

STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION

**HAM-U.S. 27-10.18  
SIDEWALKS**

**GREEN TOWNSHIP  
HAMILTON COUNTY**

**PROJECT DESCRIPTION**

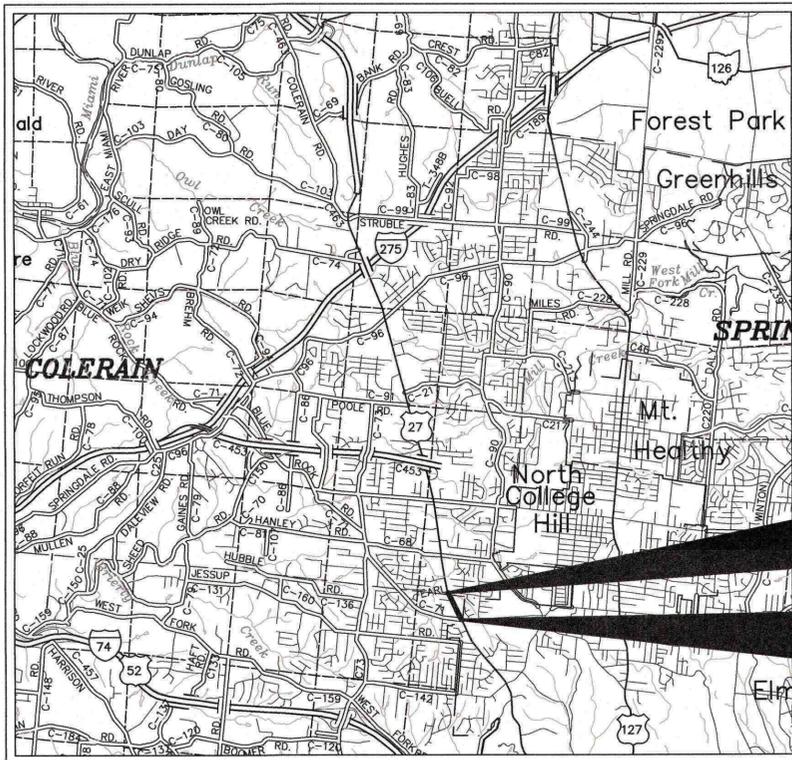
REPLACING CURB & INSTALLATION OF 8' SIDEWALK  
BEHIND CURB ON BOTH SIDES OF COLERAIN AVE.

**EARTH DISTURBED AREAS**

PROJECT EARTH DISTURBED AREA: 1.65  
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.125  
NOTICE OF INTENT EARTH DISTURBED AREA: 1.775

**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.



LOCATION MAP

SCALE: 1" = 1 MILE

LATITUDE: 39°12'12" N

LONGITUDE: 84°34'53" W

**PORTION TO BE IMPROVED**

INTERSTATE & DIVIDED HIGHWAY

UNDIVIDED STATE & FEDERAL ROUTES

OTHER ROADS

**DESIGN DESIGNATION**

CURRENT ADT (2024).....	23,463
DESIGN YEAR ADT (2044).....	28,600
DESIGN HOURLY VOLUME (2044).....	2,400
DESIGN SPEED.....	35 MPH
LEGAL SPEED.....	35 MPH
DESIGN FUNCTIONAL CLASSIFICATION.....	PRINCIPAL ARTERIAL

**DESIGN EXCEPTIONS**

NONE REQUIRED

**ADA DESIGN WAIVERS**

REQUIRED

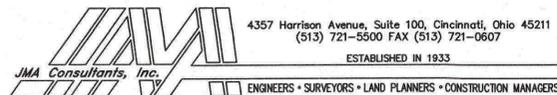
**UNDERGROUND UTILITIES**

Contact Two Working Days  
Before You Dig



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

PLAN PREPARED BY:



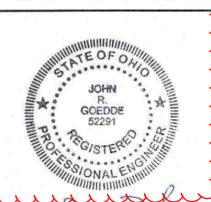
INDEX OF SHEETS:

TITLE	1
SCHEMATIC PLAN	2
TYPICAL SECTIONS	3
GENERAL NOTES	4
GENERAL & MAINTENANCE OF TRAFFIC NOTES	5
MOT PLANS	6-10
GENERAL SUMMARY	11-12
<b>SUBSUMMARIES:</b>	
ROADWAY	13
MAINTENANCE OF TRAFFIC MARKING	14
DRAINAGE	15
DRIVE	16
SIGN & PAVEMENT MARKING	17
EARTHWORK	18
<b>PROJECT SITE PLAN</b>	
PLAN & PROFILE	19
CROSS SECTIONS	20-23
DRIVEWAY PROFILES	24-40A
MISCELLANEOUS DETAILS	41-47
TRAFFIC CONTROL PLANS	48
CURB RAMP DETAILS	49-51
RIGHT OF WAY	52-54
	55-68

END PROJECT  
STA. 527+60

BEGIN PROJECT  
STA. 510+06

ENGINEERS SEAL:



SIGNED: *John R. Goedde*  
DATE: 03/01/2024

STANDARD CONSTRUCTION DRAWINGS

BP-3.1	1/19/24	DM-1.2	7/16/21
BP-4.1	7/19/13		
BP-5.1	7/15/22	CB-3	7/16/21
BP-7.1	1/19/24		
		MT-95.31	7/19/19
TC-41.20	10/18/13	MT-95.50	7/21/17
TC-41.30	4/21/23	MT-101.90	7/17/20
TC-42.20	10/18/13	MT-105.10	1/17/20
TC-52.20	1/15/21	MT-110.10	7/19/13
TC-74.10	7/21/23		

SUPPLEMENTAL SPECIFICATIONS

800	1/19/24
832	7/21/23
895	4/18/14
995	7/17/15

SPECIAL PROVISIONS

I HEREBY APPROVE THESE PLANS AND DECLARE THAT  
THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE  
THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT  
PROVISIONS FOR THE MAINTENANCE AND SAFETY WILL BE  
AS SET FORTH ON PLANS AND ESTIMATES.

DISTRICT DEPUTY DIRECTOR

*Tammy K. Campbell*  
Tammy K. Campbell, P.E.  
08

DIRECTOR, DEPARTMENT OF TRANSPORTATION

*John M. Roberts*

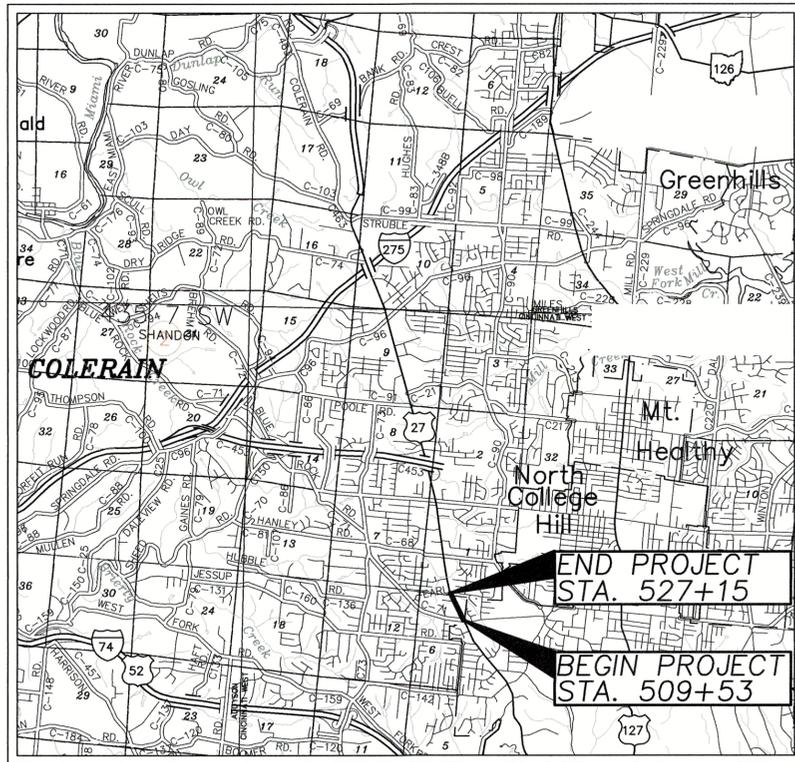
FEDERAL PROJECT NO.  
E210513

PID NO.  
113500

CONSTRUCTION PROJECT NO.

RAILROAD INVOLVEMENT  
NONE

HAM-U.S. 27-10.18



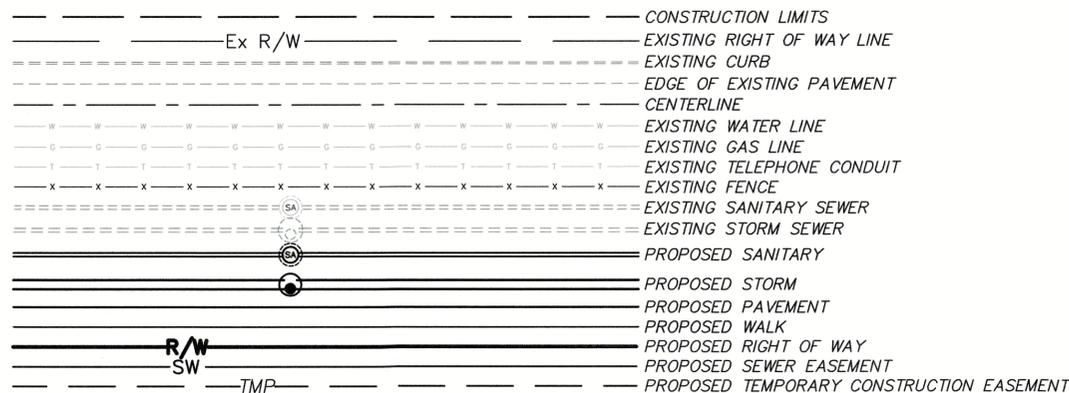
LOCATION MAP

SCALE: 1" = 1 MILE

LATITUDE: 39°12'12" N LONGITUDE: 84°34'53" W

CONVENTIONAL SYMBOLS

- |  |                         |  |                               |
|--|-------------------------|--|-------------------------------|
|  | EX. LIGHT POLE          |  | EX. TREE                      |
|  | EX. UTILITY POLE        |  | EX. BUSH                      |
|  | EX. POLE W/GUY ANCHOR   |  | EX. SANITARY MANHOLE          |
|  | EX. WATER VALVE CHAMBER |  | EX. STORM MANHOLE             |
|  | EX. WATER METER BOX     |  | EX. MANHOLE (ADJUST TO GRADE) |
|  | EX. FIRE HYDRANT        |  | PROP. SANITARY MANHOLE        |
|  | EX. WATER SERVICE BOX   |  | PROP. STORM MANHOLE           |
|  | EX. GAS SERVICE BOX     |  | PROP. CATCH BASIN             |
|  | EX. SIGN                |  |                               |



# RIGHT OF WAY LEGEND SHEET HAM-U.S. 27-10.18

HAMILTON COUNTY  
GREEN TOWNSHIP  
SECTION 6, TOWN 2, FR. RANGE 2

INDEX OF SHEETS:

- LEGEND SHEET..... 1
- CENTERLINE PLAT..... 2
- PROPERTY MAP..... 3
- SUMMARY OF ADDITIONAL R/W..... 4-6
- R/W TOPO & BOUNDARY..... 7-14

UTILITIES

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

**CABLE:**  
TIME WARNER CABLE COMMUNICATIONS  
4720 CREEK ROAD  
CINCINNATI, OHIO 45242  
TELEPHONE: 513-825-3154

**ELECTRIC:**  
DUKE ELECTRIC  
139 EAST 4TH STREET, ROOM 467A  
CINCINNATI, OHIO 45202  
TELEPHONE: 513-287-2454

**GAS:**  
DUKE GAS  
139 EAST 4TH STREET, ROOM 460A  
CINCINNATI, OHIO 45202  
TELEPHONE: 513-287-3636

**SANITARY SEWER:**  
METROPOLITAN SEWER DISTRICT  
1600 GEST STREET  
CINCINNATI, OHIO 45204  
TELEPHONE: 513-244-1355

**NOTES:**  
THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS OF THE UTILITY AS REQUIRED BY SEC. 153.64 O.R.C.

**STORM SEWER:**  
HAMILTON COUNTY PLANNING & DEVELOPMENT  
- STORMWATER & INFRASTRUCTURE  
138 E COURT STREET - ROOM 800  
CINCINNATI, OHIO 45202  
TELEPHONE: 513-946-4550

**HAMILTON COUNTY ENGINEER'S OFFICE**  
223 W. GALBRAITH ROAD  
CINCINNATI, OHIO 45215  
TELEPHONE: 513-946-8400

**TELEPHONE:**  
CINCINNATI BELL INC.  
201 E. FOURTH STREET  
CINCINNATI, OHIO 45202  
TELEPHONE: 513-344-7043

**WATERLINES:**  
GREATER CINCINNATI WATER WORKS  
4747 SPRING GROVE AVE.  
CINCINNATI, OH 45232  
TELEPHONE: 513-591-7700

PROJECT DESCRIPTION

INSTALL 8 FT. SIDEWALK ON BOTH SIDES OF COLERAIN AVENUE, BLUE ROCK ROAD TO EARL/BYRNESIDE DRIVE.

PROJECT CONTROL

OHIO STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1983(86). BASED ON GPS OBSERVATION UTILIZING THE OHIO DOT VRS RTK NETWORK. ALL DISTANCES ARE GROUND DISTANCES. PROJECT GRID FACTOR (INCLUDING SCALE AND ELEVATION FACTORS) IS 0.999940952.

PLANS PREPARED BY:

FIRM NAME: JMA CONSULTANTS, INC.  
R/W DESIGNER: JOHN R. GOEDDE  
R/W REVIEWER: MARTIN D. WEBSTER  
FIELD REVIEWER: JOHN R. GOEDDE  
PRELIMINARY FIELD REVIEW DATE:  
TRACINGS FIELD REVIEW DATE:  
OWNERSHIP UPDATED BY: MARTIN D. WEBSTER  
DATE COMPLETED: 03/03/2023  
PLAN COMPLETION DATE: 03/09/2023

LEGEND

WD = WARRANTY DEED  
WDV= WARRANTY DEED TO BE ACQUIRED IN THE NAME OF "STATE OF OHIO, DEPARTMENT OF TRANSPORTATION".  
T = TEMPORARY CONSTRUCTION EASEMENT  
TV = TEMPORARY CONSTRUCTION EASEMENT TO BE ACQUIRED IN THE NAME OF "STATE OF OHIO, DEPARTMENT OF TRANSPORTATION".

STRUCTURE KEY

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- 
- 

I, MARTIN D. WEBSTER, P.S., HAVE CONDUCTED A SURVEY OF THE EXISTING CONDITIONS FOR THE OHIO DEPARTMENT OF TRANSPORTATION IN JANUARY OF 2020. THE RESULTS OF THAT SURVEY ARE CONTAINED HEREIN. THE HORIZONTAL COORDINATES EXPRESSED HEREIN ARE BASED ON THE OHIO STATE PLANE COORDINATES SYSTEM, SOUTH ZONE, NAD 1983(86) BY GPS OBSERVATION UTILIZING THE OHIO DOT VRS RTK NETWORK. ALL DISTANCES ARE GROUND DISTANCES. PROJECT GRID FACTOR (INCLUDING SCALE AND ELEVATION FACTORS) IS 0.999940952. FURTHER MORE; I HAVE CALCULATED THE PROPOSED PROPERTY LINES, GROSS TAKE, PRESENT ROADWAY OCCUPIED (PRO), NET TAKE AND NET RESIDUE; AS WELL AS PREPARED THE LEGAL DESCRIPTIONS NECESSARY TO ACQUIRE THESE PARCELS AS SHOWN HEREIN. AS A PART OF THIS PROJECT I HAVE DETERMINED THE LOCATIONS OF THE EXISTING PROPERTY LINES FOR PROPERTY TAKES CONTAINED HEREIN. THE CENTERLINE MONUMENTATION CALLED FOR HEREIN WILL BE SET UNDER MY DIRECT SUPERVISION DURING THE CONSTRUCTION OF THIS PROJECT. THIS WORK WILL BE DONE IN ACCORDANCE WITH OAC 4733-37 AS CITED BELOW. ALL OF MY WORK CONTAINED HEREIN WAS CONDUCTED IN ACCORDANCE WITH OHIO ADMINISTRATIVE CODE 4733-37 COMMONLY KNOWN AS MINIMUM STANDARDS FOR BOUNDARY SURVEY IN THE STATE OF OHIO UNLESS SO NOTED. THE WORDS I AND MY AS USED HEREIN ARE TO MEAN THAT EITHER MYSELF OR SOMEONE WORKING FOR ME UNDER MY DIRECT CONTROL OR SUPERVISION.

MARTIN D. WEBSTER, P.S.  
OHIO PROFESSIONAL LAND SURVEYOR #7620

SURVEYORS SEAL:



SIGNED:   
DATE: 3/1/24

FEDERAL PROJECT NO.  
E 210513

PID NO.  
113500

R/W DESIGNER  
JRC  
R/W REVIEWER  
ELP

RIGHT OF WAY  
LEGEND SHEET

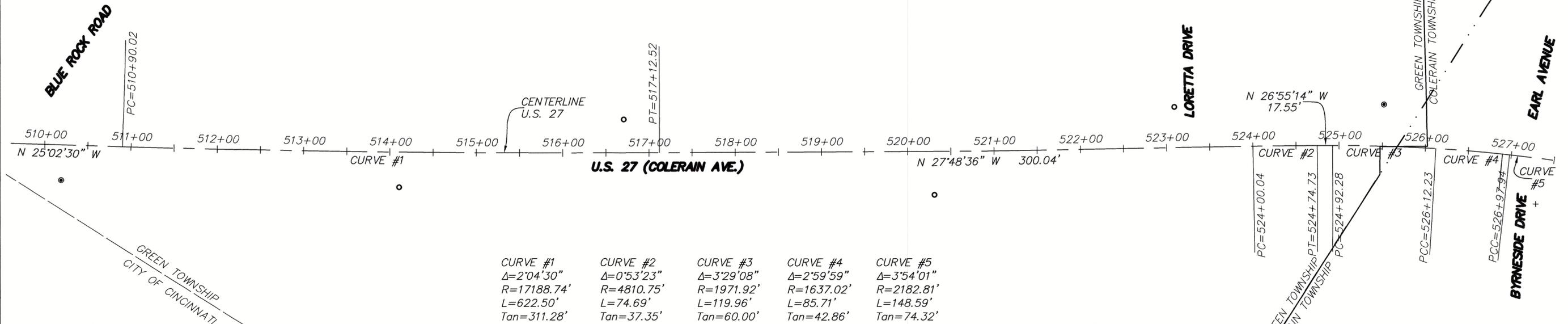
HAM-U.S. 27-10.18

1/14  
55  
68

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HAMILTON COUNTY  
GREEN TOWNSHIP  
SECTION 6, TOWN 2, FR. RANGE 2

BEARINGS ARE BASED ON THE OHIO STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1983(86), FROM GPS OBSERVATION UTILIZING THE OHIO DOT VRS RTK NETWORK. ALL DISTANCES ARE GROUND DISTANCES. PROJECT GRID FACTOR (INCLUDING SCALE AND ELEVATION FACTORS) IS 0.999940952.  
BASIS OF EXISTING R/W THE EXISTING R/W WIDTH AND LOCATION WERE DETERMINED FROM ODOT HAM 27-9.64, HAM 27-9.63, DEEDS AND PLATS OF RECORD.



CURVE #1	CURVE #2	CURVE #3	CURVE #4	CURVE #5
Δ=2°04'30"	Δ=0°53'23"	Δ=3°29'08"	Δ=2°59'59"	Δ=3°54'01"
R=17188.74'	R=4810.75'	R=1971.92'	R=1637.02'	R=2182.81'
L=622.50'	L=74.69'	L=119.96'	L=85.71'	L=148.59'
Tan=311.28'	Tan=37.35'	Tan=60.00'	Tan=42.86'	Tan=74.32'

HAMILTON COUNTY  
COLERAIN TOWNSHIP  
SECTION 1, TOWN 2, E. RANGE 1

MONUMENT TABLE

Q of PROP. R/W		PROJECT COORDINATES SEE SURVEY CERTIFICATION		MONUMENTS TO BE SET DURING CONSTRUCTION		R/W MON. EXPECTED TO BE DISTURBED	DESCRIPTION
STATION	OFFSET	NORTH (Y)	EAST (X)	MON. ASSY.	REF. MON.	R/W MON.	
510+20.00	40.93' RT	444318.0203	1379174.262			NO	SET MAG NAIL
514+10.98	40.41' RT	444671.4282	1379005.267			NO	SET PIN (JMA CONTROL)
516+70.96	38.53' LT	444868.7318	1378818.459			YES	SET PIN (JMA CONTROL)
520+30.63	50.30' RT	445229.2947	1378733.681			NO	SET PIN (JMA CONTROL)
523+09.49	46.90' LT	445431.5249	1378518.063			YES	SET PIN (JMA CONTROL)
525+50.39	48.13' LT	445647.1597	1378405.949			NO	SET MAG NAIL
527+34.96	52.99' RT	445855.9708	1378429.325			NO	SET X-NOTCH
TOTAL CARRIED TO GENERAL SUMMARY SHEET							

- MONUMENT LEGEND
- MAG NAIL SET
  - PROPOSED R/W MONUMENT
  - EXISTING R/W MONUMENT
  - 5/8" BAR SET WITH I.D. CAP
  - EXISTING IRON PIN/ P.K. NAIL FOUND
  - PROPOSED MONUMENT BOX
  - EXISTING MONUMENT BOX
  - R.R. SPIKE SET
  - R.R. SPIKE FOUND
  - △ BENCH MARK FOUND
  - + X NOTCH SET

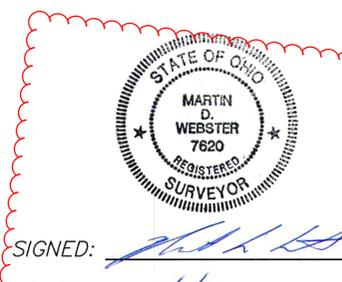
SETTING OF ALL MONUMENTS SHALL BE PERFORMED BY A SURVEYOR REGISTERED IN THE STATE OF OHIO. THE MONUMENT ASSEMBLIES AND REFERENCE MONUMENTS WILL BE INSTALLED BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION. THE IRON PIN AND CAP (WHEN REQUIRED) ARE TO BE INSTALLED BY THE CONTRACTOR'S SURVEYOR.

CHANGES OR ALTERATIONS TO THE LOCATION OF ANY MONUMENTS SHOWN IN THIS TABLE, REQUIRE PRIOR APPROVAL FROM THE DISTRICT REAL ESTATE ADMINISTRATOR OF THE OHIO DEPARTMENT OF TRANSPORTATION. IN THE EVENT THAT CHANGES OR ALTERATIONS ARE APPROVED, A REVISED CENTERLINE PLAT WITH THE NEW LOCATIONS SHALL BE RECORDED IN THE APPLICABLE COUNTY RECORDS AND THE OHIO DEPARTMENT OF TRANSPORTATION. SPECIFICATIONS FOR MONUMENT ASSEMBLIES, REFERENCE MONUMENTS AND RIGHT OF WAY MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWING RM-1.1.

I, MARTIN D. WEBSTER, P.S., HAVE CONDUCTED A SURVEY OF THE EXISTING CONDITIONS FOR THE OHIO DEPARTMENT OF TRANSPORTATION IN JANUARY OF 2020. THE RESULTS OF THAT SURVEY ARE CONTAINED HEREIN. THE HORIZONTAL COORDINATES EXPRESSED HEREIN ARE BASED ON THE OHIO STATE PLANE COORDINATES SYSTEM, SOUTH ZONE, NAD 1983(86) BY GPS OBSERVATION UTILIZING THE OHIO DOT VRS RTK NETWORK. ALL DISTANCES ARE GROUND DISTANCES. PROJECT GRID FACTOR (INCLUDING SCALE AND ELEVATION FACTORS) IS 0.999940952. FURTHER MORE; I HAVE CALCULATED THE PROPOSED PROPERTY LINES, GROSS TAKE, PRESENT ROADWAY OCCUPIED (PRO), NET TAKE AND NET RESIDUE; AS WELL AS PREPARED THE LEGAL DESCRIPTIONS NECESSARY TO ACQUIRE THESE PARCELS AS SHOWN HEREIN. AS A PART OF THIS PROJECT I HAVE DETERMINED THE LOCATIONS OF THE EXISTING PROPERTY LINES FOR PROPERTY TAKES CONTAINED HEREIN. THE CENTERLINE MONUMENTATION CALLED FOR HEREIN WILL BE SET UNDER MY DIRECT SUPERVISION DURING THE CONSTRUCTION OF THIS PROJECT. THIS WORK WILL BE DONE IN ACCORDANCE WITH OAC 4733-37 AS CITED BELOW. ALL OF MY WORK CONTAINED HEREIN WAS CONDUCTED IN ACCORDANCE WITH OHIO ADMINISTRATIVE CODE 4733-37 COMMONLY KNOWN AS MINIMUM STANDARDS FOR BOUNDARY SURVEY IN THE STATE OF OHIO UNLESS SO NOTED. THE WORDS I AND MY AS USED HEREIN ARE TO MEAN THAT EITHER MYSELF OR SOMEONE WORKING FOR ME UNDER MY DIRECT CONTROL OR SUPERVISION.

SURVEYORS SEAL:

SIGNED:   
DATE: 2/1/24



RECEIVED \_\_\_\_\_, 20\_\_\_\_  
RECORDED \_\_\_\_\_, 20\_\_\_\_  
BOOK \_\_\_\_\_ PAGE \_\_\_\_\_  
COUNTY RECORDER

  
MARTIN D. WEBSTER, P.S.  
OHIO PROFESSIONAL LAND SURVEYOR #7620

CENTERLINE PLAT

HAM-U.S. 27-10.18

2/14

56  
68

R/W DESIGNER: JRG  
R/W REVIEWER: ELP

PID NO. 113500

HORIZONTAL SCALE IN FEET