SURVEYING PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE BELOW FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL

POSITIONING METHOD: ODOT VRS
MONUMENT TYPE: TYPE B

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD 88
GEOID: TYPE B

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD83 (2011)
ELLIPSOID: GRS-80
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: OHIO STATE PLANE NORTH ZONE
COMBINED SCALE FACTOR: 0.9999857102
ORIGIN OF COORDINATE SYSTEM: 0,0,0

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

UNITS ARE IN U.S. SURVEY FEET.

PROJECT CONTROL INFORMATION - UNI-33-17.95 BRIDGE

POINT	GROUND COORDINATES		ELEVATION	STATION	ALIGNMENT	OFFSET	DESCRIPTION	CENTERLINE CONTROL			GROUND COORDINATES	
	NORTHING	EASTING						ALIGNMENT	STATION		NORTHING	EASTING
CP1	191039.712	1756445.936	980.26	15+91.37	CR 36	22.03' RT	CONCRETE MONUMENT SET	CR 36	POT	5+00.00	191335.953	1757477.580
CP2	190837.015	1756287.821	984.33	18+45.64	CR 36	16.81' RT	CONCRETE MONUMENT SET	CR 36	PC	9+31.54	191297.060	1757047.796
CP3	190331.670	1755946.371	979.27	24+53.29	CR 36	18.47' LT	CONCRETE MONUMENT SET	CR 36	PI	13+57.87	191258.637	1756623.201
CP10	190924.991	1756357.677	983.67	17+33.36	CR 36	13.40' RT	CONCRETE MONUMENT FOUND	CR 36	PT	17+33.49	190916.870	1756368.342
CP20	190077.948	1755585.168	967.33	28+94.33	CR 36	11.02' RT	CONCRETE MONUMENT FOUND	CR 36	PC	23+13.40	190451.986	1756021.674
CP30	190068.219	1755590.229	968.24	28+94.82	CR 36	0.07' RT	CONCRETE MONUMENT FOUND	CR 36	PI	26+08.08	190215.757	1755845.516
SV100	190359.806	1756669.545	962.80	951+00.00	US 33	0.00'	CONCRETE MONUMENT FOUND	CR 36	PT	28+94.65	190068.249	1755590.413
SV101	190957.725	1755867.733	964.97	940+99.79	US 33	0.00'	CONCRETE MONUMENT FOUND	CR 36	POT	31+99.98	189915.409	1755326.090

PROJECT CONTROL INFORMATION - DEL-257-0.74 (CURB AND GUTTER EXTENSION)

POINT	GROUND COORDINATES		ELEVATION	STATION	ALIGNMENT	OFFSET	DESCRIPTION	CENTERLINE CONTROL			GROUND COORDINATES	
	NORTHING	EASTING						ALIGNMENT	STATION		NORTHING	EASTING
SV1	176655.494	1794248.840	820.44	633+10.93	SR 257	-30.15	IRON PIN SET	SR 257	PI	630+00.00	176361.472	1794354.376
SV2	176488.552	1794293.499	815.13	631+38.13	SR 257	-27.83	IRON PIN SET	SR 257	PC	634+56.00	176803.523	1794242.458
SV3	177121.882	1794166.603	822.03	637+83.28	SR 257	0.00'	MONUMENT BOX FOUND	SR 257	PI	637+83.28	177121.882	1794166.603
TRAV1	176808.033	1794210.717	821.93	634+68.13	SR 257	-29.67	IRON PIN SET	SR 257	PI	635+99.34	176942.480	1794207.277
								SR 257	PT	637+42.67	177082.273	1794175.583
								SR 257	PI	637+83.28	177121.882	1794166.603

PROJECT CONTROL INFORMATION - DEL-750-1.34 (PEDESTRIAN HYBRID BEACON)

POINT	GRID COORDINATES		ELEVATION	STATION	ALIGNMENT	OFFSET	DESCRIPTION	CENTERLINE CONTROL			GROUND COORDINATES	
	NORTHING	EASTING						ALIGNMENT	STATION		NORTHING	EASTING
KEN1	179931.909	1799578.560		170+09.93	SR 750	3.06' LT	MONUMENT BOX	SR 750	TS	150+60.24	178841.946	1798222.775
KEN2	179840.129	1801526.773		189+60.38	SR 750	0.00'	MONUMENT BOX	SR 750	SC	153+50.24	179125.275	1798283.645
SV2	179964.366	1799821.396	910.11	172+51.05	SR 750	43.85' LT	MAG NAIL SET	SR 750	PI	162+41.32	179977.609	1798543.559
								SR 750	PT	168+65.01	179935.676	1799433.655
								SR 750	PI	170+86.44	179925.256	1799654.839
								SR 750	PI	170+86.52	179928.309	1799654.984
								SR 750	PI	189+60.38	179840.129	1801526.773

PROJECT CONTROL INFORMATION - DEL-750-5.65 (SIDEWALK WORK)

POINT	GROUND COORDINATES		ELEVATION	STATION	ALIGNMENT	OFFSET	DESCRIPTION	CENTERLINE CONTROL			GROUND COORDINATES	
	NORTHING	EASTING						ALIGNMENT	STATION		NORTHING	EASTING
41596	179046.011	1822697.338	944.56	65+40.03	SR 750	38.88' RT	X-NOTCH ON CONCRETE BASE OF SIGNAL POLE	SR 750	PI	53+00.00	179146.167	1821460.743
101	179071.802	1822273.164	939.34	61+15.10	SR 750	34.10' RT	IRON PIN SET	SR 750	PI	71+04.58	179056.929	1823263.116
100	179123.457	1822795.174	943.55	66+33.92	SR 750	43.31' LT	IRON PIN SET					

WINDOW CONTRACT TABLE

DISINCENTIVE CONTRACT TABLE

DESCRIPTION OF WORK	COMPLETION DATE	TIME PERIOD	DISINCENTIVE $ PER TIME PERIOD
BEECHER-GAMBLE ROAD BRIDGE OVER U.S. 33	SEPTEMBER 1, 2024	DAY	$2,500

GENERAL NOTES

UNI/DEL-33/VAR-17.95/VAR

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DESIGN AGENCY
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DESIGNER
BJA
REVIEWER
CAM 05/18/23
PROJECT ID
115685
SHEET P.6 TOTAL 91

ITEM 614, MAINTAINING TRAFFIC
ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED, AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (CURRENT EDITION). COPIES ARE AVAILABLE FROM,

THE OHIO DEPARTMENT OF TRANSPORTATION
BUREAU OF TRAFFIC,
1980 WEST BROAD STREET
COLUMBUS, OHIO 43223

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK LISTED IN THE GENERAL SUMMARY FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER.

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

CONSTRUCTION OPERATIONS SHALL NOT BEGIN UNTIL ALL TRAFFIC CONTROL IS IN PLACE AND APPROVED BY ODOT PERSONNEL. THE CONSTRUCTION INSPECTOR SHALL APPROVE ALL TEMPORARY TRAFFIC CONTROL DEVICES FOR CONDITION AND LOCATION BEFORE THE CONTRACTOR WILL BE ALLOWED TO BEGIN WORK. IF THE CONTRACTOR DOES NOT COMPLY WITH THE STANDARDS, HIS PERMIT SHALL BE REVOKED AND ALL WORK SHALL BE TERMINATED.

US 33
MAINTAIN ALL EXISTING LANES EXCEPT SHORT TERM CLOSURES PER MT-99.60 OR LANE CLOSURES PERMITTED BY THE LANE VALUE CONTRACT TABLE INCLUDED ON THIS SHEET.

BEECHER GAMBLE ROAD
REFER TO WINDOW CONTRACT TABLE ON SHEET P.6

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

ITEM 614, MAINTAINING TRAFFIC (ROAD CLOSED SIGN)
THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN STANDARD 48 X 30 INCH ROAD CLOSED SIGNS, SIGN SUPPORTS, BARRICADES AND LIGHTS, AS DETAILED IN SCD MT-101.60 AT THE FOLLOWING LOCATIONS DURING PERIODS IN WHICH THE AFFECTED ROADS ARE CLOSED TO TRAFFIC.

BEECHER GAMBLE ROAD JUST EAST OF JACOBS LANE
BEECHER GAMBLE ROAD JUST WEST OF BEECHER GAMBLE ROAD N

ITEM 614, MAINTAINING TRAFFIC (SIGNS AND BARRICADES)
THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN SIGNS AND SIGN SUPPORTS, AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND TYPE III BARRICADES OF THE TYPE AND LOCATION AS FOLLOWS:

BEECHER GAMBLE ROAD JUST EAST OF INDUSTRIAL PARKWAY
BEECHER GAMBLE ROAD JUST EAST OF JACOBS LANE
BEECHER GAMBLE ROAD JUST WEST OF BEECHER GAMBLE ROAD N

ITEM 614, MAINTAINING TRAFFIC (NOTICE OF CLOSURE SIGN)
NOTICE OF CLOSURE SIGNS (W20-H13) SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED ROAD OR RAMP CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TIME TABLE BELOW.

THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD/RAMP FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT OR NEAR THE POINT OF CLOSURE. THE SIGNS MAY BE ERECTED ANYWHERE ON RAMPS AS LONG AS THEY ARE VISIBLE TO THE MOTORISTS USING THE RAMP. ON ENTRANCE RAMPS, THE SIGN SHALL BE ERECTED WELL IN ADVANCE OF THE MERGE AREA TO AVOID DISTRACTING MOTORISTS.

NOTIFICATION OF CLOSURE SIGN TIME TABLE

ITEM	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
RAMP & ROAD CLOSURES	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	7 CALENDAR DAYS PRIOR TO CLOSURE
	<= 12 HOURS	2 BUSINESS DAYS PRIOR TO CLOSURE

THE SIGN SHALL DISPLAY THE DATE OF THE CLOSURE IN MMM-DD FORMAT AND THE NUMBER OF DAYS OF THE CLOSURE. THE LAST LINE OF THE W20-H13 SIGN LISTS A PHONE NUMBER WHICH A MOTORIST MAY CALL FOR ADDITIONAL INFORMATION. THIS IS TO BE A SPECIFIC OFFICE WITHIN THE DISTRICT RATHER THAN THE GENERAL SWITCHBOARD NUMBER.

WORK ZONE MARKINGS AND SIGNS
THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT LOCATIONS IDENTIFIED BY THE ENGINEER FOR WORK ZONE PAVEMENT MARKINGS AND SIGNS PER THE REQUIREMENTS OF C&MS 614.04 AND 614.11.

ITEM 614, WORK ZONE CENTER LINE, CLASS III, 642 PAINT 0.13 MILE
ITEM 614, WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT 0.26 MILE

LANE VALUE CONTRACT TABLE
THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE AS DESIGNATED IN THE LANE VALUE CONTRACT TABLE FOR EACH UNIT OF TIME A LANE/SHOULDER/RAMP IS CLOSED BY THE CONTRACTOR'S ACTION WHILE NOT OTHERWISE PERMITTED BY THE LANE VALUE CONTRACT TABLE.

LANE VALUE CONTRACT TABLE
UNI-33

SECTION (SLM)	EXISTING NUMBER OF LANES PER DIRECTION	LANE CLOSURES ARE NOT PERMITTED				DISINCENTIVE AMOUNTS PER MINUTE PER LANE
		LANE REDUCTION	MON TO FRI	SAT	SUN	
LOGAN COUNTY LINE (0.00) TO NORTHWEST PARKWAY (8.79)	2	2 TO 1	6AM-9AM & 2PM-6PM	NO RESTRICTION	NO RESTRICTION	$155
NORTHWEST PARKWAY (8.79) TO US42 (20.37)	2	2 TO 1	6AM-8AM & 3PM-6PM	NO RESTRICTION	NO RESTRICTION	$200
US42 (20.37) TO SR 161 (25.05)	2	2 TO 1	5AM-10AM & 1PM-7PM	NO RESTRICTION	NO RESTRICTION	$245

SINGLE LANE CLOSURE HOURS SHALL ALSO APPLY TO SHORT TERM SHOULDER CLOSURES.

NOTIFICATION OF TRAFFIC RESTRICTIONS
THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION OF TRAFFIC RESTRICTIONS TIME TABLE

ITEM	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
RAMP & ROAD CLOSURES	>= 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	<= 12 HOURS	4 CALENDAR DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 2 WEEKS	5 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES	N/A	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE.

ITEM 614, WORK ZONE IMPACT ATTENUATOR FOR 24" WIDE HAZARDS (UNIDIRECTIONAL)
THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING A NON-GATING IMPACT ATTENUATOR. FURNISH AN IMPACT ATTENUATOR FROM THE OFFICE OF ROADWAY ENGINEERING'S APPROVED LIST FOR WORK ZONE IMPACT ATTENUATORS, FROM THE ROADWAY STANDARDS APPROVED PRODUCTS WEB PAGE.

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

THE CONTRACTOR SHALL REPAIR OR REPLACE A DAMAGED UNIT WITHIN 24 HOURS OF A DAMAGING IMPACT.

WHEN BIDIRECTIONAL DESIGNS ARE SPECIFIED, THE CONTRACTOR SHALL SUPPLY APPROPRIATE TRANSITIONS.

WHEN GATING IMPACT ATTENUATORS ARE DESIRED, THE CONTRACTOR SHALL SUBMIT DOCUMENTATION TO THE ENGINEER FOR ACCEPTANCE.

THE COST FOR THE ADDITIONAL BARRIER REQUIRED FOR A GATING IMPACT ATTENUATOR SHALL BE INCLUDED IN THE COST OF THE GATING IMPACT ATTENUATOR.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT AND MAINTAIN A COMPLETE AND FUNCTIONAL IMPACT ATTENUATOR SYSTEM, INCLUDING ALL RELATED BACKUPS, TRANSITIONS, LEVELING PADS, HARDWARE AND GRADING, NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

WORK SITE LIGHTING
FLOODLIGHTING OF THE WORK SITE FOR OPERATIONS CONDUCTED DURING NIGHTTIME PERIODS SHALL BE ACCOMPLISHED SO THAT THE LIGHTS DO NOT CAUSE GLARE TO THE DRIVERS ON THE ROADWAY. TO ENSURE THE ADEQUACY OF THE FLOODLIGHT PLACEMENT, THE CONTRACTOR, AND THE ENGINEER SHALL DRIVE THROUGH THE WORK SITE EACH NIGHT WHEN THE LIGHTING IS IN PLACE AND OPERATIVE PRIOR TO COMMENCING ANY WORK. IF GLARE IS DETECTED, THE LIGHT PLACEMENT AND SHIELDING SHALL BE ADJUSTED TO THE SATISFACTION OF THE ENGINEER BEFORE WORK PROCEEDS. PAYMENT FOR ALL LABOR, EQUIPMENT, AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

MAINTENANCE OF TRAFFIC NOTES

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DESIGN AGENCY
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DESIGNER CAM
REVIEWER BJA 05/18/23
PROJECT ID 115685
SHEET P.7 TOTAL 91

SHEET NUM.												PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
P.5	P.8	P.9	P.13	P.19	P.22	P.28	P.29	P.69	P.78	P.83	P.91	01/BRO/13	02/ENH/28	03/S>2/44						
																			TRAFFIC CONTROL	
					4							4			626	00102	4	EACH	BARRIER REFLECTOR, TYPE 1, 1-WAY	
					2							2			626	00102	2	EACH	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL	
					4							4			626	00110	4	EACH	BARRIER REFLECTOR, TYPE 2, 1-WAY	
					10							10			626	00110	10	EACH	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL	
									40		25		65		630	02100	65	FT	GROUND MOUNTED SUPPORT, NO. 2 POST	
								11						11	630	03100	11	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
											2		2		630	79200	2	EACH	SIGN ATTACHMENT ASSEMBLY, MAST ARM	
											8		8		630	79500	8	EACH	SIGN SUPPORT ASSEMBLY, POLE MOUNTED	
											52.8		52.8		630	80100	52.8	SF	SIGN, FLAT SHEET	
								1	5				5	1	630	85100	6	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	
								1	3				3	1	630	86002	4	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
						0.15						0.15			642	00104	0.15	MILE	EDGE LINE, 6", TYPE 1	
						0.08						0.08			642	00300	0.08	MILE	CENTER LINE, TYPE 1	
								0.03						0.03	644	00104	0.03	MILE	EDGE LINE, 6"	
									26		68		94		644	00500	94	FT	STOP LINE	
									260		54		314		644	00620	314	FT	CROSSWALK LINE, 12"	
											108		108		644	30000	108	FT	REMOVAL OF PAVEMENT MARKING	
						0.11						0.11			646	10010	0.11	MILE	EDGE LINE, 6"	
						0.06						0.06			646	10200	0.06	MILE	CENTER LINE	
																			TRAFFIC SIGNALS	
											151		151		625	25400	151	FT	CONDUIT, 2", 725.04	
											37		37		625	25500	37	FT	CONDUIT, 3", 725.04	
											72		72		625	25900	72	FT	CONDUIT, JACKED OR DRILLED, 2"	
											1		1		625	25930	1	EACH	CONDUIT, MISC.: CONDUIT INTERCEPT	P.84
											138		138		625	29000	138	FT	TRENCH	
											2		2		625	30706	2	EACH	PULL BOX, 725.08, 24"	
											1		1		625	31507	1	EACH	PULL BOX REMOVED AND REPLACED, AS PER PLAN	P.84
									2				2		625	31510	2	EACH	PULL BOX REMOVED	
											4		4		625	32000	4	EACH	GROUND ROD	
											4		4		632	05006	4	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, BLACK	
											4		4		632	20731	4	EACH	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN	P.84
											10		10		632	25000	10	EACH	COVERING OF VEHICULAR SIGNAL HEAD	
											6		6		632	25010	6	EACH	COVERING OF PEDESTRIAN SIGNAL HEAD	
											4		4		632	26001	4	EACH	PEDESTRIAN PUSHBUTTON, AS PER PLAN	P.86
											620		620		632	40500	620	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	
											35		35		632	40700	35	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	
											1		1		632	64010	1	EACH	SIGNAL SUPPORT FOUNDATION	
											2		2		632	64020	2	EACH	PEDESTAL FOUNDATION	
											364		364		632	65300	364	FT	LOOP DETECTOR LEAD-IN CABLE, 2 CONDUCTOR, NO. 14 AWG	
											38		38		632	68200	38	FT	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG	
											90		90		632	68300	90	FT	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG	
											1		1		632	70000	1	EACH	POWER SERVICE	
											1		1		632	70400	1	EACH	CONDUIT RISER, 2" DIAMETER	
											1		1		632	72150	1	EACH	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 14	
											3		3		632	90000	3	EACH	PEDESTAL, 11', TRANSFORMER BASE	
											10		10		632	90030	10	FT	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, 2" CONDUIT	
											24		24		632	90030	24	FT	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, 3" CONDUIT	
											2		2		632	90101	2	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	P.85
											1		1		632	90400	1	EACH	SIGNALIZATION, MISC.: CDMA MODEM, FURNISH ONLY	P.84
											1		1		633	65511	1	EACH	CABINET, TYPE TS-2, AS PER PLAN	P.84
											1		1		633	67100	1	EACH	CABINET FOUNDATION	
											1		1		633	75001	1	EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	P.85
											1		1		809	69123	1	EACH	ATC CONTROLLER, AS PER PLAN	P.84

GENERLA SUMMARY

DESIGN AGENCY
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DESIGNER
BJA

REVIEWER
CAM 10/16/23

PROJECT ID
115685

SHEET P.17 TOTAL 91

UNI/DEL-33/VAR-17.95/VAR

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