

# STATE OF OHIO DEPARTMENT OF TRANSPORTATION

## LAW-52-13.59

PERRY TOWNSHIP  
LAWRENCE COUNTY

FEDERAL PROJECT NUMBER

499913

**PROJECT DESCRIPTION**

CONVERTING A STRIPED MEDIAN INTO A LEFT TURN LANE AT THE INTERSECTION OF US ROUTE 52 AND COUNTY ROUTE 15 IN LAWRENCE COUNTY.

**EARTH DISTURBED AREAS**

PROJECT EARTH DISTURBED AREA: 0.35 ACRES  
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.125 ACRES  
NOTICE OF INTENT EARTH DISTURBED AREA: 0.475 ACRES

**LIMITED ACCESS**

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE OHIO REVISED CODE.

**2023 SPECIFICATIONS**

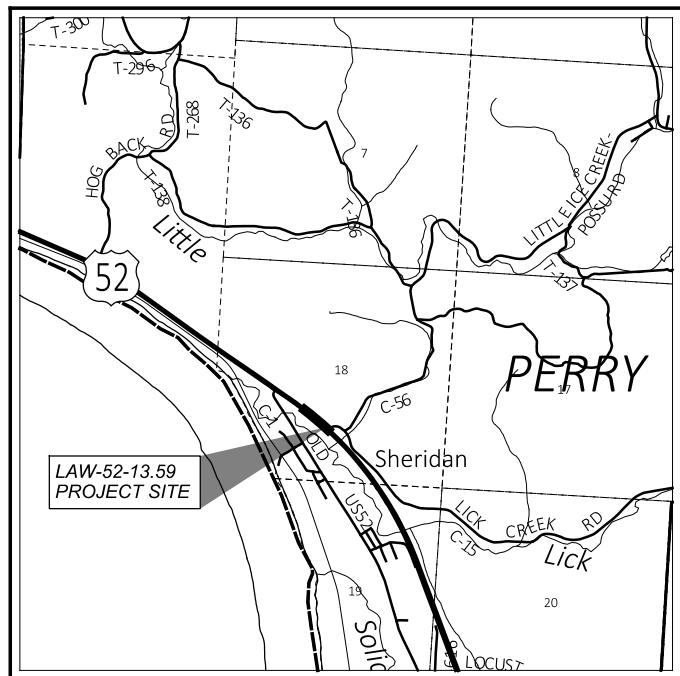
THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS, CHANGES LISTED IN THE PROPOSAL, AND THE SUPPLEMENTAL SPECIFICATION 800 VERSION INDICATED ON THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.



Michael G. Dombrowski  
District 09 Deputy Director



Jack Marchbanks, PhD  
Director, Department of Transportation



**LOCATION MAP**

LATITUDE: N 38°28'11" LONGITUDE: W 82°36'11"



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

**DESIGN DESIGNATION**

CURRENT ADT (2023)	-----	23,268
DESIGN YEAR ADT (2043)	-----	N/A
DESIGN HOURLY VOLUME (2043)	-----	N/A
DIRECTIONAL DISTRIBUTION	-----	N/A
TRUCKS (24 HOUR B&C)	-----	N/A
DESIGN SPEED	-----	60 MPH
LEGAL SPEED	-----	55 MPH
DESIGN FUNCTIONAL CLASSIFICATION:		
02 OTHER FREEWAYS AND EXPRESSWAYS (RURAL)	-----	
NHS PROJECT	-----	YES

**DESIGN EXCEPTIONS**

NONE

**ADA DESIGN WAIVERS**

NONE

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

  
**OHIO811.org**  
Before You Dig

OHIO 811, 8-1-1, or 1-800-362-2764  
(Non members must be called directly)

PLAN PREPARED BY:  
BURGESS & NIPLÉ  
330 RUSH ALLEY STE. 700  
COLUMBUS, OHIO 43215


**INDEX OF SHEETS:**

TITLE SHEET	1
TYPICAL SECTIONS	2 - 3
GENERAL NOTES	4
MAINTENANCE OF TRAFFIC	5 - 8
GENERAL SUMMARY	9
SUBSUMMARIES	10 - 12
PLAN & PROFILES	13 - 14
INTERSECTION DETAILS	15 - 17
SIGNING AND PAVEMENT MARKINGS	18 - 21

STANDARD CONSTRUCTION DRAWINGS		SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP-3.1	1/21/22	800	4/21/2023
RM-1.1	1/20/23		
RM-4.3	1/21/22		
RM-4.6	7/19/13		
CB-6	1/21/22		
DM-1.1	7/17/20		
DM-1.3	7/18/14		
MT-95.30	7/19/19		
MT-95.40	1/17/20		
MT-101.75	1/17/20		

ENGINEER'S SEAL:



SIGNED:   
DATE: 6/26/23

LAW-52-13.59

TITLE SHEET

DESIGN AGENCY	
 burgessniple.com	
DESIGNER	
NJL	
REVIEWER	
JED 6/26/23	
PROJECT ID	
117068	
SHEET	TOTAL
1	21

SHEET NUM.											PART.			ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
4	5	10	11	12	18	19	OFFICE	1			EXT	TOTAL							
<b>ROADWAY</b>																			
		520						520			202	23000	520	SY	PAVEMENT REMOVED				
		133						133			202	30700	133	FT	CONCRETE BARRIER REMOVED				
		55						55			202	35100	55	FT	PIPE REMOVED, 24" AND UNDER				
		1						1			202	47800	1	EACH	IMPACT ATTENUATOR REMOVED				
		2						2			202	58100	2	EACH	CATCH BASIN REMOVED				
		256						256			SPECIAL	20270000	256	FT	FILL AND PLUG EXISTING CONDUIT	4			
		1						1			606	60050	1	EACH	IMPACT ATTENUATOR, TYPE 3 (BIDIRECTIONAL) [60 MPH, 38"]				
		1						1			622	24860	1	EACH	CONCRETE BARRIER END SECTION, TYPE C1				
<b>DRAINAGE</b>																			
	200							200			611	01500	200	FT	6" CONDUIT, TYPE F				
								367			611	05900	367	FT	15" CONDUIT, TYPE B				
								516			611	97000	516	FT	SLOTTED DRAIN, TYPE 1, 15"				
								5			611	98370	5	EACH	CATCH BASIN, NO. 6				
<b>PAVEMENT</b>																			
		1,143						1,143			252	01500	1,143	FT	FULL DEPTH PAVEMENT SAWING				
			425					425			254	01000	425	SY	PAVEMENT PLANING, ASPHALT CONCRETE, VARIABLE DEPTH				
			138					138			302	56000	138	CY	ASPHALT CONCRETE BASE, PG64-22, (449)				
			103					103			304	20000	103	CY	AGGREGATE BASE				
			100					100			407	20000	100	GAL	NON-TRACKING TACK COAT				
			37					37			442	22100	37	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (449)				
			51					51			442	22300	51	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (449)				
<b>TRAFFIC CONTROL</b>																			
							65	65			630	03100	65	FT	GROUND MOUNTED SUPPORT, NO. 3 POST				
							31.25	31.25			630	80100	31.25	SF	SIGN, FLAT SHEET				
					0.2			0.2			644	00300	0.2	MILE	CENTER LINE				
					330			330			644	00400	330	FT	CHANNELIZING LINE, 8"				
					258			258			644	00700	258	FT	TRANSVERSE/DIAGONAL LINE				
					4			4			644	01300	4	EACH	LANE ARROW				
<b>MAINTENANCE OF TRAFFIC</b>																			
		40						40			614	11110	40	HR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE				
		1						1			614	12380	1	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)				
		10						10			614	12600	10	EACH	REPLACEMENT DRUM				
		1						1			614	13312	1	EACH	BARRIER REFLECTOR, TYPE 2, ONE WAY				
		1.3						1.3			614	22010	1.3	MILE	WORK ZONE EDGE LINE, CLASS I, 6"				
		157						157			614	23010	157	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 12"				
		307						307			614	24000	307	FT	WORK ZONE DOTTED LINE, CLASS I				
		2						2			614	30000	2	EACH	WORK ZONE ARROW, CLASS I				
		0.01						0.01			616	10000	0.01	MGAL	WATER				
		1,810						1,810			618	40101	1,810	FT	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE), AS PER PLAN	5			
		150						150			622	41110	150	FT	PORTABLE BARRIER, ANCHORED				
<b>INCIDENTALS</b>																			
		LS						LS			614	11000	LS		MAINTAINING TRAFFIC				
							3	3			619	16000	3	MNTH	FIELD OFFICE, TYPE A				
							LS	LS			623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING				
							LS	LS			624	10000	LS		MOBILIZATION				

GENERAL SUMMARY

DESIGN AGENCY  
  
 burgessniple.com

DESIGNER  
 NJL

REVIEWER  
 JED 6/26/23

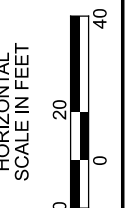
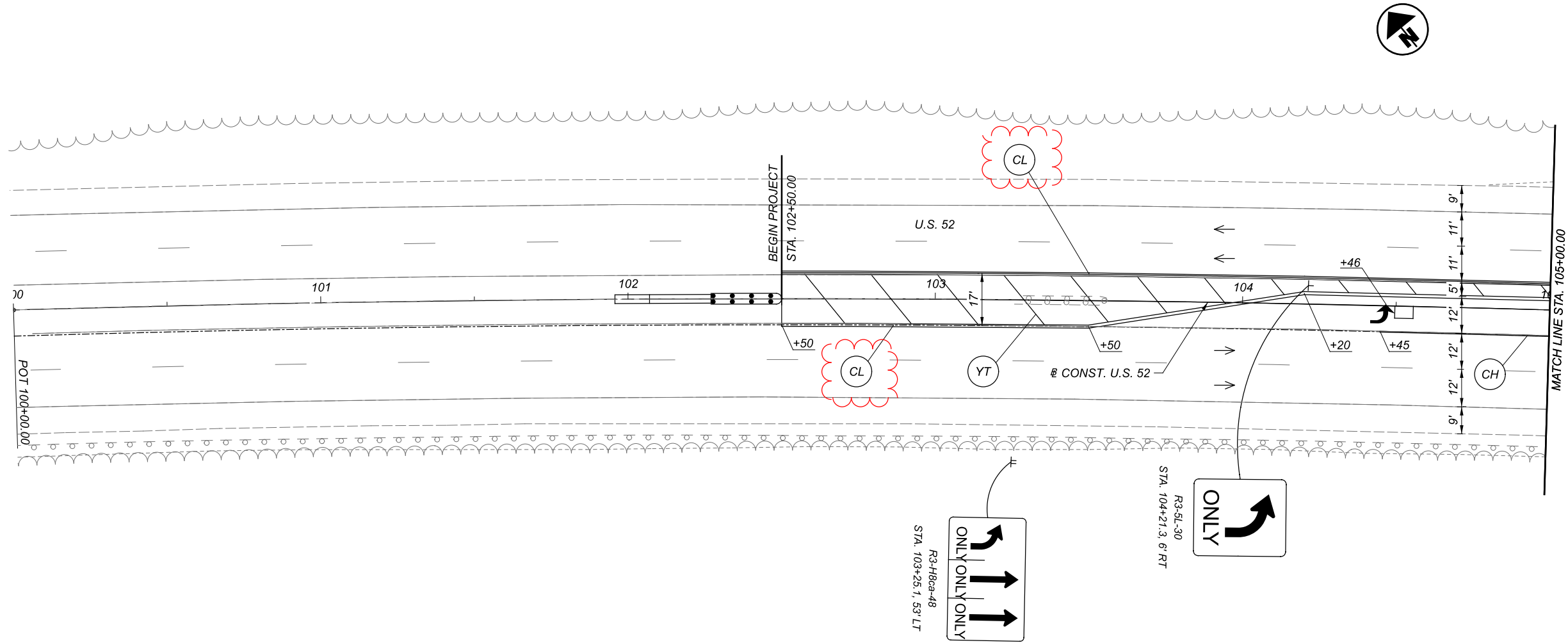
PROJECT ID  
 61069

SHEET TOTAL  
 9 | 21



SIGNING LEGEND	
	PROPOSED GROUND MTD. SIGN SUPPORT
	PROPOSED SIGN

PAVEMENT MARKING LEGEND	
	ITEM 644, CENTER LINE, YELLOW
	ITEM 644, TRANSVERSE LINE, YELLOW
	ITEM 644, CHANNELIZING LINE, WHITE



SIGNING AND PAVEMENT MARKING PLAN  
BEGIN PROJECT TO STA. 105+00

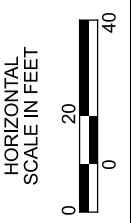
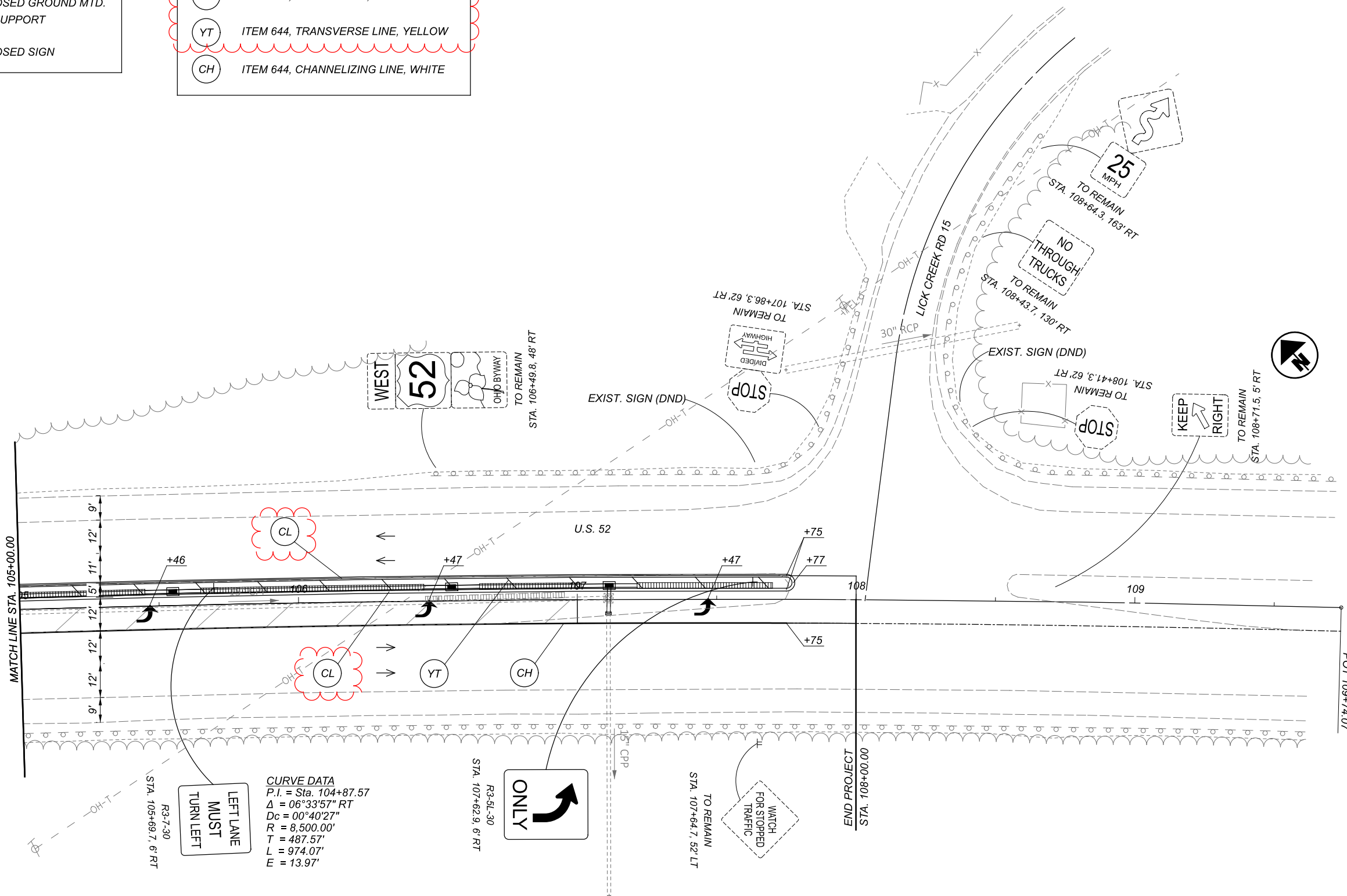
DESIGN AGENCY



DESIGNER	RML
REVIEWER	JED 6/26/23
PROJECT ID	117068
SHEET	TOTAL
20	21

SIGNING LEGEND	
+	PROPOSED GROUND MTD. SIGN SUPPORT
□	PROPOSED SIGN

PAVEMENT MARKING LEGEND	
CL	ITEM 644, CENTER LINE, YELLOW
YT	ITEM 644, TRANSVERSE LINE, YELLOW
CH	ITEM 644, CHANNELIZING LINE, WHITE



SIGNING AND PAVEMENT MARKING PLAN  
STA. 105+00 TO END PROJECT

DESIGN AGENCY



DESIGNER	RML
REVIEWER	EMK 6/26/23
PROJECT ID	117068
SHEET	TOTAL
21	21