

MATTHEW

JOSEPH

BURGER

E-72010

STOWAL

PHILIP

S.

BERDIS

E-62291

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

MOT-75-6.86

CITY OF DAYTON CITY OF MORAINE CITY OF WEST CARROLLTON MONTGOMERY COUNTY

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EAL:	STANDARD CONSTRUCTION DRAWINGS												
NIIIII.	BP-2.1	1/21/22	RM-1.1	1/15/21	HL-10.11	1/15/21	TC-21.50	4/17/20	MT-98.10	1/17/20	800		
0	BP-2.2	1/15/21	RM-4.2	4/17/20	HL-10.12	1/20/17	TC-41.10	7/19/13	MT-98.29	1/17/20	807		
0 *	BP-3.1	1/21/22	RM-4.3	1/21/22	HL-10.13	4/17/20	TC-41.20	10/18/13	MT-98.30	7/16/21	808		
	BP-5.1	1/21/22	RM-4.4	7/19/19	HL-20.11	1/15/21	TC-42.10	10/18/13	MT-99.20	4/19/19	813	1	
EO MARTIN	BP-6.1	7/19/13	RM-4.5	7/21/17	HL-20.13	4/17/20	TC-42.20	10/18/13	MT-99.30	1/17/20	821		
	BP-9.1	1/18/19	RM-4.6	7/19/13	HL-30.11	1/15/21	TC-51.11	1/15/16	MT-99.60	7/15/16	825		
Bayn					HL-30.21	4/17/20	TC-52.10	10/18/13	MT-100.00	7/16/21	832	1	
1					HL-30.22	1/15/21	TC-52.20	1/15/21	MT-101.60	1/17/20	836		
22	F-1.1	7/19/13	HW-2.1	7/20/18	HL-30.33	1/21/22	TC-61.10	1/17/20	MT-101.70	1/17/20	850		
EAL.	F-3.3	7/19/13	HW-2.2	7/20/18	HL-30.41	1/21/22	TC-64.10	7/16/21	MT-101.75	1/17/20	861		
EAL:			CB-2-3, 2-4	7/16/21	HL-40.10	7/17/20	TC-65.10	1/17/14	MT-101.80	1/17/20	E	$\frac{1}{2}$	
			CB-3	7/16/21	HL-50.21	1/15/21	TC-71.10	7/16/21	MT-101.90	7/17/20	873		
ALL	MGS-1.1	7/16/21	CB-3A	7/16/21	HL-60.11	7/21/17	TC-72.20	7/20/18	MT-102.10	1/17/20	905		
0	MGS-2.1	1/19/18	CB-4	7/16/21	HL-60.21	7/20/18	TC-73.20	1/17/20	MT-102.20	4/19/19	908	1	
*	MGS-3.1	1/19/18	I-3B	7/16/21	HL-60.31	1/17/20			MT-102.30	10/16/15	913		
	MGS-3.2	1/18/13	I-3C	7/16/21			MT-95.30	7/19/19	MT-103.10	1/21/22	921		
3	MGS-4.2	7/19/13	MH-3	7/16/21			MT-95.31	7/19/19	MT-104.10	10/16/15	SPE		
	MGS-4.3	1/18/13	DM-1.1	7/17/20	TC-12.31	1/21/22	MT-95.45	1/17/20	MT-105.10	1/17/20	PROV		
Sech	MGS-5.2	7/15/16	DM-1.2	7/16/21	TC-15.116	7/16/21	MT-95.70	1/17/20					
	MGS-5.3	7/15/16	DM-4.3	1/15/16	TC-21.11	7/16/21	MT-95.71	1/17/20			SP400		
2	MGS-6.2	7/19/19	DM-4.4	1/15/16	TC-21.21	7/16/21	MT-95.73	1/17/20					

FEDERAL PROJECT NUMBER

E 180 (372)

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

MAJOR RECONSTRUCTION OF 2.68 MILES OF INTERSTATE 75 INCLUDING NEW PAVEMENT, STORM SEWERS, LIGHTING, MINOR BRIDGE REPAIRS, TRAFFIC CONTROL SIGNS AND PAVEMENT MARKINGS. RESURFACING OF 0.90 MILES OF INTERSTATE 75 INCLUDING MEDIAN BARRIER REPLACEMENT IS ALSO INCLUDED.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 66.42 ACRES ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 1.00 ACRES NOTICE OF INTENT EARTH DISTURBED AREA: 67.42 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.

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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 EXCEPT FOR THE RAMPS AS DESCRIBED ON SHEETS 175 -174 AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

ENTAL TIONS			
5/02/22			
1/21/22			
1/18/19			
10/19/18			
4/20/12			
1/17/20			
10/19/18		DESIGN AG	GENCY
1/19/18		ഗ	E 200
1/21/22		ARCADIS	LIN 8
1/15/21			UTH MAIN STREET (AKRON, OHIO 443((330) 434-1995 WWM.arcadis.com
		۲ W	MAIN S 00, 0H 30) 43, w.arca
4/16/21		2	AKRO AKRO (3
4/17/20	APPROVED Romand. Churchang PE, PS.	6	22 SOUTH MAIN AKRON ((330)- WWM.#F
10/20/17	1 07 0000	DESIGNER	
4/16/21	DATE1-27-2022 DISTRICT DEPUTY DIRECTOR		ЛЈВ
4/20/12	A	-	/IEWER
AL	APPROVED Vale Machbarles My	SMG	12/30/21
ONS	APPROVED 9999	PROJECT	Chieropean III
	DATE 4-25/22 DIRECTOR, DEPARTMENT OF	-	7375
3/30/22	TRANSPORTATION	SHEET 1	TOTAL 517
			517

PROFILE AND ALIGNMENT

AS SHOWN IN THE PLANS FOR THE RESURFACING AREAS, PLACE THE PROPOSED PAVEMENT TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT. PLACE THE PROPOSED ASPHALT CONCRETE OVERLAY AS SHOWN ON THE TYPICAL SECTIONS.

CONTRACTION AND/OR EXPANSION JOINTS

ALTHOUGH SPECIFIC LOCATIONS OF CERTAIN CONTRACTION AND EXPANSION JOINTS HAVE BEEN DETAILED ON THIS PLAN. NO WAIVER OF THE SPECIFICATIONS IS INTENDED. IN ALL CASES. THE PROVISION OF EXPANSION JOINTS AT ALL MAJOR STRUCTURES INCLUDING THE MAXIMUM SPACING BETWEEN CONTRACTION JOINTS IS IN ACCORDANCE WITH STANDARD CONSTRUCTION DRAWING BP-2.2 AND THE SPECIFICATIONS.

PART-WIDTH CONSTRUCTION

BECAUSE OF THE NECESSITY TO BUILD THIS PROJECT UNDER TRAFFIC AND TO CONSTRUCT THE FULL PAVEMENT WIDTH IN STAGES, EXERCISE CARE TO PREVENT THE CONSTRUCTION OF A BUTT JOINT IN THE BASE COURSES. LAP LONGITUDINAL JOINTS AS SHOWN ON STANDARD CONSTRUCTION DRAWING BP-3.1.

ITEM 606 - ANCHOR ASSEMBLY, MGS TYPE E, NCHRP 350/MASH 2016

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY OF THE GUARDRAIL END TERMINALS FOR TYPE MGS GUARDRAIL AS LISTED ON ROADWAY ENGINEERING'S WEB PAGE UNDER ROADSIDE SAFETY DEVICES FOR APPROVED GUARDRAIL END TREATMENTS. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS. IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE FACE OF THE TYPE E IMPACT HEAD SHALL BE COVERED WITH A SHEET OF TYPE G REFLECTIVE SHEETING. PER CMS 730.19.

REFER TO THE MANUFACTURER'S INSTRUCTIONS REGARDING THE INSTALLATION OF, AND THE GRADING AROUND THE FOUNDATION TUBES AND GROUND STRUT. THE TOP OF ANY FOUNDATION TUBE SHOULD BE LESS THAN 4 INCHES ABOVE THE GROUND. THE PLACEMENT OF THE FOUNDATION TUBES SHOULD BE AN APPROPRIATE DEPTH BELOW THE LEVEL LINE IN ORDER TO MAINTAIN THE FINISHED GUARDRAIL HEIGHT OF 31 INCHES FROM THE EDGE OF THE SHOULDER.

ON-SITE GRADING IS REQUIRED IF THE TOP OF THE FOUNDATION TUBES OR TOP OF THE GROUND STRUT DOES PROJECT MORE THAN 4 INCHES ABOVE THE GROUND LINE.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606. ANCHOR ASSEMBLY. MGS TYPE E. EACH. AND SHALL INCLUDE ALL LABOR. TOOLS. EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL ANCHOR ASSEMBLY SYSTEM, INCLUDING ALL RELATED TRANSITIONS. REFLECTIVE SHEETING. HARDWARE GRADING, EMBANKMENT AND EXCAVATION NOT SEPARATELY SPECIFIED. AS REQUIRED BY THE MANUFACTURER.

ITEM 606 - IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL)

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY ONE OF THE TYPE 1 IMPACT ATTENUATORS AS LISTED ON THE OFFICE OF ROADWAY ENGINEERING'S WEB PAGE. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606, IMPACT ATTENUATOR, TYPE 1 (UNIDIRECTIONAL OR BIDIRECTIONAL), EACH, AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL IMPACT ATTENUATOR SYSTEM. INCLUDING ALL RELATED TRANSITIONS, HARDWARE, REFLECTIVE SHEETING AND GRADING, NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

ITEM 606 - CABLE BARRIER

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY ONE OF THE HIGH TENSION FOUR CABLE GUARDRAIL SYSTEMS AS LISTED ON THE OFFICE OF ROADWAY ENGINEERING'S WEB PAGE. PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606, CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION, AND ITEM 606 CABLE BARRIER, ANCHOR ASSEMBLY AND SHALL INCLUDE ALL LABOR. TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL HIGH TENSION CABLE GUARDRAIL SYSTEM NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER. THE LENGTH OF THE TENSIONED CABLE NECESSARY TO INSTALL A FUNCTIONAL ANCHOR SYSTEM SHALL BE INCLUDED IN ITEM 606. CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION.

INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

SYSTEMS SHALL HAVE A MAXIMUM DEFLECTION OF 8 FEET AND THE MAXIMUM LONGITUDINAL DISTANCE BETWEEN POSTS SHALL BE 15 FEET.

INSTALLATION WILL BE A FOUR CABLE HIGH TENSION SYSTEM INSTALLED IN SOCKETED POSTS FOUNDATION WITH A FOUR FOOT WIDE "NO MOW STRIP".

DELINEATE THE CABLE BARRIER USING TYPE 6 BARRIER REFLECTORS PER ITEM 626. PROVIDE DELINEATORS ON THE GUARDRAIL POSTS AT A MAXIMUM INTERVAL OF 100 FEET. PAYMENT FOR THIS WORK IS INCLUDED WITH THE UNIT BID PRICE FOR ITEM 606. CABLE GUARDRAIL.

ANCHOR TERMINAL STRUTS SHALL BE COVERED COMPLETELY ON BOTH SIDES WITH YELLOW TYPE J. ASTM D 4956 TYPE XI REFLECTIVE SHEETING. PER CMS 730.193.

TRANSITIONS TO W-BEAM GUARDRAIL ARE NOT ALLOWED.

REFER TO MANUFACTURER FOR MAXIMUM OFFSET FROM BREAK POINT.

TORPEDO OR BULLET SPLICES ARE NOT ALLOWED. ALL CABLE SPLICES SHALL BE A SWAGED OR OPEN BODY DESIGN THAT ALLOWS FOR ANNUAL INSPECTION BETWEEN THE WEDGE AND STRANDS OF CABLE.

POSTS ARE SET IN SOCKETED CONCRETE FOUNDATIONS AND SHALL NOT BE PERMANENTLY INSTALLED UNTIL THEIR RESPECTIVE RUNS OF TENSIONED CABLE GUARDRAIL ARE READY FOR FINAL CONNECTION TO THE END TERMINAL ASSEMBLY. THE CONTRACTOR SHALL REPLACE ANY POSTS DAMAGED DURING INSTALLATION AS DETERMINED BY THE ENGINEER AT NO ADDITIONAL COST TO THE STATE.

ITEM SPECIAL - MOW STRIP

THE CONTRACTOR SHALL PROVIDE A 4 INCH DEEP MOW STRIP WITH MATERIALS CONFORMING TO ITEM 608. CONCRETE WALK. AS SHOWN IN THE TYPICAL SECTION.

THE MOW STRIP SHALL BE PLACED ON COMPACTED EARTH AND CONSTRUCTED USING CLASS QC1 CONCRETE WITH A CURING COMPOUND MEETING THE SPECIFICATIONS OF 705.07 OF THE CMS. THE MOW STRIP SHALL BE EITHER INTEGRAL TO THE SOCKETED CONCRETE FOUNDATION OR HAVE AN EXPANSION JOINT WITH MATERIALS MEETING THE REQUIREMENTS OF 705.03 OF THE CMS BETWEEN THE SOCKETED CONCRETE FOUNDATION AND THE CONCRETE MOW STRIP.

THE MOW STRIP SHALL HAVE A TRANSVERSE JOINT EVERY EIGHT FEET AND AN EXPANSION JOINT EVERY 100 FEET. THE METHODS AND MATERIALS USED TO CONSTRUCT THE JOINTS SHALL CONFORM TO CMS 608.03C.

ALL MATERIALS, LABOR, AND EQUIPMENT TO CONSTRUCT THE CONCRETE MOW STRIP SHALL BE PAID FOR UNDER ITEM SPECIAL - MOW STRIP.

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12105 CU. YD. 659, TOPSOIL 659. SEEDING AND MULCHING 109053 SQ. YD. 659, REPAIR SEEDING AND MULCHING 5453 SQ. YD. 5453 SQ. YD. 659, INTER-SEEDING 659. COMMERCIAL FERTILIZER 24.54 TON 659. LIME 22.54 ACRES 659, WATER 604 M. GAL 659, MOWING 246 M. SQ.FT. SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES. AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-**OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE** EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS. ITEM 202 - CONCRETE MEDIAN REMOVED, AS PER PLAN ALL PROVISIONS OF ITEM 202, CONCRETE MEDIAN REMOVED SHALL APPLY WITH THE FOLLOWING ADDENDUM. THIS WORK SHALL INCLUDE THE REMOVAL OF THE ADDITIONAL CONCRETE BASE BENEATH THE MEDIAN. THE CONTRACTOR MAY REFER TO THE EXISTING TYPICAL SECTIONS FOR ADDITIONAL INFORMATION. PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE SQ. YD. UNIT PRICE FOR ITEM 202, CONCRETE MEDIAN REMOVED, AS PER PLAN. ITEM 202 - CONCRETE BARRIER REMOVED, AS PER PLAN ALL PROVISIONS OF ITEM 202, CONCRETE BARRIER REMOVED SHALL APPLY WITH THE FOLLOWING ADDENDUM. THIS WORK SHALL INCLUDE THE REMOVAL OF THE ADDITIONAL CONCRETE BASE CONSTRUCTED AS PART OF THIS MODIFIED B-50 BARRIER. THIS REMOVAL WORK SHALL INCLUDE THE ASPHALT OVER THE EXISTING CONCRETE BASE AND PAVEMENT REMOVAL

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE

2 EACH

GROWTH AND CARE OF PERMANENT SEEDED AREAS:

SEEDING AND MULCHING

659, SOIL ANALYSIS TEST

TO 4 FEET EACH SIDE OF THE CL CONST. IR-75. THE CONTRACTOR MAY REFER TO THE EXISTING AND PROPOSED TYPICAL SECTIONS FOR ADDITIONAL INFORMATION. THIS WORK SHALL ALSO INCLUDE REMOVAL OF LIGHT POLE FOUNDATIONS AND LIGHTING APPURTENENCES LOCATED WITHIN THE BARRIER. PAYMENT FOR THE DESCRIBED WORK SHALL BE MADE AT THE FEET UNIT PRICE FOR ITEM 202. CONCRETE BARRIER REMOVED. AS PER PLAN.

ITEM 202 - REMOVAL MISC .: PORTABLE CONCRETE BARRIER

AT THE TWO LOCATIONS LISTED BELOW THE EXISTING MEDIAN BARRIER IS PORTABLE CONCRETE BARRIER. STA. 525+12 TO STA. 531+12 STA. 238+30 TO STA. 242+30

THE FOLLOWING QUANTITIES HAVE BEEN PROVIDED IN THE GENERAL SUMMARY FOR PAYMENT FOR ITEM 202, REMOVAL MISC.: PORTABLE CONCRETE BARRIER. THIS WORK SHALL INCLUDE THE REMOVAL OF THE BARRIER, BARRIER ANCHORS, ATTACHED GUARDRAIL. AND ALL MISCELLANOUS HARDWARE TO REMOVE COMPLETE THE PORTABLE BARRIER SECTIONS.

ITEM 202 - REMOVAL MISC .: PORTABLE CONCRETE BARRIER 1000 FT.

ITEM 607 - FENCE, AS PER PLAN

WHERE CONSTRUCTION WORK LIMITS IMPACT THE INTREGRITY OF THE EXISTING FENCING ALONG THE LIMITED ACCESS. THE CONTRACTOR SHALL REPLACE THE FENCE IN-KIND AS DIRECTED BY THE ENGINEER. REMOVAL AND DISPOSAL OF EXISTING FENCING IN ACCORDANCE WITH CMS 202 SHALL BE INCIDENTAL TO THIS WORK.

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE FENCING ALONG THE LIMITED ACCESS AT ALL TIMES. ANY DAMAGES TO FENCING DUE TO THE NEGLIGENCE OF THE OF CONTRACTOR SHALL BE REPAIRED OR REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S COST.

FENCE, TYPE CLT OR 47, AS PER PLAN, FURNISHING AND INSTALLED COMPLETE WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT. THE FOLLOWING QUANTITIES HAVE BEEN PROVIDED FOR USE BY ENGINEER.

ITEM 607 - FENCE, CLT, AS PER PLAN ITEM 607 - FENCE, 47, AS PER PLAN

200 FEET 200 FEET

THE CONTRACTOR IS TO REFER TO PLAN CROSS SECTIONS FOR ADDITIONAL INFORMATION.

NO EXCAVATION OTHER THAN SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER IS PERMITTED IN THE INFIELD AREAS DESCRIBED ABOVE.

ALL LABOR, MATERIALS, AND EQUIPMENT TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE CONTRACT BID PRICE, CU. YD., FOR ITEM 203. EMBANKMENT, AS PER PLAN.

ITEM 203 - EMBANKMENT, AS PER PLAN

THIS WORK SHALL INCLUDE THE DISPOSAL OF A PORTION OF THE EXISTING PAVEMENT REMOVED FROM THE IR-75 MAINLINE UNDER THE PAY ITEM 202. PAVEMENT REMOVED.

ALL PROVISIONS OF CMS 203 SHALL APPLY WITH THE FOLLOWING ADMENDMENTS:

THE CONSTRUCTION OF EMBANKMENT USING REMOVED PAVEMENT SHALL BE LIMITED TO TWO AREAS:

IN THE INFIELD BETWEEN THE DRYDEN INTERCHANGE RAMPS E AND F. AND SOUTHBOUND IR-75 2. IN THE INFIELD BETWEEN DRYDEN INTERCHANGE RAMP G AND NORTHBOUND IR-75

ADDITIONALLY, EMBANKMENT USING REMOVED PAVEMENT SHALL BE PLACED ONLY WHERE 3 FEET OF 203, EMBANKMENT CAN BE CONSTRUCTED ABOVE THE REMOVED PAVEMENT TO THE PROPOSED GRADING LINE.

REVIEW OF DRAINAGE FACILITIES

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE STATE, REPRESENTATIVES OF THE STATE AND THE CONTRACTOR, ALONG WITH LOCAL REPRESENTATIVES, SHALL MAKE AN INSPECTION OF ALL EXISTING SEWERS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCE SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION SHALL BE KEPT IN WRITING BY THE STATE.

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE STATE.

ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

DESIGN AC	GENCY
G ARCADIS	222 SOUTH MAIN STREET SUITE 200 AKRON, OHIO 44308 (330) 434-1995 www.arcadis.com
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	SHEET NUM.													PA	RT.		ITEM	ITEM	GRAND	UNIT	
20	21	187	188	189	457	458	458A	464	486	487	488	Office Calc	01/IMS/PV	02/IMS/BR	03/IMS/PV	04/IMS/OT		EXT	TOTAL		
												168,360	69,053		99,307		254	01000	168,360	SY	PAVEMENT PLAN
												51,093 34,004	50,122 33,421		971 583		302 304	56000 20000	51,093 34,004	CY CY	ASPHALT CONCR
												30,107	29,722		385		407	10000	30,107	GAL	TACK COAT
												9,261	3,798		5,463		407	20000	9,261	GAL	NON-TRACKING T
												15,644	12,646		2,998		442	00100	15,644	CY	ANTI-SEGREGAT
												8,791	8,621		170		442	10080	8,791	CY	ASPHALT CONCE
												14,441	10,208		4,233		442	10301	14,441	CY	ASPHALT CONCR
												16,242	16,242				452	15060	16,242	SY	12.5" NON-REINF
			338	452									790				609	14000	790	FT	CURB, TYPE 2-A
			54										54				609	24510	54	FT	CURB, TYPE 4-C
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												LS	LS				SPECIAL	69098400	LS		PAVER MOUNTED
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	Δ									42			4			42	625	00450	46	EACH	CONNECTION, FU
	2									21			2			21	625	00450	23	EACH	CONNECTION, U
										15			12			3	625	00470	15	EACH	CONNECTION, U
										3			3				625	00480	3	EACH	CONNECTION, U
	2									19						21	625	10494	21	EACH	LIGHT POLE, LOV
										2			2				625	10495	2	EACH	LIGHT POLE, LOV
	2									19						21	625	14306	21	EACH	MEDIAN LIGHT P
	520									18,189			6,132			12,577	625	23200	18,709	FT	NO. 4 AWG 2400
	200									2,100 22			200 22			2,100	625 625	23400 25500	2,300	FT FT	NO. 10 AWG POL
																	025	23300			CONDUIT, 3", 725
										220			220				625	25900	220	FT	CONDUIT, JACKE
	0									135			135			01	625	25910	135	FT	
	2									21 220			2 220			21	625 625	26273 29002	23 220	EACH FT	LUMINAIRE, LOW
										2			1			1	625	29910	2	EACH	TRANSITION JUN
										3			3				625	29930	3	EACH	
										2			2				625	30700	2	EACH	PULL BOX, 725.08
	2									19						21	625	32000	21	EACH	GROUND ROD
										1			1				625	34001	1	EACH	POWER SERVICE
									LS							LS	SPECIAL	62540000	LS	5 4011	MAINTAIN EXISTI
									1							1	SPECIAL	62540010	1	EACH	
											12		2			10	625	75400	12	EACH	LIGHT POLE REM
	2										10					2	625	75500	2	EACH	
										1	12		2			10	625 625	75506 76000	12 1	EACH EACH	ARC FLASH CALC
					120		4 4 6 4						120			050	620	00500	120	EACH	DELINEATOR, PC
						1,118	1,191						841 786			350 332	621 621	00100	1,191	EACH EACH	RPM RAISED PAVEME
						.,															
		404						10					6			4	625	32000	10	EACH	GROUND ROD
		164 13											69 13			95	626 626	00102	164 13	EACH EACH	BARRIER REFLEC
		205											205				626	00102	205	EACH	BARRIER REFLEC
		117											117				626	00112	117	EACH	BARRIER REFLEC
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DESCRIPTION	SEE SHEET NO.	
PAVEMENT		
IING, ASPHALT CONCRETE (1.5" DEPTH)		
RETE BASE, PG64-22, (449)		
SE		
TACK COAT		
ION EQUIPMENT		
RETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (446)		
RETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN ORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA	21	
, SHOULDER (ASPHALT CONCRETE)		
D THERMAL PROFILING (PMTP)	21A	
ION EQUIPMENT	21A 21A	
	217	~
		SUMMARY
		AF A
USED PULL APART		Ś
NFUSED PULL APART		۲ ا
NFUSED BOLTED		
		SI
N MAST, ALM50		GENERAL
N MAST, AS PER PLAN, ALM50	486	Ŕ
OLE FOUNDATION, 10' DEEP		Ш
VOLT DISTRIBUTION CABLE		
E AND BRACKET CABLE		
5.04		Ċ
ED OR DRILLED, 3"		
ED AND CABLES REMOVED		
/ MAST, SOLID STATE (LED), AS PER PLAN, TYPE V	486	
EP ICTION BOX		
ON BOX		
8, 18"		
E, AS PER PLAN	486	
NG LIGHTING	486	
OF EXISTING LIGHTING UNIT	486	
	+00	
IOVED INDATION REMOVED OVED		
CULATIONS AND LABEL, CONTROL CENTER "M"		
COLATIONO AND LADEL, CONTROL CENTER M		
TRAFFIC CONTROL DST GROUND MOUNTED		
NT MARKER REMOVED		
NT MARKER REMOVED		DESIGN AGENCY
		I TE 200
CTOR, TYPE 1, BIDIRECTIONAL		ARCADIS UTH MAIN STREET SUITE 200 AKRON, OHIO 44308 (330) 434-1995 www.arcadis.com
CTOR, TYPE 1, ONE WAY		34-196 STREE
CTOR, TYPE 3, BIDIRECTIONAL		RON, C (330) 4 www.ar
CTOR, TYPE 3, ONE WAY		
		522 SC
		DESIGNER
		SMG
		REVIEWER
		KDK 09/30/21
		PROJECT ID 107375
		SHEET TOTAL
		183 517