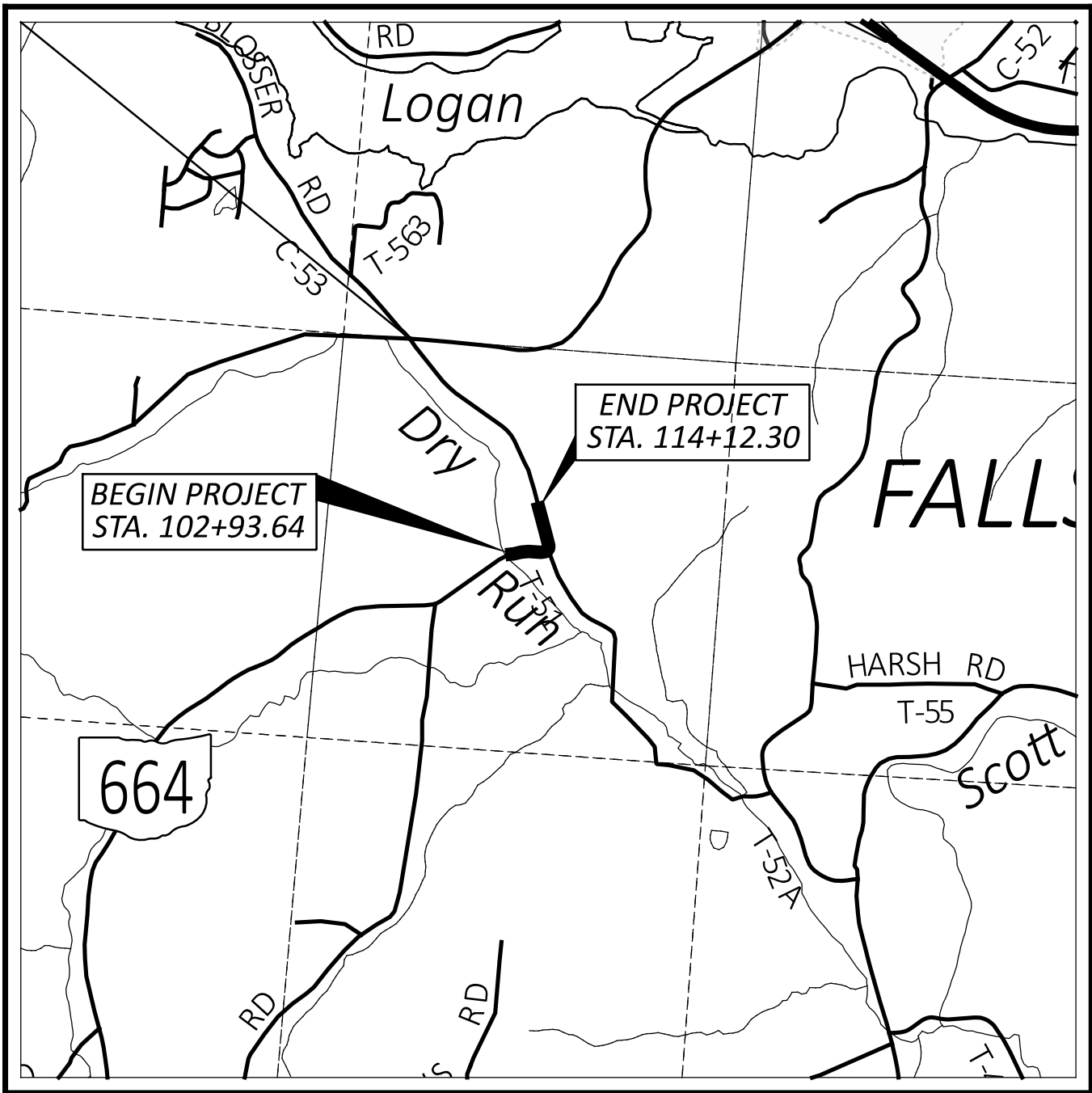




LOCATION MAP

LATITUDE: 39°31'06" LONGITUDE: 82°27'17"



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

DESIGN DESIGNATION

	SR 664	TR 51
CURRENT ADT (2027)	5,200	1,020
DESIGN YEAR ADT (2047)	6,370	1,250
DESIGN HOURLY VOLUME (2047)	760	160
DIRECTIONAL DISTRIBUTION	0.58	0.52
TRUCKS (24 HOUR B&C)	0.07	0.07
DESIGN SPEED	60	60
LEGAL SPEED	55	55
NHS PROJECT	NO	NO

DESIGN FUNCTIONAL CLASSIFICATION:
SR 664: 05 MAJOR COLLECTOR (RURAL)
TR 51: 07 LOCAL ROAD (RURAL)

DESIGN EXCEPTIONS

NONE

ADA DESIGN WAIVERS

NONE

UNDERGROUND UTILITIES

Contact Two Working Days
Before You Dig


Before You Dig

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

PLAN PREPARED BY:
COMPASS INFRASTRUCTURE GROUP
2800 CORPORATE EXCHANGE DRIVE, SUITE 100
COLUMBUS, OH 43231

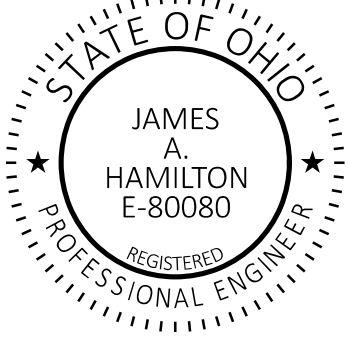
ENGINEER'S SEAL

LIGHTING



ENGINEER'S SEAL

ROADWAY



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STANDARD CONSTRUCTION DRAWINGS								SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS	
BP-2.5	7/19/24	MGS-1.1	1/17/25	MT-96.20	1/17/25	TC-61.30	7/19/24	800-2023	1/17/25		
BP-3.1	1/19/24	MGS-2.1	1/17/25	MT-96.26	1/17/25	TC-64.10	7/21/23	813	7/21/23		
BP-3.2	1/18/19	MGS-4.2	1/17/25	MT-97.10	4/19/19	TC-65.10	1/17/14	825	7/19/24		
BP-4.1	7/19/13			MT-101.60	1/17/25	TC-65.11	1/17/25	832	7/19/24		
BP-5.1	1/17/25	MH-3	7/19/24	MT-101.70	7/19/24			836	1/19/24		
BP-9.1	1/18/19			MT-101.75	7/21/23	HL-10.11	7/21/23	873	4/16/21		
		RM-1.1	1/20/23	MT-101.90	7/17/20	HL-10.12	7/21/23	913	4/16/21		
CB-2-3, 2-4	7/19/24	RM-3.1	7/20/18	MT-105.10	1/17/20	HL-10.13	1/20/23	961	4/17/20		
CB-3	7/19/24	RM-4.2	4/17/20			HL-20.11	7/21/23				
CB-3A	7/19/24			TC-41.20	10/18/13	HL-30.11	7/21/23				
		WQ-1.2	1/15/16	TC-41.30	4/21/23	HL-30.22	1/17/25				
DM-1.1	1/17/25			TC-42.10	10/18/13	HL-40.20	1/17/25				
DM-1.2	1/17/25	HW-2.1	7/15/22	TC-42.20	10/18/13	HL-60.11	7/21/17				
DM-4.2	7/20/12	HW-2.2	7/20/18	TC-52.10	10/18/13	HL-60.31	7/19/24				
DM-4.3	1/15/16			TC-52.20	1/15/21						
DM-4.4	1/15/16	MT-96.11	7/21/23	TC-61.10	4/21/23						

FEDERAL PROJECT NUMBER

E240096

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

IMPROVEMENT OF THE INTERSECTION OF STATE ROUTE (SR) 664 AT SAUER KRAUT ROAD (TR-51) WITH THE CONSTRUCTION OF A SINGLE LANE ROUNDABOUT. PROJECT INCLUDES GRADING, DRAINAGE, AND LIGHTING.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	3.55 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0.125 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	3.675 ACRES

2023 SPECIFICATIONS

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

I HEREBY APPROVE OF THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING OF S.R. 664 EXCEPT FOR THE SIDE ROAD AS DESCRIBED ON SHEET P.009, AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH IN THE PLANS AND ESTIMATES.


Rich Oster
District 10 Deputy Director


Pamela Boratyn
Director, Department of Transportation

GENERAL SUMMARY

 COMPASS INFRASTRUCTURE GROUP	
DESIGNER DMG	
REVIEWER AA 05/23/25	
PROJECT ID 119813	
SHEET P.039	TOTAL 110

GENERAL SUMMARY



COMPASS
INFRASTRUCTURE GROUP

DESIGNER	DMG
REVIEWER	AA
PROJECT ID	119813
SHEET	P.040
TOTAL	110

PROJECT DATA

TOTAL AREA (RIGHT OF WAY) 4.56 Ac
PROJECT EARTH DISTURBED AREA 3.55 Ac
ESTIMATED CONTRACTOR EARTH DISTURBED AREA 0.125 Ac
NOTICE OF INTENT EARTH DISTURBED AREA 3.675 Ac
IMPERVIOUS (PAVED) AREA FOR PRE-CONSTRUCTION SITE 0.95 Ac
IMPERVIOUS (PAVED) AREA FOR POST CONSTRUCTION SITE 1.61 Ac
RUNOFF COEFFICIENT FOR PRE-CONSTRUCTION SITE 0.35 - 0.90
RUNOFF COEFFICIENT FOR POST CONSTRUCTION SITE 0.35 - 0.90

POST CONSTRUCTION BMP: VEGETATED FILTER STRIPS, VEGETATED BIOFILTERS, AND
BIORETENTION CELLS WERE PROVIDED TO MEET NPDES
POST-CONSTRUCTION REQUIREMENTS.

IMMEDIATE RECEIVING WATERS DRY RUN
SUBSEQUENT RECEIVING WATERS SCOTT CREEK,
HOCKING RIVER

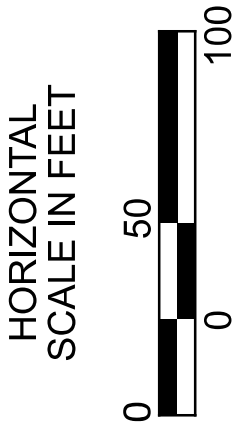
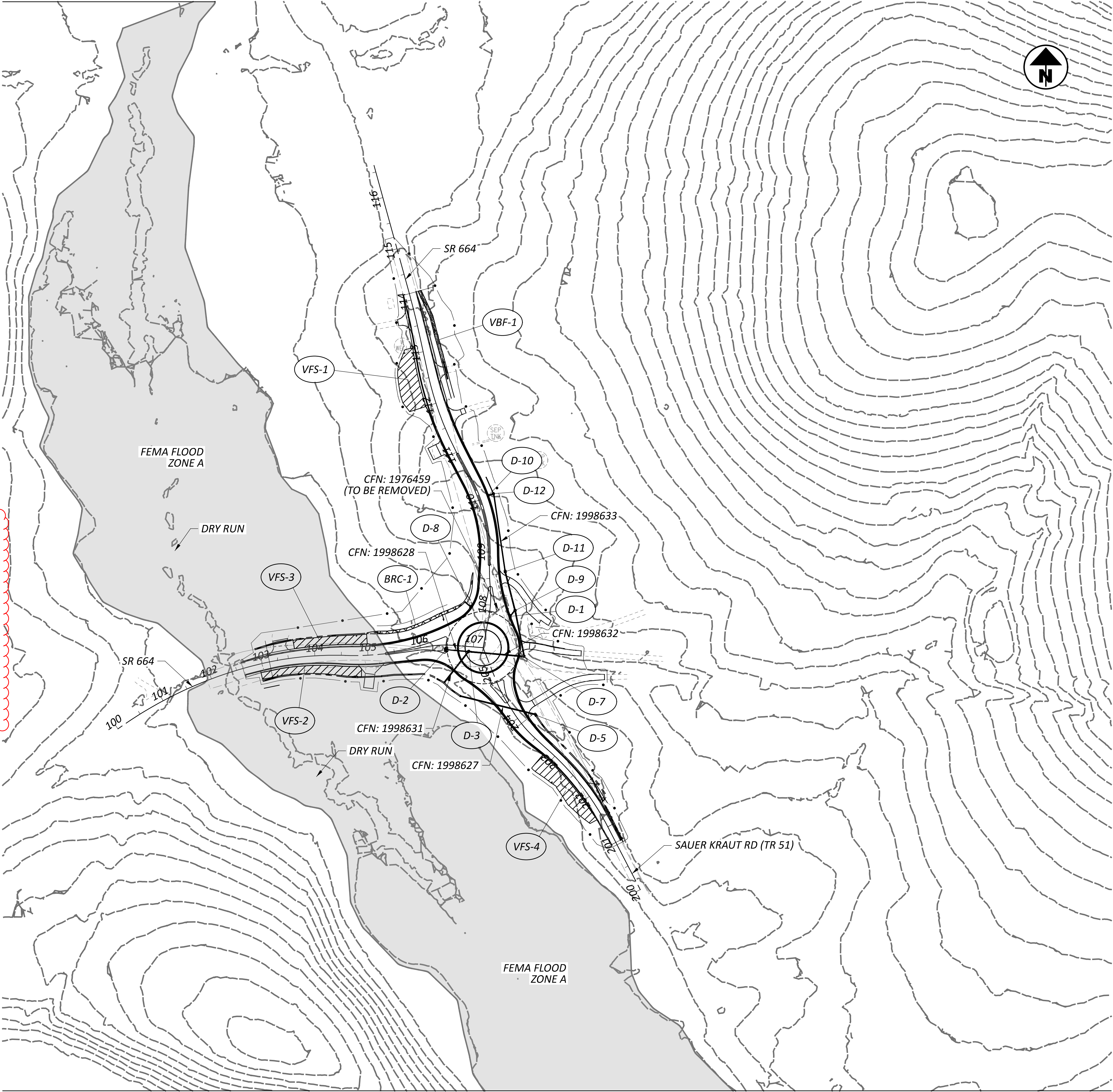
USGS QUADRANT NAME & NUMBER LOGAN, OHIO
39082-E4-TF-024

APPROXIMATE CENTER OF PROJECT
LONGITUDE 82°27'17.7"W
LATITUDE 39°31'06.5"N

LEGEND

-  VFS - VEGETATED FILTER STRIP (SLOPE EROSION PROTECTION MAT TYPE B)
 VBF - VEGETATED BIOFILTER
 BRC - BIORETENTION CELL

REF.	BEGIN		END		EDA CREDIT (ACRES)
	LATITUDE	LONGITUDE	LATITUDE	LONGITUDE	
VFS-1	39.51964838	-82.45536449	39.5199600	-82.4554251	0.140
VFS-2	39.51826579	-82.45640329	39.5182856	-82.4557393	0.154
VFS-3	39.51843129	-82.45619156	39.5184600	-82.4557031	0.113
VFS-4	39.51751706	-82.45419086	39.5178274	-82.4545674	0.186
VBF-1	39.51988853	-82.45519234	39.5202596	-82.4553534	0.190
BRC-1	39.51849373	-82.45563521	39.5186208	-82.4551107	0.520
TREATMENT PROVIDED =					1.303
TREATMENT REQUIRED =					1.280



PROJECT SITE PLAN

DESIGN AGENCY



COMPASS
INFRASTRUCTURE GROUP

DESIGNER

MBM

REVIEWER

AA 05/23/25

PROJECT ID

119813

SHEET

P.042

TOTAL

110

REF. NO.	SHEET NO.	STATION		SIDE	644	644	644	644	644	644		621	621	621	621						
					EDGE LINE, 6", WHITE	EDGE LINE, 6", YELLOW	CENTER LINE	TRANSVERSE/DIAGONAL LINE	DOTTED LINE, 12"	YIELD LINE		RPM (Y/Y)	RPM (Y/R)	RPM (W/R)	RAISED PAVEMENT MARKER REMOVED						
		FROM	TO		MILE	MILE	MILE	FT	FT	FT		EA	EA	EA	EA						
ELW-1	P.091 - P.092, P.094	102+64	201+00	RT/LT	0.16																
ELW-2	P.091 - P.093	102+64	114+12	LT	0.20																
ELW-3	P.092	106+53	106+55	RT/LT	0.01									2							
ELW-4	P.092	107+84	107+85	RT/LT	0.01									2							
ELW-5	P.092	204+84	204+83	RT/LT	0.01									2							
ELW-6	P.092	106+71	107+67	RT/LT	0.06																
ELW-7	P.092 - P.094	201+00	114+12	RT	0.21																
ELY-1	P.091 - P.092	105+32	106+53	RT		0.02							3								
ELY-2	P.091 - P.092	105+32	106+55	LT		0.02							3								
ELY-3	P.092 - P.093	107+85	110+97	LT		0.06							8								
ELY-4	P.092 - P.093	107+84	110+97	RT		0.06							8								
ELY-5	P.092	204+35	204+84	LT		0.01							1								
ELY-6	P.092	204+35	204+83	RT		0.01							1								
CL-1	P.091	102+64	103+14	RT			0.01					1									
CL-2	P.093	113+51	114+12	CL			0.01					1									
CL-3	P.094	201+00	203+39	CL			0.05					3									
CL-4	P.091	103+14	105+32	LT			0.04					11									
CL-5	P.091	103+14	105+32	RT			0.04					11									
CL-6	P.093	110+97	113+51	LT			0.05					13									
CL-7	P.093	110+97	113+51	RT			0.05					13									
CL-8	P.094	203+39	204+35	LT			0.02					5									
CL-9	P.094	203+39	204+35	RT			0.02					5									
TL-1	P.091	103+61	105+17	RT/LT				64													
TL-2	P.093	111+46	113+37	RT/LT				81													
TL-3	P.094	203+47	204+29	RT/LT				37													
DL-1	P.092	107+66	107+85	LT					38												
DL-2	P.092	204+83	205+02	RT					37												
DL-3	P.092	106+53	106+74	RT					37												
YL-1	P.092	107+89	107+98	LT						18											
YL-2	P.092	204+72	204+79	RT						16											
YL-3	P.092	106+41	106+50	RT						16											
		EXIST. SR-664		CL											30						
SUBTOTAL					0.66	0.18						61	24	6		30					
TOTALS CARRIED TO GENERAL SUMMARY					0.84	0.28		182	112	50		91				30					

PAVEMENT MARKING SUBSUMMARY

DESIGN AGENCY



COMPASS
INFRASTRUCTURE GROUP

DESIGNER

KMK

REVIEWER

AA 05/23/25

PROJECT ID

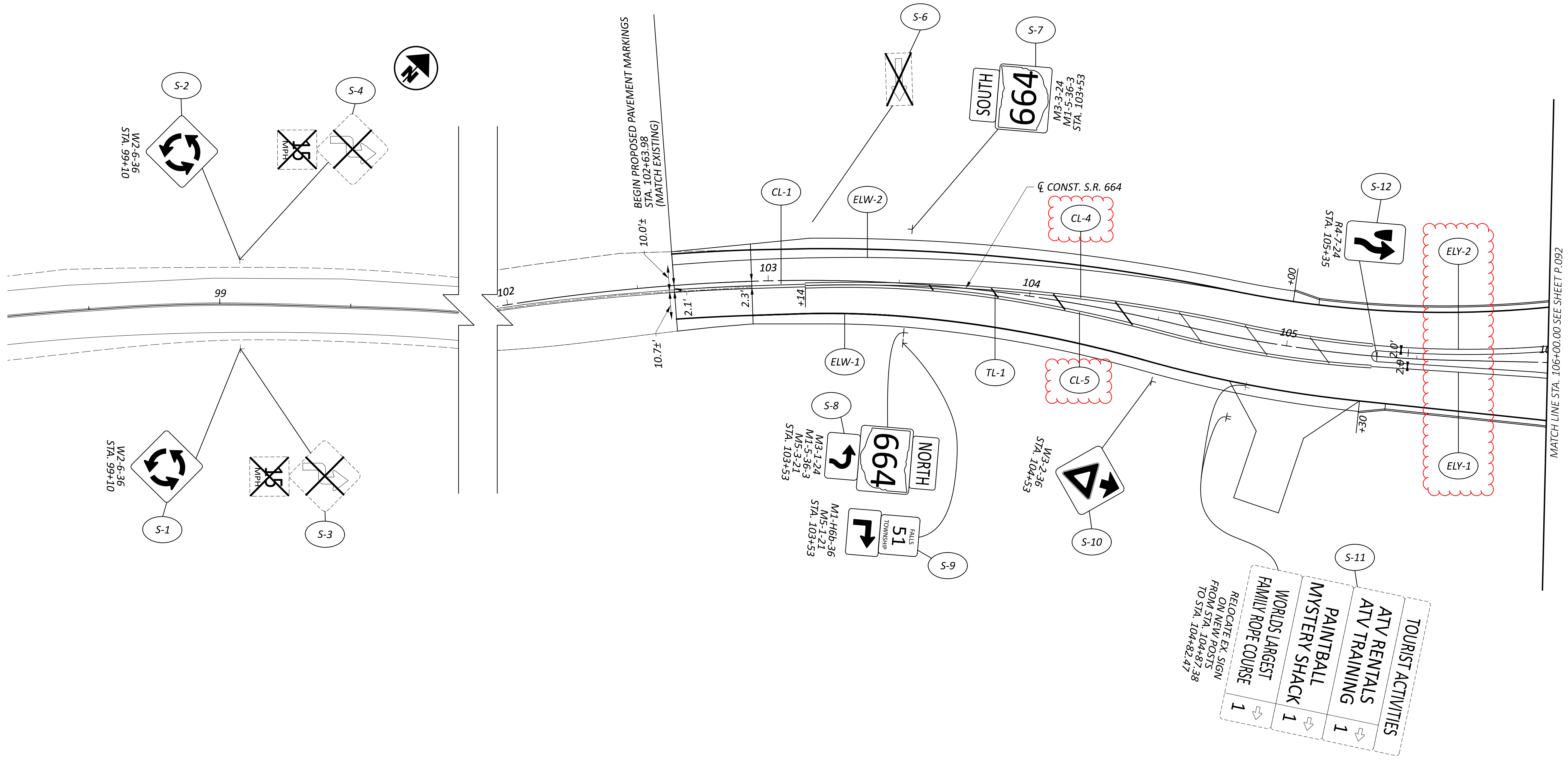
119813

SHEET

P.087

TOTAL

110



LEGEND

PROPOSED SIGN

EXISTING SIGN TO REMAIN
(RELOCATIONS NOTED IN PLANS)

EXISTING SIGN TO BE REMOVED

LANE ARROW, 96"

ELW

EDGE LINE WHITE, 4"

ELY

EDGE LINE YELLOW, 4"

DL

DOTTED LINE, 4"

YL

YIELD LINE

LA

LANE ARROW

S

SIGN

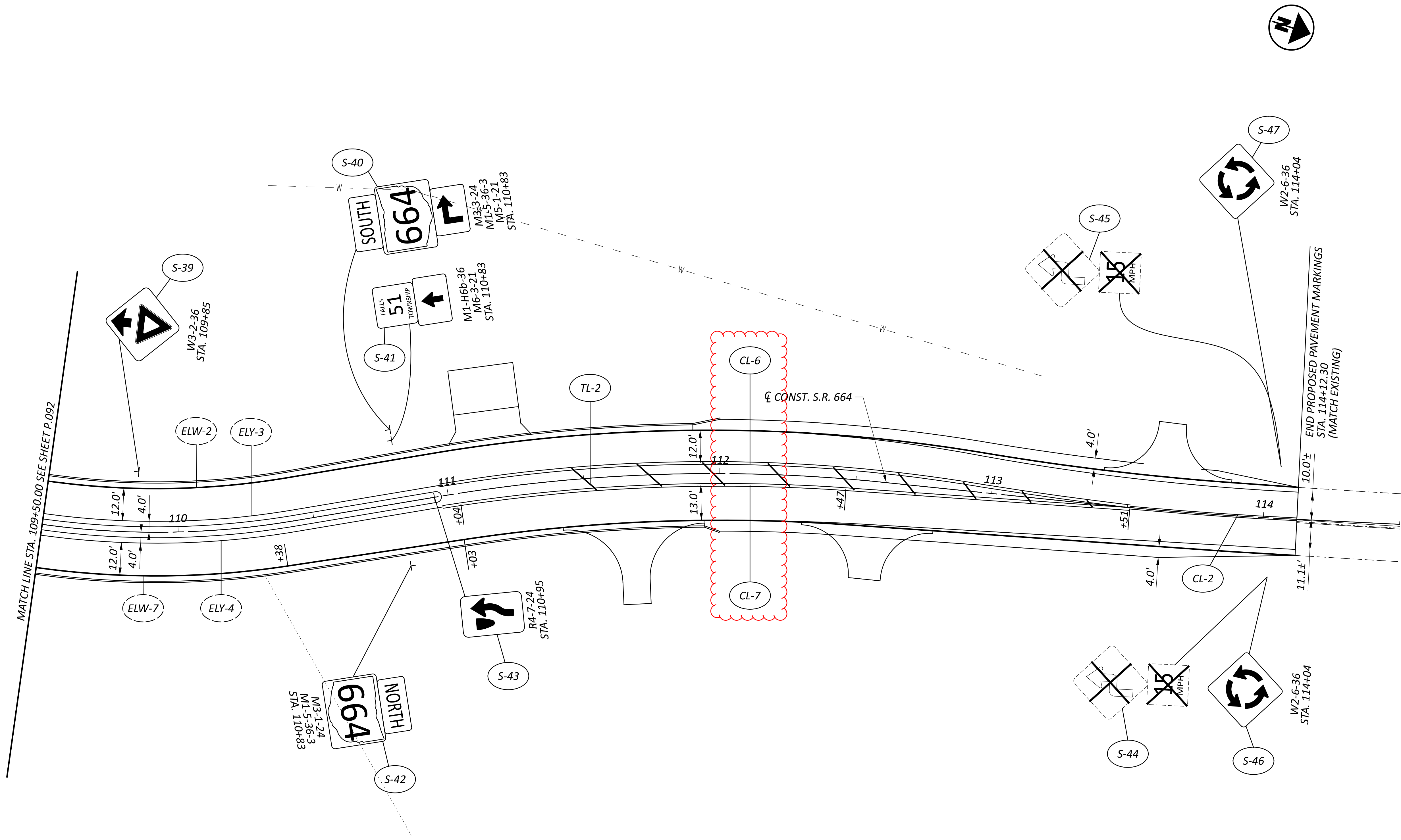
CL

CENTER LINE

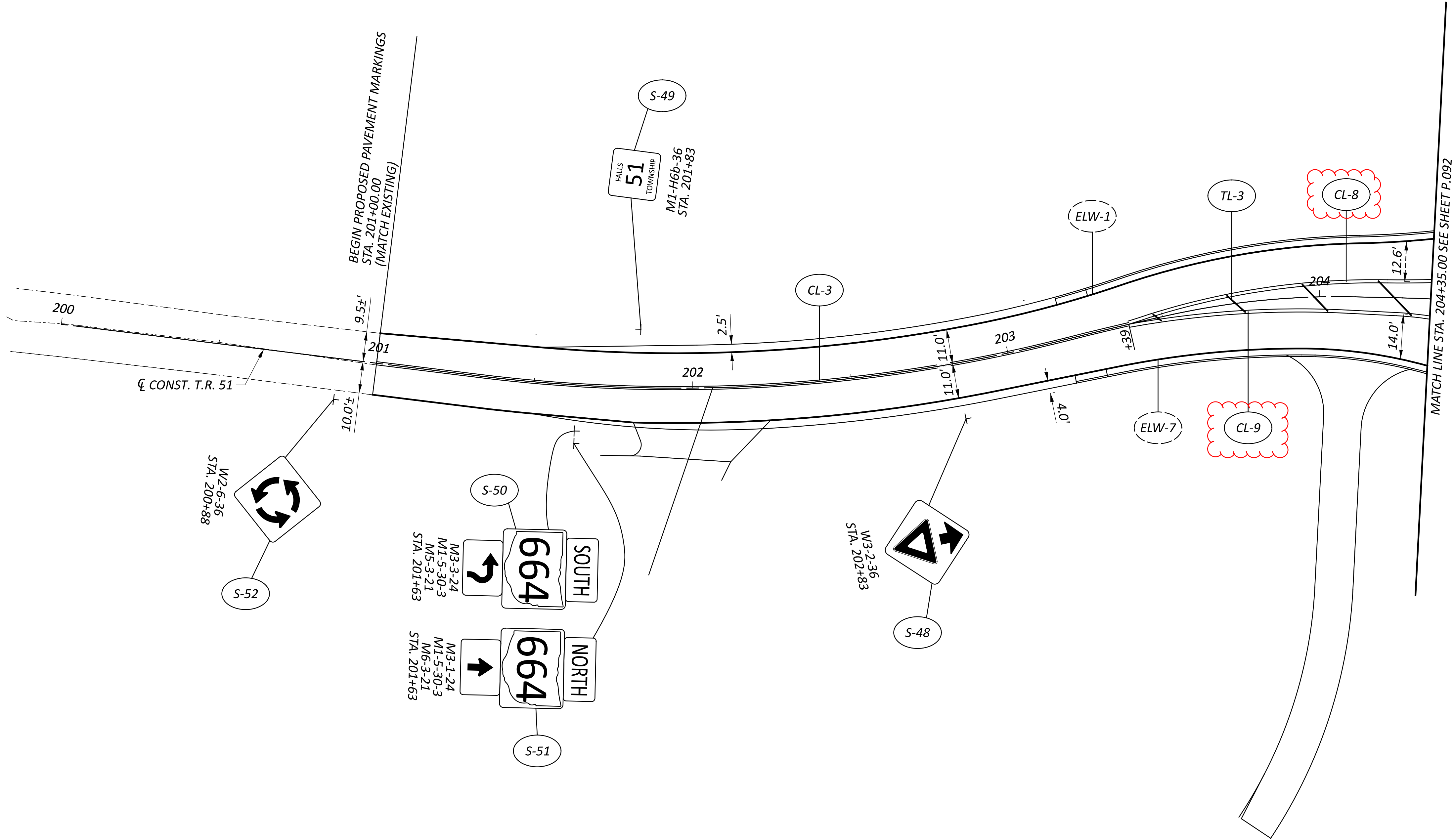
TL

TRANSVERSE LINE

SEE SHEET P.091 FOR LEGEND



SEE SHEET P.091 FOR LEGEND



DESIGN AGENCY



COMPASS
INFRASTRUCTURE GROUP

DESIGNER

KMK

REVIEWER

AA 05/23/25

PROJECT ID

119813

SHEET

P.094

TOTAL

110

TRAFFIC CONTROL PLAN - TR 51
STA. 200+00 TO STA. 204+35.00

