

ROUNDING

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLY TO ALL CROSS-SECTIONS EVEN THOUGH OTHERWISE SHOWN.

UNDERGROUND UTILITIES

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

UTILITIES

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

American Electric Power Co. (Distribution) 111 N 4th Street Rm 802 Heath, Ohio 43056 Attn: Paul Paxton 740-348-5322 ptpaxton@aep.com

* AT&T Ohio 111 N 4th Street Rm 802 Columbus, Ohio 43215 Attn: Jamie Lentz 740-607-6532 J11689@att.com

American Electric Power Communications Attn: Marvin Muncy 614-264-9657 mmuncy@aep.com

* AT&T Ohio 111 N 4th Street Rm 802 Columbus, Ohio 43215 Attn: Eddie Bauer 614-736-3521 Eb1931@att.com

City of Zanesville Water 14 Buckeye Drive Zanesville, Ohio 43701 Attn: Paul Mills 740-455-0631 ext. 2 Paul.Mills@coz.org

Spectrum Cable TV 737 Howard St. Zanesville, Ohio 43701 Attn: Craig Omen 740-541-2488 Craig.Omen@charter.com

City of Zanesville Division of Waste Water 1730 Moxahala Avenue Zanesville, Ohio 43701 Attn: Scott Brown 740-455-0641 Scott.brown@coz.org

Columbia Gas of Ohio 2429 Linden Avenue, Zanesville Ohio 43701 Attn: Jared Faulkner 740-255-1318 jfaulkner@nisource.com

* THE AT&T UNDERGROUND FACILITIES ON THE WEST SIDE OF THE STRUCTURE ARE TO REMAIN IN PLACE. ANY EXCAVATION AROUND THE AREA OF THE EXISTING DUCT BANK NEEDS TO BE COORDINATED WITH AN AT&T REPRESENTATIVE. CAUTION SHALL BE USED WHEN DIGGING CLOSE TO THESE FACILITIES. AT&T NEEDS TO BE NOTIFIED 48 HOURS IN ADVANCE OF ANY EXCAVATION TO HAVE AN INSPECTOR ON SITE DURING THIS WORK. IN ADDITION, THE TWO AT&T CONTACTS NOTED IN THE ABOVE LIST NEED TO BE CONTACTED 1 WEEK IN ADVANCE OF ANY ANTICIPATED WORK.

PROFILE AND ALIGNMENT

PLACE THE PROPOSED PAVEMENT TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT.

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.

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. THE INSTALLATION AND OPERATION OF ALL TEMPORARY TRAFFIC CONTROL AND TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS SHALL BE PROVIDED BY THE CONTRACTOR WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

CLEARING AND GRUBBING

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

CONTROL POINT LIST

NAME-----US STATE PLANE 1983 DATUM-----NAD 1983 (CONUS) ZONE-----OHIO SOUTH 3402 GEOID-----GEOID12B (CONUS) VERTICAL DATUM---NAVD 88

SV1 TOP OF 1 INCH REBAR W/ALUMINUM O.D.O.T CAP; 37.07 FEET LEFT OF EXISTING S.R. 22 CENTERLINE STATION 530+22.08 ELEV. = 732.579 NORTHING - 697,277.663 EASTING - 2,104,603.675

SV2 TOP OF 1 INCH REBAR W/ALUMINUM O.D.O.T CAP; 53.28 FEET RIGHT OF EXISTING S.R. 22 CENTERLINE STATION 529+79.66 ELEV. = 731.313 NORTHING - 697,203.415 EASTING - 2,104,670.378

OEPA NOTIFICATION OF DEMOLITION AND RENOVATION

AN ASBESTOS SURVEY FOR THE MUS-22-9.95 BRIDGE SCHEDULED FOR DEMOLITION WORK WAS CONDUCTED BY A CERTIFIED ASBESTOS HAZARD EVALUATION SPECIALIST. A COPY OF THE ASBESTOS SURVEY REPORT FOR THE BRIDGE HAS BEEN INCLUDED IN THE PLAN PACKAGE FOR THIS PROJECT. THE ASBESTOS SURVEY REPORT DID NOT IDENTIFY THE PRESENCE OF ANY ASBESTOS CONTAINING MATERIALS. (THE REMOVAL AND DISPOSAL OF THE ASBESTOS CONTAINING MATERIAL MUST COMPLY WITH THE OHIO ADMINISTRATIVE CODE (OAC) REGULATIONS AND THE NATIONAL EMISSION STANDARD FOR HAZARDOUS AIR POLLUTANTS (NESHAP) STANDARD FOR ASBESTOS.)

A COPY OF THE OHIO ENVIRONMENTAL PROTECTION AGENCY (OEPA) NOTIFICATION OF DEMOLITION AND RENOVATION FORM, PARTIALLY COMPLETED BY THE ASBESTOS HAZARD EVALUATION SPECIALIST, HAS BEEN INCLUDED AT THE END OF THE ASBESTOS SURVEY REPORT. THE CONTRACTOR SHALL COMPLETE AND SIGN THE FORMS AND SUBMIT IT TO:

OHIO EPA, SEDO 2195 FRONT STREET LOGAN OHIO 43138 ATTN: KRISTIN PARRISH (740) 380-5267

AT LEAST 10 WORKING DAYS PRIOR TO THE START OF ANY DEMOLITION WORK, THE CONTRACTOR SHALL PROVIDE A COPY OF THE COMPLETED AND SIGNED FORM TO THE ENGINEER. INFORMATION REQUIRED ON THE FORMS SHALL INCLUDE AT A MINIMUM: 1) THE ODOT PROJECT NUMBER, 2) THE CONTRACTORS NAME, ADDRESS AND TELEPHONE NUMBER, 3) THE SCHEDULED DATES FOR THE START AND COMPLETION OF BRIDGE DEMOLITION WORK.

BASIS FOR PAYMENT: THE CONTRACTOR SHALL FURNISH ALL FEES, LABOR, AND MATERIAL NECESSARY TO COMPLETE AND SUBMIT THE OEPA NOTIFICATION FORMS. PAYMENTS FOR THIS WORK SHALL BE INCLUDED WITH ITEM 202 - PORTIONS OF STRUCTURE REMOVED.

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

ITEM 202 APPROACH SLAB REMOVED, AS PER PLAN

THE EXISTING APPROACH SLABS AT THE FOUR CORNERS OF THE EXISTING STRUCTURE SHALL BE REMOVED AS PER ITEM 202 (SEE EXISTING PLAN MUS-22-9.75 (1972) SHEETS 36 & 38). THE EXISTING APPROACH SLABS ARE APPROXIMATELY 16" THICK THIS ITEM SHALL ALSO INCLUDE BACKFILLING THE VOID WITH 7" ITEM 304, 6" ITEM 301 AND 3" ITEM 441 AS NEEDED TO BRIDGE THE EXISTING APPROACH SLAB REMOVAL LIMITS TO THE LIMITS OF THE FULL-DEPTH PAVEMENT REMOVAL. THE ESTIMATED AREA NEEDED FOR THIS WORK IS APPROXIMATELY 50 SY. ALL MATERIALS, LABOR, EQUIPMENT, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THE WORK SHALL BE INCLUDED WITH PAYMENT.

CONDUIT END TREATMENT

IMMEDIATELY AFTER PLACEMENT OF ANY CONDUITS, THE CONTRACTOR SHALL CONSTRUCT THE END TREATMENTS REQUIRED BY THE PLANS AT BOTH THE OUTLET AND INLET END.

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

IN ADDITION TO THE REQUIREMENTS OF ITEM 623, CONSTRUCTION LAYOUT STAKES AND SURVEYING, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION TO THE DEPARTMENT: THE CONTRACTOR SHALL PROVIDE AS-BUILT DATA FOR THE SPECIFIED COMPLETED CONSTRUCTION ITEMS IN OHIO STATE PLANE COORDINATES (GRID). THE CONSTRUCTION ITEMS SHALL BE LOCATED AS PER THE SURVEY FEATURE CODE LIST FOUND ON THE OHIO DEPARTMENT OF TRANSPORTATION OFFICE OF CADD & MAPPING SERVICES WEBSITE. AFTER ALL INFORMATION HAS BEEN COLLECTED, AN EMAIL CONTAINING A COMMA DELIMITED ASCII FILE AND A SURVEYOR'S CERTIFICATION SHALL BE DELIVERED TO:

Cody.Gierhart@dot.ohio.gov (D5 GIS COORDINATOR) AND Audrey.Seals@dot.ohio.gov (D5 CONSTRUCTION AREA ENGINEER)

THE ASCII FILE SHALL INCLUDE A HEADER CONTAINING:

NAME OF SURVEYOR DATE(S) OF COLLECTION HORIZONTAL DATUM (I.E. NAD83 (2011), OHIO SPCS NORTH OR SOUTH) VERTICAL DATUM (I.E. NAVD 88, GEOID12A) METHOD OF COLLECTION (I.E. OHIO VRS, GPS RTK, TOTAL STATION, ETC.)

THE ASCII FILE SHALL BE IN TABLE FORM AS FOLLOWS:

PT. NO./NORTHING/EASTING/ELEVATION/FEATURE CODE/DESCRIPTION

BELOW IS A LIST OF THE ITEMS THE CONTRACTOR SHALL PROVIDE FOR THIS PROJECT:

-CULVERT INVERT AT INLET AND OUTLET

THE ABOVE ITEMS SHALL BE COLLECTED USING SURVEY GRADE EQUIPMENT MEETING THE REQUIREMENTS OF SECTION 400 IN THE ODOT SURVEY & MAPPING SPECIFICATIONS MANUAL. ALL COSTS ASSOCIATED WITH OBTAINING THE INFORMATION LISTED ABOVE SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 623, CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN.

THE FOLLOWING QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY TO PERFORM THE WORK DESCRIBED ABOVE:

ITEM 623, CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (LS)

REVIEW OF DRAINAGE FACILITIES

PRIOR TO THE START OF WORK AND AGAIN BEFORE FINAL ACCEPTANCE, PERFORM AN INSPECTION WITH REPRESENTATIVES OF THE DEPARTMENT, CONTRACTOR AND LOCALS OF ALL EXISTING DRAINAGE FACILITIES THAT ARE TO REMAIN IN SERVICE WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES IS DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION ARE MAINTAINED BY THE DEPARTMENT. CONFIRM ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE-MENTIONED PARTIES ARE MAINTAINED AND LEFT IN A CONDITION COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. THE CONTRACTOR IS RESPONSIBLE TO CORRECT ANY CHANGE IN THE CONDITION RESULTING FROM THEIR OPERATIONS AS DIRECTED AND APPROVED BY THE ENGINEER. PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE IS INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

ITEM SPECIAL - PIPE CLEANOUT

THIS WORK CONSISTS OF REMOVING SEDIMENT AND DEBRIS FROM THE EXISTING DRAINAGE CONDUITS SPECIFIED IN THE PLANS. DISPOSE OF ALL MATERIAL PER 105.16 AND 105.17. CLEAN OUT TO THE APPROVAL OF THE ENGINEER.

CLEANOUT OF THE PIPE IS PAID FOR AT THE UNIT PRICE BID FOR ITEM SPECIAL, PIPE CLEANOUT. THIS PRICE INCLUDES THE COST FOR MATERIAL, EQUIPMENT, LABOR, AND ALL INCIDENTALS REQUIRED TO COMPLETE THE CLEANOUT.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

ITEM SPECIAL, PIPE CLEANOUT, 24" AND UNDER 150 FT. ITEM SPECIAL, PIPE CLEANOUT, 27" TO 48" 50 FT.

CROSSINGS AND CONNECTIONS TO EXISTING PIPES AND UTILITIES

WHERE PLANS PROVIDE FOR A PROPOSED CONDUIT TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING SEWER OR UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED CONDUIT.

IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE TO BE CONNECTED, DIFFERS FROM THE PLAN CONDUIT SLOPE, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.

IF IT IS DETERMINED THAT THE PROPOSED CONDUIT WILL INTERSECT AN EXISTING SEWER OR UNDERGROUND UTILITY IF CONSTRUCTED AS SHOWN ON THE PLAN, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY.

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

ITEM 611 MANHOLE ADJUSTED TO GRADE ITEM 611 INLET ADJUSTED TO GRADE ITEM 638 VALVE BOX ADJUSTED TO GRADE

THESE ITEMS SHALL BE USED TO ADJUST MANHOLES, INLETS AND VALVE BOXES TO GRADE LOCATED THROUGHOUT THE PROJECT LIMITS.

ALL MATERIALS, LABOR, EQUIPMENT, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THE WORK SHALL BE INCLUDED WITH PAYMENT WITH THE LISTED ITEMS BELOW:

ITEM 611 MANHOLE ADJUSTED TO GRADE 5 EACH ITEM 611 INLET ADJUSTED TO GRADE 5 EACH ITEM 638 VALVE BOX ADJUSTED TO GRADE 5 EACH

SEEDING AND MULCHING

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS AS PER ITEM 659:

ITEM 659 SEEDING AND MULCHING, CLASS 2 11 SQ. YD. 11 SQ. YD. (FROM SHEET 33)

ITEM 659 WATER 1.0 M. GAL. 0.0054 M. GAL. PER SQ. YD. OF THE PERMANENT SEEDED AREA 11 SQ. YD. x 0.0054 = 1.0 M. GAL.

QUANTITIES CARRIED TO THE GENERAL SUMMARY.

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.

WATERLINE RELOCATION CONTINGENCY QUANTITIES

BEFORE ANY WORK IS STARTED ON THE REMOVAL OF THE WATERLINE THE CONTRACTOR SHALL CONTACT THE CITY OF ZANESVILLE WATER DEPARTMENT. JOHN SMITH AT (W) 740-455-0633 OR (C) 740-819-8816 EMAIL - john.smith@cos.org

THE LOCATION OF THE WATERLINE ON BOTH THE NORTH AND SOUTH SIDES OF THE STRUCTURE ALONG THE SB LANE OF U.S.R. 22 NEEDS TO BE LOCATED AND VERIFIED.

IF THE WATERLINE IS IN CONFLICT WITH THE PROPOSED WORK, THE FOLLOWING QUANTITIES HAVE BEEN PROVIDED TO COMPLETE THIS WORK.

ITEM 638 8" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, DR 18 / 14 C-900 MINIMUM 235 PSI 120 FEET ITEM 638 12" STEEL PIPE ENCASEMENT, OPEN CUT 16 FEET ITEM 638 8" GATE VALVE WITH VALVE BOX, MODEL 2639 AWWA C509 2 EACH

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SHEET NUM.												PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
4	26	27	32	33	34							01/S<2/11	EXT	TOTAL				
ROADWAY																		
LS												LS	201	11000	LS		CLEARING AND GRUBBING	
	242											242	202	23000	242	SY	PAVEMENT REMOVED	
	86											86	202	23500	86	SY	WEARING COURSE REMOVED	
	922											922	202	30000	922	SF	WALK REMOVED	
	182											182	202	32500	182	FT	CURB AND GUTTER REMOVED	
			17									17	202	32800	17	SY	CONCRETE SLOPE PROTECTION REMOVED	
			16									16	202	35100	16	FT	PIPE REMOVED, 24" AND UNDER	
			13									13	202	35200	13	FT	PIPE REMOVED, OVER 24"	
150												150	SPECIAL	20270110	150	FT	PIPE CLEANOUT, 24" AND UNDER	
50												50	SPECIAL	20270120	50	FT	PIPE CLEANOUT, 27" TO 48"	
				6	15							21	203	10000	21	CY	EXCAVATION	
				1								1	203	20000	1	CY	EMBANKMENT	
		257										257	204	10000	257	SY	SUBGRADE COMPACTION	
					11							11	204	30020	11	CY	GRANULAR MATERIAL, TYPE C	
	821											821	608	10000	821	SF	4" CONCRETE WALK	
EROSION CONTROL																		
			8									8	601	11000	8	SY	RIPRAP, TYPE D	
			17									17	601	21000	17	SY	CONCRETE SLOPE PROTECTION	
11												11	659	00510	11	SY	SEEDING AND MULCHING, CLASS 2	
1												1	659	35000	1	MGAL	WATER	
												1,000	832	30000	1,000	EACH	EROSION CONTROL	
DRAINAGE																		
			4									4	611	04600	4	FT	12" CONDUIT, TYPE C	
			5									5	611	05900	5	FT	15" CONDUIT, TYPE B	
			7									7	611	06100	7	FT	15" CONDUIT, TYPE C	
			5									5	611	13600	5	FT	30" CONDUIT, TYPE C	
			8									8	611	53101	8	FT	43" X 68" CONDUIT, TYPE A, 706.04, AS PER PLAN	
5												5	611	99150	5	EACH	INLET ADJUSTED TO GRADE	
5												5	611	99654	5	EACH	MANHOLE ADJUSTED TO GRADE	
PAVEMENT																		
		84										84	252	01500	84	FT	FULL DEPTH PAVEMENT SAWING	
		9,675										9,675	254	01000	9,675	SY	PAVEMENT PLANING, ASPHALT CONCRETE (1-1/4")	
		36										36	301	56000	36	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
		32			4							36	304	20000	36	CY	AGGREGATE BASE	
		547										547	407	20000	547	GAL	NON-TRACKING TACK COAT	
		336										336	441	50100	336	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M	
		20										20	441	50300	20	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	
		84										84	452	12050	84	SY	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS OC MS	
	182											182	609	12000	182	FT	COMBINATION CURB AND GUTTER, TYPE 2	
WATER WORK																		
16												16	638	06500	16	FT	12" STEEL PIPE ENCASEMENT, OPEN CUT	
5												5	638	10800	5	EACH	VALVE BOX ADJUSTED TO GRADE	
120												120	SPECIAL	63820420	120	FT	8" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS (CITY OF ZANESVILLE)	
2												2	SPECIAL	63820554	2	EACH	8" GATE VALVE WITH VALVE BOX (CITY OF ZANESVILLE)	

GENERAL SUMMARY

MUS - 22 - 9.95

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SHEET NUM.													PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.	
4	5	6	10	26	32	34	44						01/S<2/11	EXT	TOTAL					
TRAFFIC CONTROL																				
				1										1	630	84900	1	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
							0.59							0.59	644	00204	0.59	MILE	LANE LINE, 6"	
							0.58							0.58	644	00300	0.58	MILE	CENTER LINE	
							100							100	644	00400	100	FT	CHANNELIZING LINE, 8"	
							190							190	644	00500	190	FT	STOP LINE	
							4							4	644	01000	4	EACH	RAILROAD SYMBOL MARKING	
							10							10	644	01300	10	EACH	LANE ARROW	
							80							80	644	01510	80	FT	DOTTED LINE, 6"	
STRUCTURE 20 FOOT SPAN AND UNDER (ISFN 6000429)																				
				82										82	202	22901	82	SY	APPROACH SLAB REMOVED, AS PER PLAN	4
						LS								LS	202	11001	LS		STRUCTURE REMOVED, AS PER PLAN	34
						LS								LS	503	11100	LS		COFFERDAMS AND EXCAVATION BRACING	
						LS								LS	503	21300	LS		UNCLASSIFIED EXCAVATION	
							3,210							3,210	509	26000	3,210	LB	GALVANIZED STEEL REINFORCEMENT	
							22							22	511	46211	22	CY	CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING, AS PER PLAN	34
							9							9	511	51511	9	CY	CLASS QC2 CONCRETE, SIDEWALK, AS PER PLAN	34
							40							40	512	10100	40	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
							126							126	512	33000	126	SY	TYPE 2 WATERPROOFING	
							110							110	512	33010	110	SY	TYPE 3 WATERPROOFING	
							15							15	516	13201	15	SF	1/2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	34
							42							42	516	13601	42	SF	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	34
							LS							LS	518	21230	LS		POROUS BACKFILL WITH GEOTEXTILE FABRIC	
					72									72	611	95201	72	FT	10' X 6' CONDUIT, TYPE A, 706.05, AS PER PLAN	28
MAINTENANCE OF TRAFFIC																				
	50													50	614	11110	50	HR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
			4											4	614	12380	4	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)	
			2											2	614	12384	2	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL)	
		10												10	614	12600	10	EACH	REPLACEMENT DRUM	
			26											26	614	13310	26	EACH	BARRIER REFLECTOR, TYPE 1 (IWAY)	
														26	614	13350	26	EACH	OBJECT MARKER, ONE WAY	
														9	614	18601	9	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	6
							0.04							0.04	614	21100	0.04	MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	
							1.06							1.06	614	22110	1.06	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT	
	5													5	614	40050	5	EACH	BUSINESS ENTRANCE SIGN	
							1,185							1,185	622	41100	1,185	FT	PORTABLE BARRIER, UNANCHORED	
INCIDENTALS																				
														LS	614	11000	LS		MAINTAINING TRAFFIC	
														3	619	16000	3	MNTH	FIELD OFFICE, TYPE A	
	LS													LS	623	10001	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	4
														LS	624	10000	LS		MOBILIZATION	

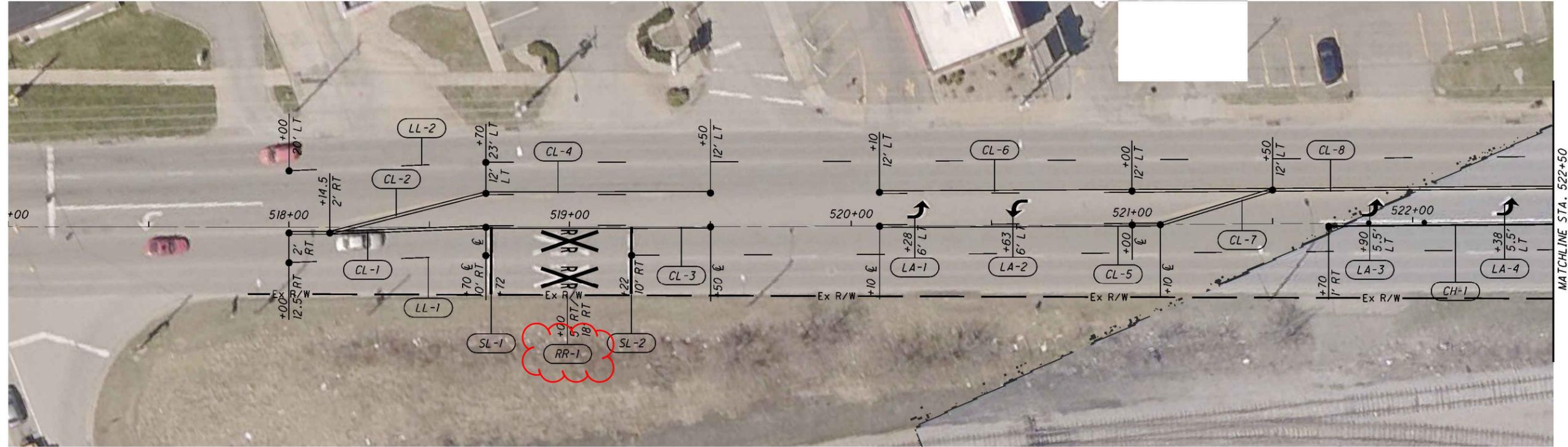
GENERAL SUMMARY

MUS - 22 - 9.95

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REF NO.	SHEET NO.	STATION TO STATION	644	644	644	644	644	644	644	644	644											
			LANE LINE, 6"	CENTER LINE (DOUBLE SOLID)	CENTER LINE (PASSING PROHIBITED LT)	CENTER LINE (PASSING PROHIBITED RT)	CHANNELIZING LINE, 8"	STOP LINE	RAILROAD SYMBOL MARKING	LANE ARROW	DOTTED LINE, 6"	MILE	MILE	MILE	MILE	FT	FT	EACH	EACH	FT		
U.S.R. 22																						
LL-1		518+00		518+70																		
LL-2		518+00		522+70																		
CL-1		518+00		518+70			0.01															
CL-2		518+14.5		518+70			0.01															
CL-3		518+70		519+50				0.02														
CL-4		518+70		519+50				0.02														
SL-1		518+72												24								
SL-2		519+22												24								
RR-1		519+00																				
LL-3		519+22		522+70				0.07														
CL-5		520+10		521+00					0.02													
CL-6		520+10		521+00																		
CL-7		521+00		521+50			0.01															
LA-1		520+28																				
LA-2		520+63																				
CL-8		521+00		522+70			0.03															
CH-1		521+70		522+70						100												
LA-3		521+90																				
LA-4		522+38																				
SL-3		522+70												35								
DL-1		522+70		523+50																		
SL-4		523+28												24								
SL-5		526+50												35								
LL-4		526+20		538+00				0.22														
LL-5		526+50		528+84				0.04														
CL-9		526+50		538+00																		
CL-10		526+50		538+00					0.22													
LA-5		527+48																				
LA-6		527+83																				
SL-6		528+84												24								
SL-7		529+34												24								
RR-2		529+07																				
LL-6		529+34		538+00				0.16														
LA-7		532+37																				
LA-8		532+72																				
LA-9		534+70																				
LA-10		535+05																				
TOTALS CARRIED TO GENERAL SUMMARY																						
			0.59	0.06	0.26	0.26	100	190	4	10	80											

CALCULATED HC CHECKED XXX	PAVEMENT MARKING SUBSUMMARY	MUS - 22 - 9.95	44 50
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LEGEND		● LOCATION POINT
CL - CENTERLINE	DL - DOTTED LINE	
LL - LANE LINE	SL - STOP LINE	
CH - CHANNELIZING LINE	LA - LANE ARROW	
	RR - RAILROAD CROSSING	



* PAVEMENT MARKINGS NO LONGER EXIST

LEGEND		● LOCATION POINT
CL - CENTERLINE	DL - DOTTED LINE	
LL - LANE LINE	SL - STOP LINE	
CH - CHANNELIZING LINE	LA - LANE ARROW	
	RR - RAILROAD CROSSING	



TRAFFIC CONTROL - PAVEMENT MARKING PLAN
STA. 518+00 TO STA. 527+50

MUS-22-9.95

45
50

CALCULATED
RJC
CHECKED
HAG