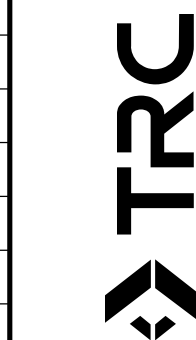


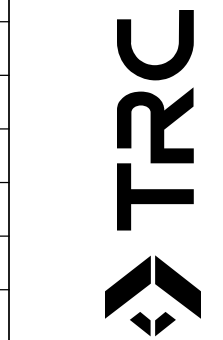
SHEET NUM.											PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
P.007	P.008	P.008A	P.014	P.084	P.085	P.086	P.087	P.088			01/SAE/PV	02/SAF/CV						
DRAINAGE																		
											25		611	02500	25	FT	8" CONDUIT, TYPE E	
											50		611	03100	50	FT	10" CONDUIT, TYPE B	
											25		611	03600	25	FT	10" CONDUIT, TYPE E	
											105		611	04900	105	FT	12" CONDUIT, TYPE D	
											308		611	05900	308	FT	15" CONDUIT, TYPE B	
											265		611	06100	265	FT	15" CONDUIT, TYPE C	
											155		611	06400	155	FT	15" CONDUIT, TYPE D	
											137		611	08900	137	FT	21" CONDUIT, TYPE B	
											134		611	09100	134	FT	21" CONDUIT, TYPE C	
											211		611	10600	211	FT	24" CONDUIT, TYPE C	
											179		611	12400	179	FT	27" CONDUIT, TYPE D	
											126		611	13900	126	FT	30" CONDUIT, TYPE D	
											150	150	611	16400	150	FT	36" CONDUIT, TYPE B	
											43	43	611	16600	43	FT	36" CONDUIT, TYPE C	
											64		611	16900	64	FT	36" CONDUIT, TYPE D	
											197		611	19400	197	FT	42" CONDUIT, TYPE B	
											486		611	20900	486	FT	48" CONDUIT, TYPE B	
											31		611	21100	31	FT	48" CONDUIT, TYPE C	
	50										50		611	97400	50	FT	CONDUIT, MISC.: TYPE C FOR DRAINAGE DISCHARGE CONTINUANCE	
	50										50		611	97400	50	FT	CONDUIT, MISC.: TYPE D FOR DRAINAGE DISCHARGE CONTINUANCE	
	50										50		611	97400	50	FT	CONDUIT, MISC.: TYPE E FOR DRAINAGE DISCHARGE CONTINUANCE	
											6		611	98470	6	EACH	CATCH BASIN, NO. 2-2B	
											2		611	98510	2	EACH	CATCH BASIN, NO. 2-3	
											2		611	98540	2	EACH	CATCH BASIN, NO. 2-4	
											3		611	98570	3	EACH	CATCH BASIN, NO. 2-5	
											1	1	611	99574	2	EACH	MANHOLE, NO. 3	
				2							2		SPECIAL	61199700	2	EACH	GAS VALVE BOX ADJUSTED TO GRADE	
		2				10					12		611	99710	12	EACH	PRECAST REINFORCED CONCRETE OUTLET	
PAVEMENT																		
				50							50		251	01001	50	SY	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN	P.014
					4,070						4,070		252	01500	4,070	FT	FULL DEPTH PAVEMENT SAWING	
				50							50		253	01001	50	SY	PAVEMENT REPAIR, AS PER PLAN	P.014
										6,196	6,196		254	01000	6,196	SY	PAVEMENT PLANING, ASPHALT CONCRETE 3.25"	
										574	574		254	01000	574	SY	PAVEMENT PLANING, ASPHALT CONCRETE, VARIABLE (3.25" MAX)	
										8,981	8,981		254	01000	8,981	SY	PAVEMENT PLANING, ASPHALT CONCRETE 1.75"	
								799		799	799		301	56100	799	CY	ASPHALT CONCRETE BASE, PG64-22, (449), (DRIVEWAYS)	
								3,368		3,368	3,368		302	56000	3,368	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
								3,653		3,653	3,653		304	20000	3,653	CY	AGGREGATE BASE	
								4,536	9	4,545	4,545		407	20000	4,545	GAL	NON-TRACKING TACK COAT	
								440		440	440		408	10001	440	GAL	PRIME COAT, AS PER PLAN	P.007
								10		10	10		411	10000	10	CY	STABILIZED CRUSHED AGGREGATE	
								1,364		1,364	1,364		441	50100	1,364	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M	
								1,903		1,903	1,903		441	50200	1,903	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448)	
								225		225	225		441	70000	225	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22	



STATION RANGE	TYPICAL SECTION	SIDE	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=DxW/9	202 PAVEMENT REMOVED SY	206 CEMENT TON	206 CURING COAT SY	206 CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP SY	254 PAVEMENT PLANING, ASPHALT CONCRETE 3.25" SY	254 PAVEMENT PLANING, ASPHALT CONCRETE, VARIABLE (3.25" MAX) SY	254 PAVEMENT PLANING, ASPHALT CONCRETE 1.75" SY	301 ASPHALT CONCRETE BASE, PG64-22, (448) CY	304 AGGREGATE BASE CY	304 AGGREGATE BASE CY	407 NON-TRACKING TACK COAT GAL	408 PRIME COAT, AS PER PLAN GAL	441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M CY	441 ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) CY	441 ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (FOR LEVELING) CY	516 2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN SF	617 COMPACTED AGGREGATE, AS PER PLAN (2") CY	690 SPECIAL - MALTENE BASED LONGITUDINAL JOINT STABILIZER SF	
			FT	FT	SQ YD																			
129+43.00		LT&RT	0.17	4.50																				
129+43.00	130+43.00	LT&RT	100.00	52.10	579					579						75		24	28		1			
130+43.00	131+43.00	LT&RT	100.00	51.65	574					574						75		24	28					
131+43.00	154+15.00	LT&RT	2272.00	35.57	8981							8981				1167		374	437					
129+43.00	154+15.00	LT	2472	2	549												220						31	
129+43.00	154+15.00	RT	2472	2	549												220						31	
154+15.00	162+73.40	LT&RT	858	46.78	4462											580		186	217					
154+15.00	162+73.40	LT&RT	858	47.47	4528								880											
154+15.00	162+73.40	LT&RT	858	48.47	4623									771										
154+15.00	162+73.40	LT&RT	858	49.81	4751			143	4751	4751														
154+15.00	174+00.02	LT&RT	1985	34.26	7557	7557																		3971
162+73.40	164+40.00	***	167	112.07	2075			63	2075	2075						270		86	101					
162+73.40	164+40.00	*	167	42.19	781								152											
162+73.40	164+40.00	*	167	42.82	793									132										
162+73.40	164+40.00	*	167	43.65	808			24	808	808														
162+73.40	164+40.00	**	167	70.60	1307								254											
162+73.40	164+40.00	**	167	71.06	1315									219										
164+40.00	174+00.02	LT&RT	960	40.29	4297											559		179	209					
164+40.00	174+00.02	LT&RT	960	40.95	4369								849											
164+40.00	174+00.02	LT&RT	960	41.95	4475									746										
164+40.00	174+00.02	LT&RT	960	43.29	4617			139	4617	4617														
183+30.00	191+45.03	LT&RT	815	17.85	1617								314											
183+30.00	191+45.03	LT&RT	815	18.85	1707											569								
183+30.00	191+45.03	LT&RT	815	20.18	1828			55	1828	1828														
183+30.00	191+45.03	LT&RT	815	26.82	2428						2428						121			135				
183+30.00	195+94.50	LT&RT	1265	40.94	5752											748		240	280					
183+30.00	210+04.00	LT&RT	2674	13.48	4005	4005																		5348
191+45.03	195+94.50	LT&RT	449	35.90	1793								349											
191+45.03	195+94.50	LT&RT	449	36.68	1832									305										
191+45.03	195+94.50	LT&RT	449	37.72	1884			57	1884	1884														
196+73.40	198+07.69	LT&RT	134	44.67	667								130											
196+73.40	198+07.69	LT&RT	134	45.67	681									114										
196+73.40	198+07.69	LT&RT	134	47.01	701			21	701	701														
196+73.40	210+04.00	LT&RT	1331	40.67	6012											782		251	292					
198+07.69	210+04.00	LT&RT	1196	16.97	2256								439											
198+07.69	210+04.00	LT&RT	1196	17.97	2389											796								
198+07.69	210+04.00	LT&RT	1196	19.31	2567			77	2567	2567														
198+07.69	210+04.00	LT&RT	1196	23.98	3188						3188					159				177				
* STAGE 2																								
** STAGE 3																								
*** STAGE 5																								
SUBTOTALS						11562		581	19230	19230	6195	574	8981	3367	2287	1365	4536	439	1364	1591	312	1	61	9319
TOTALS CARRIED TO GENERAL SUMMARY						11563		581	19230	19230	6196	574	8981	3368		3652		4536	440	1364	1903	1	62	9319

PAVEMENT SUBSUMMARY

DESIGN AGENCY



DESIGNER
VVG

REVIEWER
WAA 03/28/22

PROJECT ID
110416

SHEET TOTAL
P.087 208

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

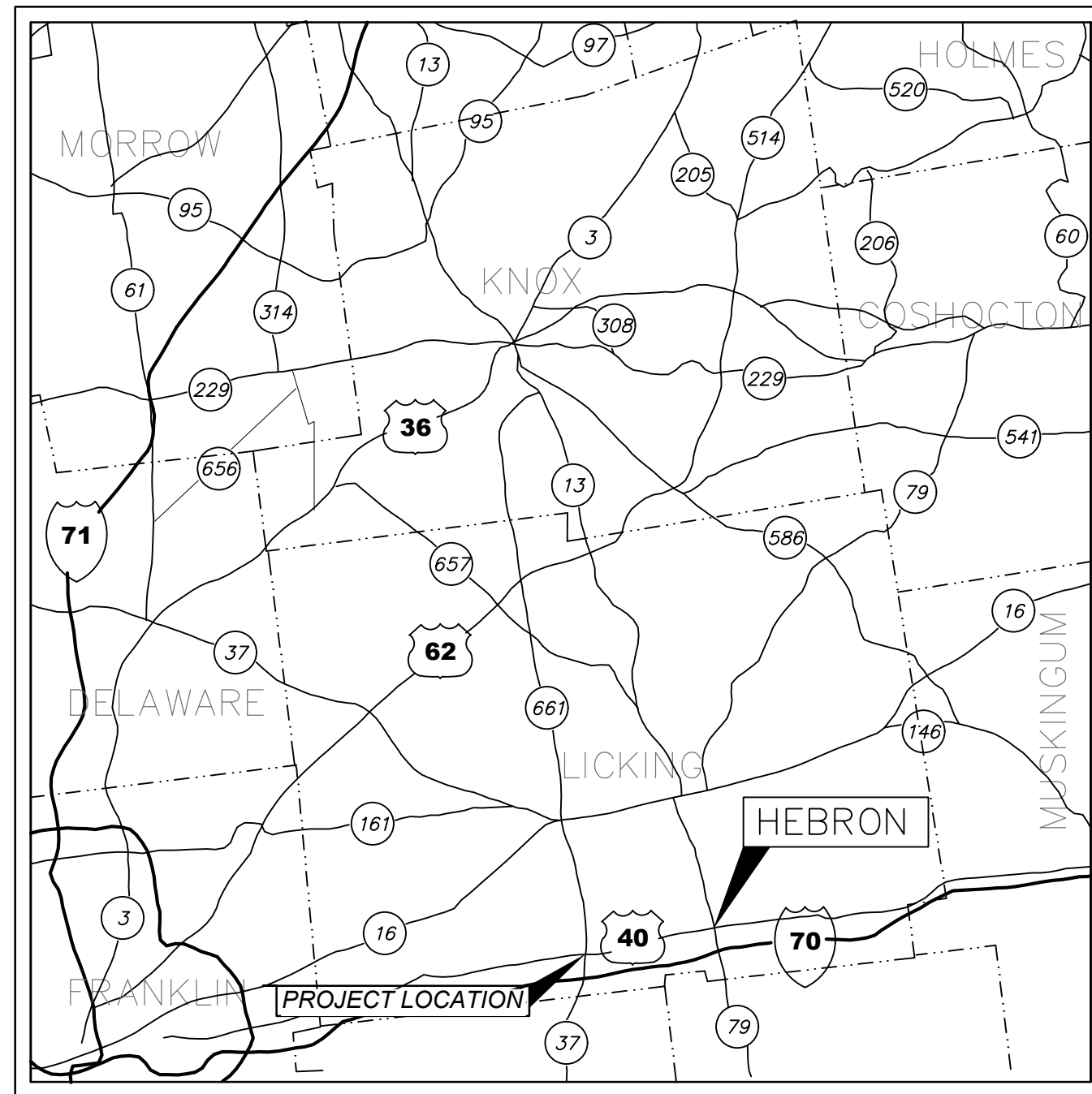
LIC-40-13.15 PART 3

UNION TOWNSHIP

LICKING COUNTY

FOR PART 1, SEE LIC-40-13.15

FOR PART 2, SEE LIC-40-9.37



LOCATION MAP

LATITUDE: 39°57'28" LONGITUDE: 82°31'57"



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

DESIGN DESIGNATION

	<u>US-40</u>	<u>SR-37</u>
OPENING YEAR ADT (2023)	5,400	13,000
DESIGN YEAR ADT (2043)	7,000	17,500
DESIGN HOURLY VOLUME (2043)	700	2,100
DIRECTIONAL DISTRIBUTION	60%	67%
TRUCKS (24 HOUR B&C)	5%	7%
DESIGN SPEED	60 MPH	60 MPH
LEGAL SPEED	55 MPH	55 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	RURAL MAJOR COLLECTOR	RURAL MAJOR COLLECTOR
NHS PROJECT	NO	NO

DESIGN EXCEPTIONS _____ NONE REQUIRED

ADA DESIGN WAIVER _____ NONE 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:



ENGINEER'S SEAL:

SIGNED: _____
DATE: _____

ENGINEER'S SEAL:

SIGNED: ml
DATE: 8/29/2022

INDEX OF SHEETS:

TITLE SHEET	1
WORK LIMITS EXHIBIT	2
GENERAL NOTES & ESTIMATE OF QUANTITIES	3
GENERAL NOTES (CONT.)	4
GENERAL SUMMARY	5
WATERLINE SUB-SUMMARY	6
PLAN AND PROFILE EAST STA. 49+50 ~ 58+50	7
PLAN AND PROFILE EAST STA. 58+50 ~ 61+20	8
PLAN AND PROFILE WEST STA. 0+00 ~ 9+50	9
PLAN AND PROFILE SOUTH STA. 0+00 ~ 9+50	10
PLAN AND PROFILE SOUTH STA. 9+50 ~ 19+50	11

PART 3			
	STANDARD CONSTRUCTION DRAWINGS	SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
			SEE PART 1
	SEE PART 1	SEE PART 1	

FEDERAL PROJECT NUMBER
E191 (297)

RAILROAD INVOLVEMENT
NONE

PROJECT DESCRIPTION
THIS PROJECT INCLUDES THE INSTALLATION OF 0.61 MILES OF 12-INCH WATERLINE, INCLUDING NEW HYDRANTS. THE WATERLINE, CONSTRUCTED UNDER OHIO DEPARTMENT OF TRANSPORTATION'S CONTRACT, WILL BE OWNED AND MAINTAINED BY THE VILLAGE OF HEBRON.

EARTH DISTURBED AREAS
 PROJECT EARTH DISTURBED AREA: 0.10 ACRES
 ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.00 ACRES
 NOTICE OF INTENT EARTH DISTURBED AREA: N/A

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 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.

APPROVED _____
DATE 8/30/2022 MAYOR
VILLAGE OF HEBRON

APPROVED _____
DATE 8/30/2022 VILLAGE ADMINISTRATOR
VILLAGE OF HEBRON

APPROVED _____
DATE 8/30/2022 WATER SUPERINTENDENT
VILLAGE OF HEBRON

APPROVED _____
DATE 8/29/2022 DISTRICT DEPUTY DIRECTOR

APPROVED _____
DATE _____ DIRECTOR, DEPARTMENT OF TRANSPORTATION

TITLE SHEET

LIC-40-13.15

DESIGN AGENCY	
DESIGNER	MJC
REVIEWER	BPC 08-29-22
PROJECT ID	110416
SHEET TOTAL	P.001 11