

# STATE OF OHIO DEPARTMENT OF TRANSPORTATION

## D08-SIGNS-FY2024

TOWNSHIPS OF DELHI, SPRINGFIELD, ANDERSON,  
UNION, AND JEFFERSON

COUNTIES OF HAMILTON, GREENE, AND CLINTON

**FEDERAL PROJECT NUMBER**

E240192

**RAILROAD INVOLVEMENT**

NONE

**PROJECT DESCRIPTION**

SIGN REPLACEMENT FOR EXISTING DELAMINATING  
SIGN SHEETING ISSUE ON INTERSTATE ROUTES IN  
CLINTON, GREENE, AND HAMILTON COUNTIES

**EARTH DISTURBED AREAS**

PROJECT EARTH DISTURBED AREA: N/A ACRES  
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: N/A ACRES  
NOTICE OF INTENT EARTH DISTURBED AREA: N/A ACRES  
MAINTENANCE PROJECT

**LIMITED ACCESS**

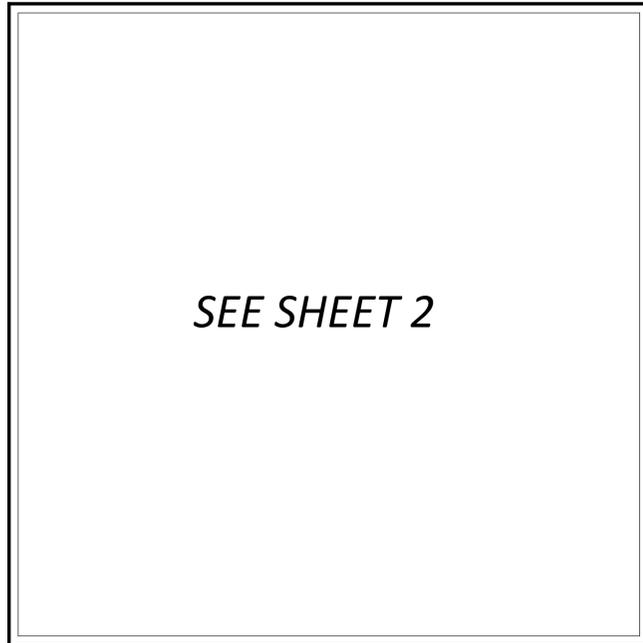
THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND  
HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION  
OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION  
5511.02 OF THE OHIO REVISED CODE.

**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.

*Tammy K. Campbell*  
\_\_\_\_\_  
Tammy K. Campbell, P.E.  
District 08 Deputy Director

*Jack Marchbanks*  
\_\_\_\_\_  
Jack Marchbanks, PhD  
Director, Department of Transportation



**LOCATION MAP**

LATITUDE: 39 °11'09" LONGITUDE: 84 °36'29"



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

**DESIGN DESIGNATION**

CURRENT ADT (20 ) .....	N/A
DESIGN YEAR ADT (20 ) .....	N/A
DESIGN HOURLY VOLUME (20 ) .....	N/A
DIRECTIONAL DISTRIBUTION .....	N/A
TRUCKS (24 HOUR B&C) .....	N/A
DESIGN SPEED .....	N/A
LEGAL SPEED .....	N/A
DESIGN FUNCTIONAL CLASSIFICATION:	
SEE LIST	
NHS PROJECT .....	YES

**DESIGN EXCEPTIONS**

NONE

**ADA DESIGN WAIVERS**

NONE

**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:  
ODOT DISTRICT 8 TRAFFIC DEPARTMENT  
505 SOUTH SR 741  
LEBANON, OH 45036

**INDEX OF SHEETS:**

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**DESIGN FUNCTIONAL CLASSIFICATION LIST**

I-71:	INTERSTATE
I-74:	INTERSTATE
I-75:	INTERSTATE
I-275:	INTERSTATE
U.S. 27:	PRINCIPAL ARTERIAL

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
LA-1.1	10/15/10	MT-101.60	4/21/23	800-2023 1/19/24	
		MT-101.70	4/21/23	821 4/20/12	
MT-95.30	7/19/19	MT-101.75	7/21/23	832 7/21/23	
MT-95.31	7/19/19	MT-105.10	1/17/20	921 4/20/12	
MT-95.32	4/19/19				
MT-95.40	7/21/23	TC-12.31	4/15/22		
MT-95.45	7/21/23	TC-21.21	1/20/23		
MT-95.50	7/21/17	TC-21.50	4/17/20		
MT-97.10	4/19/19	TC-22.20	1/17/14		
MT-98.10	1/17/20	TC-41.20	10/18/13		
MT-98.11	1/17/20				
MT-98.20	4/19/19				
MT-98.22	1/17/20				
MT-98.28	1/17/20				
MT-98.29	1/17/20				
MT-99.60	7/15/16				

**ENGINEER'S SEAL**



TITLE SHEET

DESIGN AGENCY



DESIGNER	NCD
REVIEWER	PMM 12/06/23
PROJECT ID	119271
SHEET	TOTAL
1	13

D08-SIGNS-FY2024

MODEL: Sheet\_SurvFI PAPER SIZE: 34x42 (in.) DATE: 3/14/2024 TIME: 11:18:57 PM USER: pmonnier p:\ohiodot-pw-bentley.com\ohiodot-pw-02\Documents\01 Active Projects\District 08\_D08\119271\400-Engineering\Roadway\Sheets\119271\_GT001.dgn

**ITEM SPECIAL - TREE TRIMMING**

THIS ITEM IS PROVIDED AS A CONTINGENCY, AS DIRECTED BY THE ENGINEER, FOR THE CONTRACTOR TO REMOVE TREE LIMBS AND BRUSH, WHICH OBSTRUCT THE VISIBILITY OF PROPOSED SIGNS.

ALL CUT VEGETATION SHALL BE DISPOSED OF OUTSIDE THE RIGHT OF WAY.

PAYMENT WILL BE MADE PER LINEAR FOT OF TREES AND BRUSH TRIMMED, AS MEASURED ALONG THE EDGE OF PAVEMENT, AND WILL INCLUDE THE REMOVAL OF ALL VEGETATION WITHIN THE MEASURED AREA NECESSARY TO PROVIDE FULL VISIBILITY OF THE SIGN FORM THE NEAR EDGE OF PAVEMENT, AND TO THE SATISFACTION OF THE ENGINEER. TREES SHALL BE TRIMMED SO THAT THE SIGN IS VISIBLE FORM A DISTANCE OF 100 FEET, WHERE POSSIBLE. COORDINATE WITH THE ENGINEER FOR EXCEPTIONS.

THE FOLLOWING ESTIMATED QUANTITY IS PROVIDED FOR USE AS DIRECTED BY THE ENGINEER IN ADDITION TO THE ESTIMATED QUANTITIES:

ITEM SPECIAL - TREE TRIMMING: 1000 FT

**ITEM 623 - CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN**

WORK UNDER THIS ITEM SHALL BE PERFORMED IN ACCORDANCE WITH ODOT CMS SECTION 623, AND SHALL ALSO INCLUDE THE FOLLOWING:

- 1.) CONTRACTOR SHALL FURNISH DIMENSIONS, MEASUREMENT, SKETCHES, ETC. NECESSARY TO DETERMINE PAY QUANTITIES
- 2.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY SURVEYING, CALCULATIONS AND/OR LAYOUT NOT FURNISHED IN THE BID DOCUMENTS TO COMPLY WITH THE ENGINEER'S DIRECTION. CONTRACTOR SHALL PROVIDE TEMPORARY BENCH MARKS, AND LAYOUT (INCLUDING STATIONING AND HUBS) AS DIRECTED BY THE ENGINEER OR HIS REPRESENTATIVE.
- 3.) THE CONTRACTOR SHALL USE COMPETENT PERSONNEL AND SUITABLE EQUIPMENT FOR THE LAYOUT WORK REQUIRED AND SHALL PROVIDE THAT IT BE DONE UNDER THE SUPERVISION OF A REGISTERED SURVEYOR, LICENSED TO PRACTICE IN THE STATE OF OHIO.
- 4.) CONTRACTOR SHALL VERIFY ALL EXISTING HORIZONTAL AND VERTICAL DIMENSIONS INCLUDING BENCHMARKS AND HORIZONTAL CONTROL PRIOR TO BEGINNING CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
- 5.) LONGITUDE AND LATITUDE COORDINATES HAVE BEEN PROVIDED FOR ALL PROJECT SIGN SUPPORTS. PRIOR TO THE INSTALLTION OF ANY SUPPORT, THE CONTRACTOR SHALL STAKE OUT THE LOCATION OF EACH SIGN FOR APPROVAL BY THE ENGINEER. SIGNS SHALL BE STAKED OUT AT LOCATIONS PROVIDED IN THESE PLANS AND PER ODOT SCD TC-42.10 AND TC-42.20
- 6.) THE CONTRACTOR SHALL HAVE ALL UTILITIES MARKED IN THE FIELD PRIOR TO THE INSTALLATION OF ANY SIGNS, SING SUPPORTS, OR FOUNDATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE UTILITY MAKRING UNTIL THE LOCAITON OF THE SIGN SUPPORT OR FOUNDATION IS APPROVED BY THE ENGINEER.
- 7.) THE CONTRACTOR SHALL USE A GPS UNIT CAPABLE OF LOCATING THE PROPOSED SIGN LANGUAGE WITHIN ± ONE FOOT.
- 8.) TEMPORARY BENCHMARKS SHOW ON THE SCHEMATIC PLAN HAVE BEEN SET TO PROVIDE HORIZONTAL AND VERTICAL CONTROL FOR THE INSTALLATION OF THE PROPOSED STRUCUTRAL SUPPORTS. THE CONTRACTOR SHALL REMOVE ALL TEMPORARY BENCHMARKS AT THE COMPLETION OF CONSTRUCTION.

**TRAFFIC CONTROL**

**SIGNS**

UNLESS OTHERWISE DIRECTED BY THE ENGINEER, THE FOLLOWING CONDITIONS SHALL APPLY.

WHERE PHYSICAL CONDITIONS PERMIT, SIGNS SHALL HAVE THE CORRRRECT LATERAL AND VERTICAL CLEARANCE WITH RESPECT TO THE EDGE OF PAVEMENT IN ACCORDANCE WITH THE MINIMUM DISTANCE SHOWN ON THE STANDARD DRAWING. WHERE PHYSICAL CONDITIONS PERMIT, SIGNS ERECTED OR RE-ERECTED ON NEW POST SUPPORTS SHALL BE LOCATED LOGITUDINALLY TO THE ROADWAY IN THE SAME POSITION AS THE EXISITING SIGNS. THE PLANS ARE APPROXIMATE TO SHOW THE ORDER OF SIGNS IN RELATIONSHIP TO EACH OTHER AND ARE NOT TO BE CONSIDERED EXACT LOCAITONS.

EXISITING SIGNS NOT SHOWN ON THE SUMMARY AS WORK LOCATIONS SHALL NOT BE DISTURBED. THE CONTRACTOR SHALL USE A GPS DEVICE TO DETERMINE SIGN LOCATIONS ON THE PLAN.

IF A SIGN IS ENCOUNTERED IN THE FIELD WHICH IS NOT LISTED FOR REMOVAL IN THE QUANTITY FILE, DOUBLE CHECK WITH ODOT ENGINEER BEFORE PROCEEDING WITH ACTION THAT SIGN.

**SIGN NOT TO BE DISTURBED**

ALL LOGO SIGNS, TODS SIGNS AND INTELLIGENT TRANSPORTATION SYSTEM SIGNS SHALL NOT BE DISTURBED. IF THESE SIGNS ARE IN THE LOCATIONS OF A PROPOSED SIGN, THEN THE ENGINEER WILL DETERMINE THE LOCATION OF THE NEW SIGN.

**SIGN DESIGN FILES (SIGNCAD)**

SIGN DESIGN FILES (SIGNCAD FILES) FOR NON-STANDARD GUIDE SIGN SIZES WILL BE PROVIDED AT THE PROJECT PRE-CONSTRUCTION MEETING. THE SIGN DESIGN FILES SUPPLEMENT THE SIGN INFORMATION IN THE PLAN SET. REFER TO THE ESTIMATED QUANTITY SHEETS AND PLAN DETAILS FOR SIZE AND TYPE OF ALL SIGN PANELS. DIRECT ALL QUESTIONS OR COMMENTS TO THE PROJECT ENGINEER.

**DESTINATION SIGNS**

DESTINATION SIGNS SHALL BE INSTALLED IN THE ORDER SHOWN BELOW BASED ON THE ARROW, NOT THE MILEAGE. THE LEGENDS SHOWN IN THE REMARKS COLUMN ARE NOT NECESSARILY IN THE PROPER ORDER. IF TWO DESTINATION SIGNS HAVE THE SAME DIRECTION, THEN THE DESTINATION SIGN WITH THE LOWER MILEAGE SHALL BE PLAVED ABOVE THE DESTINATION SIGN WITH THE HIGHER MILEAGE.

THROUGH ARROW - FIRST FROM TOP  
LEFT ARROW - SECOND FROM TOP  
RIGHT ARROW - THIRD FROM TOP

**EXIT NUMBER PANELS**

EXIT NUMBER PANELS ON OVERHEAD SIGNS OR GROUND MOUNTED SIGNS SHALL BE PLACED TO THE TOP RIGHT OR LEFT OF THE MAJOR SIGN. LOCATION OF THE EXIT NUMBER PANEL IS BASED ON THE RELATION TO THE THROUGH TRAFFIC MOVEMENT (RIGHT SIDE FOR RIGHT-HAND EXITS, LEFT SIDE FOR LEFT-HAND EXITS).

**REMOVAL OF GROUND MOUNTED SIGNS AND REERECTION**

SIGNS MARKED FOR REMOVAL AND REERECTION ARE FLAT SHEET SIGNS ATTACHED TO EXTRUSHEET SIGNS THAT BEING REPLACED. THE EXISTING SIGN BACKING ASSEMBLIES SHALL BE REUSED.

**BUT-27 SIGN INSTALLATION**

THE INTENT OF THIS WORK IS TO PROVIDE ADVANCE WARNING OF THE EXPRESSWAY ENDING ON US-27 IN BUTLER COUNTY PRIOR TO THE TRAFFIC SIGNAL.

THE FOLLOWING WORK IS REQUIRED TO INSTALL TWO NEW OVERHEAD CANTILEVER SIGNS ON SOUTHBOUND US-27 APPROACHING STRUBLE ROAD, APPROXIMATELY 1/2 MILE AND 1 MILE IN ADVANCE OF THE INTERSECTION. ONE SIGN WILL BE 84" X 144" AND THE OTHER WILL BE 84" X 168". EXACT LOCATIONS WITH SIGNS DESIGNS AND ELEVATION VIEWS WILL BE PROVIDED AT THE PRECONSTRUCTIN MEETING. THE FOLLOWING QUANTITIES ARE CARRD TO THE GENERAL SUMMARY FOR THIS WORK:

- ITEM 606 - 75 FT GUARDRAIL, TYPE MGS
- ITEM 606 - 2 EACH ANCHOR ASSEMBLY, TYPE T
- ITEM 625 - 2 EACH GROUND ROD
- ITEM 630 - 2 EACH OVERHEAD SIGN SUPPORT, TYPE TC-12.31, DESIGN 6
- ITEM 630 - 182 SQ FT SIGN, OVERHEAD EXTRUSHEET
- ITEM 630 - 2 EACH RIGID OVERHEAD SIGN SUPPORT FOUNDATION

DESIGN AGENCY



DESIGNER

NCD

REVIEWER

PMM 12/06/23

PROJECT ID

119271

SHEET TOTAL

4 | 13

D08-SIGNS-FY2024

MODEL: Sheet\_SurvFl\_PAPER SIZE: 34x22 (in.) DATE: 3/14/2024 TIME: 1:20:12 PM USER: pmonnier  
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SHEET NUM.							PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
4	8	9	10	11	12	13	01/IMS/21	02/SAE/21						
												<b>ROADWAY</b>		
							LS	LS	201	11000	LS		CLEARING AND GRUBBING	
							1,000		SPECIAL	69098100	1,000	FT	TREE TRIMMING	4
									75	606	75	FT	GUARDRAIL, TYPE MGS	
									2	606	2	EACH	ANCHOR ASSEMBLY, TYPE T	
													<b>TRAFFIC CONTROL</b>	
								2	625	32000	2	EACH	GROUND ROD	
								2	630	72320	2	EACH	OVERHEAD SIGN SUPPORT, TYPE TC-12.31, DESIGN 6	
									204	630	204	EACH	SIGN ATTACHMENT ASSEMBLY	
									4,482.5	630	4,482.5	SF	SIGN, GROUND MOUNTED EXTRUSHEET	
								182	630	80224	10,576.5	SF	SIGN, OVERHEAD EXTRUSHEET	
									105	630	81200	SF	SIGN ERECTED, EXTRUSHEET	
									9	630	82000	EACH	SIGN BACKING ASSEMBLY	
								2	630	84510	2	EACH	RIGID OVERHEAD SIGN SUPPORT FOUNDATION	
									43	630	84900	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
									19	630	85100	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	
									40	630	85400	EACH	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL	
									2	630	87100	EACH	REMOVAL OF OVERHEAD MOUNTED SIGN AND REERECTION	
									106	630	87400	EACH	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL	
													<b>MAINTENANCE OF TRAFFIC</b>	
								300	614	11110	300	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
								8	614	18601	8	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	5
													<b>INCIDENTALS</b>	
								LS	LS	614	11000	LS	MAINTAINING TRAFFIC	
								LS	LS	624	10000	LS	MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY	
DESIGNER	NCD
REVIEWER	PMM 12/06/23
PROJECT ID	119271
SHEET	7
TOTAL	13

ROUTE	LOG POINT	INTERCHANGE ROUTE	OLD SIGN ID	COLLECTOR APP SIGN ID	LATITUDE	LONGITUDE	SIDE (BASED ON DIRECTION OF TRAVEL)	DIRECTION OF TRAVEL	SIGN CODE	SIZE (INCHES)		630	630	630	630	630	630	630	630	630	630	630	REMARKS
										W	H												
CLI-71	44.824		NA	SGN0385061	39.484002	-83.946652	RT	NORTH	E1-H5P	84	30	17.5											EXIT 45
CLI-71	43.646		NA	SGN0385058	39.474693	-83.964949	RT	NORTH	SPEC	156	84	91											ODNR CAESAR CREEK COWAN LAKE STATE PARKS
CLI-71	43.646		NA	SGN0385058	39.474693	-83.964949	RT	NORTH	E1-H5P	84	30	17.5											EXIT 45 (BROWN)
CLI-71	46.476		107	SGN0386060	39.494329	-83.917472	RT	SOUTH	SPEC	156	84	91											ODNR CAESAR CREEK COWAN LAKE STATE PARKS
CLI-71	46.476		107	SGN0386060	39.494329	-83.917472	RT	SOUTH	E1-H5P	84	30	17.5											EXIT 45 (BROWN)
CLI-71	0.023	US 68	3	SGN0358923	39.517866	-83.845371	OVRD	SOUTH	SPEC	108	84												71 NORTH COLUMBUS LT ARR
CLI-71	0.42	US 68	4	SGN0359018	39.520516	-83.846193	OVRD	SOUTH	SPEC	108	84												71 SOUTH CINCINNATI RT ARR
CLI-71	0.515	US 68	5	SGN0359028	39.521545	-83.846423	OVRD	SOUTH	M2-H5 MOD	120	72												NORTH 71 SOUTH UP ARR RT HOOK
CLI-71	0.245	US 68	1	SGN0385790	39.520588	-83.844447	RT	SOUTH	D1-H16a	132	48	44											LT ARR WILMINGTON 5 XENIA 13 RT ARR
CLI-71	0.245	US 68	1	SGN0386171	39.520588	-83.844447	RT	SOUTH	SPEC	120	36	30											LT ARR WILMINGTON AIR PARK 9
GRE-71	58.216		62	SGN0472159	39.554918	-83.724035	RT	SOUTH	SPEC	216	120	180											72 SABINA JAMESTOWN ARR
GRE-71	58.216		62	SGN0472155	39.554918	-83.724035	RT	SOUTH	E1-H5P	84	30	17.5											EXIT 58
GRE-71	58.561		61	SGN0385777	39.552604	-83.730523	RT	SOUTH	SPEC	180	144	180											72 SABINA JAMESTOWN 1/2 MILE
GRE-71	58.561		61	SGN0385777	39.552604	-83.730523	RT	SOUTH	E1-H5P	84	30	17.5											EXIT 58
GRE-71	59.061		61	SGN0386157	39.550059	-83.738658	RT	SOUTH	SPEC	180	144	180											72 SABINA JAMESTOWN 1 MILE
GRE-71	59.061		61	SGN0386157	39.550059	-83.738658	RT	SOUTH	E1-H5P	84	30	17.5											EXIT 58
GRE-71	61.429		55	SGN0240679	39.588564	-83.666479	LT	SOUTH	I-H2h	72	48	24											ENTERING GREENE COUNTY
GRE-71	0.381	SR 72	9	SGN0404138	39.55639	-83.718558	RT	SOUTH	M2-H4	108	36	27											NORTH 71 SOUTH UP ARR RT ARR
BUT-75	20.498		1	SGN0195783	39.33568	-84.408317	OVRD	NORTH	E1-H5P	84	30												EXIT 21
BUT-75	20.891		2	SGN0195789	39.33889	-84.402298	OVRD	NORTH	E1-H5P	84	30												EXIT 21
BUT-75	21.625		3	SGN0195794	39.343326	-84.389896	OVRD	NORTH	E1-H5P	84	30	17.5											EXIT 24
BUT-75	23.166		4	SGN0195802	39.35865	-84.369628	OVRD	NORTH	E1-H5P	84	30	17.5											EXIT 24
BUT-75	23.166		4	SGN0195802	39.35865	-84.369628	OVRD	NORTH	SPEC	156	144		156										129 WEST HAMILTON 1/4 MILE DOWN ARR (REF NEW ELEVATION VIEW)
BUT-75	23.166		4	SGN0195802	39.35865	-84.369628	OVRD	NORTH	E1-H5P	84	30	17.5											EXIT 24
BUT-75	23.166		4	SGN0195802	39.35865	-84.369628	OVRD	NORTH	SPEC	192	108	144											LIBERTY WAY 1/4 MILE EXIT ONLY W/ DOWN ARR (REF NEW ELEVATION VIEW)
BUT-75	23.551		5	SGN0197413	39.363826	-84.366907	OVRD	NORTH	E1-H5P	84	30	17.5											EXIT 24
BUT-75	23.551		6	SGN0195804	39.363826	-84.366907	OVRD	NORTH	E1-H5P	84	30	17.5											EXIT 24
TOTALS CARRIED TO GENERAL SUMMARY												952	503.5	105	12	9	9	1	7	2	9		

ESTIMATED QUANTITIES - CLI/GRE-71 AND BUT 75

DESIGN AGENCY  
  
 DESIGNER  
 PMM  
 REVIEWER  
 PMM 12/06/23  
 PROJECT ID  
 119271  
 SHEET TOTAL  
 8 13

ROUTE	LOG POINT	INTERCHANGE ROUTE	OLD SIGN ID	COLLECTOR APP SIGN ID	LATITUDE	LONGITUDE	SIDE (BASED ON DIRECTION OF TRAVEL)	DIRECTION OF TRAVEL	SIGN CODE	SIZE (INCHES)		630	630	630	630	630	630	630	630	REMARKS			
										W	H												
HAM-275	69.895		4	SGN0519256	39.055523	-84.369367	RT	WEST	SPEC	216	144										US52 New Richmond Kellogg Ave 1 1/2 MILES		
HAM-275	69.895		4A	SGN0519236	39.055523	-84.369367	RT	WEST	E1-H5P	132	30		27.5									EXITS 71-72	
HAM-275	70.788		10	SGN0519258	39.057989	-84.384852	RT	WEST	SPEC	228	108		171									US52 EAST New Richmond 1/2 MILE	
HAM-275	70.788		10A	SGN0519257	39.057989	-84.384852	RT	WEST	E1-H5P	84	30		17.5									EXIT 71	
HAM-275	72.147		43	SGN0519260	39.056589	-84.40875	RT	EAST	SPEC	144	120	120										Riverbend/Belterra Park Gaming/Woodland Mound Park	
HAM-275	72.147		43A	SGN0519259	39.056589	-84.40875	RT	EAST	E1-H5P	84	30		17.5									EXIT 71 (BROWN)	
HAM-275	72.397		25	SGN0519262	39.058655	-84.413202	RT	WEST	SPEC	192	60	80										Lunken Airport NEXT RIGHT	
HAM-275	72.397		25A	SGN0519261	39.058655	-84.413202	RT	WEST	E1-H5P	84	30	17.5										EXIT 72	
HAM-275	72.62		28	SGN0519263	39.06006	-84.416754	RT	WEST	E5-H1A	72	60	30										72	
HAM-275	72.849		38	SGN0519264	39.060319	-84.420707	RT	EAST	R25-H1	120	60	50										MOVE OVER	
HAM-275	72.429		42	SGN0519265	39.058388	-84.41347	RT	EAST	I-H2E	84	36	21										Anderson	
HAM-275	0.432	US 52	10	SGN0445518	39.053688	-84.391171	RT	EAST	SPEC	144	84	84										Riverbend/Belterra Park Gaming NEXT RIGHT	
HAM-275	0.317	US 52	9	SGN0445519	39.055266	-84.391889	OVRD	EAST	SPEC	168	96		112									Kellogg Ave WEST KEEP RIGHT	
HAM-275	0.141	US 52	9	SGN0519266	39.059731	-84.422338	RT	WEST	D3-H5	108	36	27										Kellogg Ave	
HAM-275	0.239	KELLOGG	3	SGN0519267	39.062181	-84.419774	RT	EAST	D3-H5	108	36	27										Kellogg Ave	
HAM-275	0.239	KELLOGG	3	SGN0519458	39.062181	-84.419774	RT	EAST	D3-H3a	108	24											LT ARR Coney Is	
HAM-275	0.625	KELLOGG	12	SGN0196166	39.064337	-84.423216	RT	SOUTH	SPEC	108	84		63									WEST 275 TO 471 Kentucky KEEP RIGHT	
HAM-275	0.509	KELLOGG	11	SGN0196165	39.062744	-84.422632	RT	SOUTH	SPEC	108	84		63									WEST 275 TO 471 Kentucky up ARR	
HAM-275	0.32	KELLOGG	8	SGN0443553	39.060211	-84.420956	RT	NORTH	SPEC	108	84		63									WEST 275 TO 471 Kentucky KEEP RIGHT	
HAM-275	0.272	KELLOGG	4	SGN0197549	39.059712	-84.420520	LT	SOUTH	SPEC	108	84		63									EAST 275 EAST 52 Columbus left ARR	
HAM-275	0.125	US 52	1	SGN0445529	39.051894	-84.390536	RT	EAST	SPEC	144	84	84										Riverbend Belterra Park Gaming NEXT RIGHT	
HAM-275	0.227	US 52	2	SGN0197551	39.050409	-84.389840	OVRD	EAST	SPEC	228	120		190									52 EAST New Richmond down ARR	
HAM-275	0.227	US 52	2A	SGN0196168	39.050409	-84.389840	OVRD	EAST	SPEC	228	72		114									Kellogg Ave WEST ARR	
HAM-275	0.271	US 52	3	SGN0519459	39.0496	-84.389781	RT	EAST	E5-H1	72	60	30											
HAM-275	0.252	US 52	3	SGN0445490	39.046077	-84.383676	RT	EAST	E5-H1	72	60	30											
HAM-275	0.157	US 52	5	SGN0196172	39.048857	-84.391074	OVRD	EAST	SPEC	144	60		60									52 EAST New Richmond ARR	
HAM-275	0.277	US 52	8	SGN0445384	39.048173	-84.389131	RT	EAST	SPEC	108	84	63										WEST 52 TO 275 Kentucky Cincinnati ARR	
HAM-275	0.44	US 52	11	SGN0197555	39.04734	-84.386273	OVRD	EAST	SPEC	108	60		45									WEST 52 TO 275	
TOTALS CARRIED TO GENERAL SUMMARY												681	1205	0	28		9	6	6		13		

ESTIMATED QUANTITIES - HAM-275 EASTERN

DESIGN AGENCY  
  
 DESIGNER  
**PMM**  
 REVIEWER  
**PMM 12/06/23**  
 PROJECT ID  
**119271**  
 SHEET TOTAL  
 13 | 13