

PROJECT DATA

THE US-23 (SIGNS NO.1 AND NO.2) ARE DESIGNED TO PROVIDE BETTER GUIDANCE TO DRIVERS, AND REPLACE FOUR CANTILEVER SIGNS.

THE I-70 (SIGN NO.3) AND US-33 (SIGN NO.4) GUIDE SIGN TRUSSES ARE DESIGNED TO REPLACE EXISTING TRUSSES THAT WERE DAMAGED. SIGNCAD FILES ARE AVAILABLE FOR FABRICATION.

UTILITIES

LISTED BELOW ARE SPECIFIC UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

<p>CITY OF COLUMBUS - DIVISION OF POWER 3500 INDIANOLA AVENUE COLUMBUS, OHIO 43214 CHARLES HORNER 614-645-7569 CRHORNER@COLUMBUS.GOV</p>	<p>CITY OF COLUMBUS DEPARTMENT OF TECHNOLOGY 1355 MCKINLEY AVENUE BUILDING C COLUMBUS, OH 43222 CONTRACTOR LINE: (614) 645-7756</p>
<p>CITY OF COLUMBUS - DIVISION OF WATER 910 DUBLIN ROAD COLUMBUS, OHIO 43215 614-645-8276 UTILITY LEADREP@COLUMBUS.GOV</p>	<p>CITY OF COLUMBUS SUPPORT SERVICES DIVISION - COMMUNICATIONS 4211 GROVES ROAD COLUMBUS, OH 43232 TELEPHONE: (614) 724-7047 RADIO ROOM: (614) 724-4006</p>
<p>CITY OF COLUMBUS DEPARTMENT OF PUBLIC SERVICE TRAFFIC MANAGEMENT 1820 EAST 17TH AVENUE COLUMBUS, OH 43219 OFFICE: (614) 645-7393</p>	

CLEARING AND GRUBBING

1 04/22/25

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

SURVEYING PARAMETERS - OHIO STATE PLANE

PRIMARY PROJECT CONTROL MONUMENTS HAVE NOT BEEN PROVIDED AS ALL WORK SHALL BE DONE USING GPS EQUIPMENT.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL

POSITIONING METHOD: VRS
MONUMENT TYPE: N/A

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAD88
GEOID: GEOID18

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD83(2011)
ELLIPSOID: WGS84
COORDINATE SYSTEM: OHIO SOUTH 3402
MAP PROJECTION: LAMBERT CONFORMAL CONIC
PROJECT ADJUSTMENT FACTOR: 0.99995790632162
ORIGIN OF COORDINATE SYSTEM: 0,0,0

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

UNITS ARE IN U.S. SURVEY FEET.

1 04/22/25

PERMITS

THE CONTRACTOR IS TO OBTAIN ALL NECESSARY PERMITS. AN ORIGINAL PERMIT WITH RED SIGNATURES SHALL BE KEPT ONSITE AT ALL TIMES.

WHEN EXCAVATING WITHIN COLUMBUS PUBLIC RIGHT OF WAY LIMITS, THE CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM THE CITY OF COLUMBUS, DEPARTMENT OF PUBLIC SERVICE - PERMIT OFFICE BETWEEN THE HOURS OF 7:30 AM AND 4:00 PM MONDAY THROUGH FRIDAY. PHONE: (614) 645-7497; FAX: (614) 645-1876
EMAIL: colpermits@columbus.gov

SIGN NO. 4 PAINT COLOR

SIGN NO. 4 PAINT COLOR SHALL BE FEDERAL SPECIFICATION 595C COLOR #20040, DUBLIN BRONZE, AS APPROVED BY THE CITY ENGINEER. THIS WILL BE PAID FOR UNDER:

630 OVERHEAD SIGN SUPPORT, TYPE TC-15.116, DESIGN 2, AS PER PLAN

REPAIR DISTURBED AREAS

THE FOLLOWING ITEM SHALL BE USED FOR SEEDING AND MULCHING DISTURBED AREAS.

ITEM 832 EROSION CONTROL 3,000 EACH

FOR COLUMBUS DIVISION OF WATER

THE DIVISION OF WATER (DOP) HAS 16" WATERLINES IN THE VICINITY OF THE US-23 SIGNS. A MINIMUM OF 3 FEET OF HORIZONTAL CLEARANCE (OUT TO OUT) SHALL BE MAINTAINED BETWEEN ALL EXISTING WATER MAINS AND FOUNDATIONS FOR POLES, PULL BOXES, PUSH BUTTON PEDESTALS, AND ANY OTHER MISCELLANEOUS ELECTRICAL STRUCTURE. FOR ANY EMERGENCIES INVOLVING THE WATER DISTRIBUTION SYSTEM, PLEASE CONTACT THE DIVISION OF WATER DISTRIBUTION MAINTENANCE OFFICE AT 614-645-7788.

FOR COLUMBUS DIVISION OF POWER

THE DIVISION OF POWER (DOP) HAS UNDERGROUND PRIMARY, SECONDARY, AND STREET LIGHTING ON US-23 ONLY. THE CONTRACTOR IS HEREBY REQUIRED TO CONTACT OUPS AT 811 OR 1-800-362-2764 FORTY-EIGHT HOURS PRIOR TO CONDUCTING ANY ACTIVITY WITHIN THE CONSTRUCTION AREA.

ANY REQUIRED RELOCATION, SUPPORT, PROTECTION, OR ANY OTHER ACTIVITY CONCERNED WITH THE CITY'S ELECTRICAL FACILITIES IN THE CONSTRUCTION AREA IS TO BE PERFORMED BY THE CONTRACTOR UNDER THE DIRECTION OF DOP PERSONNEL AND AT THE EXPENSE OF THE PROJECT. DOP SHALL MAKE ALL FINAL CONNECTIONS TO DOP'S EXISTING ELECTRICAL SYSTEM AT THE EXPENSE OF THE PROJECT. THE CONTRACTOR SHALL USE MATERIAL AND MAKE REPAIRS TO A CITY OF COLUMBUS STREET LIGHTING SYSTEM BY FOLLOWING DOP'S "MATERIAL AND INSTALLATION SPECIFICATIONS" (MIS) AND THE CITY OF COLUMBUS "CONSTRUCTION AND MATERIAL SPECIFICATIONS" (CMSC). ANY NEW OR RE-INSTALLED UNDERGROUND STREETLIGHT SYSTEM SHALL REQUIRE TESTING AS REFERRED TO IN SECTION 1000.18 OF THE CMSC MANUAL. THE CONTRACTOR SHALL CONFORM TO DOP'S EXISTING STREET LIGHT LOCKOUT/TAGOUT (LOTO) PROCEDURE, MIS-1, COPIES OF WHICH ARE AVAILABLE FROM DOP.

IF ANY ELECTRIC FACILITY BELONGING TO DOP IS DAMAGED IN ANY MANNER BY THE CONTRACTOR, ITS AGENTS, SERVANTS, OR EMPLOYEES, AND REQUIRES EMERGENCY REPAIRS, THE DOP DISPATCH OFFICE SHOULD BE CONTACTED IMMEDIATELY AT (614) 645-7627. DOP SHALL MAKE ALL NECESSARY REPAIRS, AND THE EXPENSE OF SUCH REPAIRS AND OTHER RELATED COSTS SHALL BE PAID BY THE CONTRACTOR TO THE DIVISION OF POWER, CITY OF COLUMBUS, OHIO.

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

CORPORATION LIMITS

ENTER COC AT SLM 23.152
EXIT COC AT SLM 23.612 LT
EXIT COC AT SLM 23.681 RT

PROJECT FUNDING DATA

SPLIT #	CATEGORY	IMPROVEMENT CODE	PLAN SPLIT CODE	DESCRIPTION
1	SAFETY	21 - SAFETY	01/SAF/21	ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF SIGN TRUSSES ON US23.
2	INTERSTATE	24 - TRAFFIC MANAGEMENT ENGINEERING - HOV	02/IMS/24	ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF SIGN TRUSSES ON IR-70.
3	INTERSTATE	24 - TRAFFIC MANAGEMENT ENGINEERING - HOV	03/IMS/24	ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF SIGN TRUSS ON THE US-33 RAMP AT I-270.

REMOVAL OF OVERHEAD SIGN FOUNDATIONS AT US-33 AND I-70

THE EXISTING TRUSSES AND OVERHEAD SIGNS HAVE BEEN REMOVED. THE EXISTING FOUNDATIONS ARE TO BE REMOVED AS PER 603.12 AND PAID FOR UNDER THE FOLLOWING ITEM:

ITEM 630 - REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, AS PER PLAN - PER EACH

LANE VALUE CONTRACT TABLE						
SECTION (SLM)	Existing Number of Lanes per Direction	Lane closures are NOT permitted				Disincentive Amounts per minute per lane
		Lane Reduction	Mon to Fri	Sat	Sun	
FRA-23						
Wilson Bridge Road (22.60) to I-270 (23.62)	2	2 to 1	5AM-9PM	7AM-9PM	7AM-9PM	\$180
I-270 (23.00) To Flint Rd (23.62)	4	4 to 3	5AM-8PM	7AM-8PM	7AM-8PM	\$195
		4 to 2	5AM-9PM	7AM-8PM	7AM-8PM	\$195
		4 to 1	5AM-10PM	7AM-9PM	7AM-9PM	\$195
Flint Road (23.62) to Delaware County Line (24.65)	3	3 to 2	5AM-9PM	7AM-8PM	7AM-8PM	\$165
		2 to 1	5AM-10PM	7AM-9PM	7AM-8PM	\$165
Short term shoulder closures are NOT permitted 6AM-9AM and 3PM-6PM Monday-Friday						

LANE VALUE CONTRACT TABLE						
FRA-33						
SECTION (SLM)	Existing Number of Lanes per Direction	Lane closures are NOT permitted				Disincentive Amounts per minute per lane
		Lane Reduction	Mon to Fri	Sat	Sun	
Avery-Muirfield Rd (1.31) to I-270 (2.57)	3	3 to 2	6AM TO 7PM	10AM-7PM	10AM-7PM	\$75
		3 to 1	5AM TO 9PM	8AM-9PM	8AM-9PM	\$75
Short term shoulder closures are NOT permitted 5AM-9AM and 3PM-6PM Monday-Friday						

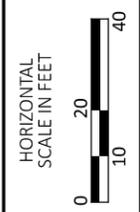
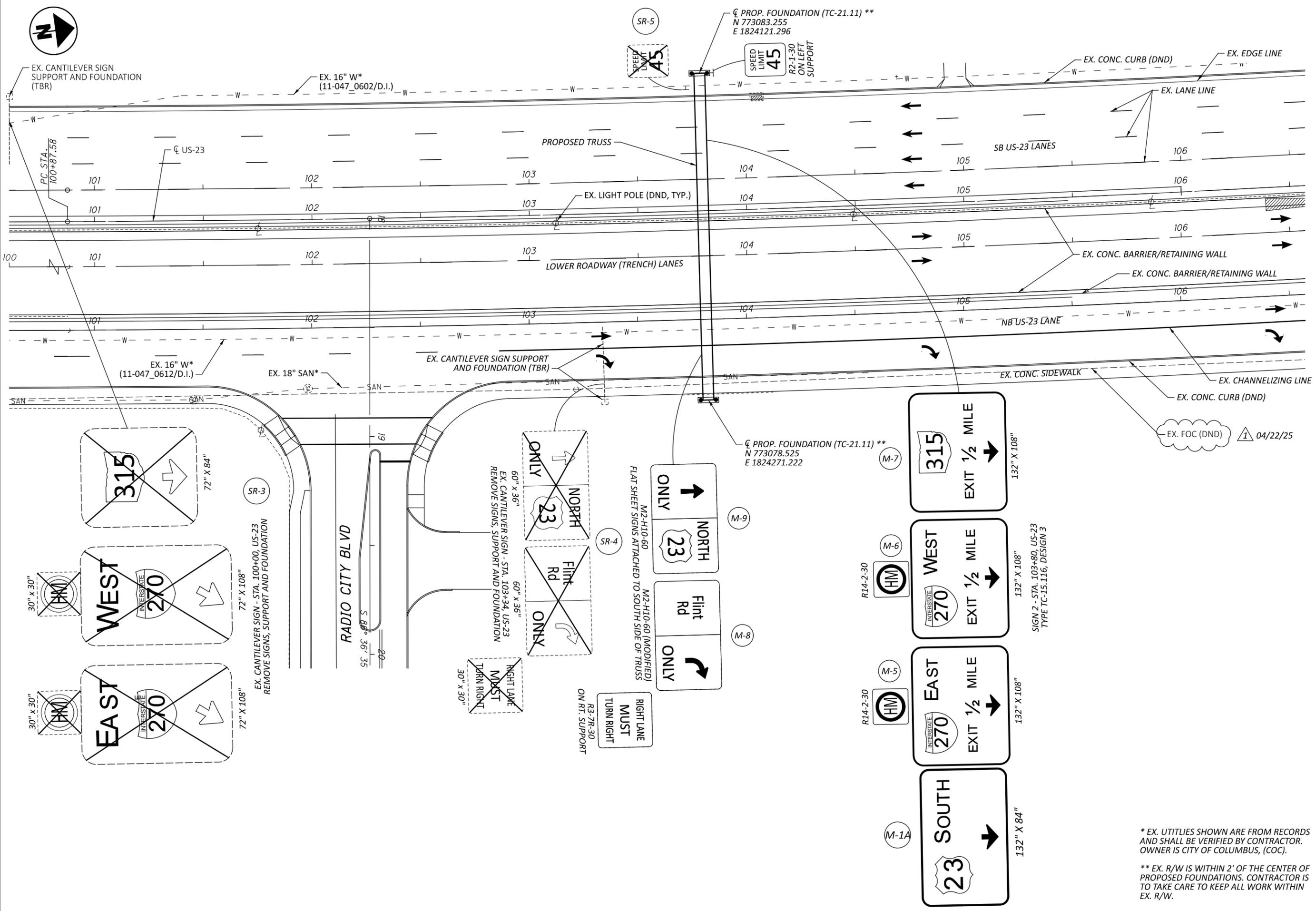
LANE VALUE CONTRACT TABLE						
SECTION (SLM)	Existing Number of Lanes per Direction	Lane closures are NOT permitted				Disincentive Amounts per minute per lane
		Lane Reduction	Mon to Fri	Sat	Sun	
FRA-70						
HILLIARD TO ROME ROAD (4.68) TO I-270 (WEST) (6.78)	3	3 to 2	5AM-7PM	3PM-7PM	3PM-6PM	\$370
		3 to 1	5AM-10PM	6AM-9PM	6AM-11PM	\$370
At I-270 (6.78 to 7.29)	2	2 to 1	5AM-11PM	6AM-9PM	6AM-11PM	\$555
Short term shoulder closures are permitted any time except 5AM-9AM and 3PM-6PM Monday-Friday						

GENERAL NOTES

FRA-23/VAR-23.26/VAR-SIGN

MODEL: Sheet PAPER SIZE: 17x11 (in.) DATE: 4/22/2025 TIME: 7:07:03 AM USER: MKoehnen p:\insgus-ncp-wbentley.com\msg-us-ncp-w-01\Documents\Projects\DOT117442404E\Engineering\Roadway\Sheets\117442_GN001.dgn

DESIGN AGENCY	
DESIGNER	JSB
REVIEWER	RLS
PROJECT ID	01/27/25
SHEET	122407
TOTAL	13



SIGN NO. 2 - SIGNING PLAN
US-23

DESIGN AGENCY	
DESIGNER	JSB
REVIEWER	RLS
PROJECT ID	01/27/25
SHEET	122407
TOTAL	P.7
	13

* EX. UTILITIES SHOWN ARE FROM RECORDS AND SHALL BE VERIFIED BY CONTRACTOR. OWNER IS CITY OF COLUMBUS, (COC).
 ** EX. R/W IS WITHIN 2' OF THE CENTER OF PROPOSED FOUNDATIONS. CONTRACTOR IS TO TAKE CARE TO KEEP ALL WORK WITHIN EX. R/W.