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LOCATION MAP

SCALE IN MILES



LATITUDE: N 40°23'25"

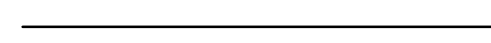
LONGITUDE: W 82°29'20"



PORTION TO BE IMPROVED



COUNTY ROAD



STATE ROUTE



TOWNSHIP ROAD



DESIGN DESIGNATION

CURRENT A.D.T. (2026)	S.R. 13	7,380
DESIGN YEAR A.D.T. (2046)		11,490
DESIGN YEAR D. H. V. (2046)		1,163
TRUCKS	7% (810)	
DIRECTIONAL DISTRIBUTION	55%	
LEGAL SPEED	25 MPH	
DESIGN SPEED	25 MPH	
FUNCTIONAL CLASSIFICATION	= 03 PRINCIPAL ARTERIAL (URBAN)	
NHS PROJECT	= YES	

DESIGN EXCEPTIONS

NONE REQUIRED

UNDERGROUND UTILITIES
CONTACT TWO WORKING DAYS
BEFORE YOU DIG

OHIO811, 8-1-1, 1-800-362-2764
(Non-members must be called directly)

PLAN PREPARED BY:



ENGINEER'S SEAL:

SIGNED: *Kevin J. Grathwol*
DATE: 05/19/26

STATE OF OHIO

DEPARTMENT OF TRANSPORTATION

KNO-SR13-10.33

CITY OF MOUNT VERNON

KNOX COUNTY

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PROJECT DESCRIPTION

CREATION OF NEW THREE-LANE ROADWAY ON NEW ALIGNMENT FROM S. MAIN STREET TO OHIO AVENUE TO REPLACE PHILLIPS DRIVE AND RE-ROUTE S.R. 13. RECONSTRUCTION AND WIDENING OF S. SANDUSKY STREET FROM OHIO AVENUE TO HIGH STREET. IMPROVEMENTS INCLUDE NEW CURB AND GUTTER, SIDEWALK, SHARED-USE PATH, TWO TRAFFIC SIGNAL REPLACEMENTS, ONE NEW TRAFFIC SIGNAL, WATER LINE, SANITARY SEWER, AND DRAINAGE IMPROVEMENTS.

PROJECT EARTH DISTURBED AREA:	6.81 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	1.00 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	7.81 ACRES

2023 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AS NOTED ON SHEETS 18-24A, AND THAT DETOURS WILL BE PROVIDED AS INDICATED IN THE PLANS.

STANDARD CONSTRUCTION DRAWINGS										SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS
BP-2.2	1/16/26	DM-1.1	1/17/25	HL-60.11	7/21/17	MT-120.00	1/16/26	TC-83.20	1/16/26	800	1/16/26	GEOTECH REPORT 7/19/23
BP-3.1	1/19/24	DM-1.2	1/17/25	HL-60.12	1/16/26			TC-83.30	1/16/26	805	7/16/10	
BP-4.1	7/19/13	DM-4.4	1/15/16			TC-16.22	1/16/26	TC-85.10	1/16/26	809	1/16/26	
BP-5.1	1/16/26			MT-95.31	7/18/25	TC-21.21	7/18/25	TC-85.20	4/21/23	821	4/20/12	WATERWAY PERMIT 7/09/26
BP-7.1	1/16/26	CB-2-2B	7/19/24	MT-95.32	7/18/25	TC-41.20	10/18/13			825	7/19/24	
		CB-3	1/16/26	MT-97.10	7/18/25	TC-41.30	4/21/23			832	7/18/25	
RM-1.1	1/16/26	CB-3A	1/16/26	MT-97.12	1/16/26	TC-41.40	1/16/26			895	4/18/14	
RM-2.1	7/19/13			MT-99.20	4/19/19	TC-42.20	10/18/13			903	7/20/12	
RM-5.1	7/18/14	MH-1	7/15/22	MT-101.60	1/17/25	TC-52.10	10/18/13			909	1/16/26	
RM-6.1	7/18/14	MH-3	7/19/24	MT-101.90	7/17/20	TC-52.20	1/15/21			916	7/19/24	
				MT-102.20	4/19/19	TC-71.10	1/16/26			921	7/19/24	
		HL-20.11	1/16/26	MT-103.20	1/16/26	TC-74.10	1/16/26			995	7/17/15	
		HL-30.11	1/16/26	MT-105.10	1/17/20	TC-81.22	1/16/26					
		HL-30.22	1/17/25	MT-110.10	7/19/13	TC-83.10	1/16/26					

APPROVED

Jason L. Sturgeon
Jason L. Sturgeon, P.E.
District 05 Deputy Director

APPROVED

Pamela Boratyn
Pamela Boratyn
Director, Department of Transportation

FEDERAL PROJECT NO.

E220 (636)

PID NO.

116840

CONSTRUCTION PROJECT NO.

-

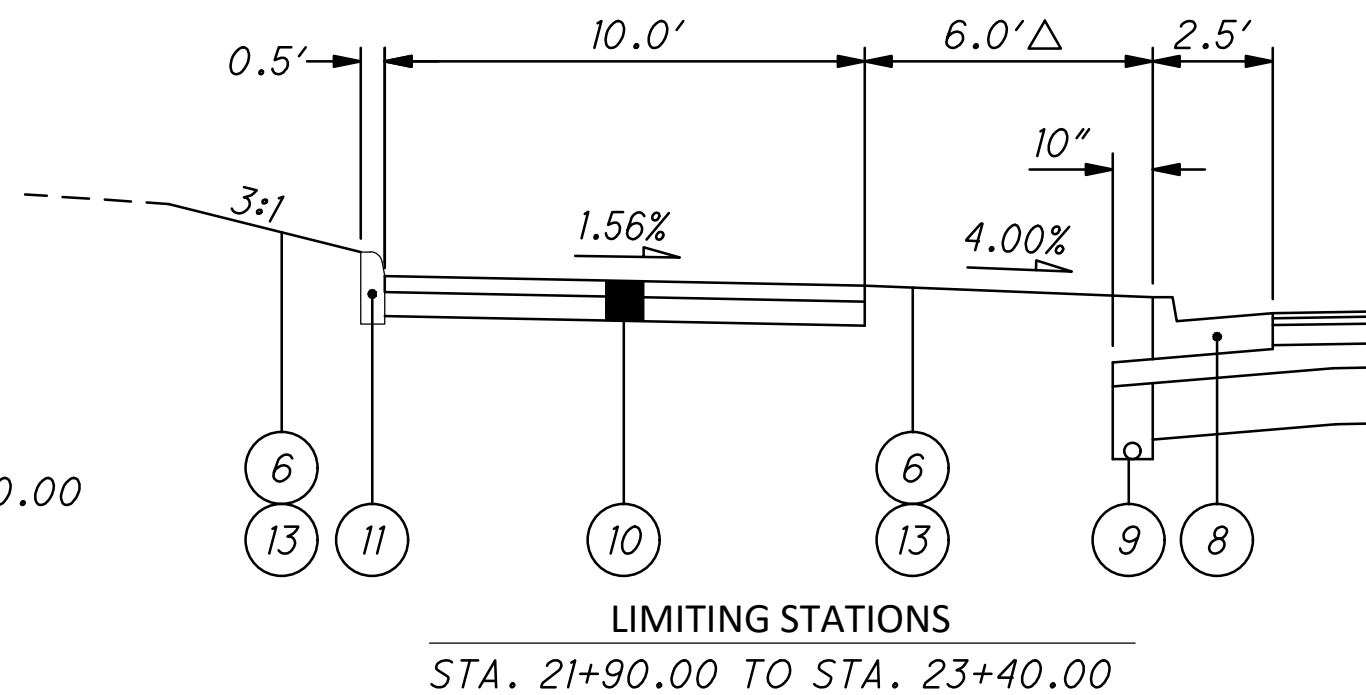
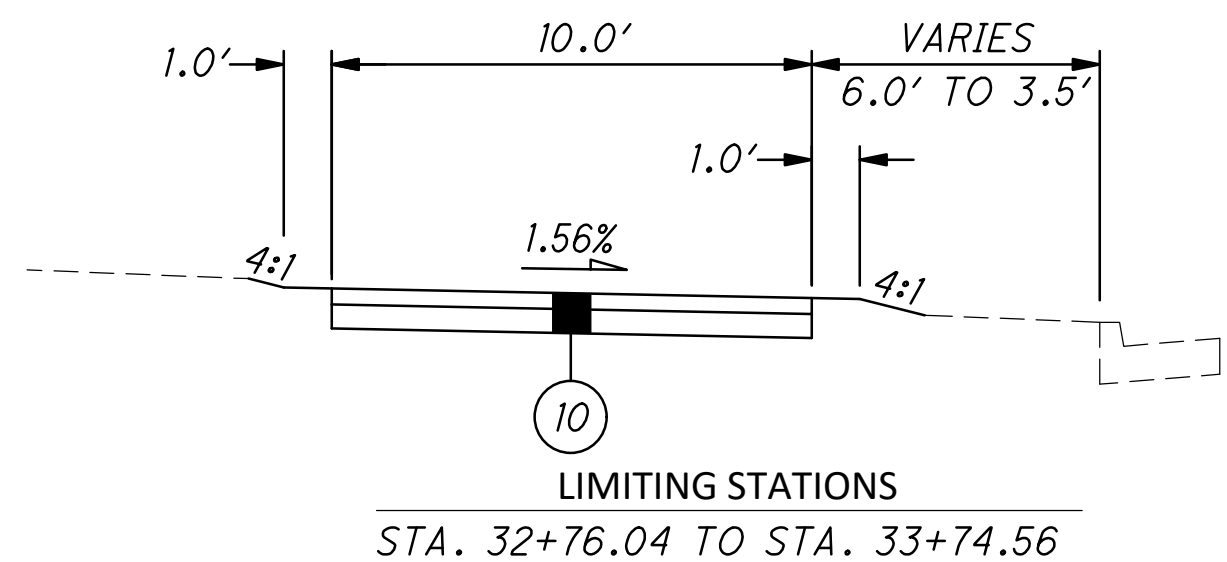
RAILROAD INVOLVEMENT

NONE

KNO-SR13-10.33

1
153

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△ VARIES 6.0' TO 3.2'± FROM
STA. 22+75.00 TO STA. 23+70.00

*** TRANSITION PATH CROSS SLOPE
FROM LEFT TO RIGHT OVER 20'
BEGINNING AT 20+70.00

0.0' FROM
12+04.45 TO 12+20.00

VARIES 0.0' TO 6.0' FROM
STA. 12+20.00 TO STA. 12+47.85

* TAPER 27.7' TO 23.5' FROM
STA. 12+04.45 TO STA. 12+47.85

23.5' FROM
STA. 12+47.85 TO STA. 12+65.00

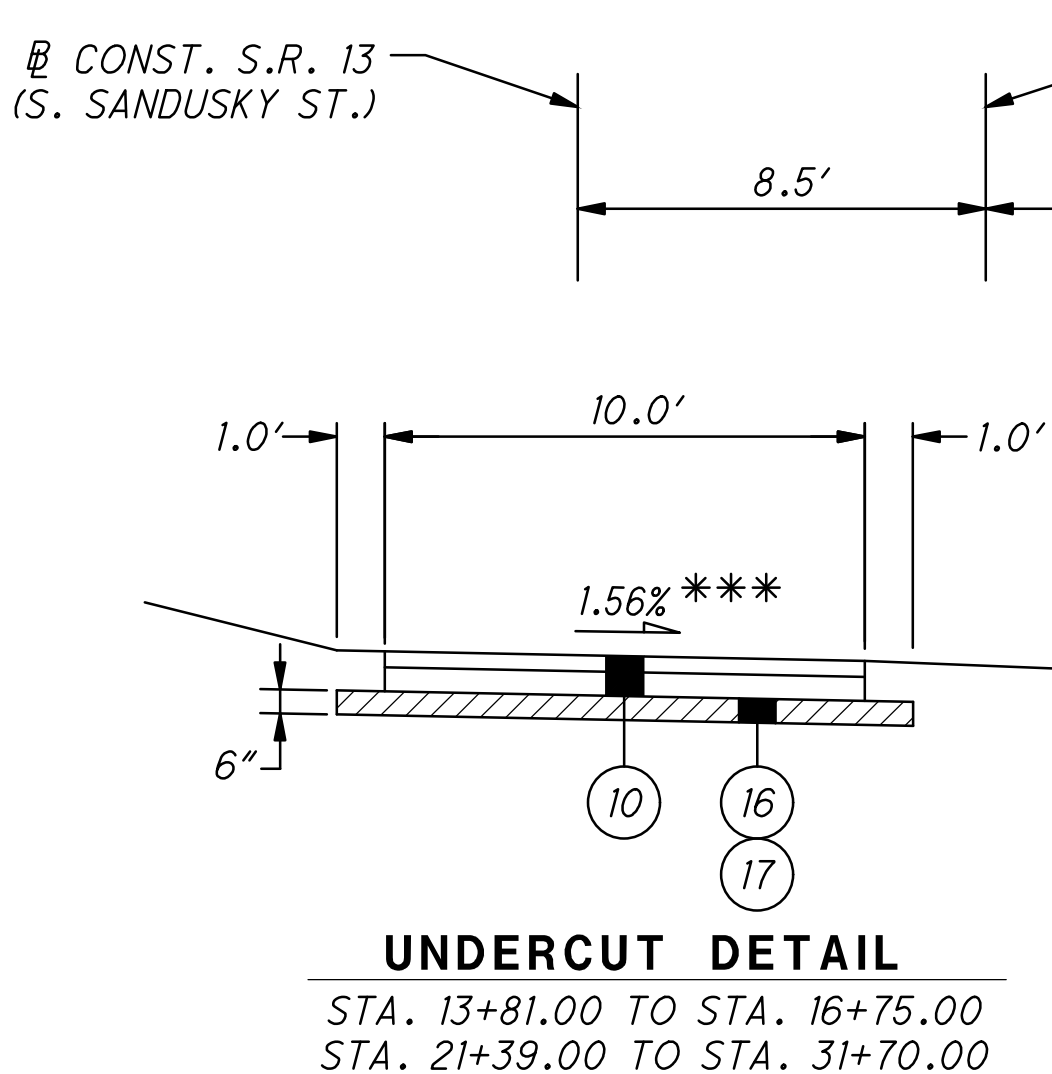
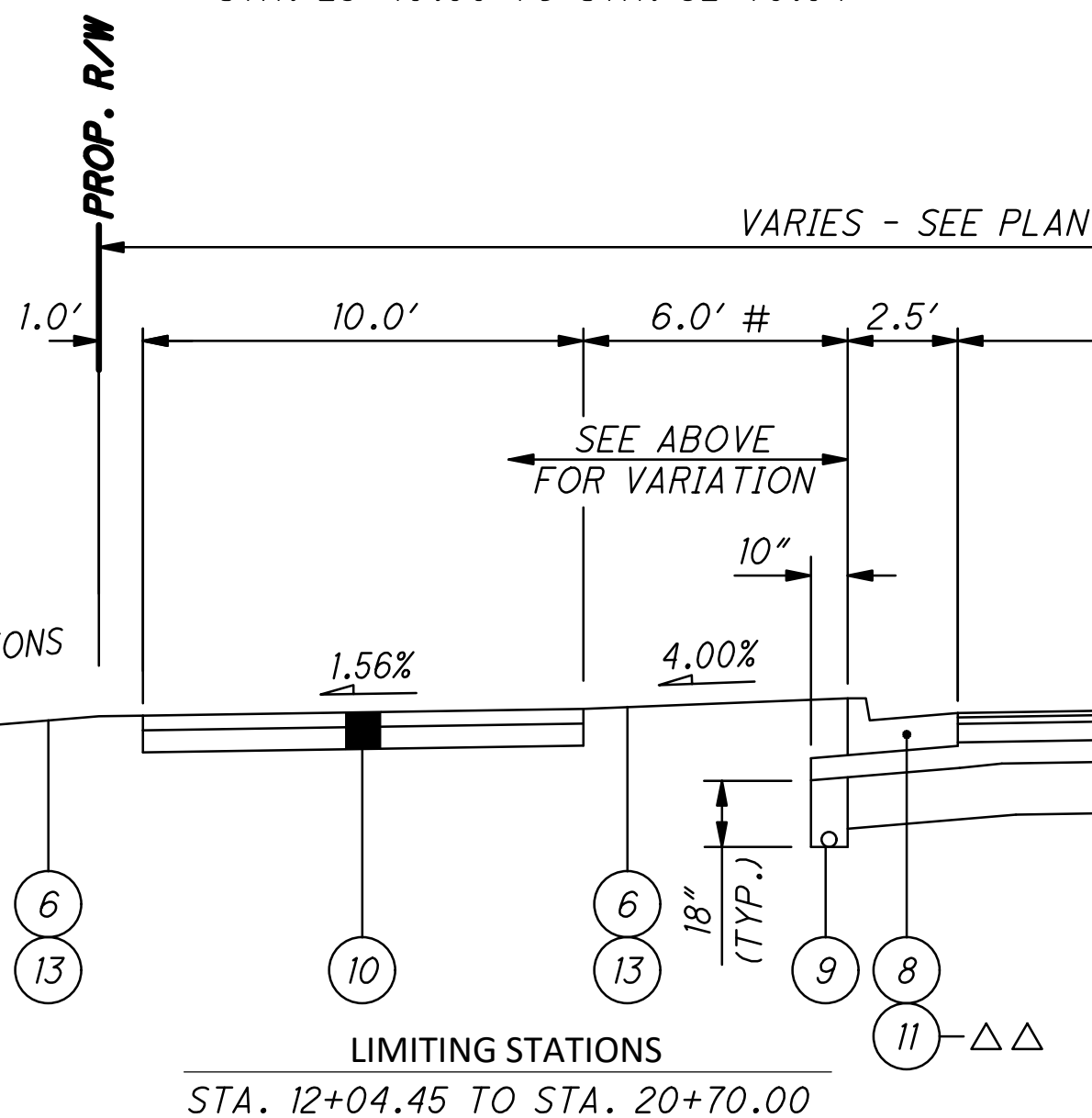
21.5' FROM
STA. 12+65.00 TO STA. 14+40.00

TAPER 21.5' TO 17.5' FROM
STA. 14+40.00 TO STA. 15+40.00

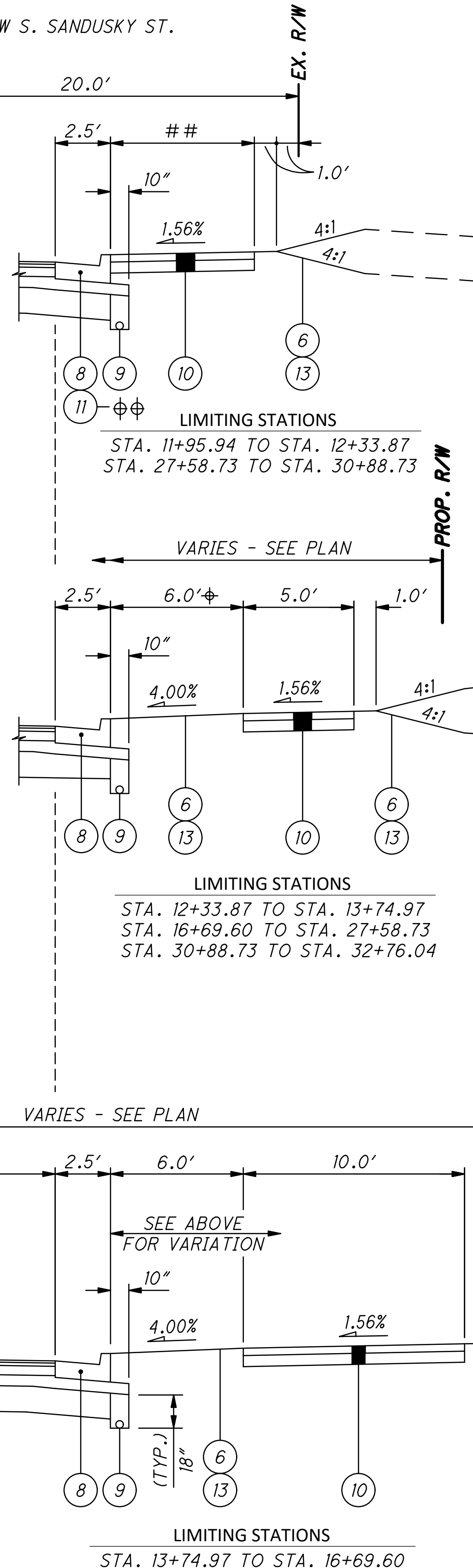
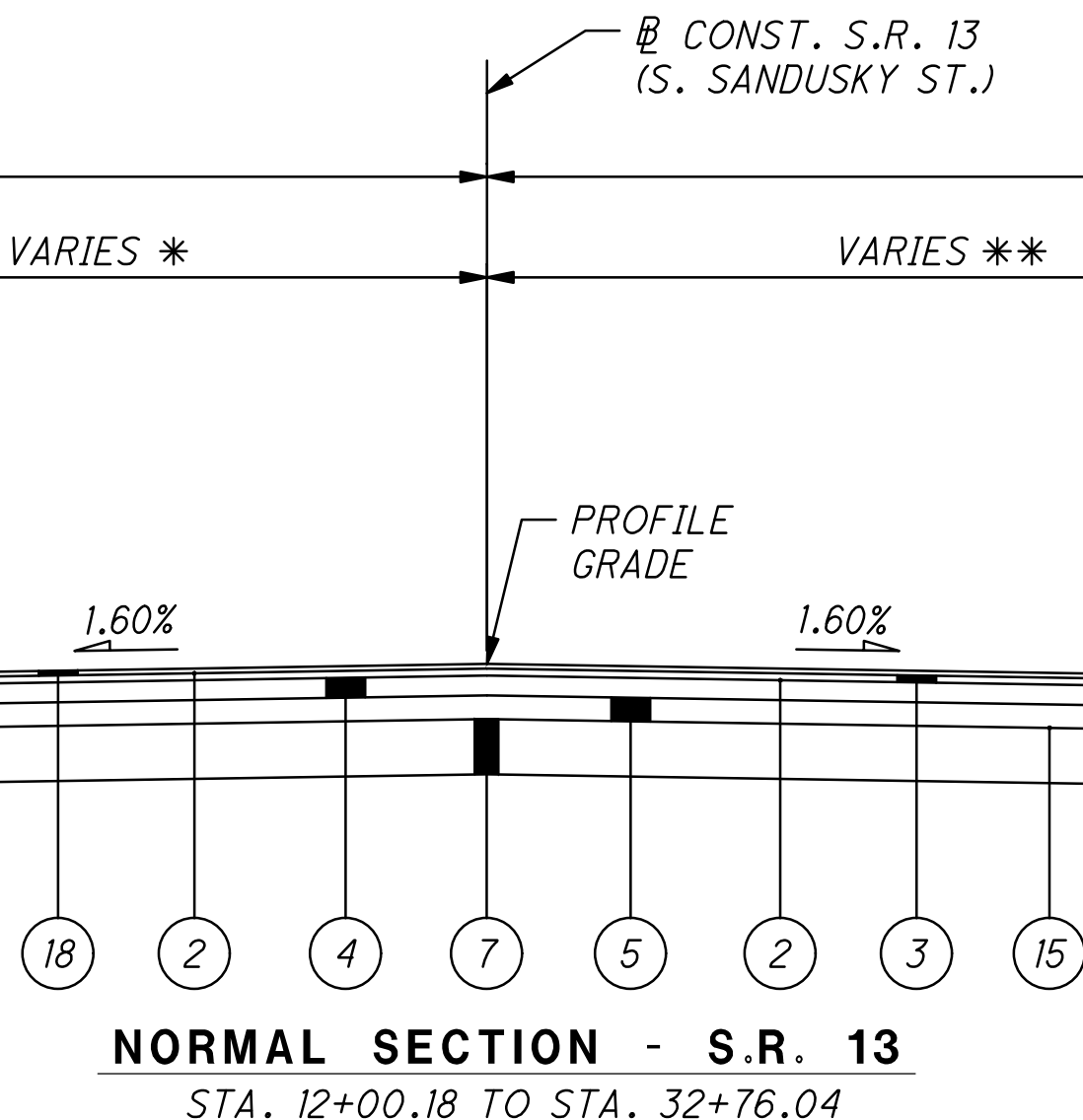
17.5' FROM
STA. 15+40.00 TO STA. 32+65.71

TAPER 17.5' TO 17.60' FROM
STA. 32+65.71 TO STA. 32+76.04

△△ CURB, TYPE 6 APPLIES:
STA. 12+04.45 TO STA. 12+65.00



MEDIAN SECTION - S.R. 13
STA. 17+13.80 TO STA. 19+50.00
STA. 21+51.20 TO STA. 23+24.50



VARIES 3.7' TO 5.0' FROM
STA. 11+95.94 TO STA. 12+00.00

5.0' FROM
STA. 12+00.00 TO STA. 12+33.87

6.5' FROM
STA. 27+58.73 TO STA. 30+88.73

ΦΦ CURB, TYPE 6 APPLIES:
STA. 11+95.94 TO STA. 12+33.87

Φ VARIES FROM
STA. 12+33.87 TO STA. 13+74.97
(SEE PLAN)

** 20.0' FROM
STA. 11+95.94 TO STA. 15+20.00

TAPER 20.0' TO 17.5' FROM
STA. 15+20.00 TO STA. 16+30.00

17.5' FROM
STA. 16+30.00 TO STA. 32+65.71

TAPER 17.5 TO 17.65' FROM
STA. 32+65.71 TO STA. 32+76.04

LEGEND

- ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22
- ITEM 407 - NON-TRACKING TACK COAT
- ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
- ITEM 301 - 5" ASPHALT CONCRETE BASE, PG64-22, (449), AS PER PLAN
- ITEM 304 - 6" AGGREGATE BASE
- ITEM 659 - SEEDING AND MULCHING, CLASS 1

- ITEM 206 - CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP
- ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2
- ITEM 605 - 4" BASE PIPE UNDERDRAINS
- ITEM 608 - 4" CONCRETE WALK, AS PER PLAN
- ITEM 609 - CURB, TYPE 6
- ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (1 1/4" DEPTH)

- ITEM 659 - TOPSOIL
- ITEM 204 - SUBGRADE COMPACTION
- ITEM 204 - PROOF ROLLING
- ITEM 204 - EXCAVATION OF SUBGRADE (12")
- ITEM 204 - EMBANKMENT (12")
- ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG70-22M

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ITEM 202 - PAVEMENT REMOVED, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF ITEM 202, PAVEMENT REMOVED SHALL INCLUDE REMOVAL OF ALL PAVEMENT LAYERS FROM THE SURFACE TO BOTTOM OF PAVEMENT COURSES, INCLUDING UNBOUND AGGREGATE FOR ALL ROADWAY, PARKING LOTS, AND DRIVES.

FOR PAVEMENT REMOVED LIMITS, SEE DEMOLITION PLAN ON SHEET 44.

THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID PER SY FOR ITEM 202 - PAVEMENT REMOVED, AS PER PLAN AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO PERFORM THE WORK NOTED ABOVE.

~~ITEM 202 - BUILDING DEMOLISHED, AS PER PLAN: (BY PARCEL)~~

~~IN ADDITION TO THE REQUIREMENTS OF 202.06, THIS ITEM SHALL INCLUDE REMOVAL OF ALL ANCILLARY ITEMS IN PROXIMITY OF THE BUILDING TO BE DEMOLISHED, SUCH AS SHEDS, BOLLARDS, PARKING BLOCKS, WALKS, FENCE, PRIVATE SIGNS, MAILBOXES, ETC. ANY NECESSARY PARKING LOT REMOVAL SHALL BE PAID FOR SEPARATELY UNDER ITEM 202, PAVEMENT REMOVED, AS PER PLAN. SEE SHEET 44 FOR PAVEMENT REMOVAL LIMITS.~~

~~THE CONTRACTOR SHALL COMPLETELY REMOVE ALL FOUNDATIONS; FLOORS; FLOOR SLABS; AND BASEMENT, PIT, WELL, AND CISTERN WALLS.~~

~~THE CONTRACTOR SHALL DISCONNECT, PRESERVE, AND CAP ALL UTILITY SERVICE LINES TO THE BUILDING. PRIOR TO BACKFILLING, THE CONTRACTOR SHALL NOTIFY CITY ENGINEER FOR LOCATION AND INSPECTION OF DISCONNECTED SERVICE LINES.~~

~~THE COST OF THIS WORK SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 202 - BUILDING DEMOLISHED, (BY PARCEL), AS PER PLAN AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO PERFORM THE WORK NOTED ABOVE.~~

~~ITEM 202 - BUILDING DEMOLISHED, AS PER PLAN: PARCEL 3~~

~~IN ADDITION TO THE REQUIREMENTS OF THE ITEM 202 - BUILDING DEMOLISHED, AS PER PLAN: (BY PARCEL) NOTE ABOVE, THE FOLLOWING APPLIES TO PARCEL 3.~~

~~CONTRACTOR SHALL CAREFULLY REMOVE AND SALVAGE THE RED MASONRY BRICKS ON THE FACE OF BUILDING ABOVE THE MAIN ENTRANCE, TAKING CARE NOT TO DAMAGE THE BRICKS. UNDER A SEPARATE PAY ITEM, THE SALVAGED BRICKS WILL BE USED TO CREATE A DECORATIVE MASONRY BLOCK WRAPPING AT THE BASE OF THE PROPOSED HISTORIC DISTRICT ARCHWAY COLUMNS. ANY BRICKS NOT USED FOR THE HISTORIC DISTRICT ARCHWAY SHALL BE DELIVERED TO THE CITY.~~

~~THE COST OF THIS WORK SHALL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 202 - BUILDING DEMOLISHED, AS PER PLAN: PARCEL 3 AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO PERFORM THE WORK NOTED ABOVE.~~

ITEM 202 - REMOVAL MISC.: BOLLARD REMOVED

CONTRACTOR SHALL REMOVE AND DISPOSE OF BOLLARDS WHERE INDICATED ON THE PLANS. IF THE BOLLARD SPECIFIED FOR REMOVAL HAS A FOUNDATION, THE FOUNDATION REMOVAL SHALL ALSO BE INCLUDED. BACKFILL ANY RESULTING CAVITIES IN ACCORDANCE WITH 202.02.

PAYMENT SHALL BE MADE AT THE UNIT PRICE BID PER EACH FOR ITEM 202 - REMOVAL MISC.: BOLLARD REMOVED AND SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS, AND BACKFILL NECESSARY TO PERFORM THE WORK NOTED ABOVE.

ITEM 202 - REMOVAL MISC.: BENCH REMOVED

CONTRACTOR SHALL REMOVE AND DISPOSE OF CONCRETE BENCH WHERE INDICATED ON THE PLANS. REMOVAL OF THE CONCRETE PAD BENEATH THE BENCH SHALL BE INCLUDED IN THIS ITEM.

PAYMENT SHALL BE MADE AT THE UNIT PRICE BID PER EACH FOR ITEM 202 - REMOVAL MISC.: BENCH REMOVED AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO PERFORM THE WORK NOTED ABOVE.

ITEM 202 - REMOVAL MISC.: TRASH RECEPTACLE REMOVED

CONTRACTOR SHALL CAREFULLY REMOVE TRASH RECEPTACLE WHERE INDICATED ON THE PLANS. UPON REMOVAL, THE CONTRACTOR SHALL DELIVER TRASH RECEPTACLES TO THE CITY.

PAYMENT SHALL BE MADE AT THE UNIT PRICE BID PER EACH FOR ITEM 202 - REMOVAL MISC.: TRASH RECEPTACLE REMOVED AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO PERFORM THE WORK NOTED ABOVE.

REMOVAL MISC.: OHIO HISTORICAL MARKER REMOVED AND RELOCATED

CONTRACTOR SHALL CAREFULLY REMOVE AND STORE THE OHIO HISTORICAL MARKER AND GROUND MOUNTED POST. CONTRACTOR SHALL REMOVE AND DISPOSE OF THE CONCRETE FOUNDATION. UPON COMPLETION OF THE PROPOSED GRADING AND RIVER TRAIL CONSTRUCTION, THE CONTRACTOR SHALL RE-ERECT THE OHIO HISTORICAL MARKER AND POST AT STA. 14+07.8, 128.2' LT. THE CONTRACTOR SHALL EMBED THE RELOCATED POST IN AN 18" DIAMETER BY 3' DEEP CONCRETE FOUNDATION.

PAYMENT SHALL BE MADE AT THE UNIT PRICE BID PER EACH FOR ITEM 202 - REMOVAL MISC.: OHIO HISTORICAL MARKER REMOVED AND RELOCATED AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO PERFORM THE WORK NOTED ABOVE.

ITEM SPECIAL - BOLLARD

CONTRACTOR SHALL FURNISH AND INSTALL REMOVABLE STEEL BOLLARDS WITH REFLECTIVE SHEETING PER STD. DWG. RM-5.1.

PAYMENT SHALL BE MADE AT THE UNIT PRICE BID PER EACH FOR ITEM SPECIAL - BOLLARD AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO PERFORM THE WORK NOTED ABOVE.

ITEM SPECIAL - CONCRETE PARKING BLOCK

CONTRACTOR SHALL FURNISH AND INSTALL CONCRETE PARKING BLOCKS PER STD. DWG. RM-6.1.

PAYMENT SHALL BE MADE AT THE UNIT PRICE BID PER EACH FOR ITEM SPECIAL - CONCRETE PARKING BLOCK AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO PERFORM THE WORK NOTED ABOVE.

ITEM 638 - WATER WORK, MISC.: 1 1/2" WATER LINE TRANSFER

PAYMENT SHALL BE MADE AT THE UNIT PRICE BID PER EACH AND WILL CONSIDER THE PAYMENT AS COMPLETE COMPENSATION FOR PROVIDING ALL WORK NECESSARY TO FURNISH AND INSTALL THE WATER TAP AND/OR WATER SERVICE LINE TRANSFER, INCLUDING NEW SERVICE BOX AND ALL NECESSARY APPURTENANCES, AND ANY COMPONENT PART THEREOF.

ITEM 202 - REMOVAL MISC.: WATER SERVICE BOX REMOVED

THE CONTRACTOR SHALL REMOVE AND DISPOSE OF WATER SERVICE BOX ASSOCIATED WITH ABANDONED WATER SERVICE LINES, WHERE INDICATED ON THE PLANS. BACKFILL ANY RESULTING CAVITIES IN ACCORDANCE WITH 202.02.

PAYMENT SHALL BE MADE AT THE UNIT PRICE BID PER EACH FOR ITEM 202, REMOVAL MISC.: WATER SERVICE BOX REMOVED AND SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS, AND BACKFILL NECESSARY TO PERFORM THE WORK NOTED ABOVE.

COST FOR DISCONNECTION AND ABANDONMENT OF WATER SERVICE LINES SHALL BE CONSIDERED INCIDENTAL TO ITEM 202 - BUILDING DEMOLISHED, PER 202.07.

ITEM 638 - WATER WORK, MISC.: 6" FIRE HYDRANT (MOUNT VERNON)

THE CONTRACTOR SHALL FURNISH ALL LABOR, TOOLS, MATERIAL, EQUIPMENT AND COORDINATE INSPECTIONS NECESSARY TO FURNISH AND INSTALL NEW FIRE HYDRANTS AT THE LOCATIONS SHOWN ON THE PLANS. THE ITEM SHALL INCLUDE ALL EXCAVATION, FURNISHING AND INSTALLING THE NEW FIRE HYDRANT COMPLETE WITH ALL FITTINGS, APPROVED POLYETHYLENE WRAP, BACKFILLING AND ALL INCIDENTAL WORK NECESSARY TO COMPLETE THIS ITEM IN ACCORDANCE TO ODOT ITEM 638 AND WITH THE FOLLOWING MODIFICATIONS:

THE FIRE HYDRANTS SHALL MEET THE CITY OF MOUNT VERNON SPECIFICATIONS:

HYDRANTS SHALL BE MUELLER SUPER CENTURION 350 FIRE HYDRANT.

SHALL BE MANUFACTURED IN THE U.S.A.

PAYMENT SHALL BE MADE FOR ITEM 638 - WATER WORK MISC.: 6" FIRE HYDRANT (MOUNT VERNON) AT THE CONTRACT UNIT PRICE FOR EACH HYDRANT INSTALLED AND ADJUSTED TO FINAL GRADE. THE CITY WILL PAY FOR THE COST OF THE HYDRANT LEAD AND VALVE UNDER ITEM 638 - WATER WORK MISC.: 6" GATE VALVE AND VALVE BOX (MOUNT VERNON) AND WATER WORK MISC.: 6" WATER MAIN, DUCTILE IRON PIPE, ANSI CLASS 53, PUSH ON JOINTS AND FITTINGS (MOUNT VERNON).

ITEM 638 - WATER WORK, MISC.: ABANDON EXISTING (SIZE) WATER LINE

ABANDON EXISTING WATER MAINS AND/OR WATER TAPS AT THE MAIN BY REMOVING THE EXISTING TEE AND INSTALLING SLEEVES AND BY CUTTING AND CAPPING THE ABANDONED MAIN WITH CONCRETE PLUG, UNLESS OTHERWISE INDICATED ON THE PLANS OR AS DIRECTED BY THE CITY ENGINEER. PERFORM WATER MAIN ABANDONMENT AFTER TRANSFERRING ALL AFFECTED WATER SERVICE LINES AND NO SOONER THAN 24 HOURS AFTER SHUT DOWN OF THE LINE DESIGNATED FOR ABANDONMENT.

COST TO INCLUDE REMOVAL OF ALL VISIBLE VALVE BOXES, FIRE HYDRANTS, AND CURB BOXES ON THE ABANDONED WATER MAIN NO LONGER IN SERVICE.

PAYMENT SHALL BE MADE AT THE UNIT PRICE BID PER EACH FOR ITEM 638 - WATER WORK MISC.: ABANDON EXISTING (SIZE) WATER LINE AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO PERFORM THE WORK NOTED ABOVE.

ITEM 638 - WATER WORK, MISC.: 12" x 8" CUT-IN ANCHORING TEE, VALVE, AND VALVE BOX

PAYMENT SHALL BE MADE AT THE UNIT PRICE BID PER EACH AND WILL CONSIDER THE PAYMENT AS COMPLETE COMPENSATION FOR PROVIDING ALL WORK NECESSARY TO FURNISH AND INSTALL THE SLEEVE, ANCHORING TEE, VALVE AND VALVE BOX AND ANY COMPONENT PART THEREOF, INCLUDING A CONCRETE COLLAR FOR THE VALVE BOX PER DETAILS ON SHEET 8. THE CONTRACTOR SHALL USE CUTTING-IN SLEEVES TO INSTALL AN ANCHORING TEE IN AN EXISTING MAIN, WITHOUT BREAKING PIPE JOINTS, WHERE IT IS PERMISSIBLE TO INTERRUPT THE FLOW FOR A SHORT PERIOD OF TIME. INSTALL THE TEE BY CUTTING AN EXACT LENGTH OF PIPE FROM THE EXISTING MAIN ACCORDING TO THE MANUFACTURER'S RECOMMENDATION. ASSEMBLE THE CUTTING-IN SLEEVE AND ANCHORING TEE, ITS GLANDS AND GASKETS OVER THE CUT ENDS OF THE EXISTING PIPE ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. GATE VALVE SHALL BE CONNECTED DIRECTLY TO THE ANCHORING TEE ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

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NOTIFICATIONS

THE CONTRACTOR SHALL NOTIFY THE FOLLOWING ENTITIES AT LEAST SEVEN (7) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION ACTIVITIES. INCLUDED IN THE NOTIFICATION SHALL BE THE PROJECTED DATES AND TIME FRAMES OF ANY ROAD CLOSURES OR DETOURS.

- 1. MOUNT VERNON ENGINEERING DEPARTMENT
40 PUBLIC SQUARE
MOUNT VERNON, OHIO 43050
(740) 393-9528
- 2. MOUNT VERNON SAFETY SERVICES DIRECTOR
40 PUBLIC SQUARE
MOUNT VERNON, OHIO 43050
(740) 393-9520
- 3. MOUNT VERNON POLICE DEPARTMENT
5 NORTH GAY ST.
MOUNT VERNON, OHIO 43050
(740) 397-2222
- 4. MOUNT VERNON FIRE DEPARTMENT
200 W GAMBIER ST.
MOUNT VERNON, OHIO 43050
(740) 393-9515
- 5. MOUNT VERNON LOCAL SCHOOL DISTRICT
300 NEWARK RD.
MOUNT VERNON, OHIO 43050
(740) 397-7422
- 6. ODOT DISTRICT 5
9600 JACKSONTOWN RD.
JACKSONTOWN, OHIO 43030
(740) 323-4400

SHOULD ANY OF THE PROJECTED DATES AND TIME FRAMES OF THE START AND END OF THE ROAD CLOSURES CHANGE THROUGHOUT THE DURATION OF THE PROJECT, THE AGENCIES LISTED ABOVE MUST BE NOTIFIED IMMEDIATELY.

SEQUENCE OF CONSTRUCTION

PRE-PHASE 1
THE CONTRACTOR SHALL COMPLETE POTHOLING, LOCATING AND SIGNAL FOUNDATION WORK AND/OR ADDITIONAL WORK AS DIRECTED BY THE ENGINEER THAT CAN BE COMPLETED AHEAD OF PHASE 1 AND NOT AFFECT THE EXISTING TRAFFIC PATTERN IN THE PROJECT AREA. NO ROAD CLOSURES SHALL BE PERMITTED DURING THIS PHASE.

PHASE 1
THE CONTRACTOR SHALL CLOSE AND DETOUR MULBERRY STREET TO MAIN STREET AS SHOWN ON DETOUR PLAN SHEET 18. A SINGLE SOUTHBOUND LANE ON MAIN STREET SHALL BE SHIFTED TO THE EAST SIDE OF THE ROAD AS SHOWN IN THE DETAILED PLANS. THE CONTRACTOR SHALL PROVIDE DRUMS TO CLOSE OFF BLUE ASH PLAZA DRIVE ENTRANCE ON MAIN STREET.

THE NORTHBOUND INSIDE LANE ON MAIN STREET SHALL BE CLOSED PER ODOT SCD MT-95.32. NORTHBOUND TRAFFIC ON MAIN STREET SHALL BE RESTRICTED TO USING GAY STREET.

MECHANIC STREET SHALL BE CLOSED AS SHOWN ON DETOUR PLAN SHEET 19.

THE CONTRACTOR SHALL CONSTRUCT THE SOUTHERN HALF OF SOUTH SANDUSKY STREET FROM THE BEGINNING TO STA. 14+50 AND FULL WIDTH FROM STA. 14+50 TO STA. 23+30 UP TO AND INCLUDING THE INTERMEDIATE COURSE.

THE PROPOSED SIGNAL AT THE SOUTH SANDUSKY STREET / MULBERRY STREET INTERSECTION SHALL BE CONSTRUCTED.

SEQUENCE OF CONSTRUCTION (CONTINUED)

PHASE 2
THE CONTRACTOR SHALL CLOSE AND DETOUR SOUTH SANDUSKY STREET, OHIO AVENUE, GAMBIER STREET AND VINE STREET AS SHOWN ON DETOUR PLANS SHEET 20-22.

THE CONTRACTOR SHALL PERFORM ALL ROADWAY IMPROVEMENTS UP TO AND INCLUDING INTERMEDIATE COURSE. THE PROPOSED SIGNALS AT THE SOUTH SANDUSKY STREET / GAMBIER STREET INTERSECTION AND SOUTH SANDUSKY STREET / VINE STREET INTERSECTION SHALL BE CONSTRUCTED.

IF THE TRAFFIC SIGNALS ARE UNABLE TO BE FULLY CONSTRUCTED AND OPERATIONAL DUE TO THE DELAY IN EQUIPMENT DELIVERY, A TEMPORARY SIGNAL SHALL BE INSTALLED AT THE SOUTH SANDUSKY STREET / GAMBIER STREET INTERSECTION AS DETAILED ON SHEET 17A. PAYMENT FOR THE TEMPORARY SIGNAL SHALL BE PER ITEM SPECIAL - WORK ZONE TRAFFIC SIGNAL. ADDITIONALLY, THE SOUTH SANDUSKY STREET / VINE STREET INTERSECTION SHALL BE PLACED IN A 4-WAY STOP CONTROL CONDITION.

THE CONTRACTOR SHALL INSTALL PAVEMENT MARKINGS ON THE INTERMEDIATE COURSE IN THE PROPOSED TRAFFIC PATTERN FROM STA. 23+50 TO THE END OF THE PROJECT.

PHASE 3
THE CONTRACTOR SHALL REMOVE THE SOUTH MULBERRY STREET DETOUR AND ALLOW TRAFFIC TO DRIVE ON THE SOUTHBOUND COMPLETED LANES. THE CONTRACTOR SHALL CLOSE MAIN STREET AS SHOWN ON DETOUR PLAN SHEET 23.

THE CONTRACTOR SHALL PERFORM ALL ROADWAY IMPROVEMENTS FOR THE NORTHERN HALF OF SOUTH SANDUSKY STREET AND THE REALIGNED MAIN STREET INTERSECTION UP TO AND INCLUDING INTERMEDIATE COURSE.

HOWARD STREET SHALL BE CLOSED AS SHOWN ON DETOUR PLAN SHEET 24.

PHASE 4
THE NEW TRAFFIC SIGNAL SHALL BE ACTIVATED AT THE SOUTH SANDUSKY STREET / MULBERRY STREET INTERSECTION.

SR 13 TRAFFIC SHALL BE PLACED IN THE PROPOSED CONDITION WITH THE EXCEPTION THE WORK SHOWN IN THE DETAILED PLANS. GAY STREET SHALL BE CLOSED AS SHOWN ON SHEET 24A.

THE CONTRACTOR SHALL PERFORM ALL ROADWAY IMPROVEMENTS UP TO AND INCLUDING INTERMEDIATE COURSE.

PHASE 5
DURING OFF-PEAK OR WEEKEND HOURS, THE CONTRACTOR SHALL MILL THE PAVEMENT ON GAY STREET AND PLACE THE FINAL ASPHALT SURFACE COURSE THROUGHOUT THE PROJECT LIMITS. TRAFFIC SHALL BE MAINTAINED UTILIZING FLAGGERS FOR A TWO-WAY, ONE-LANE OPERATION IN ACCORDANCE WITH ODOT STANDARD CONSTRUCTION DRAWING MT-97.12. THE CONTRACTOR SHALL INSTALL ANY REMAINING TRAFFIC SIGNAL ITEMS AND PLACE ALL FINAL PAVEMENT MARKINGS DURING OFF-PEAK OR WEEKEND HOURS WHILE MAINTAINING TWO-WAY TRAFFIC IN ACCORDANCE WITH ODOT STANDARD CONSTRUCTION DRAWING MT-99.20.

WORK HOUR DESCRIPTIONS

- 1. OFF-PEAK HOURS ARE DEFINED AS ANY PERIOD OTHER THAN 6:00-9:00AM AND 4:00-7:00PM (MONDAY THRU FRIDAY).
- 2. NIGHTTIME HOURS ARE DEFINED AS BETWEEN 8:00PM AND 6:00AM.
- 3. WEEKEND HOURS ARE DEFINED AS BETWEEN 8:00PM FRIDAY AND 6:00AM MONDAY.

ACCESS TO PROPERTIES

ACCESS SHALL BE MAINTAINED TO ALL RESIDENTIAL AND COMMERCIAL PROPERTIES EXCEPT WHEN A DRIVEWAY MUST BE CLOSED FOR CONSTRUCTION. ALL RESIDENTS AND PROPERTY OWNERS SHALL BE PROVIDED WRITTEN NOTIFICATION BY THE CONTRACTOR A MINIMUM OF 72 HOURS PRIOR TO THE CLOSURE. THE NOTICE SHALL LIST THE TIME THE CLOSURE WILL BE IN EFFECT AND SHALL LIST 24-HOUR EMERGENCY PHONE NUMBERS OF THE CONTRACTOR RESPONSIBLE FOR THE CLOSURE. THE TIMES SHALL BE COORDINATED WITH EACH RESIDENT AND PROPERTY OWNER. INDIVIDUAL DRIVE CLOSURES SHALL BE KEPT TO THE MINIMUM TIME NEEDED FOR CONSTRUCTION ACTIVITIES. EVERY EFFORT MUST BE MADE TO ACCOMMODATE THE RESIDENT OR OWNER'S NEED FOR ACCESS. ACCESS MAY BE MAINTAINED WITH THE USE OF ASPHALT, AGGREGATE, OR STEEL PLATES.

WHERE A DRIVEWAY IS WIDE ENOUGH, THE CONTRACTOR SHALL CONSTRUCT THE DRIVEWAY PART-WIDTH WHILE MAINTAINING TWO-WAY TRAFFIC. WHERE A PROPERTY HAS MORE THAN ONE DRIVEWAY, DRIVES SHALL BE CONSTRUCTED ONE AT A TIME.

THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE MOUNT VERNON FIRE DEPARTMENT AT ALL TIMES. THE CONTRACTOR SHALL CONSTRUCT THE DRIVES PART-WIDTH. ALL WORK SHALL BE COORDINATED WITH THE MOUNT VERNON FIRE DEPARTMENT.

ALL LABOR AND MATERIALS REQUIRED FOR THE WORK DESCRIBED ABOVE SHALL BE CONSIDERED INCIDENTAL TO AND INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614 - MAINTAINING TRAFFIC.

PLACEMENT OF ASPHALT CONCRETE

TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT THAT ONE-WAY TRAFFIC WILL BE PERMITTED FOR MINIMUM PERIODS OF TIME CONSISTENT WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR PROTECTION OF COMPLETED ASPHALT CONCRETE COURSES.

TRENCH FOR WIDENING

TRENCH EXCAVATION FOR BASE WIDENING SHALL BE ONLY ON ONE SIDE OF THE PAVEMENT AT A TIME. THE OPEN TRENCH SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH DRUMS OR BARRICADES AT ALL TIMES. PLACEMENT OF PROPOSED SUBBASE AND BASE MATERIAL SHALL FOLLOW AS CLOSELY AS POSSIBLE BEHIND EXCAVATION OPERATIONS. THE LENGTH OF WIDENING TRENCH WHICH IS OPEN AT ANY ONE TIME SHALL BE HELD TO A MINIMUM AND SHALL AT ALL TIMES BE SUBJECT TO APPROVAL OF THE ENGINEER.

OVERNIGHT TRENCH CLOSING

THE BASE WIDENING SHALL BE COMPLETED TO A DEPTH OF NO MORE THAN 3 INCHES BELOW THE EXISTING PAVEMENT BY THE END OF EACH WORK DAY. NO TRENCH SHALL BE LEFT OPEN OVERNIGHT EXCEPT FOR A SHORT LENGTH (25 FEET OR LESS) OF A WORK SECTION AT THE END OF THE TRENCH. IN CASE WORK MUST BE SUSPENDED BECAUSE OF INCLEMENT WEATHER OR OTHER REASONS, THE TRENCH FOR THE UNCOMPLETED BASE WIDENING SHALL BE BACKFILLED AT THE DIRECTION OF THE ENGINEER.

NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE 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.

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 DRIVEABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

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

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

ALTERNATE MAINTENANCE OF TRAFFIC PLANS

IF THE CONTRACTOR SO ELECTS, HE MAY SUBMIT ALTERNATE METHODS FOR THE MAINTENANCE OF TRAFFIC, PROVIDED THE INTENT OF THE ABOVE PROVISIONS IS FOLLOWED AND NO ADDITIONAL INCONVENIENCE TO THE TRAVELING PUBLIC RESULTS FROM THIS. NO ALTERNATE PLANS SHALL BE PLACED IN EFFECT UNTIL APPROVAL HAS BEEN GRANTED IN WRITING BY THE ODOT DISTRICT CONSTRUCTION ENGINEER.

RESTRICTIONS

- 1. PHASE 1 AND PHASE 2 MAY BE CONSTRUCTED CONCURRENTLY.
- 2. PHASE 4 SHALL NOT BEGIN UNTIL PHASE 3 IS COMPLETE AND THE PROPOSED SIGNAL AT THE SOUTH SANDUSKY STREET / MULBERRY STREET IS INSTALLED AND FULLY OPERATIONAL.
- 3. PHASE 4 SHALL BE COMPLETE BEFORE RESURFACING IN PHASE 5 BEGINS.

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153

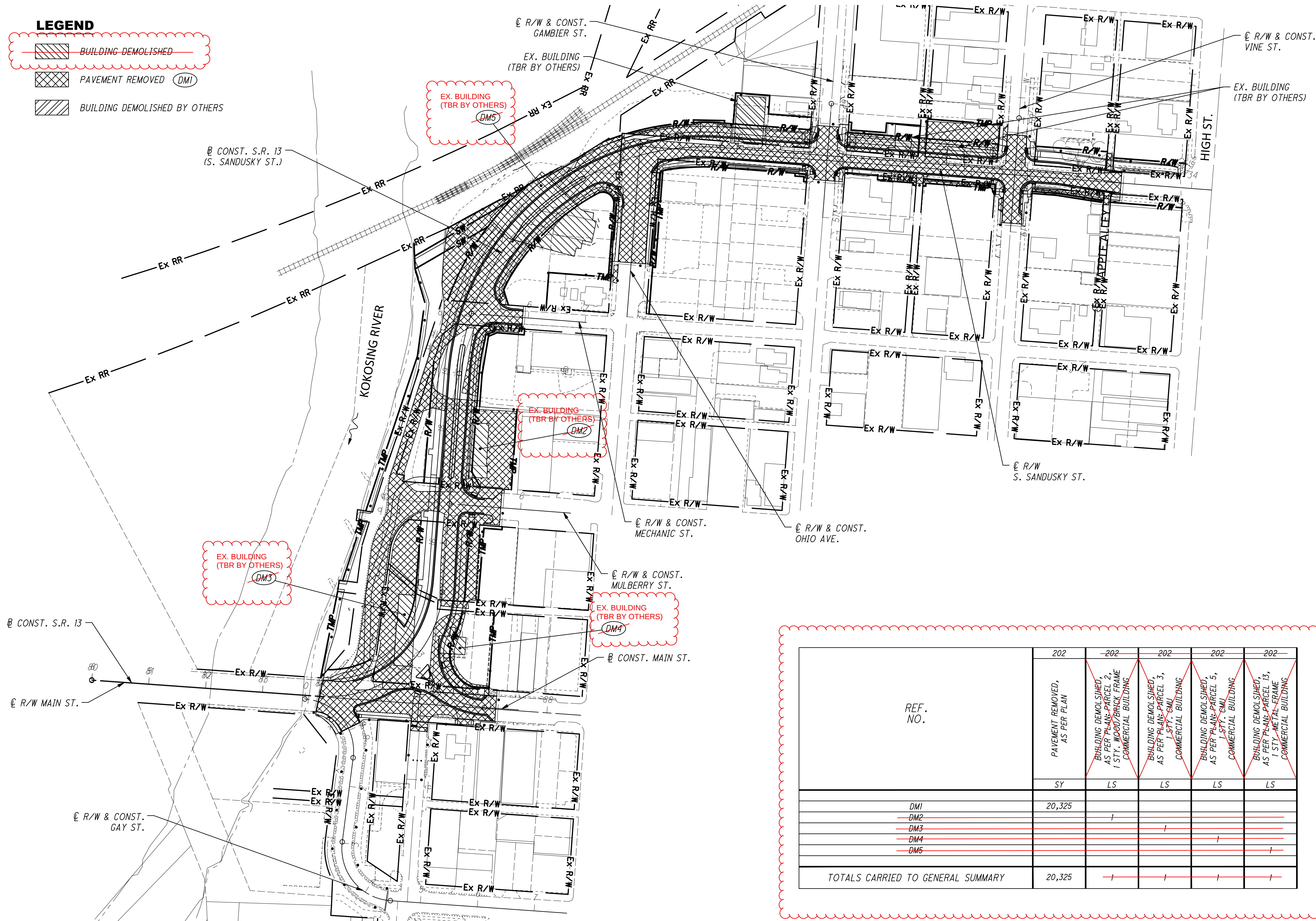
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LEGEND

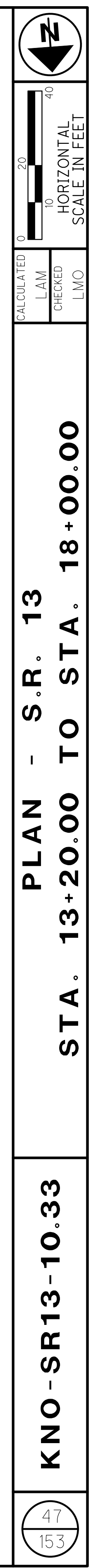
BUILDING DEMOLISHED

PAVEMENT REMOVED (DM1)

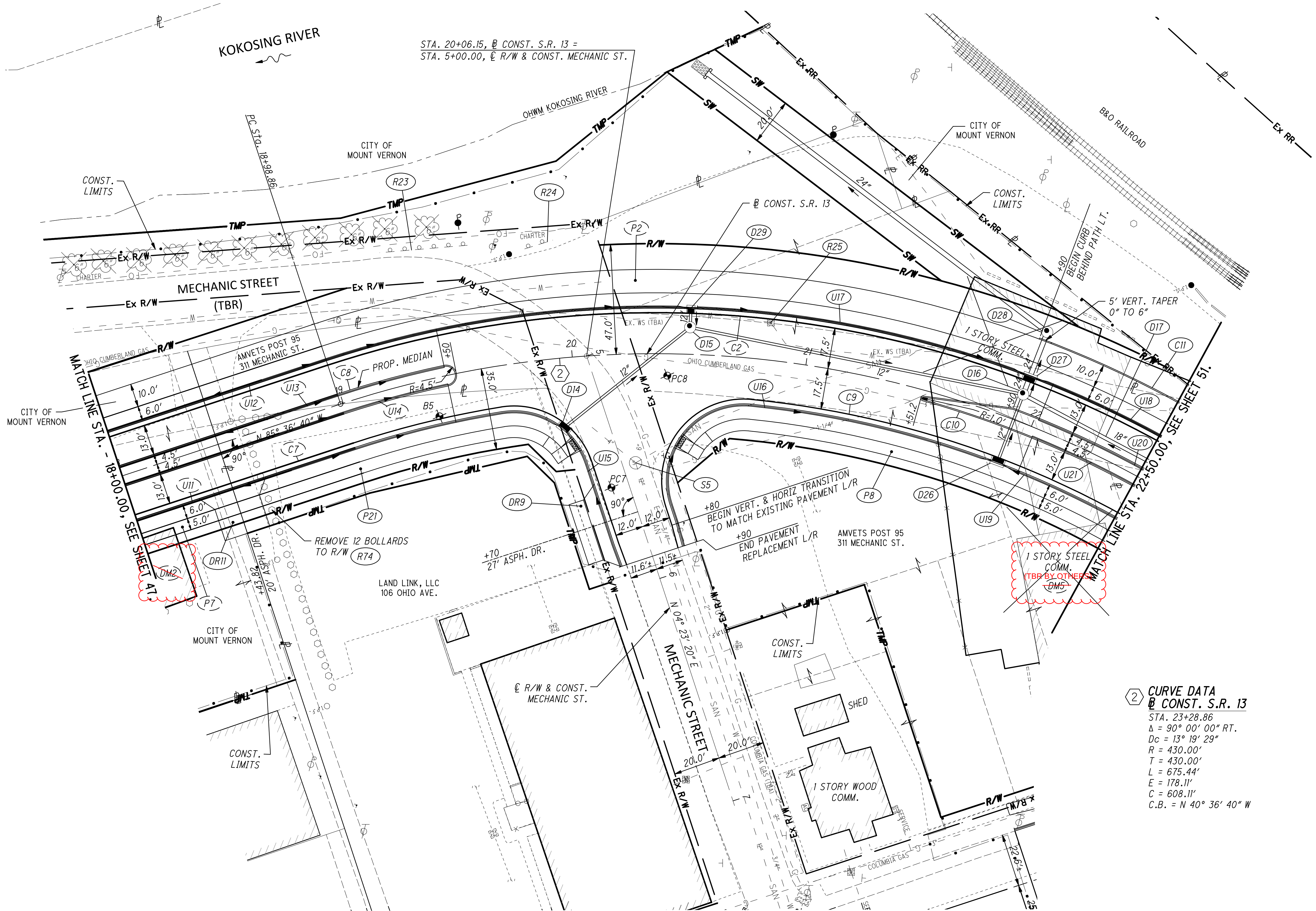
BUILDING DEMOLISHED BY OTHERS



REF. NO.	202	202	202	202	202
	PAVEMENT REMOVED, AS PER PLAN	BUILDING DEMOLISHED, AS PER PLAN-PARCEL 2, 1 STY. WOOD/BRICK FRAME COMMERCIAL BUILDING	BUILDING DEMOLISHED, AS PER PLAN-PARCEL 3, 1 STY. CMU COMMERCIAL BUILDING	BUILDING DEMOLISHED, AS PER PLAN-PARCEL 5, 1 STY. CMU COMMERCIAL BUILDING	BUILDING DEMOLISHED, AS PER PLAN-PARCEL 13, 1 STY. METAL-FRAME COMMERCIAL BUILDING
	SY	LS	LS	LS	LS
DM1	20,325				
DM2		1			
DM3			1		
DM4				1	
DM5					1
TOTALS CARRIED TO GENERAL SUMMARY	20,325	1	1	1	1



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STA. 20+06.15, @ CONST. S.R. 13 =
STA. 5+00.00, @ R/W & CONST. MECHANIC ST.

FOR ROADWAY PROFILES, SEE SHEET 50.
FOR INTERSECTION DETAIL, SEE SHEET 80
FOR STORM SEWER PROFILES, SEE SHT. 87-90



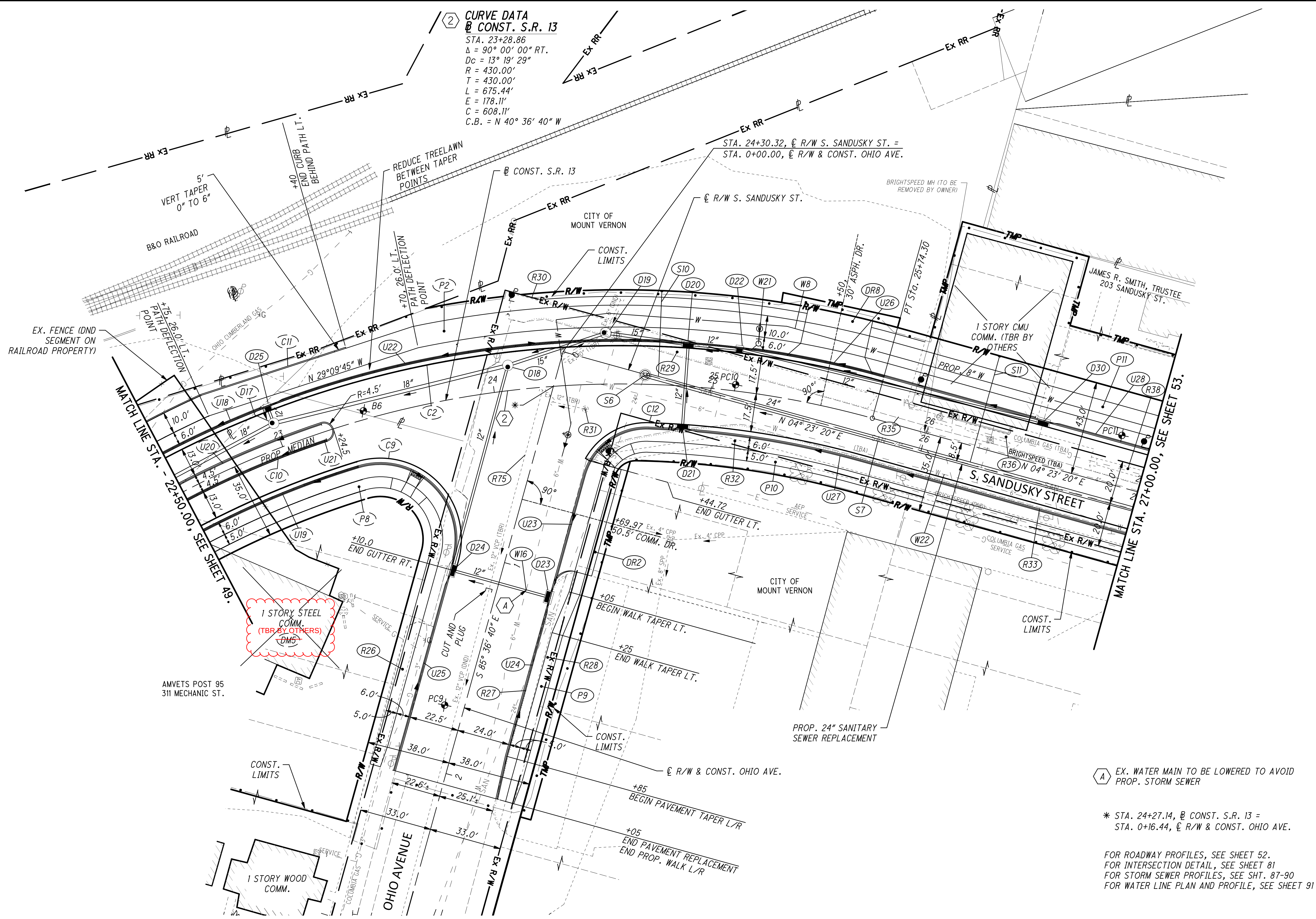
CALCULATED
L.M.
CHECKED
L.M.O.

PLAN - S.R. 13
STA. 18+00.00 TO STA. 22+50.00

KNO-SR13-10.33

49
153

2 CURVE DATA
@ CONST. S.R. 13
STA. 23+28.86
 $\Delta = 90^\circ 00' 00''$ RT.
 $D_c = 13^\circ 19' 29''$
 $R = 430.00'$
 $T = 430.00'$
 $L = 675.44'$
 $E = 178.11'$
 $C = 608.11'$
C.B. = N $40^\circ 36' 40''$ W



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