

**INDEX OF SHEETS:**

|                                |            |
|--------------------------------|------------|
| TITLE SHEET                    | P.1        |
| SCHEMATIC PLAN                 | P.2        |
| TYPICAL SECTIONS               | P.3-P.5    |
| GENERAL NOTES                  | P.6-P.7    |
| MAINTENANCE OF TRAFFIC         | P.8-P.11   |
| PLAN AND PROFILE SHEETS        | P.12 -P.20 |
| CROSS SECTION SHEETS           | P.21 -P.63 |
| DRIVEWAY DETAILS               | P.64 -P.65 |
| CURB RAMPS AND STAIRS DETAILS  | P.66 -P.68 |
| STORM SEWER PROFILE            | P.69 -P.70 |
| TRAFFIC CONTROL SHEETS         | P.71 -P.75 |
| TRAFFIC SIGNAL SHEET           | P.76       |
| LANDSCAPING PLAN SHEETS        | P.77 -P.80 |
| WALL DETAILS                   | P.81 -P.84 |
| STRUCTURES (OVER 20 FOOT SPAN) | P.85 -P.91 |
| HAM-COLUMBIA CONNECTOR         |            |

FEDERAL PROJECT NUMBER

E210 (519)

### RAILROAD INVOLVEMENT

NONE

### PROJECT DESCRIPTION

CONSTRUCTION OF A 0.7 MILE SHARED USE PATH FROM THE FUTURE MARIEMONT CONNECTOR PROJECT TO THE WESTERN TERMINUS OF THE EXISTING COLUMBIA CONNECTOR TRAIL JUST EAST OF WALTON CREEK. THE PROPOSED SHARED USE PATH WILL BE 12' WIDE. THE PROJECT INCLUDES A PROPOSED RETAINING WALL AND A NEW BRIDGE OVER WALTON CREEK SOUTH OF US 50.

EARTH DISTURBED AREAS

|                                            |            |
|--------------------------------------------|------------|
| PROJECT EARTH DISTURBED AREA:              | 3.02 ACRES |
| ESTIMATED CONTRACTOR EARTH DISTURBED AREA: | 0.20 ACRES |
| NOTICE OF INTENT EARTH DISTURBED AREA:     | 3.22 ACRES |

## 2023 SPECIFICATIONS

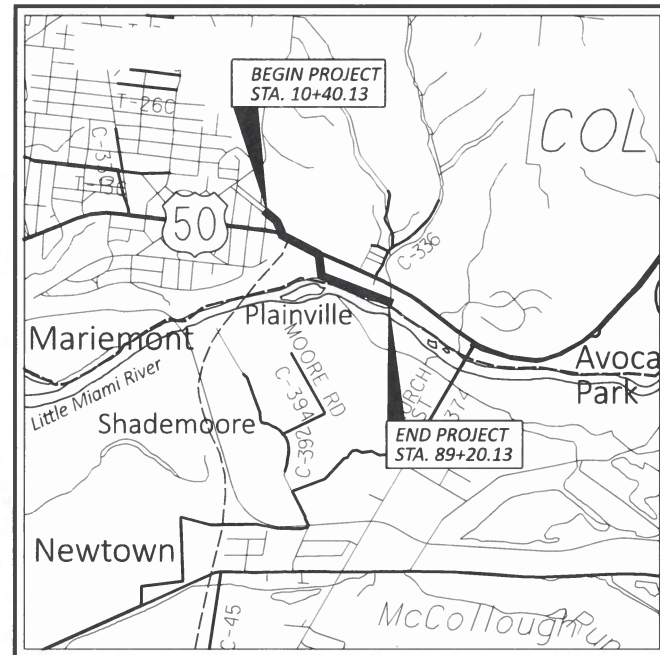
THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF  
TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN  
THE PLANS, CHANGES LISTED IN THE PROPOSAL, AND THE SUPPLEMENTAL  
SPECIFICATION 800 VERSION INDICATED ON THE PROPOSAL SHALL GOVERN

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 OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

Tammy K. Campbell, P.E.  
District 08 Deputy Director

Jack Marchbanks, PhD  
Director, Department of Transportation

# TITLE SHEET



### LOCATION MAP

LATITUDE: N 39°08'35"    LONGITUDE: 84°21'47" W



|                         |  |
|-------------------------|--|
| PORTION TO BE IMPROVED  |  |
| INTERSTATE HIGHWAY      |  |
| FEDERAL ROUTES          |  |
| STATE ROUTES            |  |
| COUNTY & TOWNSHIP ROADS |  |
| OTHER ROADS             |  |

| DESIGN | DESIGNATION | TRAIL | US 50 |
|--------|-------------|-------|-------|
|--------|-------------|-------|-------|

|                             |    |       |
|-----------------------------|----|-------|
| CURRENT ADT (2022)          |    | 20204 |
| OPENING YEAR ADT (2027)     |    | 21215 |
| DESIGN YEAR ADT (2045)      |    | 24851 |
| DESIGN HOURLY VOLUME (2045) |    | 2237  |
| DIRECTIONAL DISTRIBUTION    |    | 0.60  |
| TRUCKS (24 HOUR B&C)        |    | 0.03  |
| DESIGN SPEED                | 15 | 40    |
| LEGAL SPEED                 |    | 40    |

DESIGN FUNCTIONAL CLASSIFICATION: (04) URBAN MINOR ARTERIAL

NHS PROJECT NO

**DESIGN EXCEPTIONS** NONE

**ADA DESIGN WAIVERS** SEE SHEET P.67 TO P.68

**UNDERGROUND UTILITIES**  
Contact Two Working Days  
Before You Dig

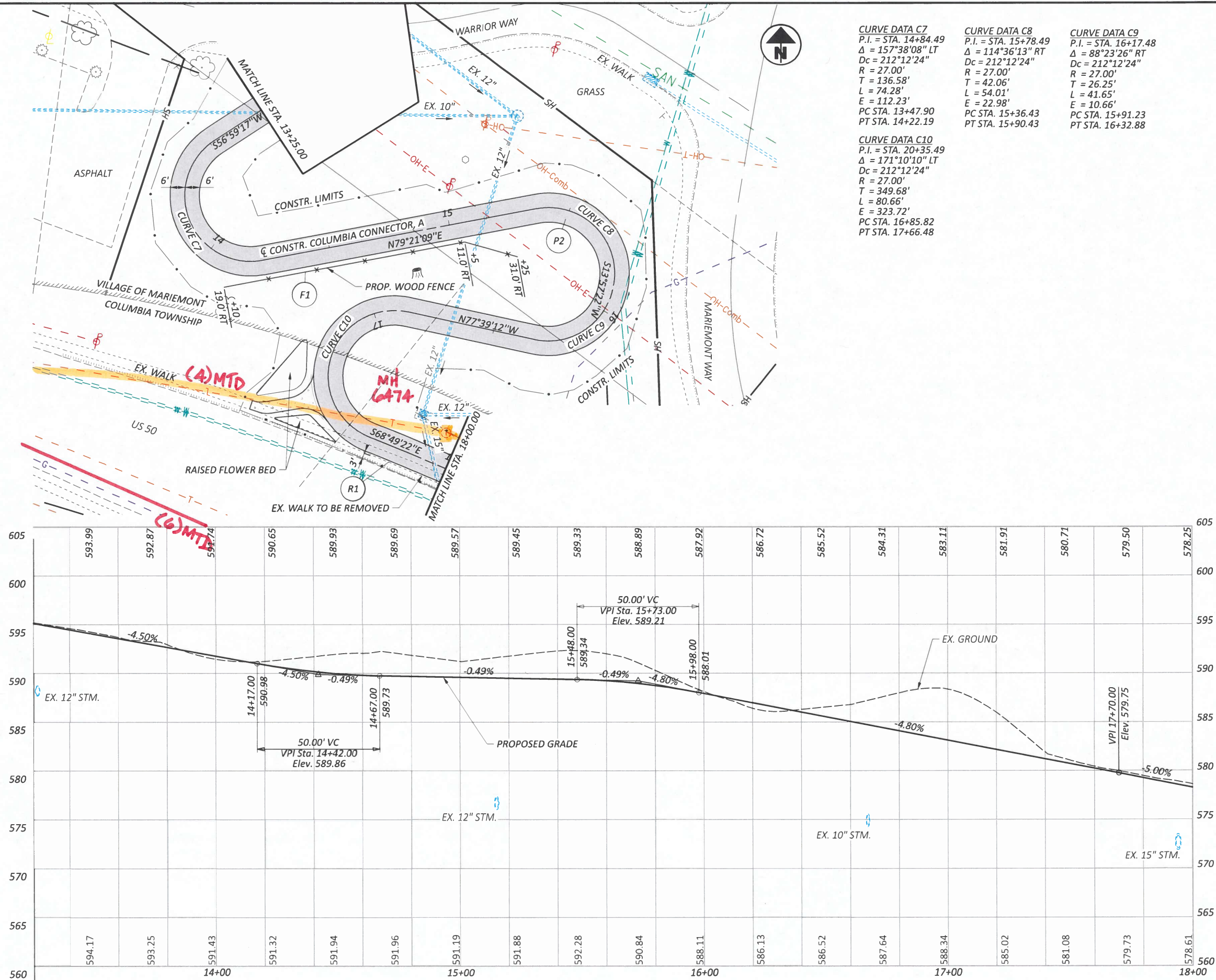
 **OHIO811.org**  
Before You Dig

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

PLAN PREPARED BY:

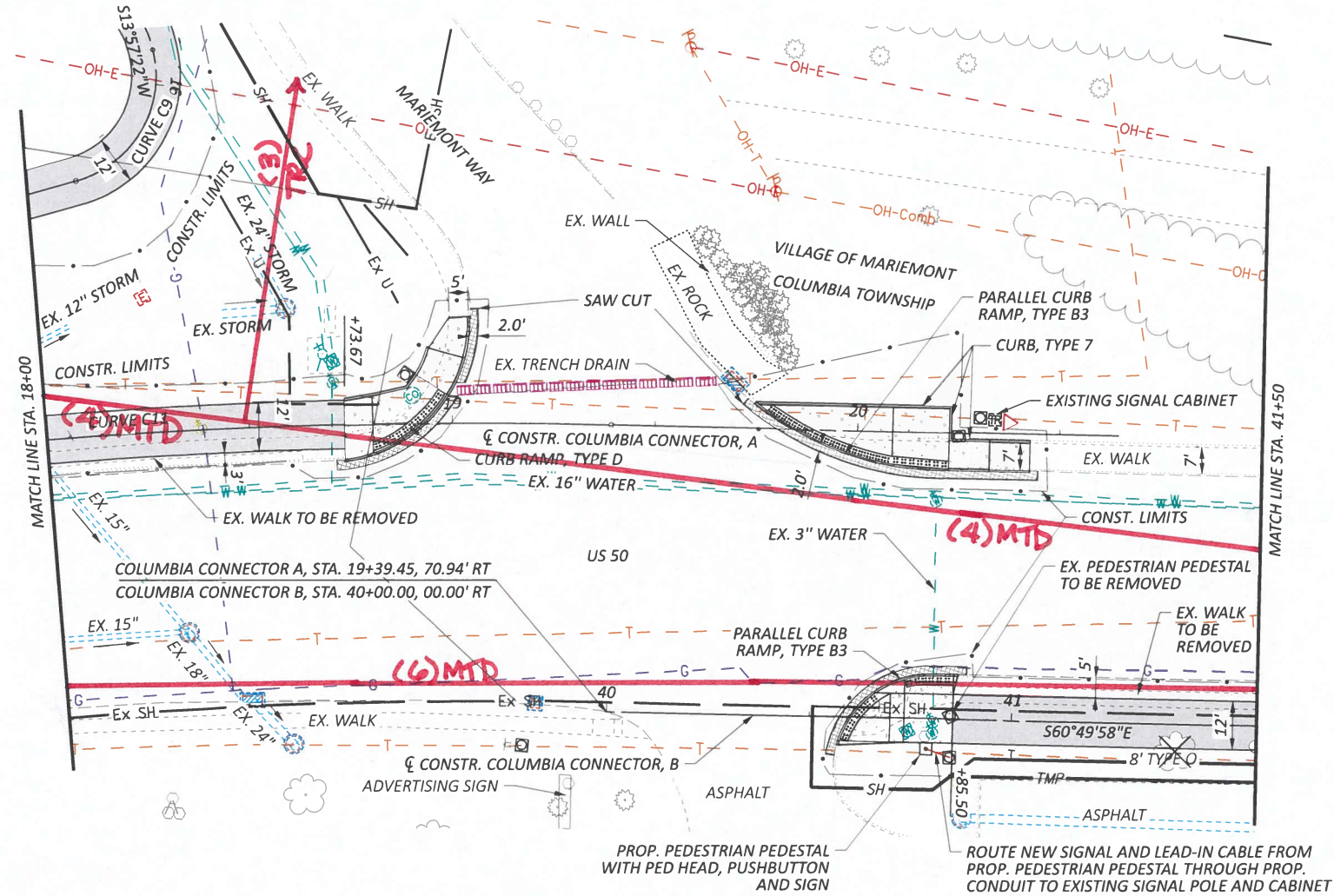
[illegible]

DESIGN AGENCY  
  
**Stantec**  
 10200 Alliance Road,  
 Suite 300  
 Cincinnati, OH 45242  
 (513) 842-8200  
 DESIGNER  
**ZTM**  
 REVIEWER  
**SNS 08-02-24**  
 PROJECT ID  
**114496**  
 SHEET TOTAL  
**P.1 | 91**



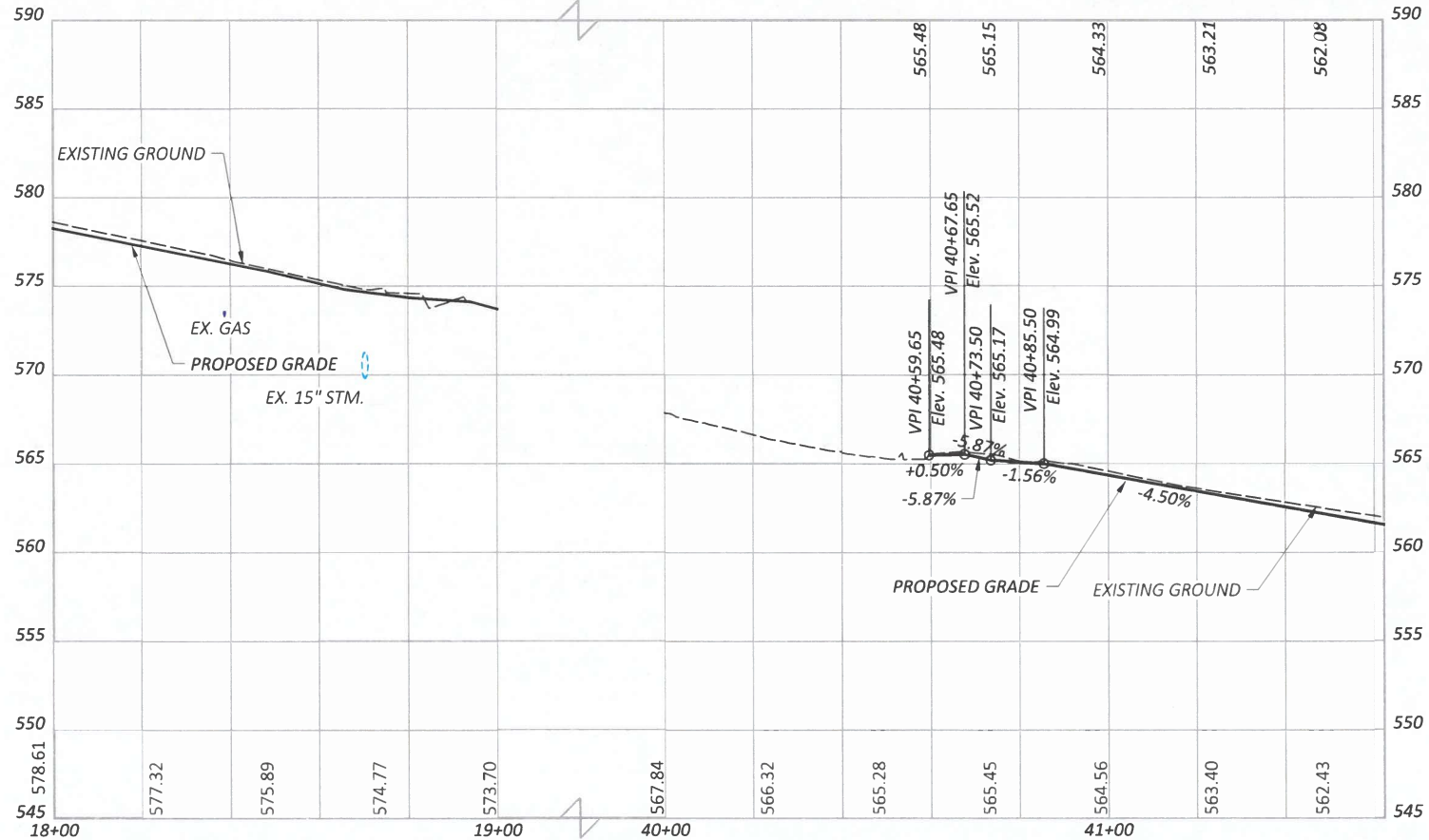
FOR CURB RAMP DETAILS, SEE SHEET P.66 TO P.68  
FOR LEGEND, SEE SHEET P.12

PLAN AND PROFILE  
STA. 13+00.00 TO STA. 18+00.00



**CURVE DATA C9**  
P.I. = STA. 16+17.48  
 $\Delta = 88^{\circ}23'26''$  RT  
 $D_c = 212'12'24''$   
 $R = 27.00'$   
 $T = 26.25'$   
 $L = 41.65'$   
 $E = 10.66'$   
PC STA. 15+91.23  
PT STA. 16+32.88

**CURVE DATA C11**  
P.I. = STA. 18+52.96  
 $\Delta = 07^{\circ}35'57''$  RT  
 $D_c = 04^{\circ}24'00''$   
 $R = 1,302.22'$   
 $T = 86.48'$   
 $L = 172.71'$   
 $E = 2.87'$   
PRC STA. 17+66.48  
PT STA. 19+39.19



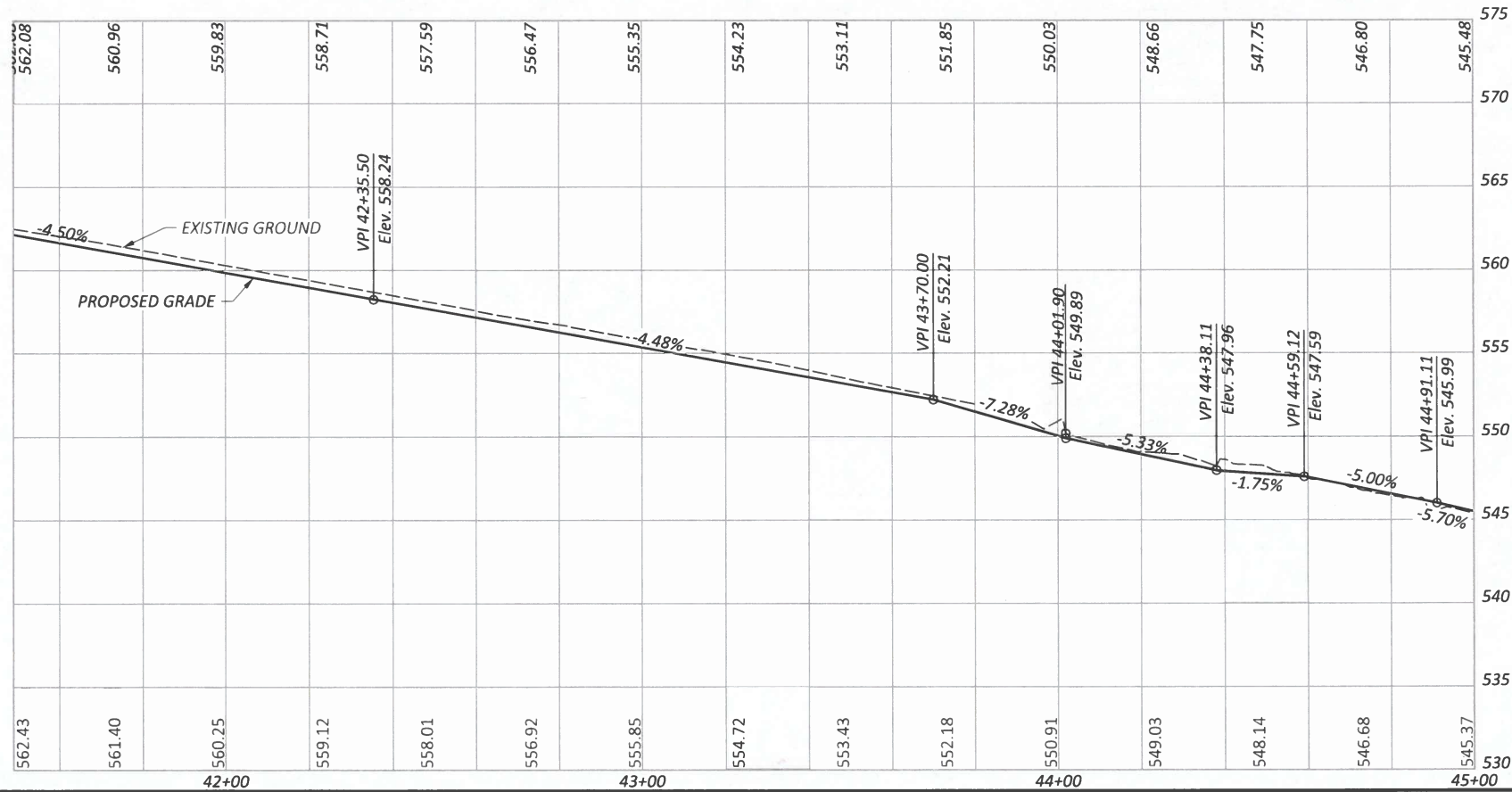
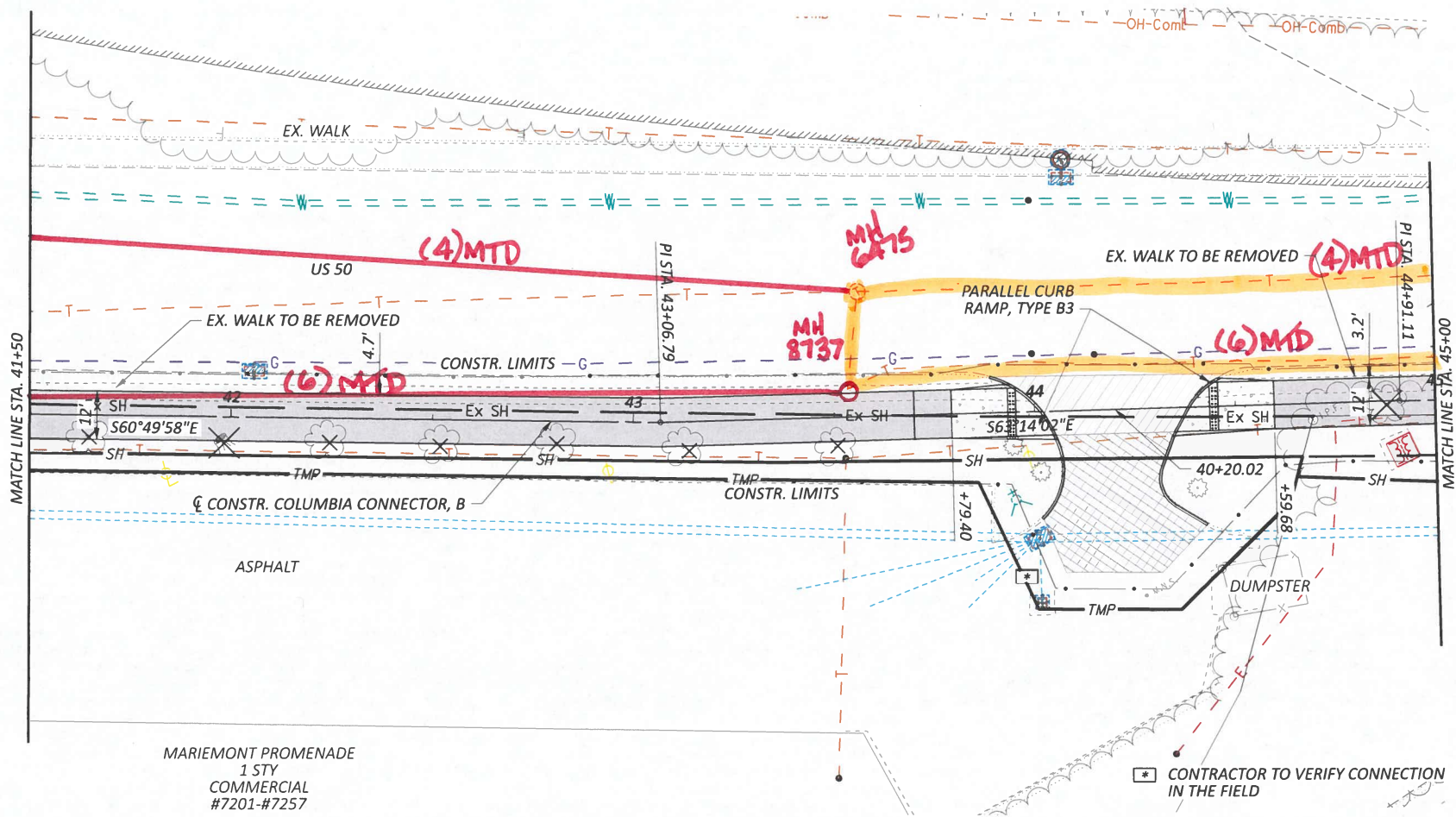
PLAN AND PROFILE  
STA. 18+00.00 TO STA. 41+50.00

|                                                                                                                                                                      |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| DESIGN AGENCY                                                                                                                                                        |       |
| <br>10200 Alliance Road,<br>Suite 300<br>Cincinnati, OH 45242<br>(513) 842-8200 |       |
| DESIGNER                                                                                                                                                             |       |
| ZTM                                                                                                                                                                  |       |
| REVIEWER                                                                                                                                                             |       |
| SNS 08-02-24                                                                                                                                                         |       |
| PROJECT ID                                                                                                                                                           |       |
| 114496                                                                                                                                                               |       |
| SHEET                                                                                                                                                                | TOTAL |
| P.14                                                                                                                                                                 | 91    |

FOR LEGEND, SEE SHEET P.12  
FOR CURB RAMP DETAILS, SEE SHEET P.66 TO P.68

HAM-COLUMBIA CONNECTOR

MODEL CIP 962 - Plan 3 [Sheet] PAPER SIZE: 17x11 (in.) DATE: 8/5/2024 TIME: 10:30:17 AM USER: qjachen  
V:\1736\active\173620147\engineering\Roadway\Sheets\114496\_GPO02.dgn



FOR DRIVEWAY DETAILS, SEE SHEET P.64  
FOR LEGEND, SEE SHEET P.12  
FOR CURB RAMP DETAILS, SEE SHEET P.66 TO P.68

PLAN AND PROFILE  
STA. 40+00.00 TO STA. 45+00.00

DESIGN AGENCY  
**Stantec**  
10200 Alliance Road,  
Suite 300  
Cincinnati, OH 45242  
(513) 842-8200

DESIGNER  
**ZTM**

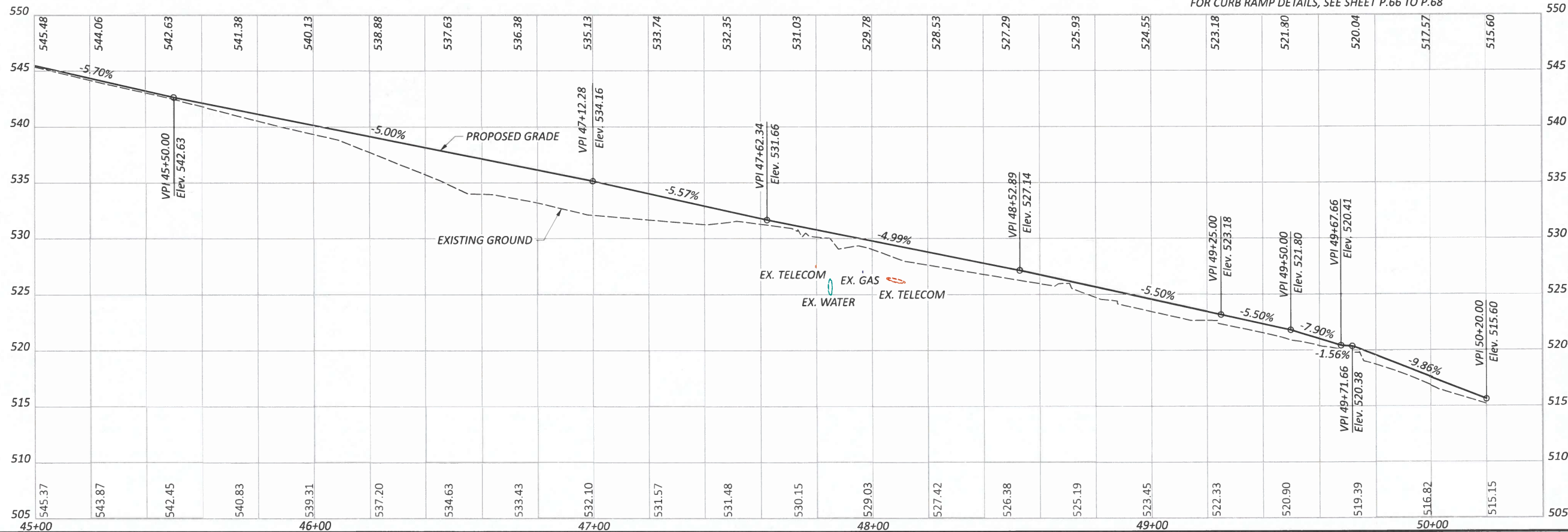
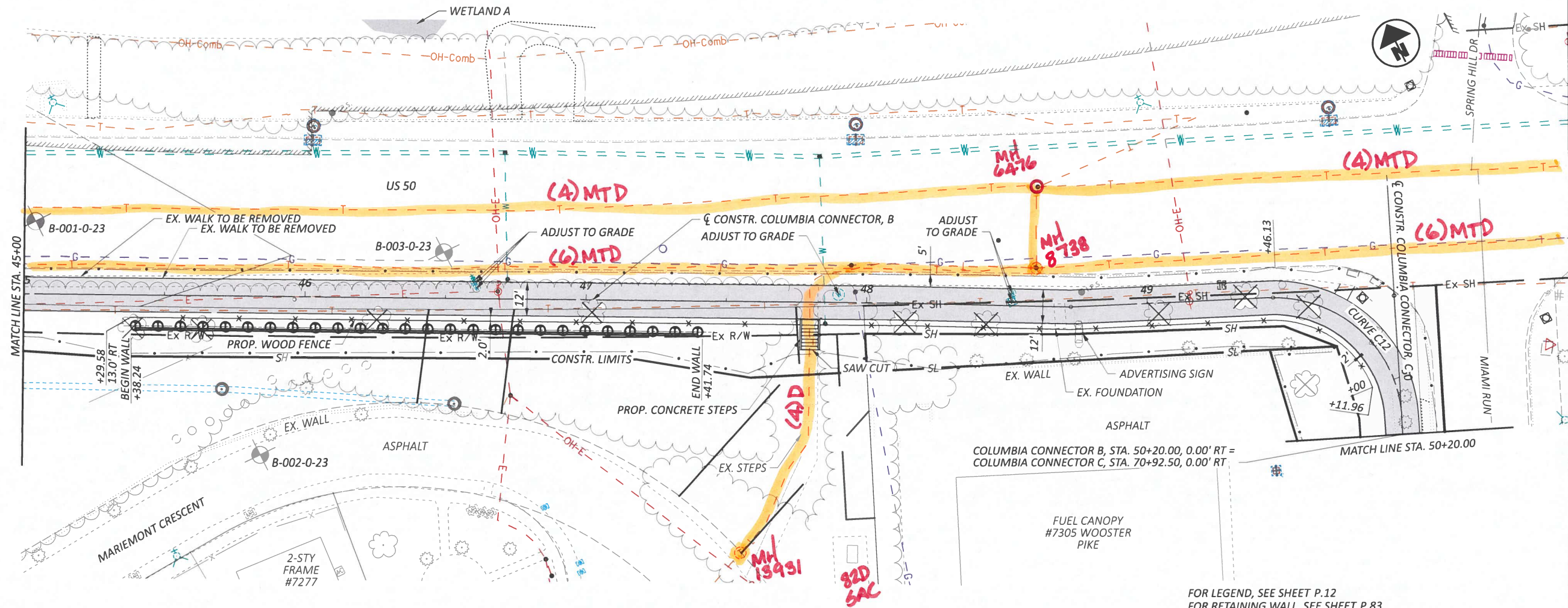
REVIEWER  
**SNS 08-02-24**

PROJECT ID  
**114496**

SHEET TOTAL  
P.15 91



CURVE DATA C12  
P.I. = STA. 49+87.80  
 $\Delta = 89^{\circ}10'14''$  RT  
 $D_c = 127^{\circ}19'26''$   
 $R = 45.00'$   
 $T = 44.35'$   
 $L = 70.03'$   
 $E = 18.18'$   
PC STA. 49+43.44  
PT STA. 50+13.48



PLAN AND PROFILE  
STA. 45+00.00 TO STA. 50+00.00