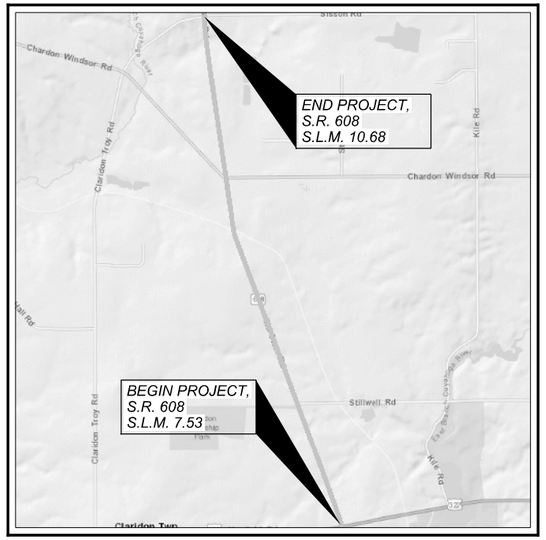
STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

GEA-608-7.53

Claridon Towhship
Hambden Towhship

Geauga County



LOCATION MAP

LATITUDE: 41 ° 32' 49.8" LONGITUDE: -81° 07' 23.8"

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

DESIGN DESIGNATION

	S.L.M 7.53 to 12.84
CURRENT ADT (2020)	*2,900*
DESIGN YEAR ADT (2040)	*3,200*
DESIGN HOURLY VOLUME (2040)	*300*
DIRECTIONAL DISTRIBUTION	*0.01*
TRUCKS (24 HOUR B&C)	*15%*
DESIGN SPEED	*45*
LEGAL SPEED	*45*

DESIGN FUNCTIONAL CLASSIFICATION:
Rural Major Collector
NHS PROJECT ---------- *NO*

DESIGN EXCEPTIONS

None

INDEX OF SHEETS:

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FEDERAL PROJECT NUMBER

(E191)036

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

The project consists of the resurfacing of SR-608 from SR-322 (Mayfield Rd) to Sisson Rd in Claridon and Hambden Townships.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	*N/A Maintenance Project*
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	*N/A Maintenance Project*
NOTICE OF INTENT EARTH DISTURBED AREA:	*N/A 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.

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.

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 12
Planning and Engineering
5500 Transportation Blvd.
Garfield Heights, OH 44125

ENGINEER'S SEAL:

STATE OF OHIO
Eric Matthew Kallio
E - 59990
REGISTERED PROFESSIONAL ENGINEER

SIGNED: Eric M. Kallio
DATE: 10-14-2020

STANDARD CONSTRUCTION DRAWINGS

BP-3.1	*01/17/20*	*MT-97.10*	*4/19/19*	*TC-41.20*	*10/18/13*				*800-2020*	*10/16/20*	
		MT-97.12	*1/20/17*	*TC-61.10*	*1/17/20*				*821*	*4/20/12*	
		MT-99.20	*4/19/19*	*TC-64.10*	*1/17/20*				*832*	*10/19/18*	
		MT-101.90	*7/17/20*	*TC-65.10*	*1/17/14*				*872*	*4/17/20*	
		MT-105.10	*1/17/20*	*TC-65.11*	*7/21/17*				*874*	*4/17/20*	
				TC-71.10	*1/19/18*				*875*	*1/18/19*	
				TC-82.10	*7/19/19*				*921*	*4/20/12*	

SUPPLEMENTAL SPECIFICATIONS

SPECIAL PROVISIONS

APPROVED _____
DATE 10/21/20 *DISTRICT DEPUTY DIRECTOR*

APPROVED _____
DATE _____ *DIRECTOR, DEPARTMENT OF TRANSPORTATION*

Title Sheet

DESIGN AGENCY

DESIGNER
JDA

REVIEWER
EJK 08-03-20

PROJECT ID
99628

SHEET 1 TOTAL 22

GEA-608-7.53

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 1/15/2021 TIME: 10:21:43 AM USER: jallbfig1
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SHEET NUM.												PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
4-6	7-9	11	12									01/STR/PV	02/SAE/PV						
																		ROADWAY	
		6.27										6.27		209	60501	6.27	MILE	LINEAR GRADING, AS PER PLAN	5
3												3		623	39501	3	EACH	MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN	5
																		EROSION CONTROL	
												1,000		832	30000	1,000	EACH	EROSION CONTROL	
																		PAVEMENT	
1,000												1,000		251	01001	1,000	SY	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN	5
900												900		253	02000	900	CY	PAVEMENT REPAIR	
		48,112										48,112		254	01001	48,112	SY	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN , 1.5"	5
		4,089										4,089		407	20000	4,089	GAL	NON-TRACKING TACK COAT	
		2,004										2,004		441	10101	2,004	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), AS PER PLAN, 1-1/2"	6
		102.04										102.04		617	10101	102.04	CY	COMPACTED AGGREGATE, AS PER PLAN	5
3.13													3.13	618	43000	3.13	MILE	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE)	
		3.13										3.13		874	21000	3.13	MILE	LONGITUDINAL JOINT PREPARATION	
																		TRAFFIC CONTROL	
			629									629		621	00100	629	EACH	RPM	
472												472		621	54000	472	EACH	RAISED PAVEMENT MARKER REMOVED	
			6.26									6.26		646	10010	6.26	MILE	EDGE LINE, 6"	
			3.13									3.13		646	10200	3.13	MILE	CENTER LINE	
			75									75		646	10400	75	FT	STOP LINE	
			140									140		646	10500	140	FT	CROSSWALK LINE	
												LS		SPECIAL	69098400	LS		INVENTORY EXISTING PAVEMENT MARKINGS	6
																		TRAFFIC SIGNALS	
2												2		632	26500	2	EACH	DETECTOR LOOP	
																		MAINTENANCE OF TRAFFIC	
	80											80		614	11110	80	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
	50											50		614	13001	50	CY	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC, AS PER PLAN	9
	2											2		614	18600	2	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN	
	3.13											3.13		614	21100	3.13	MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	
	3.13											3.13		614	21550	3.13	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	
	6.26											6.26		614	22110	6.26	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT	
	6.26											6.26		614	22360	6.26	MILE	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT	
	75											75		614	26200	75	FT	WORK ZONE STOP LINE, CLASS I, 642 PAINT	
	75											75		614	26610	75	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	
	140											140		614	27200	140	FT	WORK ZONE CROSSWALK LINE, CLASS I, 642 PAINT	
	140											140		614	27620	140	FT	WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT	
	300											300		630	97800	300	SF	SIGNING, MISC.: ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY THE ENGINEER	
																		INCIDENTALS	
												LS		614	11000	LS		MAINTAINING TRAFFIC	
6												6		619	16011	6	MNTH	FIELD OFFICE, TYPE B, AS PER PLAN	5
												LS		623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
												LS		624	10000	LS		MOBILIZATION	

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General Summary

DESIGN AGENCY

DESIGNER JDA

REVIEWER EJK 08-03-20

PROJECT ID 99628

SHEET 10 TOTAL 22

REF. NO.	SHEET NO.	PLAN SPLIT NO.	STATION TO STATION		LENGTH	BEGIN WIDTH	ENDING WIDTH	AVERAGE WIDTH	AREA			209 LINEAR GRADING, AS PER PLAN		441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), AS PER PLAN, 1-1/2"	254 PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN , 1.5"	407 NON-TRACKING TACK COAT		617 COMPACTED AGGREGATE, AS PER PLAN	874 LONGITUDINAL JOINT PREPARATION		
					FT.	FT.	FT.	FT.	SQ. YD.			MILE		CY	SY	GAL		CY	FT		
			S.R. 608																		
		1	0+17.49	0+56.82	39.33	135.00	26.00	80.50	351.79			0.01		15	351.79	30		0.2	39.33		
		1	0+56.82	39+67.84	3911.02	26.00	26.00	26.00	11298.51			1.48		471	11298.51	960		24.1	3911.02		
		1	39+67.84	39+96.21	28.37	26.00	39.00	32.50	102.45			0.01		4	102.45	9		0.2	28.37		
		1	39+96.21	40+36.50	40.29	39.00	40.00	39.50	176.83			0.02		7	176.83	15		0.2	40.29		
		1	40+36.50	40+62.65	26.15	40.00	26.00	33.00	95.89			0.01		4	95.89	8		0.2	26.15		
		1	40+62.65	165+13.24	12450.59	26.00	26.00	26.00	35968.38			4.72		1499	35968.38	3057		76.9	12450.59		
		1	165+13.24	165+37.30	24.06	26.00	36.00	31.00	82.88			0.01		3	82.88	7		0.1	24.06		
		1	165+72.48	165+82.57	10.09	36.00	26.00	31.00	34.76			0.00		1	34.76	3		0.1	10.09		
			SUBTOTALS									6.27		2004	48112	4089		102	16529.9		
			TOTALS CARRIED TO GENERAL SUMMARY									6.27		2004	48112	4089		102	3.13 MI		

Pavement Subsummary

DESIGN AGENCY

DESIGNER JDA

REVIEWER EJK 08-03-20

PROJECT ID 99628

SHEET 11 TOTAL 22

GEA-608-7.53

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