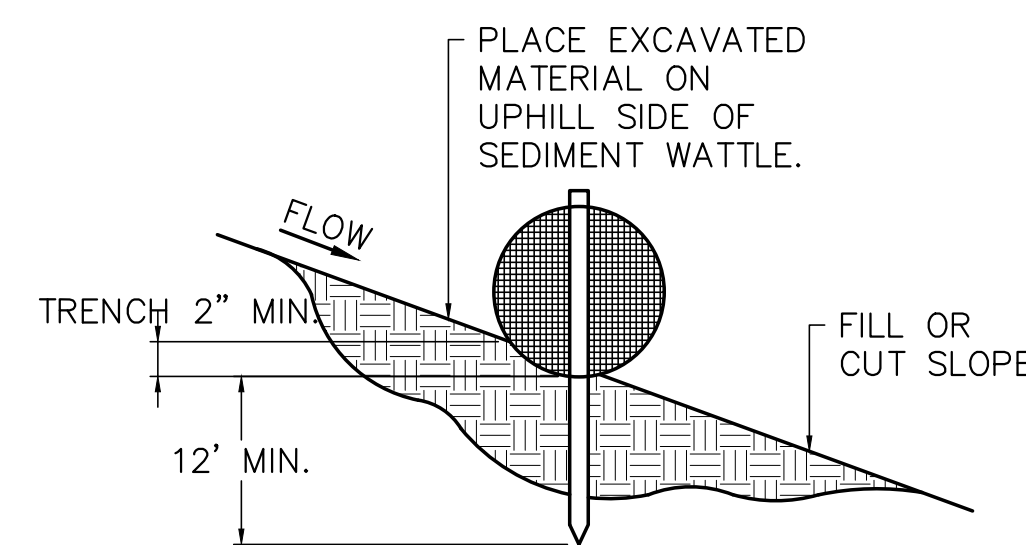
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GENERAL NOTES:

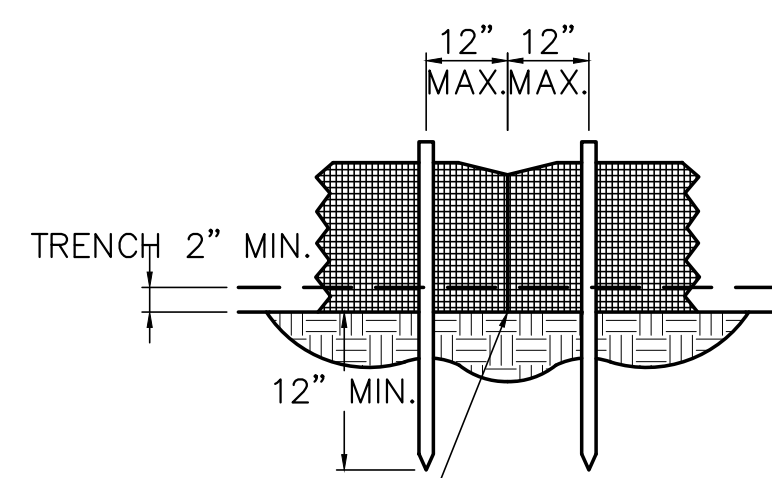
- REPAIR ALL RILLS OR GULLIES PRIOR TO INSTALLATION.
- INSTALL SEDIMENT WATTLES ALONG SLOPE CONTOURS. FOR ANY 20' SECTION OF SEDIMENT WATTLE, DO NOT ALLOW THE SEDIMENT WATTLE TO VARY MORE THAN 5% FROM LEVEL.
- STAKE SEDIMENT WATTLES IN PLACE WITH 1" x 1" OR 1"Ø WOOD STAKES. SPACE STAKES AT 4' O.C. MAX. STAKE SEDIMENT WATTLES AT EACH END.
- DRIVE STAKES INTO UNDISTURBED SOIL AT LEAST 12" DEEP. EXPOSE STAKES 2" ABOVE TOP OF WATTLE.
- FOR SEDIMENT WATTLES ON BARE SOIL, CONSTRUCT TRENCHES PARALLEL TO CONTOUR. PLACE SEDIMENT WATTLES IN CONTINUOUS CONTACT WITH TRENCH BOTTOM AND SIDES. TAMP SOIL BACKFILL AGAINST UPSTREAM SIDE OF WATTLE TO ENSURE STORM WATER IS FORCED TO FLOW THROUGH WATTLE RATHER THAN UNDER IT.
- SEDIMENT WATTLES MAY BE OVERLAPPED ACCORDING TO THE MANUFACTURERS RECOMMENDATIONS.

WATTLE SPACING TABLE	
SLOPE GRADIENT	12"Ø WATTLE MAX. SPACING (FT)
1V: 4H OR FLATTER	60
1V: 4H TO 1V: 3H	45
1V: 3H TO 1V: 2H	30
1V: 2H OR STEEPER	15

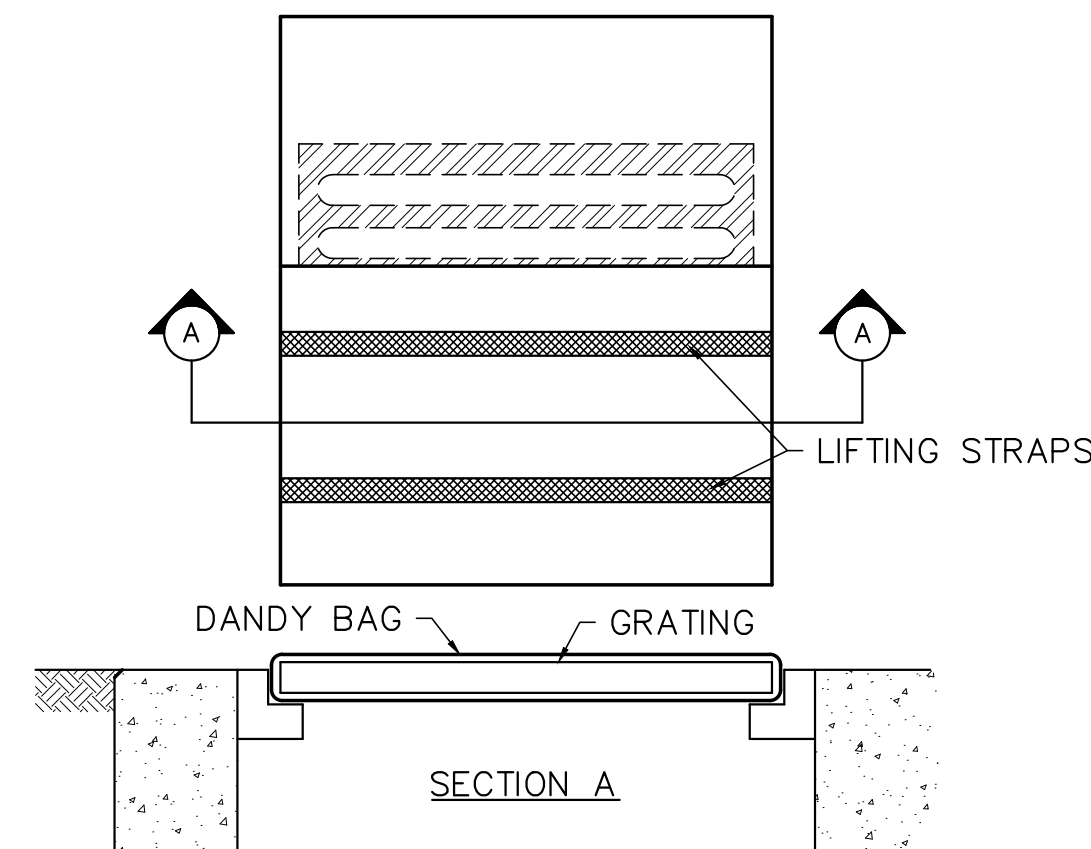


STAKE DETAIL

STRAW WATTLE DETAIL
NO SCALE



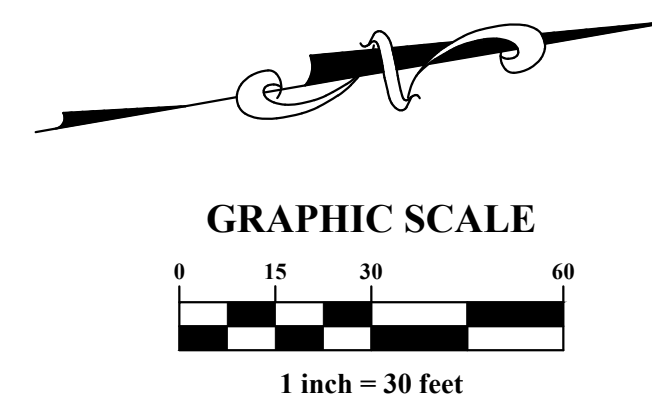
WATTLE JOINT DETAIL



INSTALLATION: STAND GRATE ON END. PLACE DANDY BAG OVER GRATE. ROLL GRATE OVER SO THAT OPEN END IS UP. PULL UP SLACK. TUCK FLAP IN. BE SURE END OF GRATE IS COMPLETELY COVERED BY FLAP OR DANDY BAG WILL NOT FIT PROPERLY. HOLDING HANDLES, CAREFULLY PLACE DANDY BAG WITH GRATE INSERTED INTO CATCH BASIN FRAME SO THAT RED DOT ON THE TOP OF THE DANDY BAG IS VISIBLE.

MAINTENANCE: WITH A STIFF BRISTLE BROOM OR SQUARE POINT SHOVEL REMOVE SILT & OTHER DEBRIS OFF SURFACE AFTER EACH EVENT.

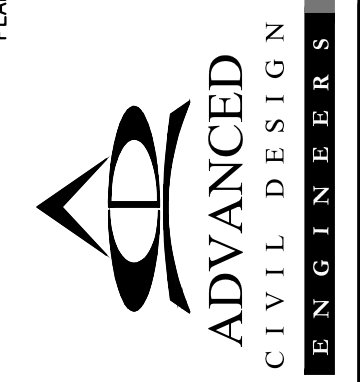
INLET PROTECTION DETAIL
NO SCALE



LEGEND

- WORK AREA
- INLET PROTECTION
- ① DRAINAGE STRUCTURE NUMBER
- ☞ STRAW BALE DITCH CHECKS

PLAN PREPARED BY:
781 Science Blvd, Suite 100
Gahanna, Ohio 43230
ph 614.428.7750
fax 614.428.7755
ENGINEERS SURVEYORS



PLAN PREPARED FOR:
**CITY OF GAHANNA,
ENGINEERING DIVISION
200 SOUTH HAMILTON
GAHANNA, OH 43230
TE: (614)342-4060**

CITY OF GAHANNA, FRANKLIN COUNTY, OHIO
**ROADWAY IMPROVEMENTS
FOR
TAYLOR STATION ROAD**

STORM WATER POLLUTION PREVENTION

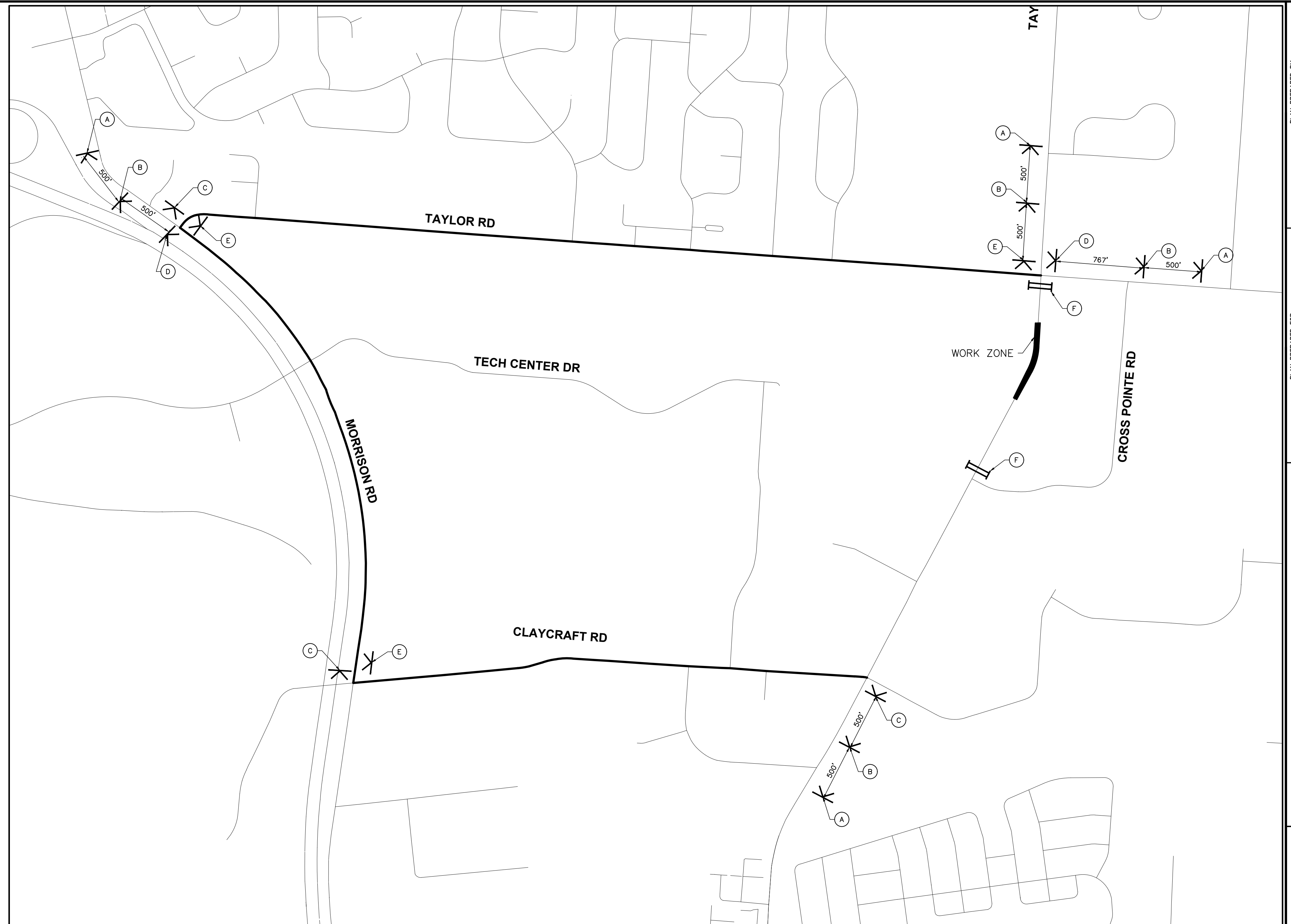
Issue Dates:
Date: SEPTEMBER 14, 2021
Scale: AS NOTED

Drawn By: TLM
Checked By: MIM

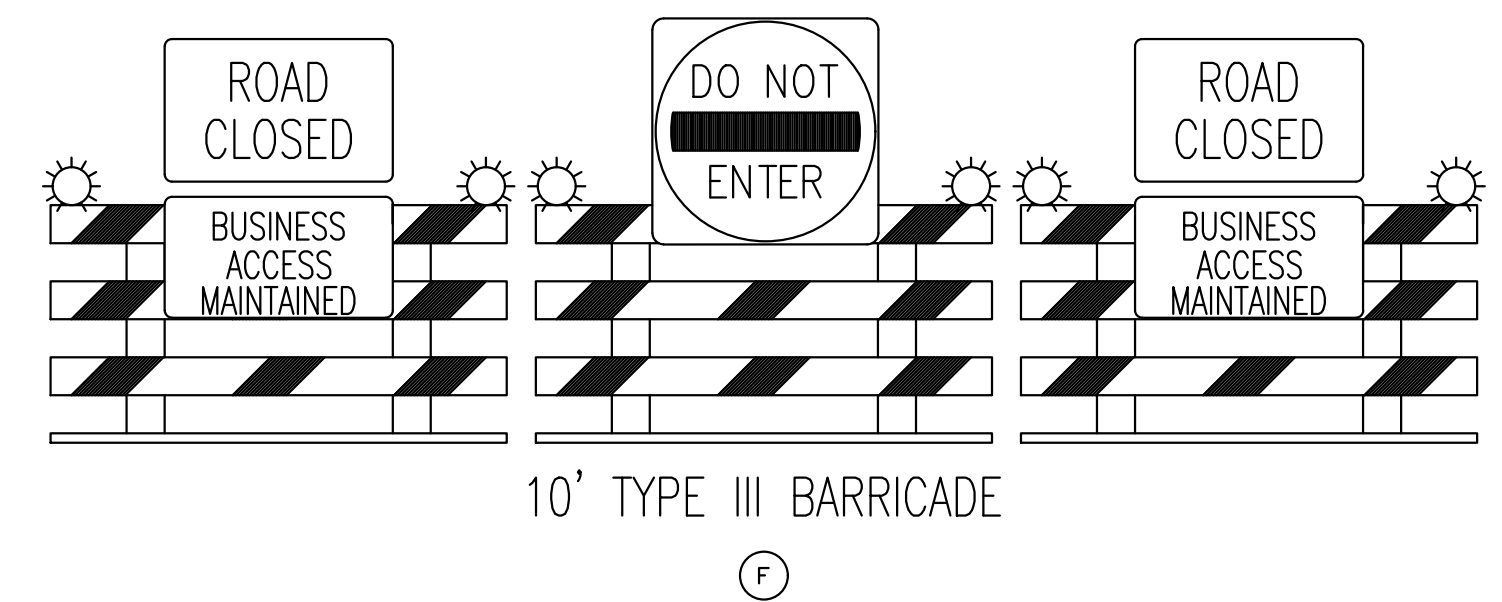
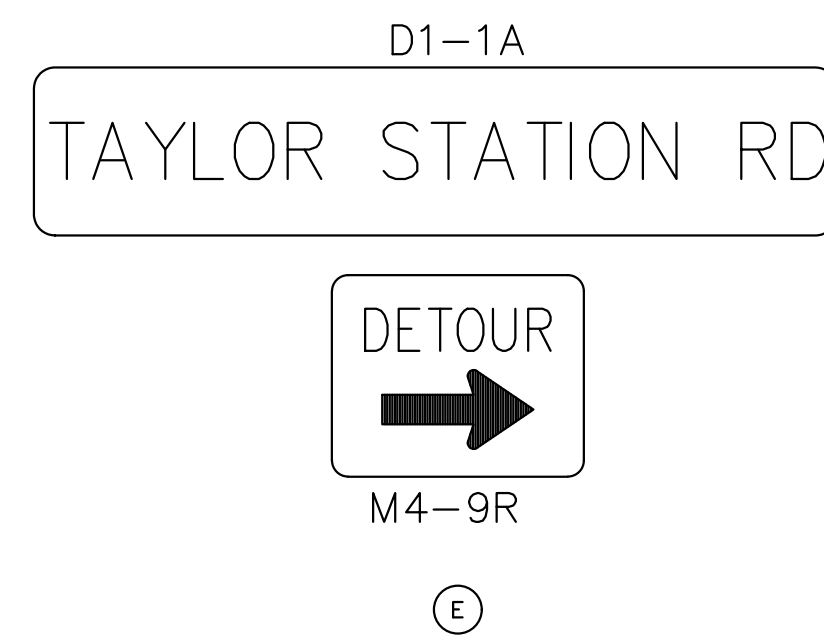
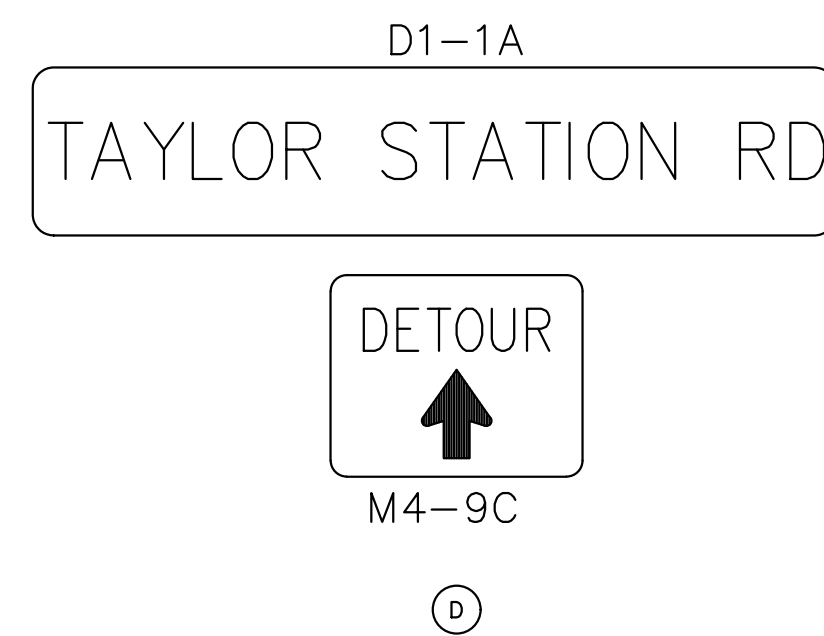
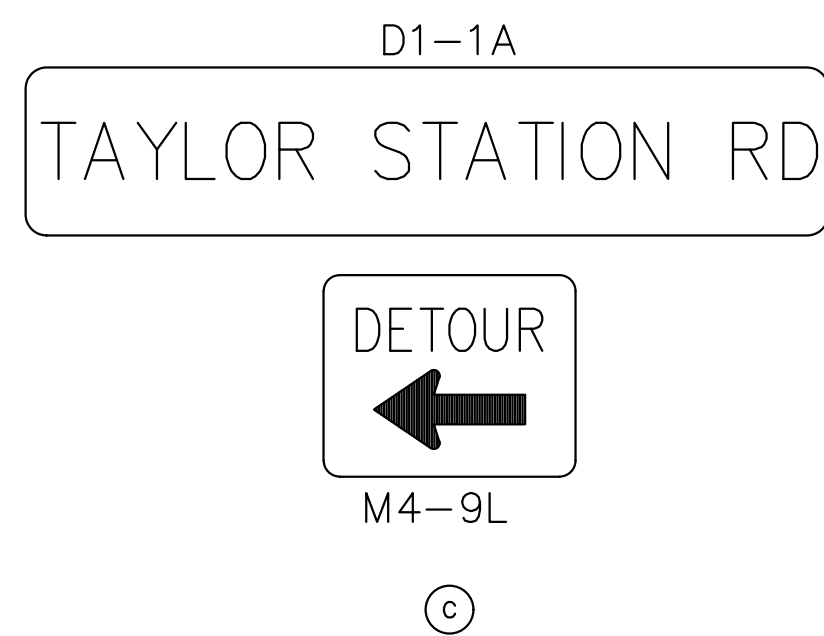
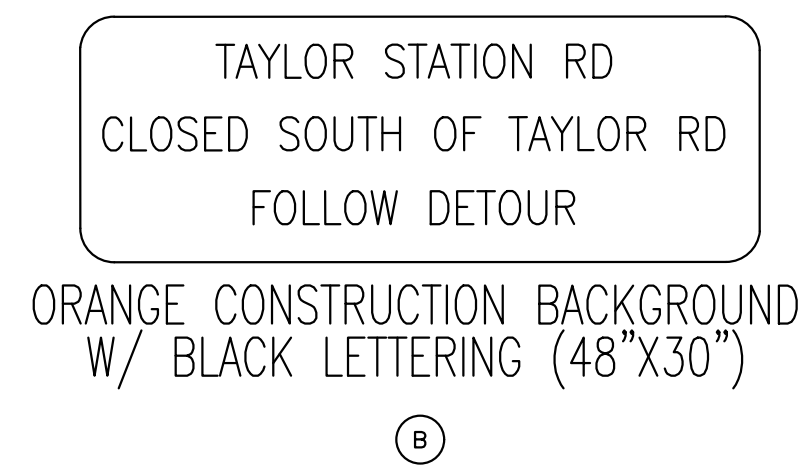
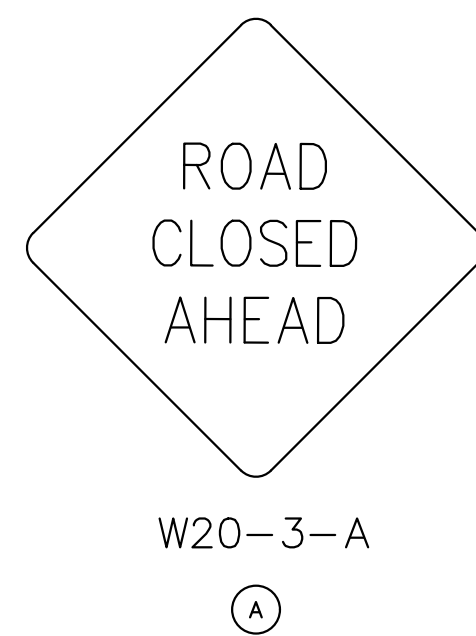
Project Number:
18-0027-414

Drawing Number:
5 / 17

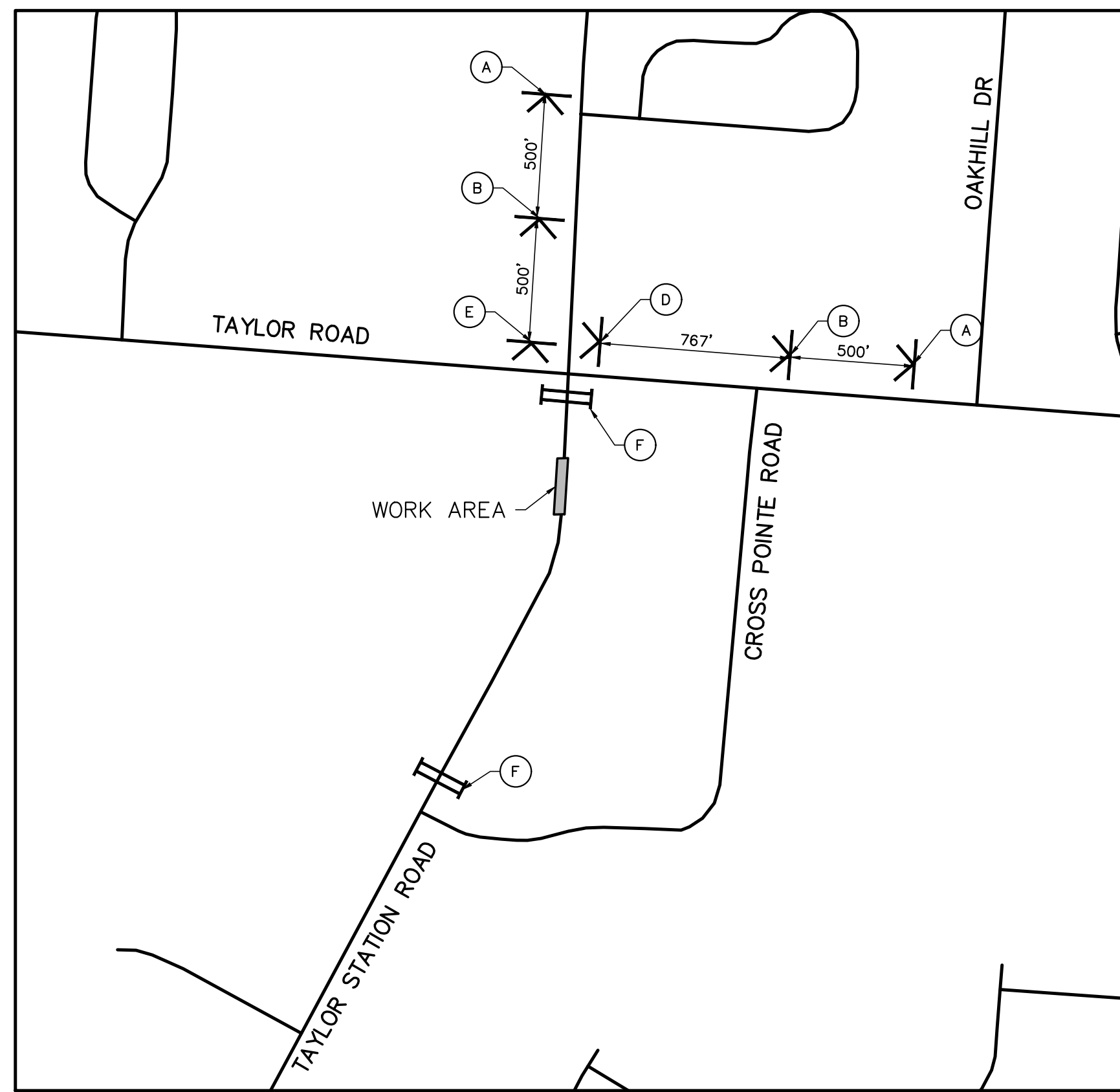
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DETOUR MAP



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PHASE 1

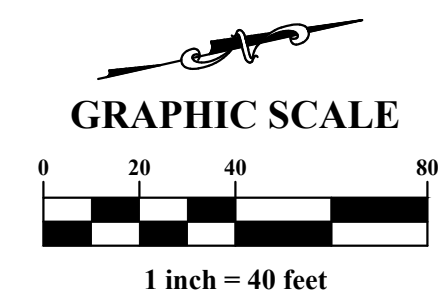
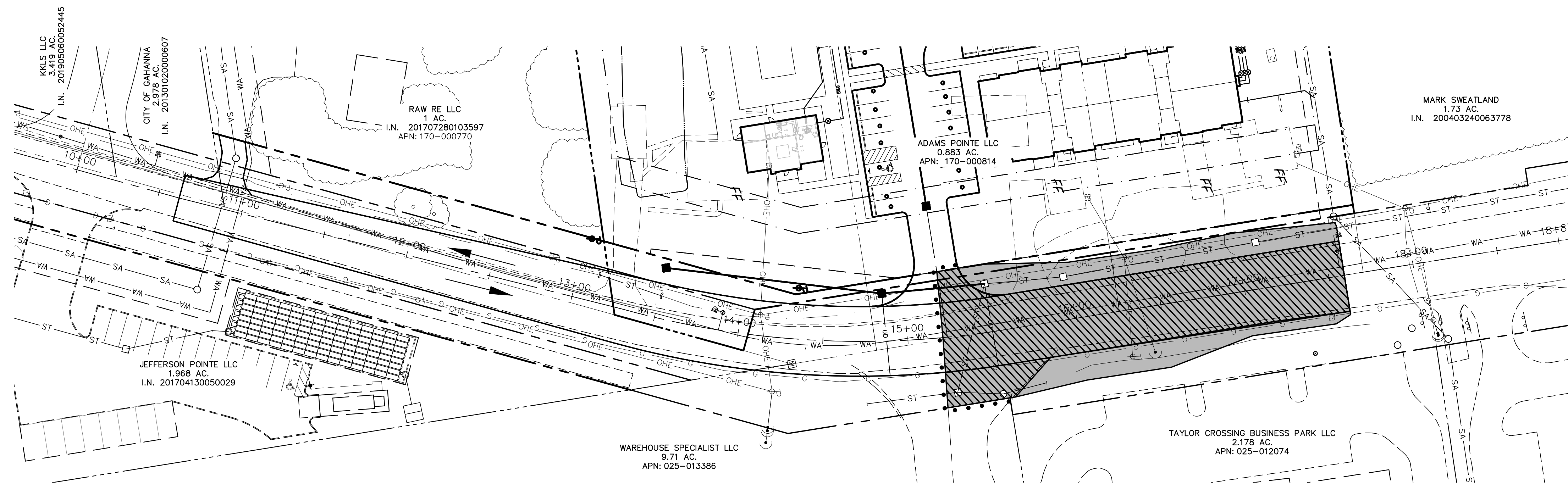
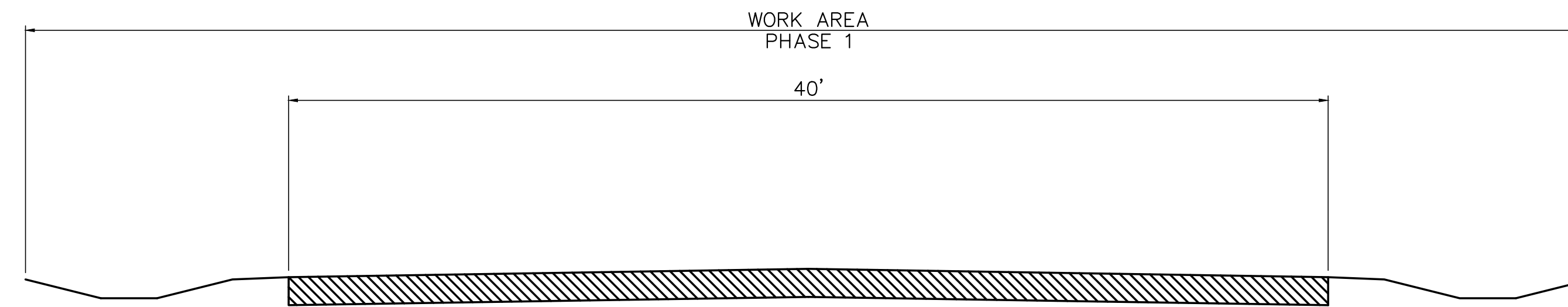
PHASE 1 SEQUENCE OF CONSTRUCTION

1. INSTALL MAINTENANCE OF TRAFFIC SIGNS & DETOUR SIGNS - MAINTAIN BUSINESS ACCESS ON TAYLOR STATION ROAD
2. CLOSE NORTHBOUND AND SOUTHBOUND LANES ON TAYLOR STATION ROAD NORTH OF THE C/L OF THE BUSINESS DRIVE
3. CONSTRUCT PROPOSED PAVEMENT & DITCHES AS SHOWN

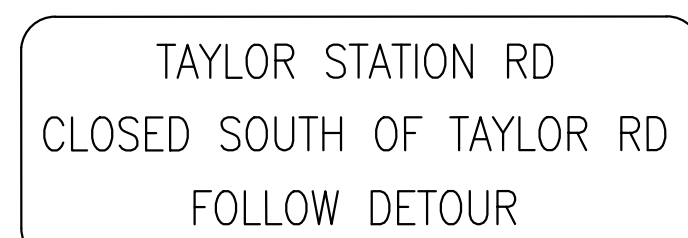
NOTES:
 A. CONTRACTOR SHALL PROVIDE DROP OFF TREATMENT PER ODOT SCD MT 101.90 CONDITION II DURING NON-WORKING HOURS.
 B. THE CLOSURE DURATION FOR ALL PHASES OF CONSTRUCTION IS 7.5 WEEKS.

LEGEND

- WORK AREA
- ROADWAY TO BE IMPROVED
- DRUMS
- TRAFFIC FLOW
- PR. TRAFFIC SIGN
- PR. TRAFFIC BARRICADE

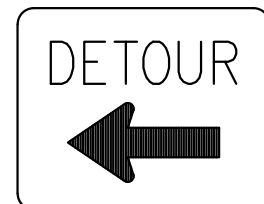


W20-3-A



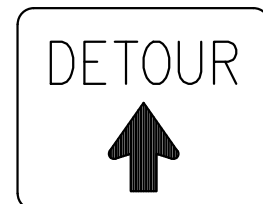
ORANGE CONSTRUCTION BACKGROUND W/ BLACK LETTERING (48"X30")

(B)



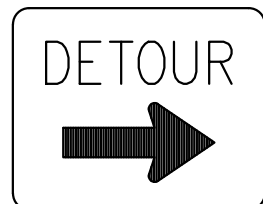
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(C)



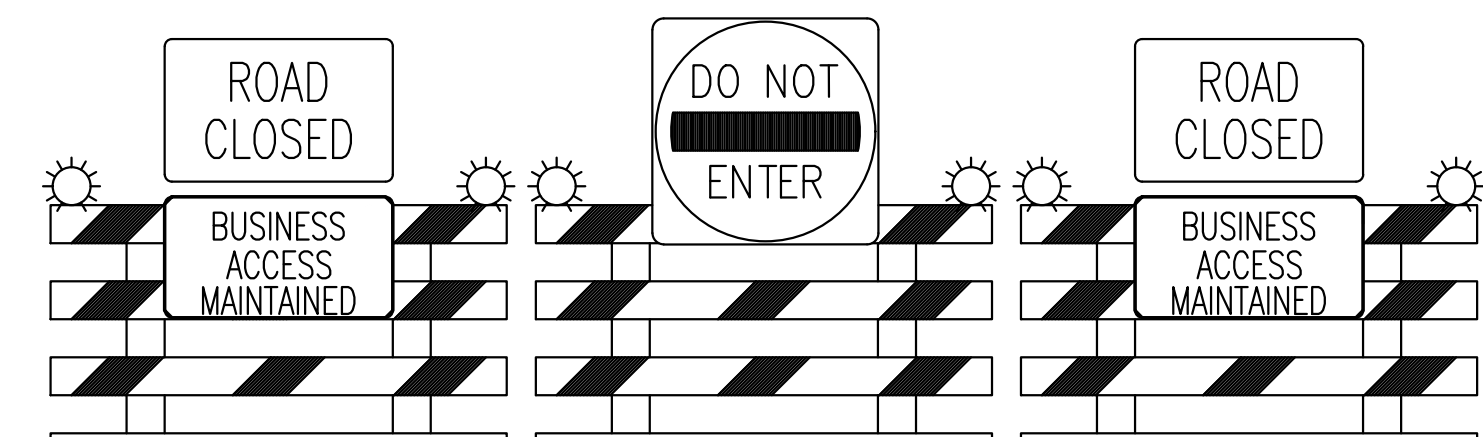
M4-9C

(D)



M4-9R

(E)



10' TYPE III BARRICADE

(F)

PLAN PREPARED BY:

ADVANCED CIVIL DESIGN
 ENGINEERS SURVEYORS
 422 Beecher Road
 Gahanna, Ohio 43230
 ph 614.428.7750
 fax 614.428.7755

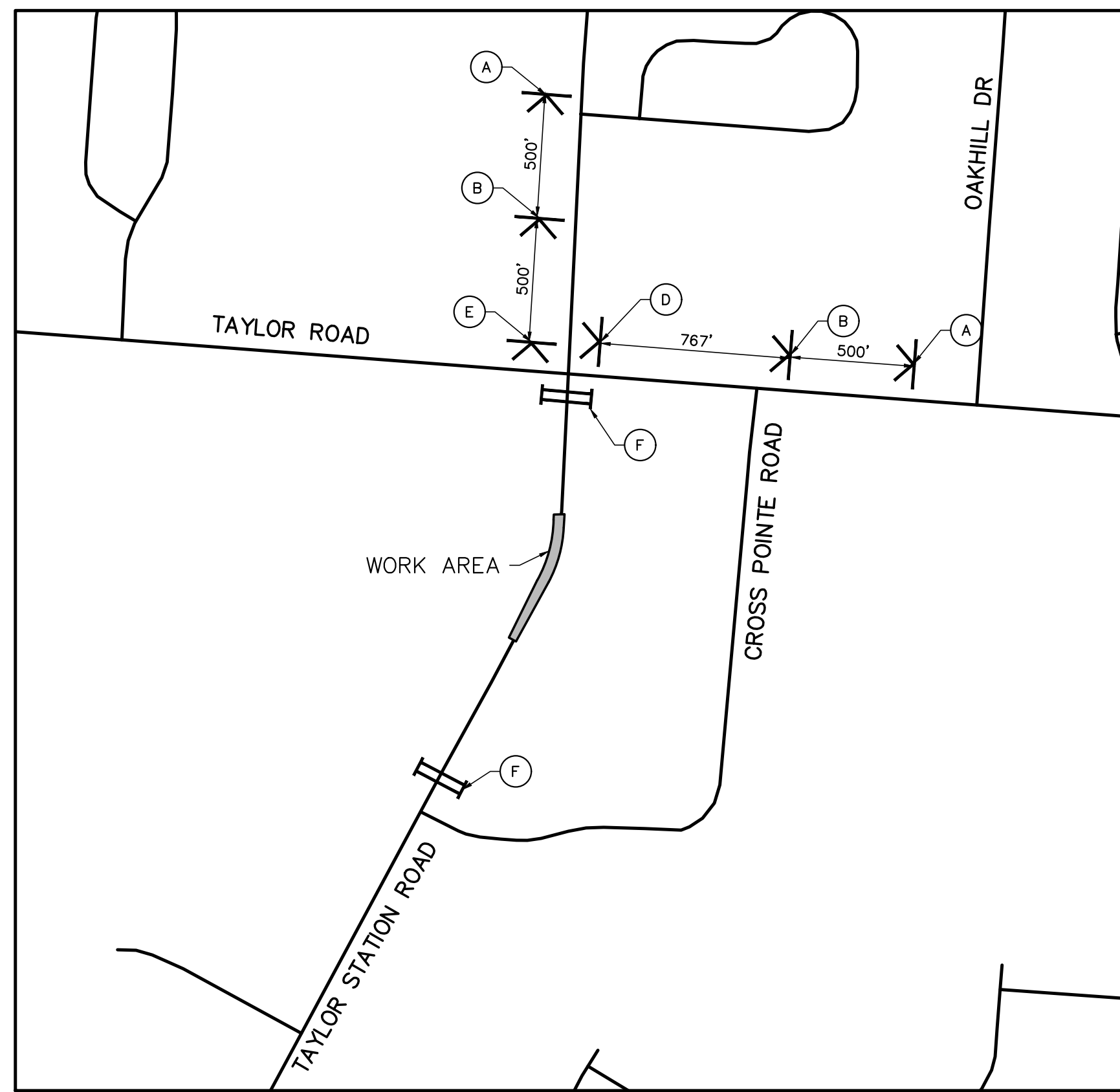
PLAN PREPARED FOR:
CITY OF GAHANNA, ENGINEERING DIVISION
 200 SOUTH HAMILTON
 GAHANNA, OH 43230
 TE: (614)342-4090

CITY OF GAHANNA, FRANKLIN COUNTY, OHIO
ROADWAY IMPROVEMENTS
 FOR
TAYLOR STATION ROAD
 PHASE 1
MAINTENANCE OF TRAFFIC

Issue Dates:
 MOT phase 1 & phase 2 swapped 9/15/21

Date: SEPTEMBER 7, 2021
 Scale: AS NOTED
 Drawn By: TLM
 Checked By: MIM
 Project Number:
 18-0027-414
 Drawing Number:
7/17

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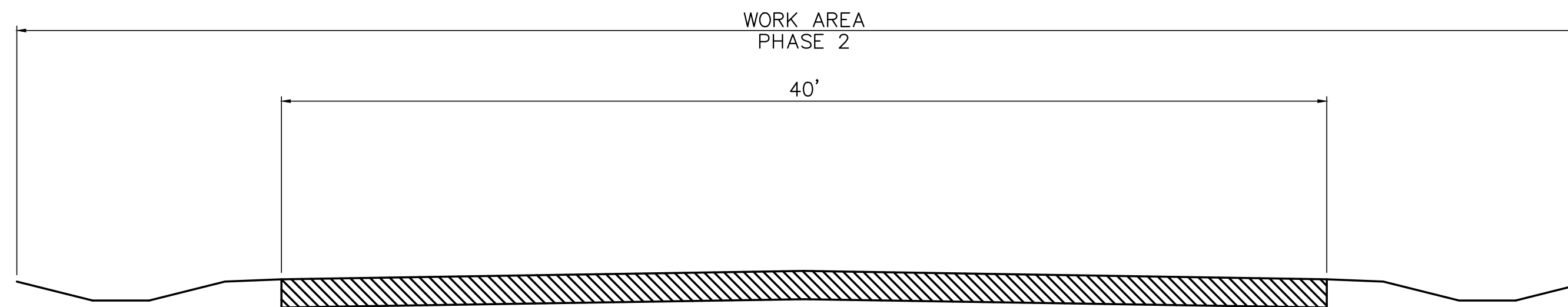


PHASE 2

PHASE 2 SEQUENCE OF CONSTRUCTION

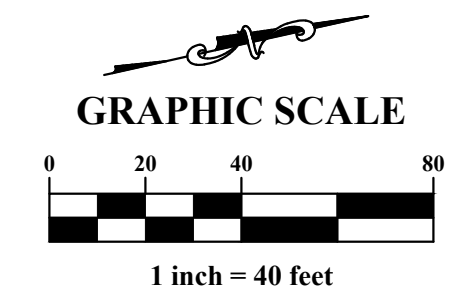
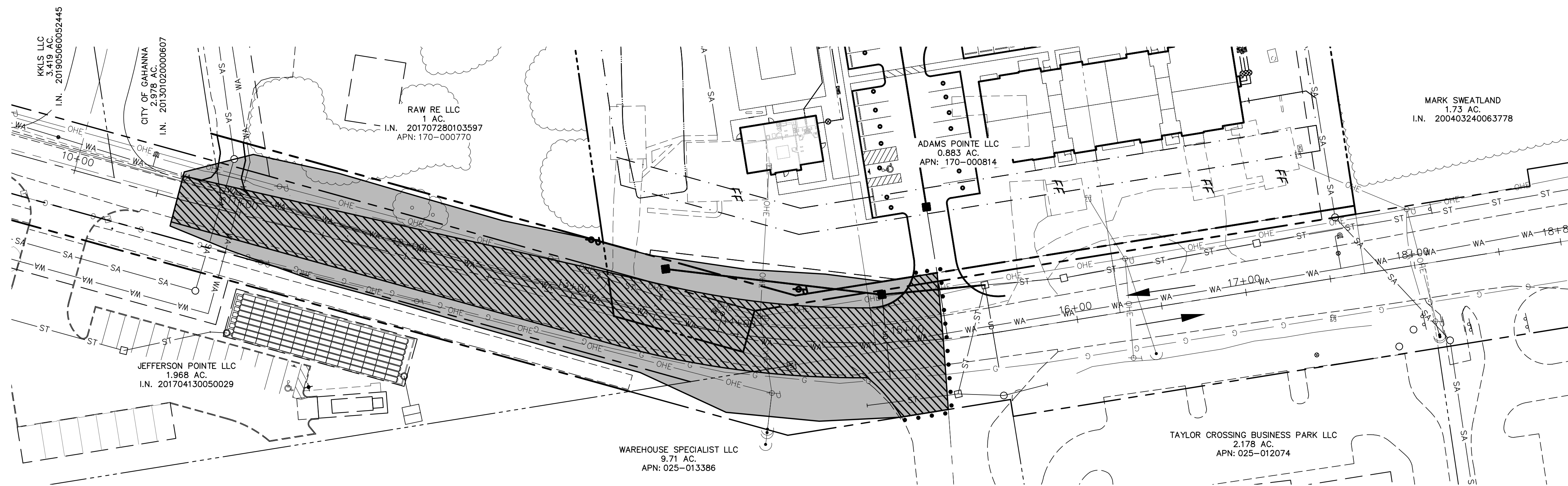
1. INSTALL MAINTENANCE OF TRAFFIC SIGNS & DETOUR SIGNS - MAINTAIN BUSINESS ACCESS ON TAYLOR STATION ROAD
2. CLOSE NORTHBOUND AND SOUTHBOUND LANES ON TAYLOR STATION ROAD SOUTH OF THE C/L OF THE BUSINESS DRIVE
3. CONSTRUCT PROPOSED PAVEMENT & DITCHES AS SHOWN

NOTES:
 A. CONTRACTOR SHALL PROVIDE DROP OFF TREATMENT PER ODOT SCD MT 101.90 CONDITION II DURING NON-WORKING HOURS.
 B. THE CLOSURE DURATION FOR ALL PHASES OF CONSTRUCTION IS 7.5 WEEKS.



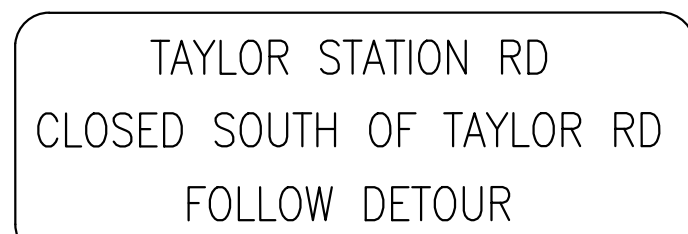
LEGEND

- WORK AREA
- ROADWAY TO BE IMPROVED
- DRUMS
- TRAFFIC FLOW
- PR. TRAFFIC SIGN
- PR. TRAFFIC BARRICADE



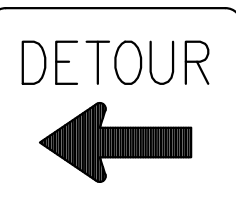
W20-3-A

(A)



ORANGE CONSTRUCTION BACKGROUND W/ BLACK LETTERING (48"X30")

(B)



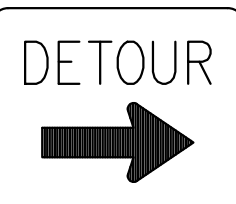
M4-9L

(C)



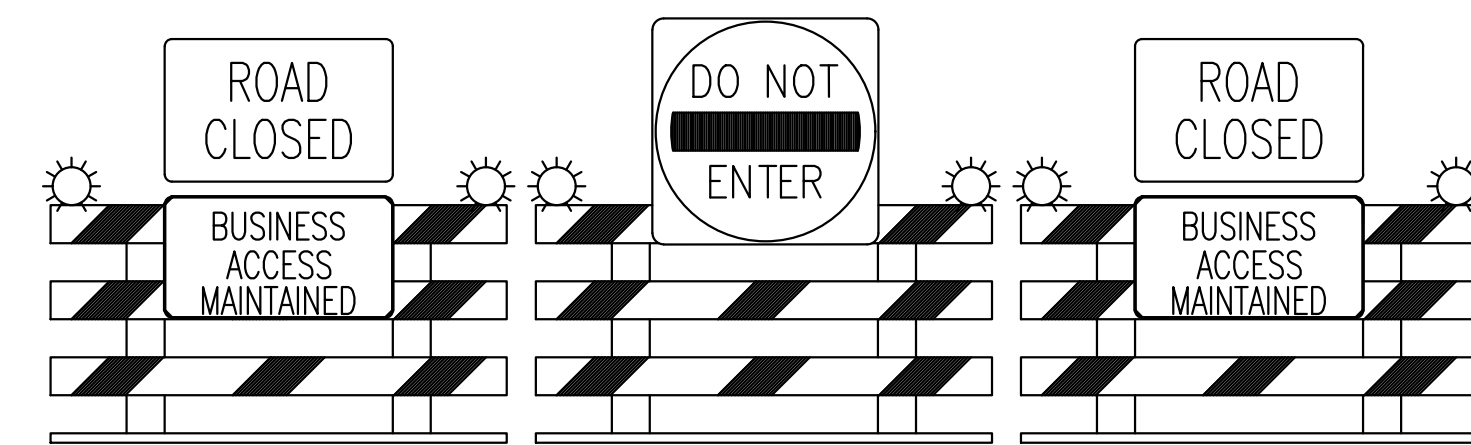
M4-9C

(D)



M4-9R

(E)



10' TYPE III BARRICADE

(F)

PLAN PREPARED BY:

422 Beecher Road
Gahanna, Ohio 43230
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fax 614.428.7755
ENGINEERS SURVEYORS

PLAN PREPARED FOR:

CITY OF GAHANNA,
ENGINEERING DIVISION
200 SOUTH HAMILTON
GAHANNA, OH 43230
TE: (614)342-4050

CITY OF GAHANNA, FRANKLIN COUNTY, OHIO
ROADWAY IMPROVEMENTS
FOR
TAYLOR STATION ROAD
PHASE 2
MAINTENANCE OF TRAFFIC

Issue Dates:
MOT phase 1 & phase 2 swapped 9/15/21

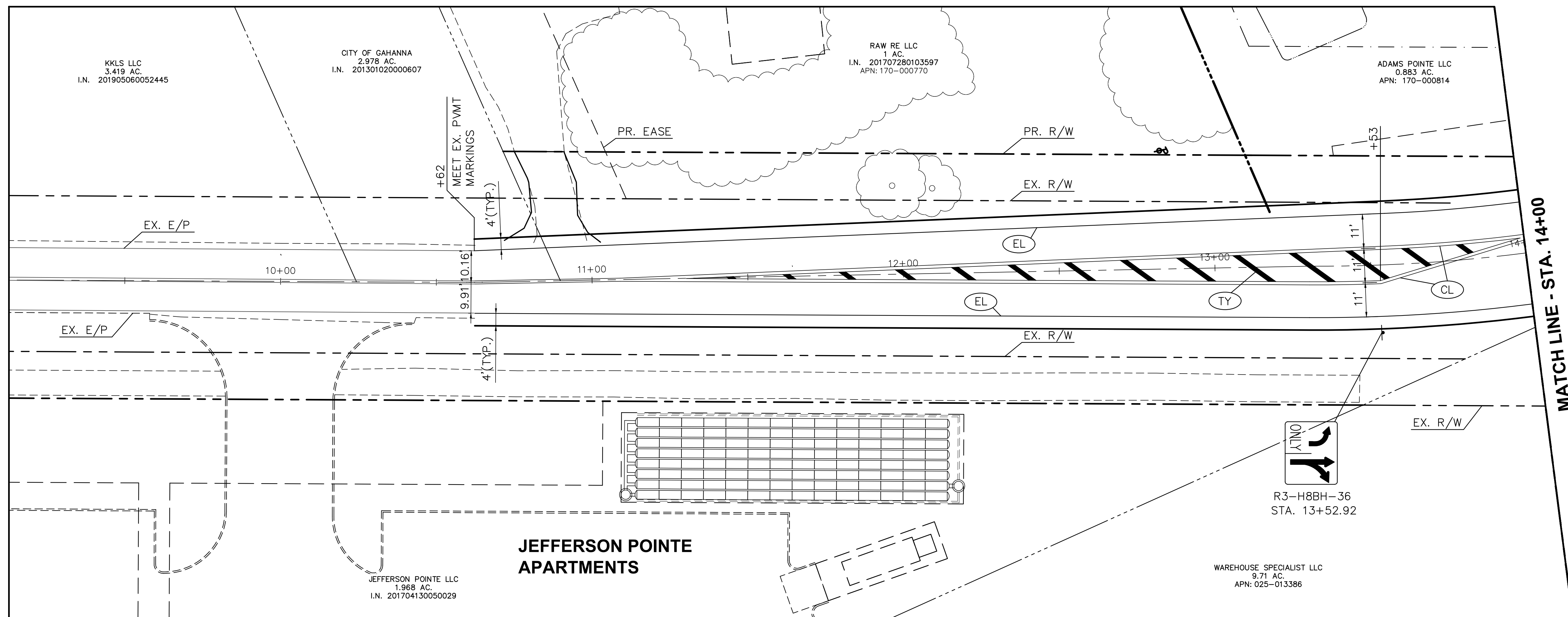
Date: SEPTEMBER 7, 2021
Scale: AS NOTED

Drawn By: TLM Checked By: MIM

Project Number:
18-0027-414

Drawing Number:
8 / 17

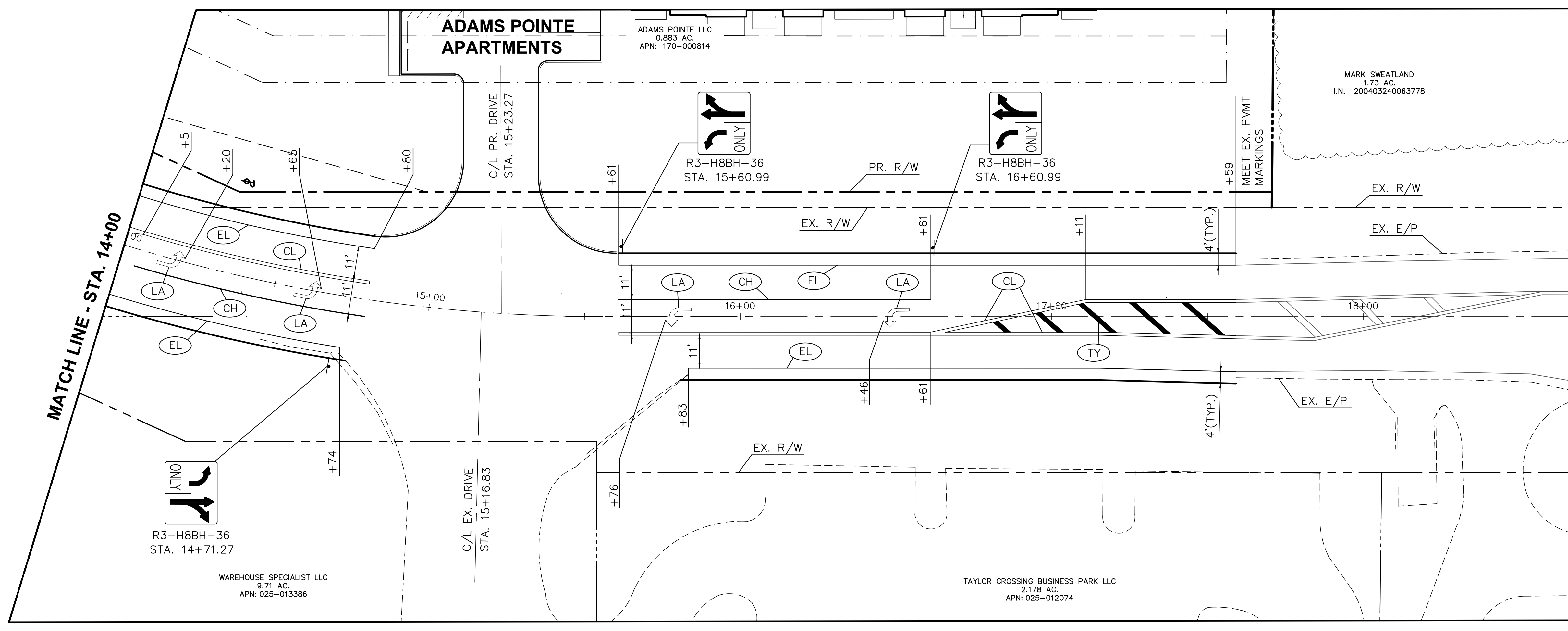
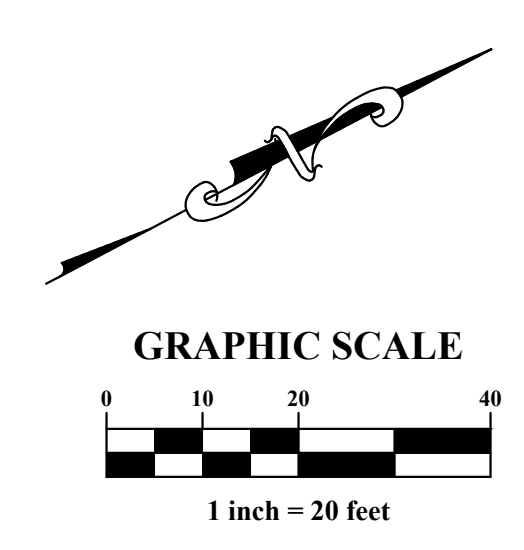
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- LEGEND**
- (CL) CENTER LINE, DOUBLE YELLOW
 - (TY) TRANSVERSE/DIAGONAL YELLOW LINE, 20"
 - (CH) CHANNELIZING LINE, 10" WHITE
 - (EL) EDGE LINE, WHITE
 - (LA) LANE ARROW, WHITE

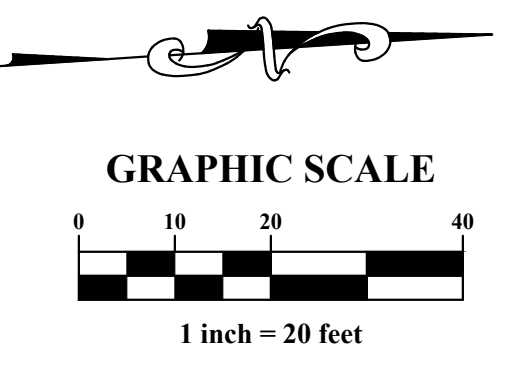
PLAN PREPARED BY:
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PLAN PREPARED FOR:
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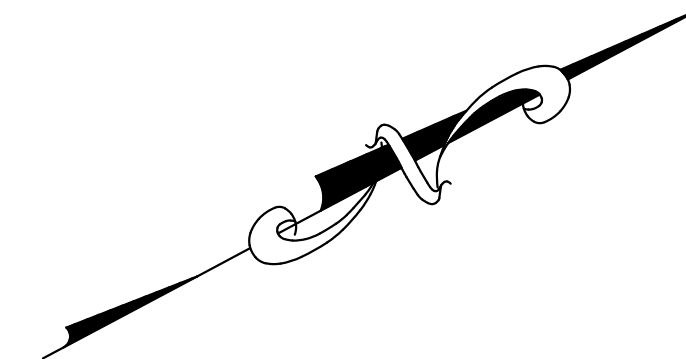
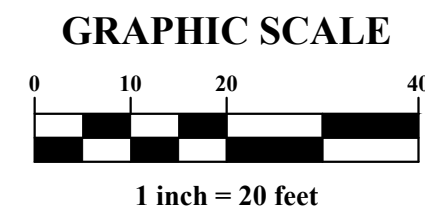
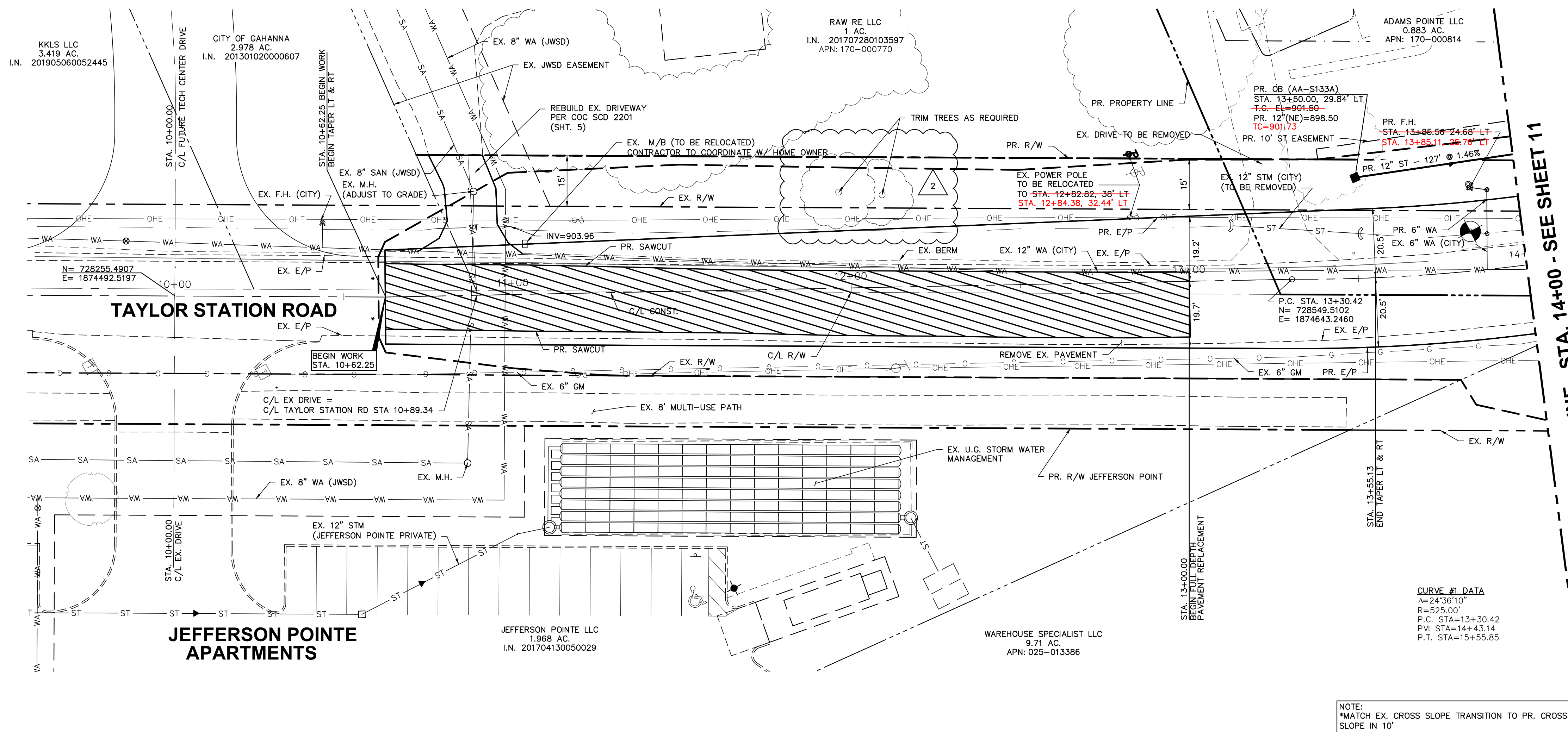


CITY OF GAHANNA, FRANKLIN COUNTY, OHIO
ROADWAY IMPROVEMENTS FOR TAYLOR STATION ROAD
SIGNING & PAVEMENT MARKINGS

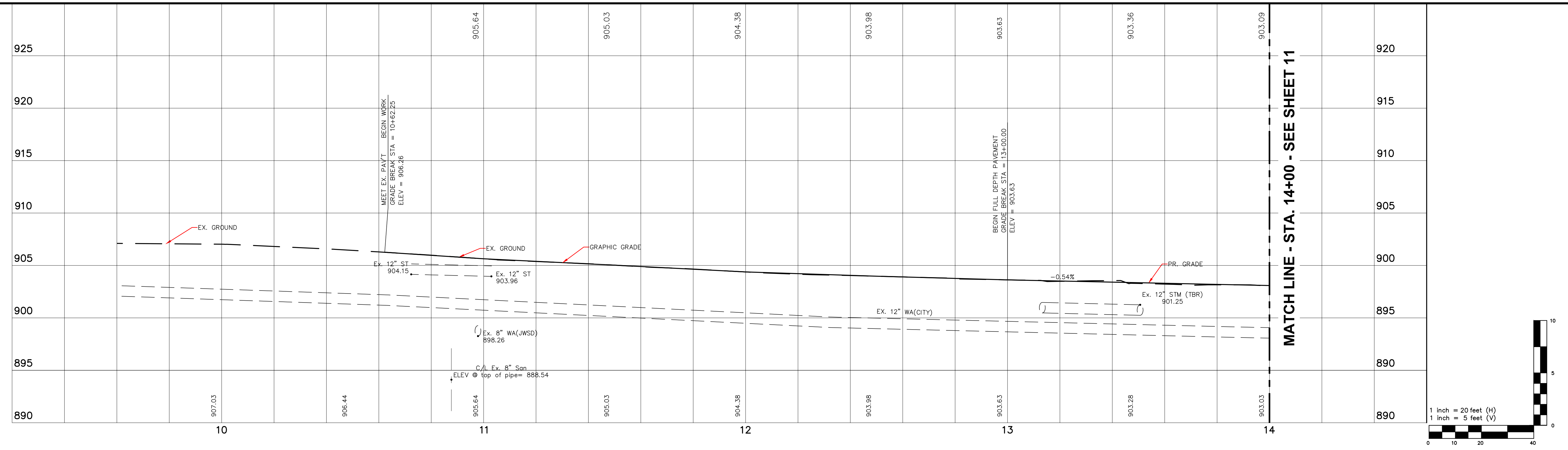
Issue Dates:	
Date:	SEPTEMBER 14, 2021
Scale:	AS NOTED
Drawn By:	TLM
Checked By:	MIM
Project Number:	18-0027-414
Drawing Number:	9 / 17



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MATCH LINE - STA. 14+00 - SEE SHEET 11



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PLAN PREPARED FOR:
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CITY OF GAHANNA, FRANKLIN COUNTY, OHIO
ROADWAY IMPROVEMENTS
FOR
TAYLOR STATION ROAD
STA. 10+00.00 TO STA. 14+00.00
PLAN & PROFILE

Issue Dates:
9/15/21
Note added - Trim trees as required

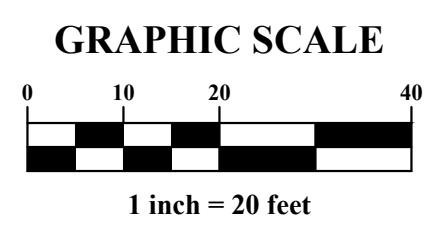
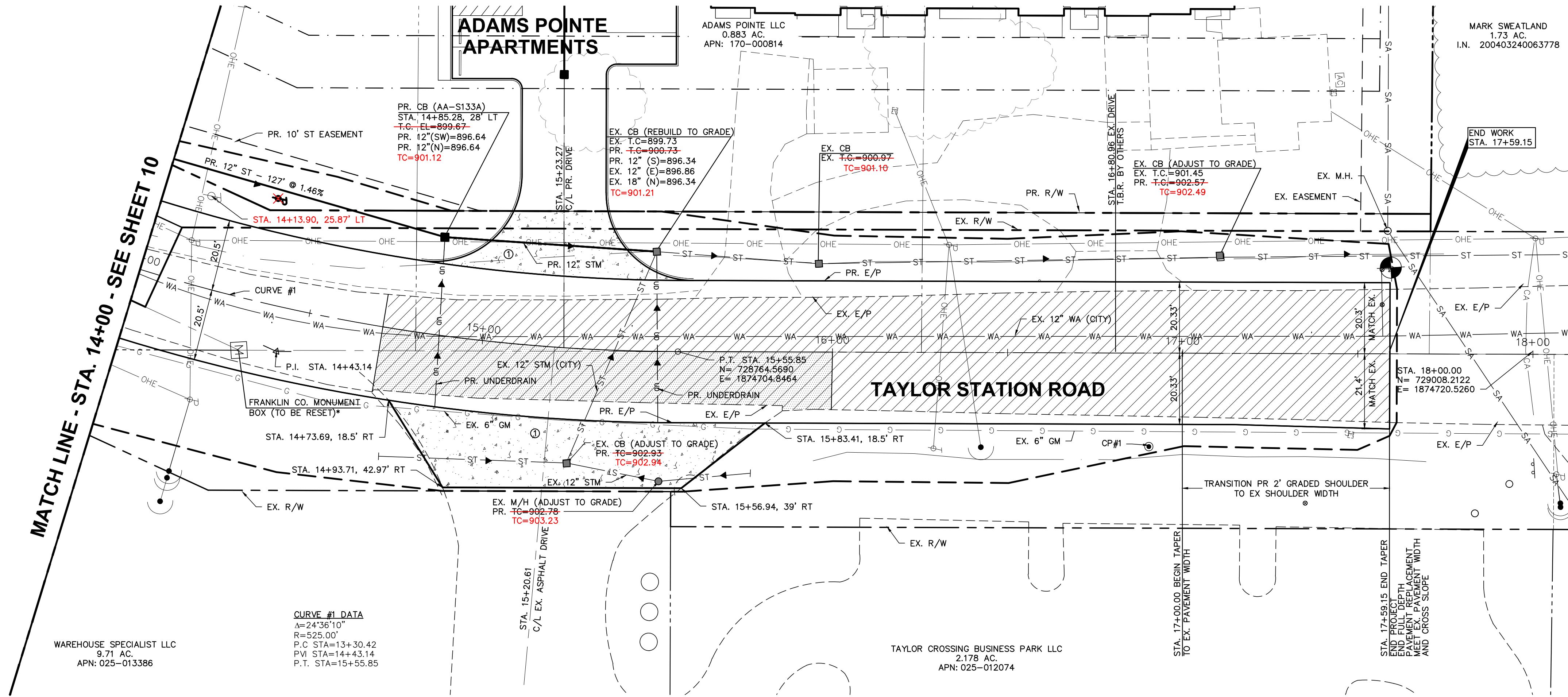
Date: SEPTEMBER 14, 2021
Scale: AS NOTED

Drawn By: TLM
Checked By: MIM

Project Number:
18-0027-414

Drawing Number:
10 / 17

Z:\18-0027-414\DWG\production drawings\STREET\0027-414 - Plan and Profiles.dwg P&P Mar 15, 2022 - 11:40:04am Tmm



UTILITY OWNERSHIP KEY

(CITY): UTILITY IS OWNED AND MAINTAINED BY THE CITY OF GAHANNA
 (JWSD): UTILITY IS OWNED AND MAINTAINED BY JEFFERSON WATER AND SEWER DISTRICT

LEGEND

DRIVEWAY RECONSTRUCTION PER COC SCD 2202
 WORK LIMITS

BENCHMARKS

BASED ON FRANKLIN COUNTY MONUMENTS (NAVD 1988 DATUM).
 SOURCE - FRANKLIN COUNTY BENCHMARK NA-14.
 ALUMINUM DISK IN THE SOUTH END OF A HEADWALL AT THE NORTHWEST CORNER OF TAYLOR ROAD AND JACKSON HOLE DRIVE, 62 FEET NORTH OF THE CENTERLINE OF TAYLOR ROAD AND 52 FEET WEST OF THE CENTERLINE OF JACKSON HOLE DRIVE.
 SITE BM 1 - TOP OF ARROW BOLT OF HYDRANT ON WEST SIDE OF TAYLOR ROAD.
 ELEVATION = 905.60

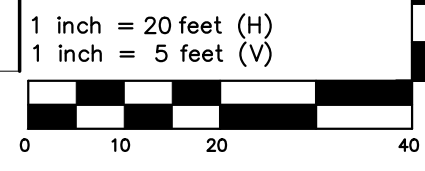
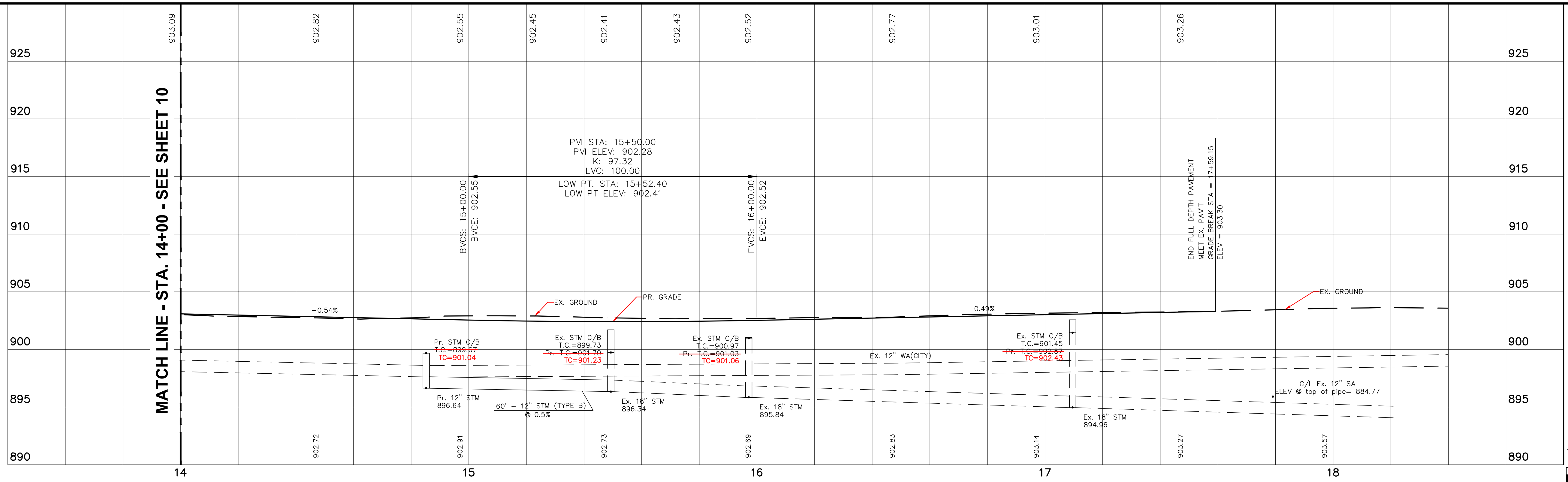
HORIZONTAL CONTROL POINTS (CP)

BASED ON NAD83 (NSRS 2007) OHIO STATE PLANE COORDINATE SYSTEM, SOUTH ZONE.
 SOURCE - STATE PLANE COORDINATES WERE ESTABLISHED USING 45 MINUTE STATIC OBSERVATIONS UTILIZING GLOBAL POSITIONING SYSTEM (GPS) PROCEDURES. THE GPS DATA WAS SUBMITTED TO THE NATIONAL GEODETIC SURVEY'S (NGS) ONLINE POSITIONING USER SERVICE (RPPUS-RS) SYSTEM FOR PROCESSING. THE SYSTEM USES THE CONTINUALLY OPERATING REFERENCE STATIONS (CORS) TO ESTABLISH THE GEODETIC LOCATIONS.
 CP 1 - CAPPED IRON PIN LOCATED ALONG THE EASTERN SIDE OF TAYLOR RD.
 NORTHING = 728897.1350
 EASTING = 1874740.1450

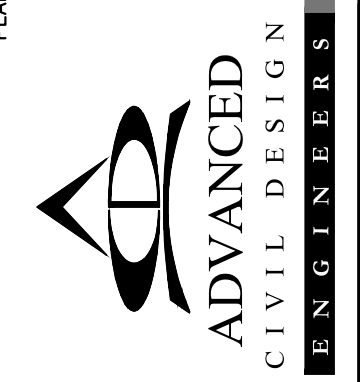
LEGEND

APPROXIMATE LIMITS OF 24" THICK AGGREGATE MAT UNDER 11" EX. ASPHALT CONCRETE
 CONTRACTOR SHALL REMOVE EX. ASPHALT PAVEMENT AND AGGREGATE MAT TO THE PROP. SUB-GRADE. CONTRACTOR SHALL VERIFY A MINIMUM OF 6" OF AGGREGATE MAT REMAINS BELOW THE PROP. SUB-GRADE ELEVATION. IF LESS THAN 6" REMAINS THE CONTRACTOR SHALL REMOVE THE REMAINING AGGREGATE, EXCAVATE TO 6" BELOW SUB-GRADE AND REPLACE WITH COMPACTED 304 BACK TO SUB-GRADE ELEVATIONS

NOTE:
 ① - SEE SHEET 12 FOR DRIVEWAY DETAILS
 *CONTRACTOR TO CONTACT FRANKLIN CO. ENGINEER'S OFFICE TO COORDINATE RELOCATION OR RESETTING



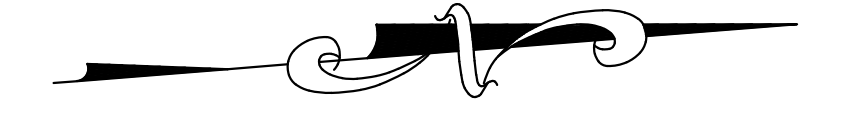
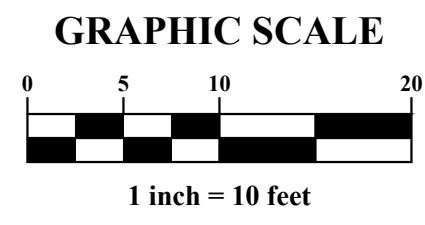
PLAN PREPARED BY:
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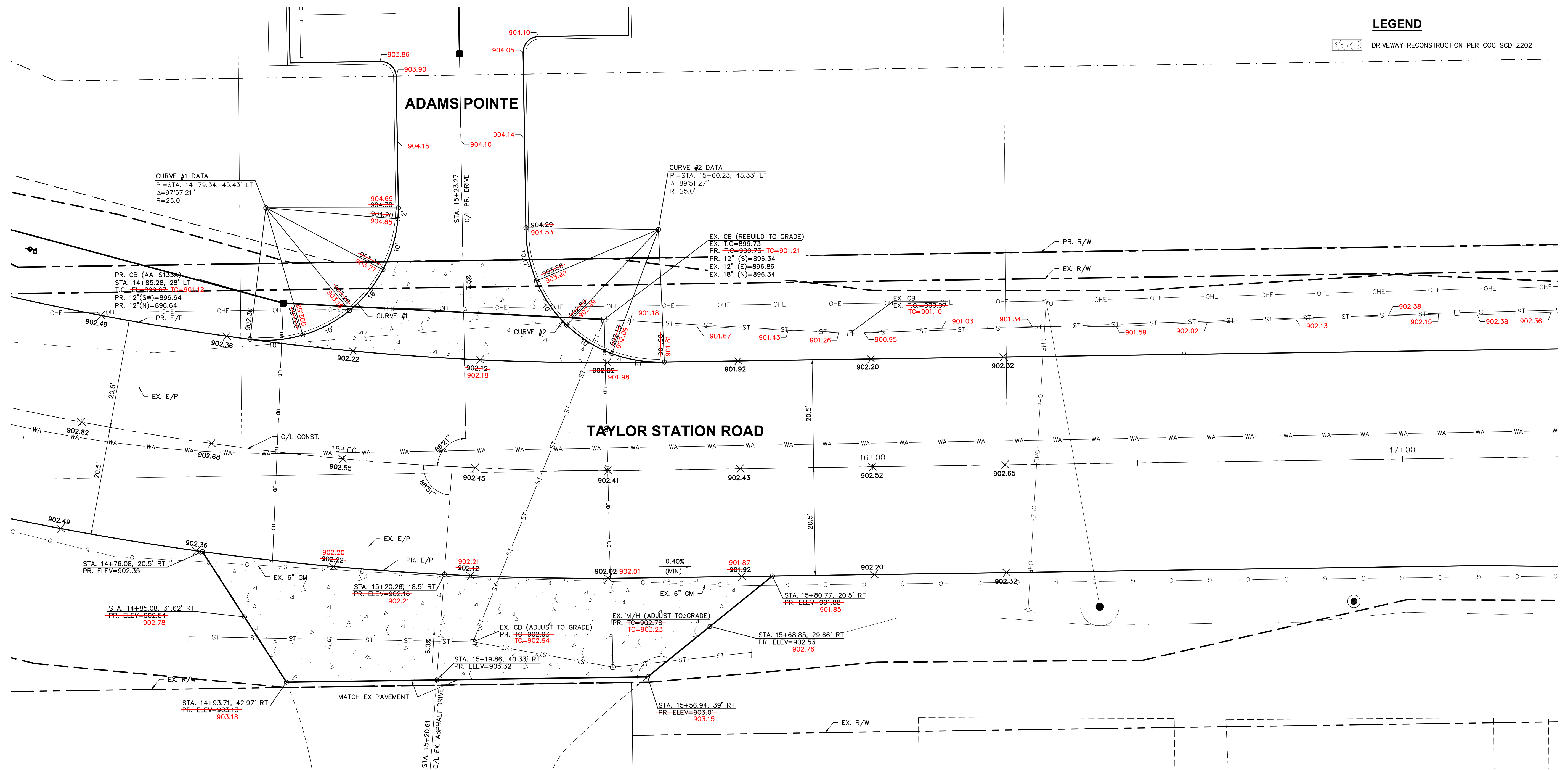
PLAN PREPARED FOR:
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CITY OF GAHANNA, FRANKLIN COUNTY, OHIO
ROADWAY IMPROVEMENTS
 FOR
TAYLOR STATION ROAD
 STA. 14+00.00 TO STA. 18+00.00
PLAN & PROFILE

Issue Dates:	
Date:	SEPTEMBER 14, 2021
Scale:	AS NOTED
Drawn By:	TLM
Checked By:	MIM
Project Number:	18-0027-414
Drawing Number:	11 / 17

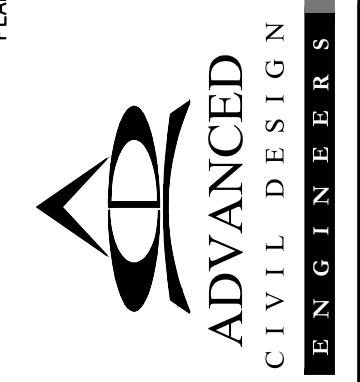


LEGEND
 DRIVEWAY RECONSTRUCTION PER COC SCD 2202



Z:\18-0027-414\Drawings\Production Drawings\18-0027-414 - Plan and Profile.dwg Intersection Detail Mar 15, 2022 - 11:40:09am Tmann

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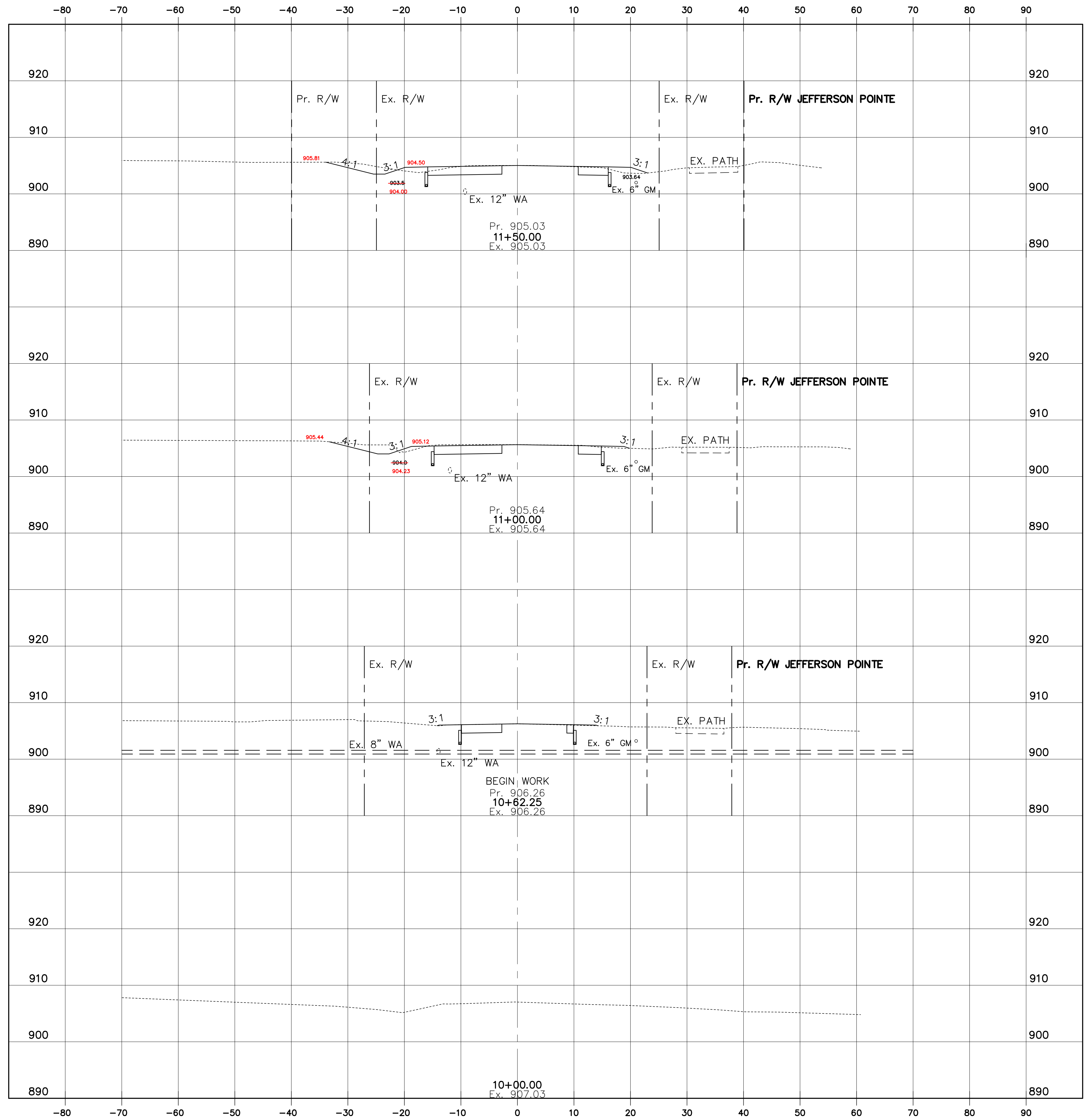


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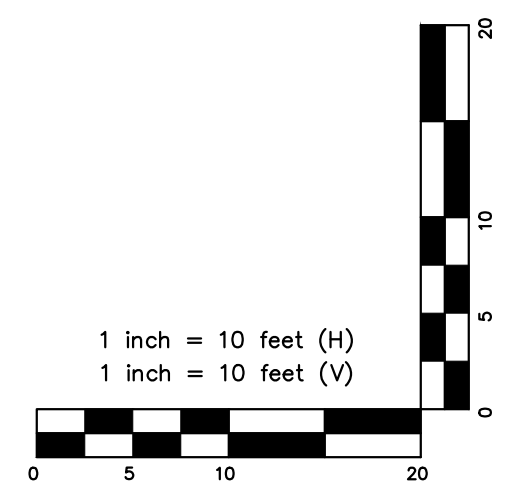
CITY OF GAHANNA, FRANKLIN COUNTY, OHIO
ROADWAY IMPROVEMENTS
 FOR
TAYLOR STATION ROAD
INTERSECTION DETAIL

Issue Dates:	
Date:	SEPTEMBER 14, 2021
Scale:	AS NOTED
Drawn By:	TLM
Checked By:	MIM
Project Number:	18-0027-414
Drawing Number:	12 / 17

SEEDING
 END SQ. YDS.
 WIDTH
 134.7
 25.6
 137.8
 24
 68.6
 8.7
 341.1



END AREA	VOLUME	
	CUT	FILL
16.9	13.8	
10.9	8.1	
10.3	7.5	
.2	0	
0.1	0.3	
0	.5	
27.3	21.6	



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FOR
 ROADWAY IMPROVEMENTS
 TAYLOR STATION ROAD
 STA. 10+00.00 TO STA. 11+50.00

CROSS SECTIONS

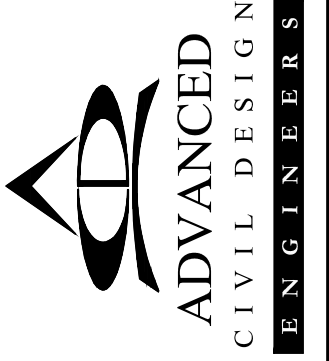
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Date: SEPTEMBER 14, 2021
 Scale: AS NOTED

Drawn By: TLM
 Checked By: MIM

Project Number:
 18-0027-414

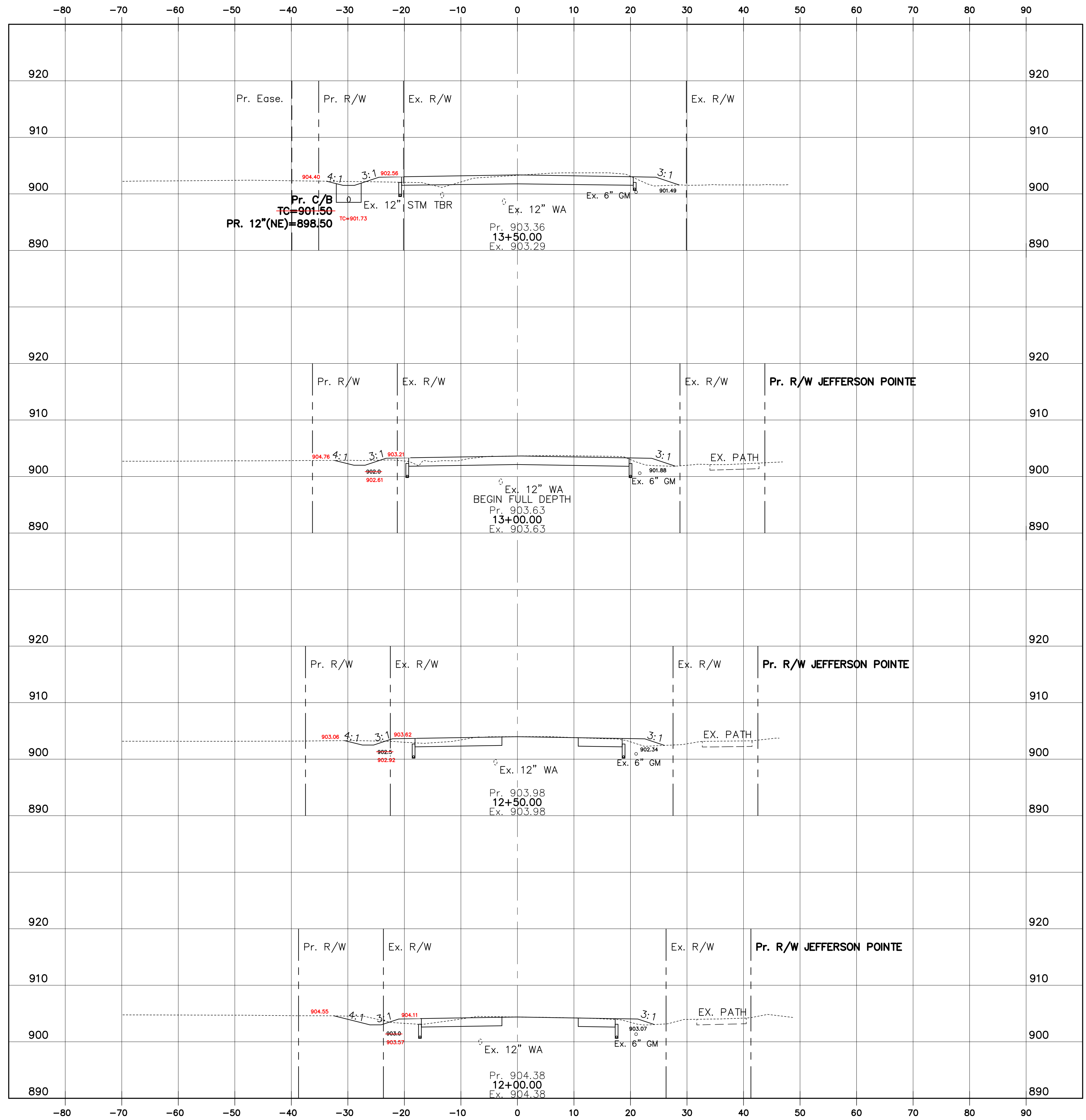
Drawing Number:
13 / 17



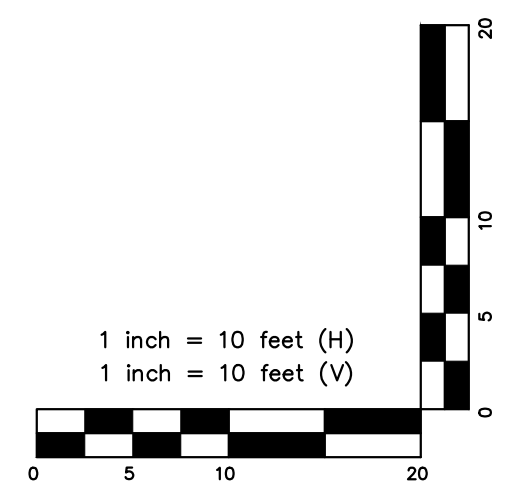
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 fax 614.428.7755

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SEEDING	
END WIDTH	SQ. YDS.
95	
22	
121.9	
21.9	
117.5	
20.4	
120.3	
22.9	
454.7	



END AREA	VOLUME	
	CUT	FILL
18.1	15.6	
3.1	10.9	
6.9	17.0	
4.3	7.7	
7.2	14.2	
3.5	7.6	
10	13.3	
7.3	6.8	
42.2	60.1	



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ADVANCED
CIVIL DESIGN
ENGINEERS SURVEYORS

PLAN PREPARED BY:

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CITY OF GAHANNA, FRANKLIN COUNTY, OHIO
ROADWAY IMPROVEMENTS
FOR
TAYLOR STATION ROAD
STA. 12+00.00 TO STA. 13+50.00
CROSS SECTIONS

Issue Dates:

Date: SEPTEMBER 14, 2021
Scale: AS NOTED

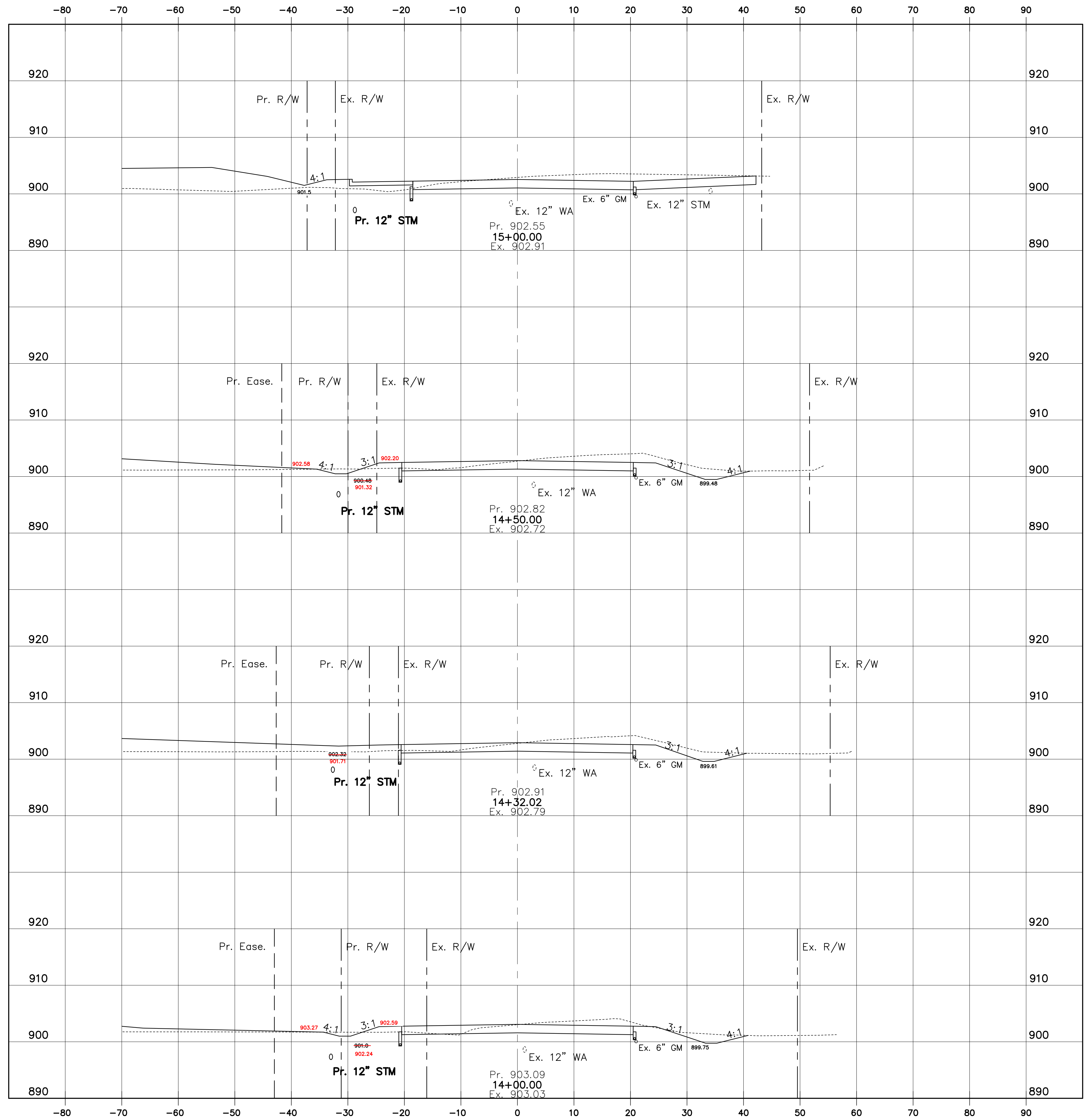
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Project Number:
18-0027-414

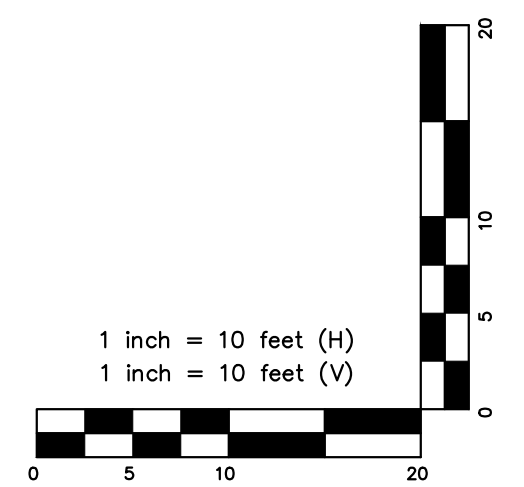
Drawing Number:
14 / 17

Z:\18-0027-414\Drawings\Production Drawings\18-0027-414 - Cross Sections.dwg Cross Sections 2 Mar 15, 2022 - 11:40:44am Tmann

SEEDING
 END SQ. YDS.
 WIDTH
 10.5
 8.1
 141.9
 43
 85.8
 42.9
 98.0
 12.2
 336.2



END AREA	VOLUME	
	CUT	FILL
	0	4.1
0	9.6	
	28.4	4.8
30.7	6.1	
	17.7	10.7
22.5	24	
	23.1	17.7
16.5	5.9	
69.2	37.3	



PLAN PREPARED BY:
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ROADWAY IMPROVEMENTS
 FOR
TAYLOR STATION ROAD
 STA. 14+00.00 TO STA. 15+00.00
CROSS SECTIONS

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ADVANCED CIVIL DESIGN
 ENGINEERS SURVEYORS

Issue Dates:

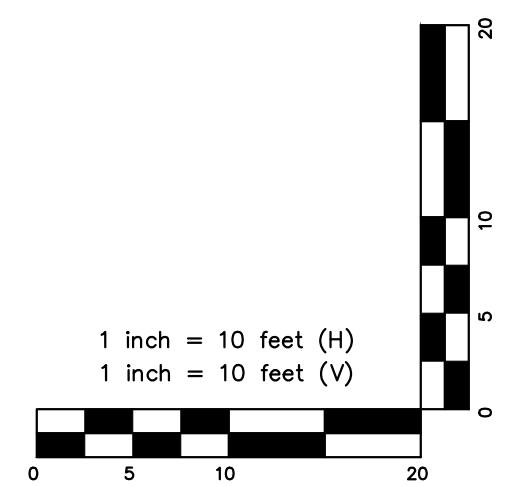
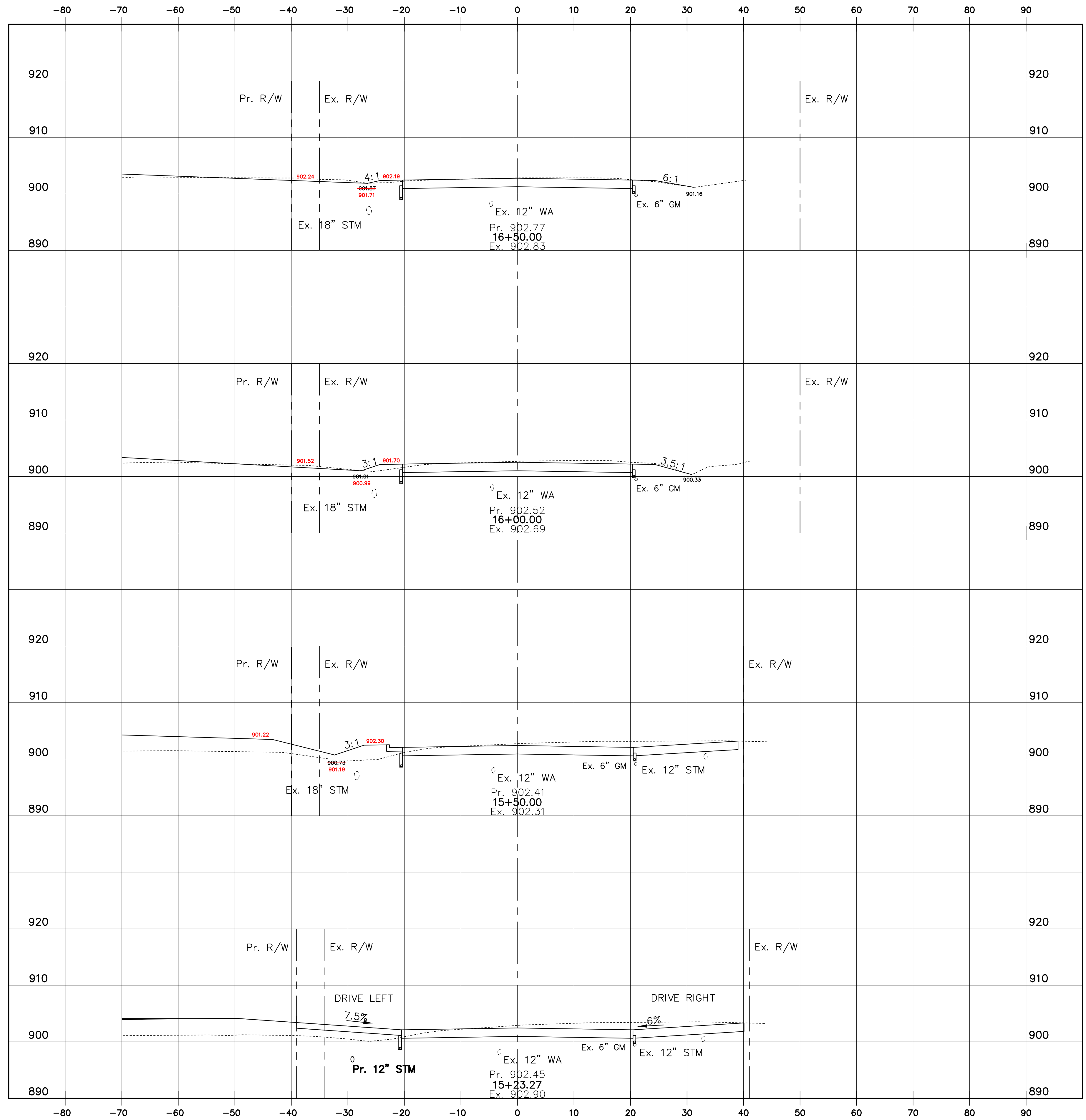
Date: SEPTEMBER 14, 2021
 Scale: AS NOTED

Drawn By: TLM
 Checked By: MIM

Project Number:
 18-0027-414

Drawing Number:
15 / 17

SEEDING
 END SQ. YDS.
 WIDTH
 154.7
 30.7
 170.3
 30.6
 133.1
 17.3
 25.7
 0
 483.8



END AREA	VOLUME	
	CUT	FILL
8.8	4.1	
4.9	2.7	
9.3	7.2	
5.1	5.1	
9.4	31.5	
0	28.9	
0	14.3	
0	0	
27.5	57.1	

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ROADWAY IMPROVEMENTS
 FOR
TAYLOR STATION ROAD
 STA. 15+23.27 TO STA. 16+50.00
CROSS SECTIONS

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ADVANCED CIVIL DESIGN
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Issue Dates:

Date: SEPTEMBER 14, 2021
 Scale: AS NOTED

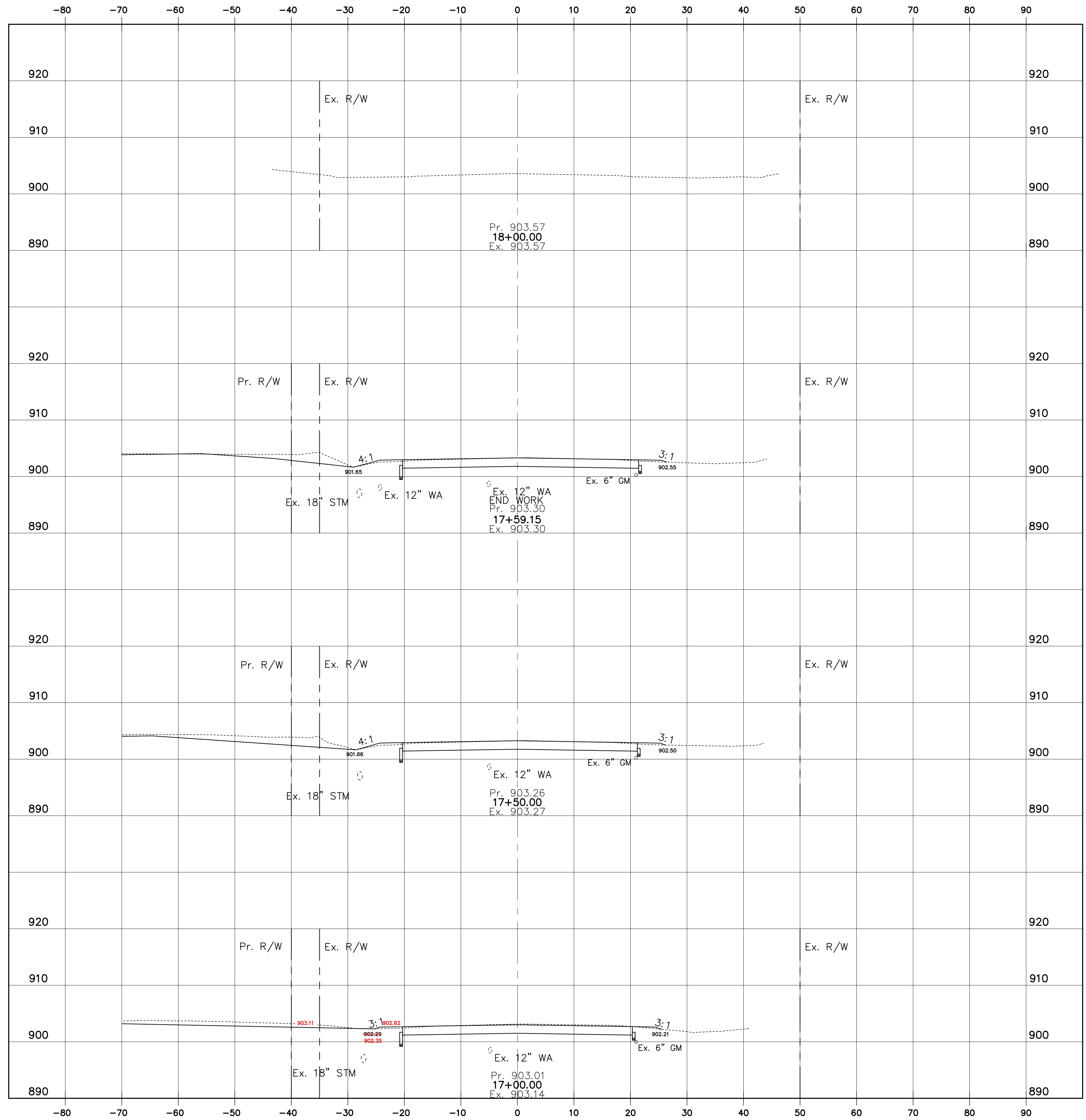
Drawn By: TLM
 Checked By: MIM

Project Number:
 18-0027-414

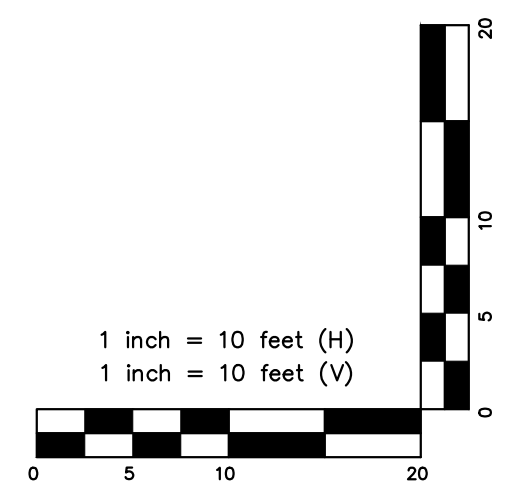
Drawing Number:
16 / 17

SEEDING
 END SQ. YDS.
 WIDTH

24.9
 25.4
 25
 138.9
 25
 164.3



END AREA	VOLUME	
	CUT	FILL
13	3	
12.4	3.3	4.3
4.6	1.7	15.7
20.0	5.7	4.6



PLAN PREPARED BY:
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 TE: (614)342-4080

ROADWAY IMPROVEMENTS
 FOR
 TAYLOR STATION ROAD
 STA. 17+00.00 TO STA. 18+00.00
 CROSS SECTIONS

Issue Dates:

Date:	SEPTEMBER 14, 2021
Scale:	AS NOTED
Drawn By:	TLM
Checked By:	MIM
Project Number:	18-0027-414
Drawing Number:	17 / 17

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