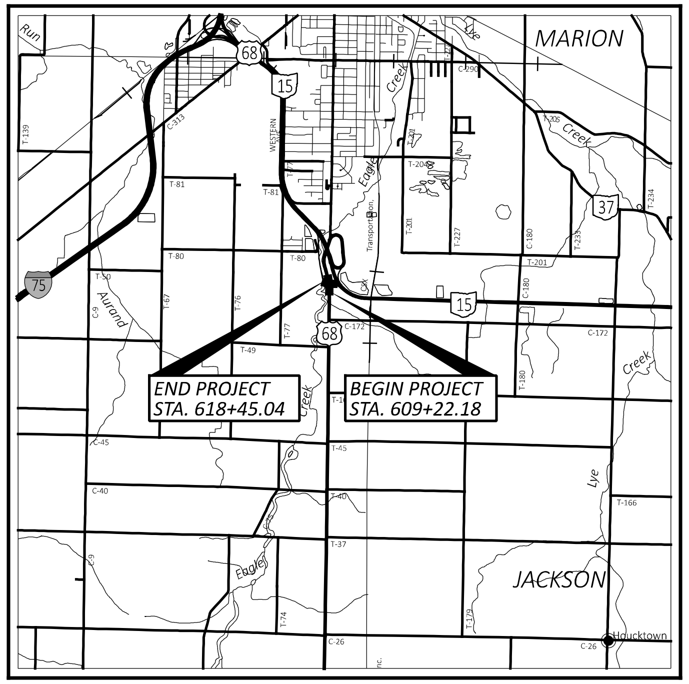


LOCATION MAP

LATITUDE: 40°59'23" LONGITUDE: 83°38'49"

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

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

HAN-US68/SR15-INTERCHANGE

CITY OF FINDLAY

JACKSON TOWNSHIP, EAGLE TOWNSHIP, LIBERTY TOWNSHIP

HANCOCK COUNTY

INDEX OF SHEETS:

FEDERAL PROJECT NUMBER

E230(864)

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

THIS PROJECT INVOLVES 0.17 MILES OF IMPROVEMENTS ALONG US 68 INCLUDING RECONFIGURING THE INTERSECTION OF US 68 AND THE SR 15 RAMPS TO PROVIDE A SINGLE LANE ROUNDABOUT. A PORTION OF THE EXISTING SR 15 SOUTHBOUND OFF RAMP WILL BE REMOVED AND RELOCATED TO TIE INTO THE RECONFIGURED INTERSECTION WHILE 0.38 MILES OF THE EXISTING SOUTHBOUND OFF RAMP WILL BE CONVERTED TO A TWO-LANE TOWNSHIP ROAD AS PART OF THIS PROJECT. WORK WILL ALSO INCLUDE INSTALLING ROUNDABOUT LIGHTING, DRAINAGE AND PERMANENT TRAFFIC CONTROL.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 8.0 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 1.3 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA: 9.3 ACRES

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 AND CHANGES LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

TITLE SHEET

FOR DESIGN DESIGNATIONS SEE SHEET 2

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON SHEET P.15.

DISTRICT DEPUTY DIRECTOR

Christopher A. Hughes, P.E.
District 01 Deputy Director

DIRECTOR, DEPARTMENT OF TRANSPORTATION

Jack Marchbanks, PhD
Director, Department of Transportation

ADA DESIGN WAIVERS

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)

Stantec
1500 Lake Shore Drive, Suite 100
Columbus, Ohio 43204
(614) 486-4383

ENGINEER'S SEAL
ROADWAY & LANDSCAPING PLAN FOR SHEETS P.1-P.79, P.102-P.103
STATE OF OHIO — ANGELA L. BOYCE E-71465 — REGISTERED PROFESSIONAL ENGINEER

ENGINEER'S SEAL
TRAFFIC CONTROL & LIGHTING FOR SHEETS P.80-P.101
STATE OF OHIO — PAUL J. DURHAM E-81699 — REGISTERED PROFESSIONAL ENGINEER

STANDARD CONSTRUCTION DRAWINGS										SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS
BP-3.1	1/21/22	LA-1.2	1/16/09	HL-10.12	7/21/23	TC-21.11	7/16/21	TC-72.20	7/21/23	800-2023	10/20/23	WATERWAY PERMIT SPECIAL PROVISIONS, 1/16/2024
BP-4.1	7/19/13			HL-10.13	1/20/23	TC-21.21	1/20/23			813	7/21/23	
BP-5.1	7/15/22	MGS-1.1	7/16/21	HL-20.11	7/21/23	TC-41.10	7/19/13			821	4/20/12	
BP-9.1	1/18/19	MGS-2.1	1/19/18	HL-30.11	7/21/23	TC-41.20	10/18/13			832	7/21/23	
		MGS-3.1	1/19/18	HL-30.22	1/15/21	TC-41.30	4/21/23			836	1/19/18	
CB-3	7/16/21	MGS-4.2	7/19/13	HL-40.20	7/21/23	TC-41.40	10/18/13			902	7/19/19	
CB-3A	7/16/21	MGS-4.3	1/18/13	HL-60.11	7/21/17	TC-41.50	10/18/13			913	4/16/21	
CB-8	7/16/21			HL-60.31	7/21/23	TC-42.10	10/18/13			921	4/20/12	
		MH-3	7/21/23			TC-42.20	10/18/13					
DM-1.1	7/17/20			MT-95.40	7/21/23	TC-51.11	1/15/16					
DM-1.2	7/16/21	RM-4.2	4/17/20	MT-95.45	7/21/23	TC-51.12	1/15/16					
DM-4.2	7/20/12			MT-101.70	4/21/23	TC-52.10	10/18/13					
DM-4.3	1/15/16	HW-2.1	7/15/22	MT-101.90	7/17/20	TC-52.20	1/15/21					
DM-4.4	1/15/16	HW-2.2	7/20/18	MT-103.10	1/21/22	TC-65.10	1/17/14					
				MT-105.10	1/17/20	TC-65.11	7/15/22					
F-3.3	7/19/13	HL-10.11	7/21/23			TC-71.10	4/21/23					

HAN US68/SR15 INTERCHANGE
MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 1/29/2024 TIME: 9:53:01 AM USER: SLParker
U:\174316204\transportation\112280\400-Engineering\Roadway\Sheets\112280_GT001.dgn

DESIGN AGENCY
Stantec
1500 LAKE SHORE DRIVE, SUITE 100
COLUMBUS, OH 43204
(614) 486-4383

DESIGNER	SLP
REVIEWER	ALB 10/30/23
PROJECT ID	112280
SHEET	P.1
TOTAL	109

CURVE DATA
℄ U.S. 68
CURVE NO. 1

P.I. = Sta. 613+84.85
Δ = 16°29'38" LT
Dc = 02°23'14"
R = 2,400.00'
T = 347.85'
L = 690.89'
E = 25.08'
Emax = NC
PC = STA. 610+37.00
PT = STA. 617+27.89

CURVE DATA
℄ RAMP A
CURVE NO. 2

P.I. = Sta. 616+07.57
Δ = 100°32'41" LT
Dc = 28°38'52"
R = 200.00'
T = 240.67'
L = 350.97'
E = 112.92'
Emax = 5.73%
PC = STA. 613+66.90
PT = STA. 617+17.87

CURVE DATA
℄ RAMP A
CURVE NO. 3

P.I. = Sta. 620+04.61
Δ = 08°49'05" RT
Dc = 03°49'11"
R = 1,500.00'
T = 115.66'
L = 230.86'
E = 4.45'
Emax = 5.07%
PC = STA. 618+88.96
PT = STA. 621+19.81

CURVE DATA
℄ RAMP A
CURVE NO. 4

P.I. = Sta. 625+15.12
Δ = 06°29'02" LT
Dc = 01°21'45"
R = 4,205.00'
T = 238.19'
L = 475.87'
E = 6.74'
Emax = 3.45%
PC = STA. 622+76.94
PT = STA. 627+52.80

CURVE DATA
℄ RAMP B
CURVE NO. 5

Emax = MATCH EX.
= STA. Linear Annotation.Point Station
= STA. Linear Annotation.Point Station

CURVE DATA
℄ EX. R/W & CONSTRUCTION S.R. 15
CURVE NO. 6

P.I. = Sta. 640+13.14
Δ = 28°31'42" LT
Dc = 02°01'21"
R = 2,832.78'
Ls = 248.60'
θs = 02°30'51"
LT = 165.75'
ST = 82.88'
Lc = 1,161.88'
Ts = 844.70'
Es = 91.05'
Emax = MATCH EX.
T.S. = STA. 631+68.44
S.C. = STA. 634+17.04
C.S. = STA. 645+78.92
S.T. = STA. 648+27.52

CURVE DATA
℄ EX. R/W & CONSTRUCTION S.R. 15
CURVE NO. 7

P.I. = Sta. 609+82.04
Δ = 72°34'40" RT
Dc = 03°00'00"
R = 1,909.86'
Ls = 400.00'
θs = 06°00'00"
LT = 266.82'
ST = 133.47'
Lc = 2,019.26'
Ts = 1,604.85'
Es = 463.90'
Emax = MATCH EX.
T.S. = STA. 593+77.19
S.C. = STA. 597+77.19
C.S. = STA. 617+96.45
S.T. = STA. 621+96.45

CURVE DATA
℄ T.R. 80
CURVE NO. 8

P.I. = Sta. 12+03.49
Δ = 86°41'45" RT
Dc = 114°35'30"
R = 50.00'
T = 47.20'
L = 75.66'
E = 18.76'
Emax = 1.60%
PC = STA. 11+56.29
PT = STA. 12+31.95

CURVE DATA
℄ T.R. 80
CURVE NO. 9

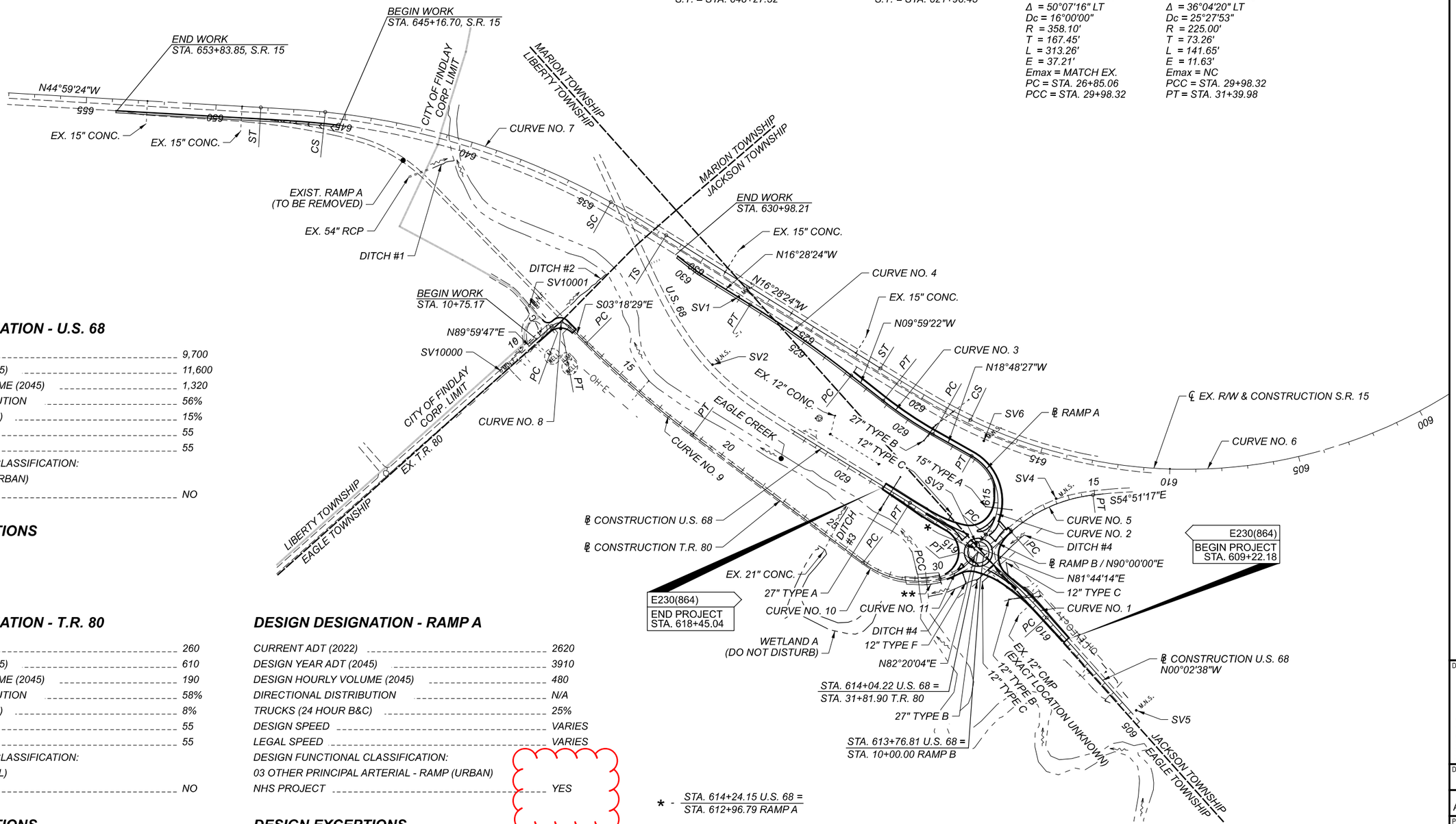
P.I. = Sta. 15+93.47
Δ = 08°09'51" LT
Dc = 1°30'26"
R = 3800.00'
T = 271.19'
L = 541.47'
E = 9.66'
Emax = MATCH EX.
PC = STA. 13+22.27
PT = STA. 18+63.74

CURVE DATA
℄ T.R. 80
CURVE NO. 10

P.I. = Sta. 28+52.51
Δ = 50°07'16" LT
Dc = 16°00'00"
R = 358.10'
T = 167.45'
L = 313.26'
E = 37.21'
Emax = MATCH EX.
PC = STA. 26+85.06
PCC = STA. 29+98.32

CURVE DATA
℄ T.R. 80
CURVE NO. 11

P.I. = Sta. 30+71.58
Δ = 36°04'20" LT
Dc = 25°27'53"
R = 225.00'
T = 73.26'
L = 141.65'
E = 11.63'
Emax = NC
PCC = STA. 29+98.32
PT = STA. 31+39.98



DESIGN DESIGNATION - U.S. 68

CURRENT ADT (2022)	9,700
DESIGN YEAR ADT (2045)	11,600
DESIGN HOURLY VOLUME (2045)	1,320
DIRECTIONAL DISTRIBUTION	56%
TRUCKS (24 HOUR B&C)	15%
DESIGN SPEED	55
LEGAL SPEED	55
DESIGN FUNCTIONAL CLASSIFICATION:	
04 MINOR ARTERIAL (URBAN)	
NHS PROJECT	NO

DESIGN EXCEPTIONS

NONE REQUIRED

DESIGN DESIGNATION - T.R. 80

CURRENT ADT (2022)	260
DESIGN YEAR ADT (2045)	610
DESIGN HOURLY VOLUME (2045)	190
DIRECTIONAL DISTRIBUTION	58%
TRUCKS (24 HOUR B&C)	8%
DESIGN SPEED	55
LEGAL SPEED	55
DESIGN FUNCTIONAL CLASSIFICATION:	
07 LOCAL ROAD (RURAL)	
NHS PROJECT	NO

DESIGN EXCEPTIONS

NONE REQUIRED

DESIGN DESIGNATION - RAMP A

CURRENT ADT (2022)	2620
DESIGN YEAR ADT (2045)	3910
DESIGN HOURLY VOLUME (2045)	480
DIRECTIONAL DISTRIBUTION	N/A
TRUCKS (24 HOUR B&C)	25%
DESIGN SPEED	VARIES
LEGAL SPEED	VARIES
DESIGN FUNCTIONAL CLASSIFICATION:	
03 OTHER PRINCIPAL ARTERIAL - RAMP (URBAN)	
NHS PROJECT	YES

DESIGN EXCEPTIONS

NONE REQUIRED

* - STA. 614+24.15 U.S. 68 = STA. 612+96.79 RAMP A

** - EX. BRIDGE
SFN: 3202046

NOTE:
THERE ARE NO LANDSCAPED AREAS WITHIN THE WORK LIMITS.

HORIZONTAL SCALE IN FEET
0 100 200 400

SCHEMATIC PLAN

HAN US68/SR15 INTERCHANGE

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 1/29/2024 TIME: 9:53:06 AM USER: SLParker
U:\174316204\transportation\112280\400-Engineering\Roadway\Sheets\112280_GB003.dgn

DESIGN AGENCY
Stantec
1500 LAKE SHORE DRIVE, SUITE 100
COLUMBUS, OH 43204
(614) 486-4383

DESIGNER	SLP
REVIEWER	ALB 10/30/23
PROJECT ID	112280
SHEET	P.2
TOTAL	109

SHEET NUM.													PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
P.9	P.10	P.11	P.19	P.20	P.21	P.69	P.79						01/NHS/66						
																		ROADWAY	
LS													LS	201	11001	LS		CLEARING AND GRUBBING, AS PER PLAN	P.9
			5										5	202	20010	5	EACH	HEADWALL REMOVED	
					9,862								9,862	202	23000	9,862	SY	PAVEMENT REMOVED	
			246										246	202	35100	246	FT	PIPE REMOVED, 24" AND UNDER	
			136										136	202	35200	136	FT	PIPE REMOVED, OVER 24"	
			89										89	202	35201	89	FT	PIPE REMOVED, OVER 24", AS PER PLAN	P.10
			377										377	202	38000	377	FT	GUARDRAIL REMOVED	
			3										3	202	42010	3	EACH	ANCHOR ASSEMBLY REMOVED, TYPE E	
			1										1	202	47000	1	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED	
			1										1	202	58000	1	EACH	MANHOLE REMOVED	
			1										1	202	58100	1	EACH	CATCH BASIN REMOVED	
			94										94	202	75000	94	FT	FENCE REMOVED	
			2,793										2,793	203	10000	2,793	CY	EXCAVATION	
2,233			17,811			25							20,069	203	20000	20,069	CY	EMBANKMENT	
	1,909				11,654								13,563	204	10000	13,563	SY	SUBGRADE COMPACTION	
2,233	476												2,709	204	13000	2,709	CY	EXCAVATION OF SUBGRADE	
	476												476	204	30020	476	CY	GRANULAR MATERIAL, TYPE C	
5													5	204	45000	5	HOUR	PROOF ROLLING	
	1,909												1,909	204	50000	1,909	SY	GEOTEXTILE FABRIC	
			12.5										12.5	606	15051	12.5	FT	GUARDRAIL, TYPE MGS, AS PER PLAN	P.10
			2										2	606	26150	2	EACH	ANCHOR ASSEMBLY, MGS TYPE E, (MASH 2016)	
			1										1	606	26550	1	EACH	ANCHOR ASSEMBLY, MGS TYPE T	
			1										1	606	35003	1	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, AS PER PLAN	P.10
			2										2	607	98100	2	EACH	FENCE, MISC.: END POST ASSEMBLY	P.10
													LS	623	50000	LS		PRECONSTRUCTION SURVEY MONUMENT VERIFICATION AND REPORT	
													LS	623	51000	LS		POST CONSTRUCTION SURVEY MONUMENT VERIFICATION AND REPORT	
																		EROSION CONTROL	
							9						9	601	21050	9	SY	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT	
				43									43	601	32200	43	CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	
		2,123											2,123	659	00300	2,123	CY	TOPSOIL	
				19,126		80							19,206	659	10000	19,206	SY	SEEDING AND MULCHING	
		957											957	659	14000	957	SY	REPAIR SEEDING AND MULCHING	
		957											957	659	15000	957	SY	INTER-SEEDING	
		2.67											2.67	659	20000	2.67	TON	COMMERCIAL FERTILIZER	
		3.95											3.95	659	31000	3.95	ACRE	LIME	
		106											106	659	35000	106	MGAL	WATER	
		576											576	670	00500	576	SY	SLOPE EROSION PROTECTION	
				704									704	670	00720	704	SY	DITCH EROSION PROTECTION MAT, TYPE B	
													LS	832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
													LS	832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS	
													LS	832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	
													80,000	832	30000	80,000	EACH	EROSION CONTROL	
				8									8	836	10000	8	SY	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1	

GENERAL SUMMARY

HAN US68/SR15 INTERCHANGE

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 1/29/2024 TIME: 9:53:45 AM USER: SLParker
U:\174316204\transportation\112280\400-Engineering\Roadway\Sheets\112280_GG001.dgn

DESIGN AGENCY
Stantec
1500 LAKE SHORE DRIVE, SUITE 100
COLUMBUS, OH 43204
(614) 486-4383

DESIGNER
AJS

REVIEWER
ALB 10/30/23

PROJECT ID
112280

SHEET P.16 TOTAL 109

SHEET NUM.												PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
P.10	P.20	P.21	P.22	P.79	P.100							01/NHS/66						
																	DRAINAGE	
	4.3											4.3	602	20000	4.3	CY	CONCRETE MASONRY	
				812								812	605	11110	812	FT	6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC	
754				1,814								2,568	605	13410	2,568	FT	6" UNCLASSIFIED PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC	
				3,724								3,724	605	14020	3,724	FT	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC	
90												90	605	31100	90	FT	AGGREGATE DRAINS	
				213								213	611	00510	213	FT	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	
50				173								223	611	01500	223	FT	6" CONDUIT, TYPE F	
	120											120	611	04400	120	FT	12" CONDUIT, TYPE B	
	107											107	611	04600	107	FT	12" CONDUIT, TYPE C	
	42											42	611	05200	42	FT	12" CONDUIT, TYPE F	
	102											102	611	05700	102	FT	15" CONDUIT, TYPE A 706.02, 707.21, 707.33, 707.34	
	126											126	611	11700	126	FT	27" CONDUIT, TYPE A 706.02, 707.21, 707.33, 707.34	
	200											200	611	11900	200	FT	27" CONDUIT, TYPE B	
	53											53	611	12100	53	FT	27" CONDUIT, TYPE C	
	3											3	611	98150	3	EACH	CATCH BASIN, NO. 3	
	1											1	611	98180	1	EACH	CATCH BASIN, NO. 3A	
	2											2	611	98410	2	EACH	CATCH BASIN, NO. 8	
	1											1	611	99575	1	EACH	MANHOLE, NO. 3, AS PER PLAN	P.9
				5								5	611	99710	5	EACH	PRECAST REINFORCED CONCRETE OUTLET	
																	PAVEMENT	
		2,133										2,133	252	01500	2,133	FT	FULL DEPTH PAVEMENT SAWING	
		4,403										4,403	254	01000	4,403	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1-1/4"	
		2,582										2,582	301	56000	2,582	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
		1,941										1,941	304	20000	1,941	CY	AGGREGATE BASE	
		2,057										2,057	407	20000	2,057	GAL	NON-TRACKING TACK COAT	
		503										503	441	50000	503	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	
		489										489	441	50300	489	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	
		4										4	441	70300	4	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)	
		2										2	441	70500	2	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (DRIVEWAYS)	
			729									729	452	19200	729	SY	NON-REINFORCED CONCRETE PAVEMENT, MISC.: 8" CONCRETE SLAB STAMPED AND STAINED	P.11
			994									994	609	12000	994	FT	COMBINATION CURB AND GUTTER, TYPE 2	
			332									332	609	26000	332	FT	CURB, TYPE 6	
			1,406									1,406	609	31000	1,406	FT	COMBINATION CURB AND GUTTER, TYPE 9	
			74									74	609	31001	74	FT	COMBINATION CURB AND GUTTER, TYPE 9, AS PER PLAN	P.4
			199									199	609	72000	199	SY	CONCRETE MEDIAN	
	1,677											1,677	618	40100	1,677	FT	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)	
																	LIGHTING	
					16							16	625	00450	16	EACH	CONNECTION, FUSED PULL APART	
					9							9	625	00480	9	EACH	CONNECTION, UNFUSED PERMANENT	
					8							8	625	10503	8	EACH	LIGHT POLE (INSTALLATION ONLY), AS PER PLAN AT9B32.5	P.99
					8							8	625	14000	8	EACH	LIGHT POLE FOUNDATION, 24" X 6' DEEP	
					852							852	625	23200	852	FT	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE	
					960							960	625	23400	960	FT	NO. 10 AWG POLE AND BRACKET CABLE	
					629							629	625	24320	629	FT	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES	
					254							254	625	25500	254	FT	CONDUIT, 3", 725.04	
					8							8	625	26253	8	EACH	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN , TYPE III, 82-170W	P.99
					803							803	625	29002	803	FT	TRENCH, 24" DEEP	
					3							3	625	30700	3	EACH	PULL BOX, 725.08, 18"	
					8							8	625	32000	8	EACH	GROUND ROD	
					1							1	625	34001	1	EACH	POWER SERVICE, AS PER PLAN	P.99
					803							803	625	36010	803	FT	UNDERGROUND WARNING/MARKING TAPE	

GENERAL SUMMARY

HAN US68/SR15 INTERCHANGE

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 1/29/2024 TIME: 9:53:46 AM USER: SLParker
U:\1743162041\transportation\112280\40-Engineering\Roadway\Sheets\112280_GG002.dgn

DESIGN AGENCY
Stantec
1500 LAKE SHORE DRIVE, SUITE 100
COLUMBUS, OH 43204
(614) 486-4383

DESIGNER
AJS

REVIEWER
ALB 10/30/23

PROJECT ID
112280

SHEET P.17 TOTAL 109

SHEET NUM.													PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
P.12	P.13	P.14	P.19	P.80	P.83	P.102							01/NHS/66						
																		TRAFFIC CONTROL	
				182									182	621	00100	182	EACH	RPM	
				32									32	621	54000	32	EACH	RAISED PAVEMENT MARKER REMOVED	
			7										7	626	00110	7	EACH	BARRIER REFLECTOR, TYPE 2, (BI-DIRECTIONAL)	
					747.8								747.8	630	03100	747.8	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
					246								246	630	03101	246	FT	GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN	P.83
					35.1								35.1	630	06500	35.1	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W6X9	
					152.4								152.4	630	07500	152.4	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X22	
					14								14	630	08520	14	FT	STREET NAME SIGN SUPPORT, NO. 3 POST	
					31								31	630	08600	31	EACH	SIGN POST REFLECTOR	
					8								8	630	09000	8	EACH	BREAKAWAY STRUCTURAL BEAM CONNECTION	
					498.1								498.1	630	80100	498.1	SF	SIGN, FLAT SHEET	
					390								390	630	80200	390	SF	SIGN, GROUND MOUNTED EXTRUSHEET	
					8								8	630	84500	8	EACH	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	
					57								57	630	84900	57	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
					1								1	630	85400	1	EACH	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL	
					44								44	630	86002	44	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
					8								8	630	86102	8	EACH	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL	
				0.64									0.64	644	00100	0.64	MILE	EDGE LINE, 4"	
				1.4									1.4	644	00104	1.4	MILE	EDGE LINE, 6"	
				0.54									0.54	644	00300	0.54	MILE	CENTER LINE	
				114									114	644	00400	114	FT	CHANNELIZING LINE, 8"	
				586									586	644	00404	586	FT	CHANNELIZING LINE, 12"	
				37									37	644	00700	37	FT	TRANSVERSE/DIAGONAL LINE	
				2									2	644	01300	2	EACH	LANE ARROW	
				674									674	644	01510	674	FT	DOTTED LINE, 6"	
				157									157	644	01520	157	FT	DOTTED LINE, 12"	
				87									87	644	20800	87	FT	YIELD LINE	
				0.08									0.08	646	10000	0.08	MILE	EDGE LINE, 4"	
				0.04									0.04	646	10200	0.04	MILE	CENTER LINE	
																		LANDSCAPING	
						7							7	661	20080	7	EACH	DECIDUOUS SHRUB, 4' HEIGHT, RHUS AROMATICA	
						580							580	661	99930	580	SY	PLANTING, MISC.: 10" GRAY WASHED RIVER STONE MULCH	P.101
						49							49	662	31000	49	GAL	LANDSCAPE WATERING	
																		MAINTENANCE OF TRAFFIC	
		20											20	253	02000	20	CY	PAVEMENT REPAIR	
		20											20	407	20000	20	GAL	NON-TRACKING TACK COAT	
		10											10	441	70000	10	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22	
	80												80	614	11110	80	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
62													62	616	10000	62	MGAL	WATER	
3													3	614	12380	3	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)	
		44											44	614	13310	44	EACH	BARRIER REFLECTOR, TYPE 1, (ONE WAY)	
		44											44	614	13350	44	EACH	OBJECT MARKER, ONE WAY	
	8												8	614	18601	8	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	P.13
		50											50	617	10100	50	CY	COMPACTED AGGREGATE	
2,200													2,200	622	41100	2,200	FT	PORTABLE BARRIER, UNANCHORED	
																		INCIDENTALS	
													LS	614	11000	LS		MAINTAINING TRAFFIC	
													6	619	16010	6	MNTH	FIELD OFFICE, TYPE B	
													LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
													LS	624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

HAN US68/SR15 INTERCHANGE

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 1/29/2024 TIME: 9:53:46 AM USER: SLParker
U:\174316204\transportation\112280\40-Engineering\Roadway\Sheets\112280_GG003.dgn

DESIGN AGENCY
Stantec
1500 LAKE SHORE DRIVE, SUITE 100
COLUMBUS, OH 43204
(614) 486-4383

DESIGNER AJS

REVIEWER ALB 10/30/23

PROJECT ID 112280

SHEET P.18 TOTAL 109