

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

FAI-37-06.10

WALNUT TOWNSHIP (FAIRFIELD COUNTY)

FEDERAL PROJECT NUMBER

E191 (296)

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

THIS PROJECT INCLUDES THE WIDENING OF 1.2 MILES OF ROADWAY AT THE SR-37 AND SR-256 INTERSECTION BY PROVIDING A LEFT-TURN LANE ON EACH APPROACH AND RECONSTRUCTION OF THE EXISTING TRAFFIC SIGNALS.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 6.86 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.25 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA: 7.11 ACRES

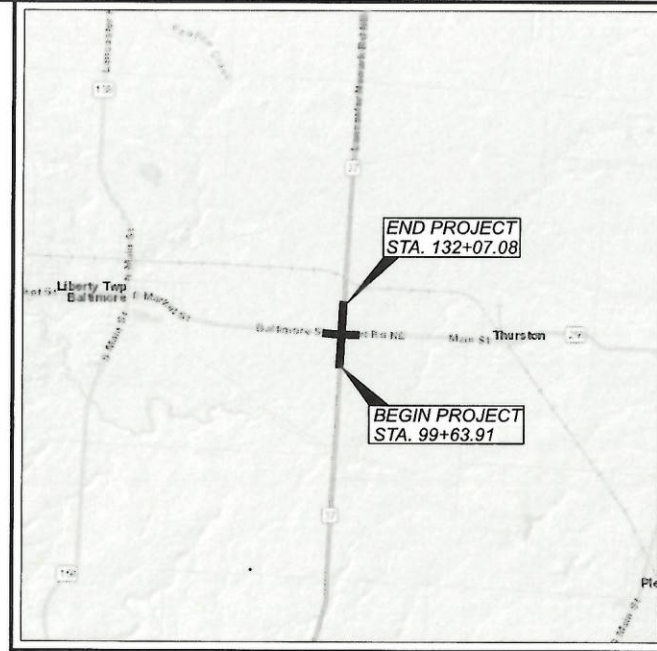
2019 SPECIFICATIONS

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 HERBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING OF NORTHBOUND SR-37 AND EASTBOUND SR-256 TO TRAFFIC AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON SHEETS P.013 THROUGH P.019.

APPROVED Juan Z. Suroz
DATE 10/1/2021 DISTRICT DEPUTY DIRECTOR

APPROVED Jack Marchbanks
DATE 11-22-21 DIRECTOR, DEPARTMENT OF TRANSPORTATION



LOCATION MAP

LATITUDE: 39°50'27" LONGITUDE: 82°34'07"



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

DESIGN DESIGNATION

	SR-37	SR-256
CURRENT ADT (2020)	8,990	3,200
DESIGN YEAR ADT (2040)	12,590	3,200
DESIGN HOURLY VOLUME (2040)	1,260	320
DIRECTIONAL DISTRIBUTION	54%	58%
TRUCKS (24 HOUR B&C)	9%	7%
DESIGN SPEED	60 MPH	60 MPH
LEGAL SPEED	55 MPH	55 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	RURAL MINOR ARTERIAL	RURAL MINOR ARTERIAL (WEST) / MAJOR COLLECTOR (EAST)
NHS PROJECT	NO	NO

DESIGN EXCEPTIONS

DESIGN FEATURE	DATE	SEE SHEETS
GRADED SHOULDER WIDTH	1-31-2020	3-5

ADA DESIGN WAIVER
NONE REQUIRED

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:
TRC 1382 WEST 9TH STREET
SUITE 400
CLEVELAND, OHIO 44113

INDEX OF SHEETS:

TITLE SHEET	P.001
SCHEMATIC PLAN	P.002
TYPICAL SECTIONS	P.003 - P.005
GENERAL NOTES	P.006 - P.007, P.007A - P.007B
MAINTENANCE OF TRAFFIC	P.008 - P.056, P.009A, P.009B, P.009C
GENERAL SUMMARY	P.057 - P.059
SUBSUMMARIES	P.060 - P.063, P.061A
PROJECT SITE PLAN	P.064
PLAN AND PROFILE SR-37	P.065 - P.071
PLAN AND PROFILE SR-256	P.072 - P.078
CROSS SECTIONS SR-37	P.079 - P.101
CROSS SECTIONS SR-256	P.102 - P.122, P.122A
INTERSECTION DETAILS	P.123
DRIVE DETAILS	P.124
DRIVE PROFILES	P.125 - P.129
STORM SEWER PROFILES	P.130 - P.130-A
CULVERT DETAILS	P.131 - P.131A
SIGN AND PAVEMENT MARKING PLANS	P.132 - P.141
SIGNAL PLANS	P.142 - P.152
RIGHT-OF-WAY PLANS	P.153 - P.189
SOIL PROFILES	P.190 - P.201

ENGINEER'S SEAL:

STATE OF OHIO
REGISTERED ENGINEER
DAVID E. CLEVINGER
E-77743

SIGNED: David E. Clevinger
DATE: 9/20/2021

ENGINEER'S SEAL:

STATE OF OHIO
REGISTERED ENGINEER
DEBORAH L. WEAVER
E-58498

SIGNED: Deborah L. Weaver
DATE: 9/20/2021

STANDARD CONSTRUCTION DRAWINGS								SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS	
BP-3.1	1/17/20	DM-4.1	7/17/20	MT-99.20	4/19/19	TC-61.10	1/17/20	800-2019	10/15/21	Village of Baltimore	
BP-4.1	7/19/13	DM-4.3	1/15/16	MT-99.30	1/17/20	TC-64.10	7/16/21	808	1/18/19	Water Line	
BP-5.1	7/16/21	DM-4.4	1/15/16	MT-101.60	1/17/20	TC-65.10	1/17/14	809	1/15/21	Standard Drawings	
				MT-101.70	1/17/20	TC-65.11	7/21/17	816	10/18/19	1/2006	
		RM-1.1	1/15/21	MT-101.75	1/17/20	TC-71.10	7/16/21	832	10/19/18		
		RM-4.2	4/17/20	MT-101.90	7/17/20	TC-81.11	7/16/21	878	4/16/21	Asbestos Survey	
CB-2-2A, 2-2B, 2-2C	7/16/21			MT-105.10	1/17/20	TC-83.10	1/17/20	902	7/19/19	Report	
CB-2-3, 2-4	7/16/21					TC-83.20	7/21/17			12/09/2021	
CB-3	7/16/21	HL-30.11	1/15/21			TC-84.20	10/18/13				
CB-3A	7/16/21	HL-30.22	1/15/21	TC-21.21	7/16/21	TC-85.21	7/16/21				
				TC-41.20	10/18/13	TC-85.22	1/19/18				
HW-2.2	7/20/18	MT-95.31	7/19/19	TC-41.30	10/18/13						
		MT-95.41	1/17/20	TC-41.41	7/19/19						
MH-3	7/16/21	MT-95.45	1/17/20	TC-42.10	10/18/13						
		MT-95.61	4/19/19	TC-42.20	10/18/13						
DM-1.1	7/17/20	MT-97.10	4/19/19	TC-52.10	10/18/13						
DM-1.2	7/16/21	MT-97.12	1/20/17	TC-52.20	1/15/21						

FAI - SR 37-06.10
 220007 PID - 110412
 Dist 5 1/13/2022

Contract Proposal available @
 www.contracts.dot.state.oh.us

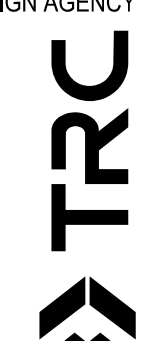
MODEL: Sheet PAPER SIZE: 34x22 (in.) DATE: 9/20/2021 TIME: 10:51:40 AM USER: AMichlan
 p:\citr\pwp\benfley.com\trc-pwp\01\Documents\5 - Projects\Ohio Department of Transportation\0001\34x22\42 - FAI-37-06.104 - CAD_Desig\110412\400-Eng\In

TITLE SHEET

DESIGN AGENCY	TRC
DESIGNER	AEM
REVIEWER	WAA 07/04/21
PROJECT ID	110412
SHEET TOTAL	P.001 201

REF NO.	SHEET NO.	STATION TO STATION		618	618	621	621	621	621							644	644	644	644	644	644	644								
				RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE)	RPM (1-WAY, WHITE)	RPM (2-WAY, YELLOW-YELLOW)	RPM (2-WAY, WHITE-RED)	RAISED PAVEMENT MARKER REMOVED	RPM SPACING							EDGE LINE, 6"	CENTER LINE	CHANNELIZING LINE, 8"	STOP LINE	TRANSVERSE/DIAGONAL LINE	LANE ARROW	WORD ON PAVEMENT, 96"							
				FT	FT	EACH	EACH	EACH	EACH							MILE	MILE	FT	FT	FT	EACH	EACH								
EW1	P.134	99+63.91	117+00.51												0.24															
EW1	P.138	200+90.22	217+35.53			16		16	40/80 *	* AS PER STOP APPROACH DETAIL TC-65.11														0.30						
EW2	P.134	99+63.91	117+01.41			16		16	40/80 *						0.33															
EW2		218+69.72	233+00.00												0.27															
EW3	P.138	200+90.22	217+85.82												0.33															
EW3	P.135	117+85.30	132+07.08			16		16	40/80 *						0.27															
EW4	P.135	117+36.66	132+07.08												0.28															
EW4		218+71.52	233+00.00			16		16	40/80 *						0.27															
CL1	P.134	99+63.91	116+41.30		1677		21	21	80							0.32														
CL2	P.134	105+15.02	112+65.00				10		80							0.14														
CL3	P.135	118+10.10	132+07.08		1397		18	18	80							0.26														
CL4	P.136	122+62.00	129+22.01				9		80							0.13														
CL5	P.138	200+90.22	217+31.58				21	21	80							0.31														
CL6	P.138	206+30.00	214+40.00				11		80							0.15														
CL7	P.139	218+75.00	233+00.00				18	18	80							0.27														
CL8		222+20.00	228+80.00				9		80							0.13														
YT1	P.134	104+55.00	112+65.00																211											
A1	P.135	113+47.30																			1									
A2	P.135	114+35.30																			1									
W1	P.135	115+23.30																				1								
A3	P.135	116+11.30																			1									
SL1	P.135	116+11.30																	11											
SL2	P.135	116+70.50																	11											
SL3	P.135	117+66.00																	16											
SL4	P.135	118+10.10																	11											
A4	P.135	118+40.10																			1									
W2	P.135	119+28.10																				1								
CH1	P.135	112+65.00	116+70.50				11		40								406													
CH2	P.135	117+66.00	122+62.00				13		40								496													
A5	P.136	120+16.10																			1									
W3	P.136	121+04.10																				1								
A6	P.136	121+92.10																			1									
YT2	P.136	122+62.00	129+22.00																	137										
YT3	P.138	206+30.00	214+40.00																	212										
CH3	P.139	214+40.00	217+55.50				8		40								316													
A7	P.139	215+25.60																			1									
W4	P.139	216+13.60																				1								
A8	P.139	217+01.60																			1									
SL5	P.139	217+31.60																	11											
SL6	P.139	217+55.50																	16											
SL7	P.139	218+50.60																	17											
SL8	P.139	218+75.00																	11											
A9	P.139	219+05.00																												
W5	P.139	219+93.00																				1								
CH4	P.139	218+50.60	222+20.00				10		40								369													
A10	P.139	220+31.00																			1									
A11	P.139	221+69.00																			1									
YT4	P.139	222+20.00	228+80.00																	136										
				223+20.00	228+80.02	560																								
				SUBTOTAL		64	117	42	142							2.29	1.71	1587	104	696	10	5								
TOTALS CARRIED TO GENERAL SUMMARY				560	3074		223		142																					

PAVEMENT MARKING SUB-SUMMARY

DESIGN AGENCY

 DESIGNER
 JGB
 REVIEWER
 WAA 07/04/21
 PROJECT ID
 110412
 SHEET TOTAL
 P.133 201