WOOD POSTS SHALL BE NOMINAL 4 INCHES BY 4 INCHES SQUARE OR 4.5 INCHES DIAMETER ROUND, AND CONFORM TO 710.14.

STEEL POSTS SHALL BE NOMINAL PIPE SIZE 2 INCHES I.D., AND CONFORM TO AASHTO M 181.

ALL HARDWARE INCLUDING BUT NOT LIMITED TO PLATES, SCREWS, BOLTS, AND ETC. SHALL BE COMMERCIAL-GRADE GALVANIZED STEEL.

POSTS SHALL BE SET PER THE FIRST PARAGRAPH OF 606.03
AND SHALL IN NO INSTANCE BE ENCASED IN CONCRETE.

SUPPORT HARDWARE SHALL ACCOMMODATE EITHER A SINGLE OR A DOUBLE MAILBOX INSTALLATION, AND NO MORE THAN TWO BOXES MAY BE MOUNTED ON A SINGLE POST.

THE MAILBOX SHALL BE SECURELY AND NEATLY ATTACHED BY THE CONTRACTOR TO THE NEW SUPPORT. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ATTACHMENT HARDWARE (NUTS, BOLTS, PLATES, SPACERS, AND WASHERS) AS NECESSARY TO ACCOMMODATE THE COMPLETE INSTALLATION.

IN THE ABSENCE OF A NEW BOX SUPPLIED BY THE OWNER, THE CONTRACTOR SHALL SALVAGE THE EXISTING BOX AND PLACE IT ON THE NEW SUPPORT. DUE CARE SHALL BE EXERCISED IN SUCH AN OPERATION, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY BOX DAMAGED BY IMPROPER HANDLING ON HIS PART, AS JUDGED AND DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE LOCAL POST MASTER REGARDING THE TIMING OF THE MOVEMENT OF ANY MAILBOX TO A NEW LOCATION.

PAYMENT UNDER THIS ITEM SHALL BE LIMITED TO FINAL PERMANENT INSTALLATIONS. TEMPORARY INSTALLATIONS SHALL BE IN ACCORDANCE WITH 107.10. HOWEVER, THE SAME MATERIAL AND SIZE LIMITATIONS SHALL APPLY.

MAILBOX SUPPORTS, COMPLETE IN PLACE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH, FOR ITEM SPECIAL MAILBOX SUPPORT SYSTEM. (SINGLE) (DOUBLE).

ENVIRONMENTAL NOTES - 4(F) COMMITMENTS

ACCESS TO JEROME TOWNSHIP PARK AND SOLIDER'S MONUMENT WILL BE MAINTAINED VIA THE NEW CALIFORNIA CHURCH DRIVEWAY AND PARKING LOT DURING CONSTRUCTION ACTIVITIES.

TEMPORARY CONSTRUCTION FENCING SHALL BE INSTALLED ALONG PROPOSED CONSTRUCTION LIMITS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES TO PROTECT JEROME TOWNSHIP PARK AND SOLDIER'S MONUMENT PROPERTY AND THE PUBLIC.

APPROPRIATE SIGNAGE SHALL BE INSTALLED IN THE NEW CALIFORNIA CHURCH PARKING LOT TO ALERT USERS OF THE JEROME TOWNSHIP PARK AND SOLDIER'S MONUMENT OF CONSTRUCTION ACTIVITIES, ACCESS RESTRICTIONS, AND TO DIRECT USERS TO SECONDARY ACCESS POINTS.

THE STAGING AND/OR STORAGE OF CONSTRUCTION EQUIPMENT OR MATERIALS SHALL NOT TAKE PLACE OUTSIDE PROPOSED CONSTRUCTION LIMITS THAT ARE WITHIN THE DEFINED BOUNDARIES OF THE JEROME TOWNSHIP PARK AND SOLDIER'S MONUMENT.

THE CONTRACTOR SHALL BE REQUIRED TO CLOSELY COORDINATE
THE CONSTRUCTION SCHEDULE WITH ODOT AND THE JEROME
TOWNSHIP TRUSTEES PRIOR TO THE START OF CONSTRUCTION
ACTIVITIES.

ITEM 625 - SPECIAL, MAINTAIN EXISTING LIGHTING

EXISTING ROADWAYS WHICH ARE TO REMAIN OPEN TO TRAFFIC DURING CONSTRUCTION OF THIS PROJECT AND WHICH ARE LIGHTED SHALL HAVE THE LIGHTING MAINTAINED AS DESCRIBED HEREIN.

BEFORE ANY WORK IS STARTED IN THE IMMEDIATE VICINITY
OF THE EXISTING LIGHTING CIRCUITS, REPRESENTATIVES OF
ODOT, THE MAINTAINING AGENCY AND THE CONTRACTOR SHALL
MAKE A VISUAL INSPECTION OF THE EXISTING ROADWAY
LIGHTING CURCUITS TO BE MAINTAINED. DURING THIS
INSPECTION, A WRITTEN RECORD OF THE CONDITION OF
EXISTING LIGHTING SHALL BE MADE BY ODOT'S REPRESENTATIVE.
THIS WRITTEN REPORT SHALL NOTE INDIVIDUAL LUMINAIRES
WHICH ARE NOT IN WORKING ORDER, INDIVIDUAL POLES WHICH
ARE NOT STANDING, AND INDIVIDUAL CIRCUITS WHICH ARE NOT
IN WORKING ORDER. THE COMPLETED REPORT SHALL BE SIGNED
BY THE REPRESENTATIVES OF ODOT, THE MAINTAINING AGENCY
AND THE CONTRACTOR.

IF, AS A RESULT OF THIS INSPECTION, IT IS DETERMINED
THAT THE CONDITION OF THE EXISTING SYSTEM IS BELOW
THAT REQUIRED FOR SAFETY OF THE TRAVELING PUBLIC, THEN
THE MAINTAINING AGENCY SHALL MAKE THE REPAIRS NECESSARY
TO RETURN THE SYSTEM TO AN ACCEPTABLE CONDITION.
FOLLOWING THESE REPAIRS, THE SYSTEM SHALL AGAIN BE
INSPECTED AND A REPORT SHALL BE MADE AND SIGNED AS
OUTLINED HEREIN.

WHEN THE EXISTING SYSTEM IS IN AN ACCEPTABLE CONDITION,
IT SHALL BE TURNED OVER TO THE CONTRACTOR WHO SHALL
THEN BE REQUIRED TO MAINTAIN THE EXISTING LIGHTING TO
THE CONDITION OUTLINED IN THIS REPORT WITH THE EXCEPTION
OF KNOCKDOWNS DUE TO TRAFFIC ACCIDENTS.

REPLACEMENT OF KNOCKED DOWN UNITS SHALL BE DONE ONLY WHEN THE ENGINEER HAS DETERMINED THAT THE REPLACEMENT OF THE KNOCKED DOWN UNIT IS NECESSARY AND SHALL BE PAID SEPARATELY ON A UNIT BASIS.

BETTERMENTS SHALL BE COVERED IN ITEMS OF WORK PERTAINING TO THE CONSTRUCTION OF PERMANENT IMPROVEMENT.

ITEM 625 - SPECIAL, MAINTAIN EXISTING LIGHTING CONT.

WHEN THE SEQUENCE OF CONSTRUCTION ACTIVITIES REQUIRES, OR SHOULD THE CONTRACTOR DESIRE, THE REMOVAL OF THE EXISTING LIGHTING BEFORE THE NEW LIGHTING IS OPERATIONAL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY LIGHTING OF THIS PORTION OF THE ROADWAY.

PRIOR TO INSTALLING SUCH LIGHTING, THE CONTRACTOR
SHALL PREPARE AND SUBMIT FOUR SETS OF THE TEMPORARY
LIGHTING PLAN TO THE ENGINEER FOR REVIEW AND APPROVAL.

THIS PLAN SHALL SHOW THE LOCATIONS OF POLES, LENGTHS OF BRACKET ARMS, STYLES OF LUMINAIRES, MOUNTING HEIGHTS, WIRING METHODS AND OTHER PERTINENT INFORMATION. THE TEMPORARY LIGHTING SHALL PROVIDE AN AVERAGE INITIAL INTENSITY OF 1.2 FOOTCANDLES WITH AN AVERAGE TO MINIMUM UNIFORMITY NOT TO EXCEED 3:1. MOUNTING HEIGHT OF TEMPORARY LUMINAIRES SHALL NOT BE LESS THAN 30 FEET. AND THE MINIMUM OVERHEAD CONDUCTOR CLEARANCE SHALL BE 20 FEET. TEMPORARY OVERHEAD CONSTRUCTION SHALL NOT BE LESS THAN GRADE "A" FOR STRENGTH REQUIREMENTS AS DEFINED BY THE NATIONAL ELECTRIC SAFETY CODE. WOOD POLES WITH OVERHEAD WIRING MAY BE USED. HOWEVER, TEMPORARY LIGHTING SHALL MEET FEDERAL AND STATE SAFETY CRITERIA. IF BREAKAWAY POLES ARE USED TO MEET THIS CRITERIA, THEN UNDERGROUND WIRING SHALL BE USED. RECONDITIONED OR USED MATERIALS MAY BE FURNISHED FOR TEMPORARY LIGHTING.

ALL MATERIALS NECESSARY TO COMPLETE THE TEMPORARY LIGHTING SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. WHEN NO LONGER NEEDED, THE TEMPORARY LIGHTING INSTALLATION SHALL BE REMOVED AND PROPERLY DISPOSED OF BY THE CONTRACTOR.

THE MAINTAINING AGENCY WILL PAY FOR ELECTRICAL ENERGY CONSUMED BY EXISTING POWER SERVICES AND BY PROPOSED PERMANENT POWER SERVICES AFTER ACCEPTANCE OF THE LIGHTING WORK. THE CONTRACTOR WILL PAY FOR ELECTRICAL ENERGY, INSTALLATION, REMOVAL AND MAINTENANCE OF ANY TEMPORARY POWER SERVICES.

WHEN THE PROJECT BEGINS, THE HIGHWAY LIGHTING WITHIN THE PROJECT'S WORK LIMITS SHALL BE MARKED ONCE BY ODOT PERSONNEL OR AN ODOT REPRESENTATIVE. THE CONTRACTOR SHALL TAKE CARE TO NOTE WHERE THE INFRASTRUCTURE IS LOCATED. AFTER THIS INITIAL MARKING HAS OCCURRED, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ANY REMARKING OF THE ITS INFRASTRUCTURE WHEN NEEDED. LOCATING BY THE CONTRACTOR WILL BE DONE AT A MINIMUM EVERY 14 DAYS.

THE LUMP SUM PRICE FOR ITEM SPECIAL "MAINTAIN EXISTING LIGHTING" SHALL INCLUDE PAYMENT FOR ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO MAINTAIN THE EXISTING LIGHTING AS SPECIFIED HEREIN.

THE UNIT PRICE BID FOR ITEM SPECIAL "REERECTION OF EXISTING LIGHTING UNIT" SHALL BE FULL PAYMENT FOR THE REERECTION OF AN EXISTING LIGHTING UNIT WHICH HAS BEEN KNOCKED DOWN AFTER THE AFOREMENTIONED INSPECTION AND SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO REERECT SUCH UNIT. CALCULATEI
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		1					ITEM			UNIT	DESCRIPTION	SHEET	CUL/ AC\$
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108					108		611	06100	108	FT	15" CONDUIT, TYPE C		-
66					108	66	611	08700	66		21" CONDUIT, TYPE A		\exists
23					23	00	611	09400	23		21" CONDUIT, TYPE D		_
67					67		611	10200	67		24" CONDUIT, TYPE A		-
59					07	59	611	10400	59		24" CONDUIT, TYPE B		\dashv
39						39	011	10400	39	1 1	24 CONDOIT, TIFE B		\dashv
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70						70	611	22200	70		54" CONDUIT, TYPE A		-
70				90	90	70	611	94801	90		8' X 4' CONDUIT, TYPE A, 706.05, AS PER PLAN	P.237	
18				90	14	1	611	98180	18		CATCH BASIN, NO. 3A	F.237	\dashv
10					14	1	611	98370	10		CATCH BASIN, NO. 5A		
						–	011	36370		LACII	CATCH BASIN, NO. 0		
1					1		611	98470	1	EACH	CATCH BASIN, NO. 2-2B		
1					1		611	99574	1		MANHOLE, NO. 3		_
5					5		611	96500	5	FT	CONDUIT RECONSTRUCTED, 12" CMP		
10						10	611	99660	10	EACH	MANHOLE RECONSTRUCTED TO GRADE		
10	22				15	7	611	99710	22		PRECAST REINFORCED CONCRETE OUTLET		⊣ >
		+			13	′	OTT	22/10		LACIT	I REGAST REINTORGED CONCRETE OUTELT		<u> </u>
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	9,779.5				7,661.6		301	56000	9,779.5		ASPHALT CONCRETE BASE, PG64-22, (449)		5
457	7,251.9					2,028.9	304	20000	7,708.9		AGGREGATE BASE		∦ ≦
63	11,239				8,657.8		407	20000	11,302	GAL	NON-TRACKING TACK COAT		
51	2,388.6	_			1,859.5		441	10200	2,439.6		ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446)		┨ ┕
31	2,300.0				1,055.5	300.1	771	10200	2,433.0	<u> </u>	ASITIALI CONCRETE INTERNITEDIATE COORSE, THE 2, (440)		
51	2,263.8				1,809.7	505.1	442	10000	2,314.8	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446)		┨
3,447	2,203.0				2,574	873	609	24510	3,447		CURB, TYPE 4-C		⊣ և
3,447					2,374	0/3	003	24310	3,447	• • •	COND, TITE 4 C		∣ѿ
											LIGHTING		┨
					LS		SPECIAL	62540000	LS		MAINTAIN EXISTING LIGHTING	P.11A	
4					4 4		625	75400	uuu_		LIGHT POLE REMOVED	······································	∜
·							020	75.155	·				
											TRAFFIC CONTROL		_
		527.5			441	86.5	630	02100	527.5	FT	GROUND MOUNTED SUPPORT, NO. 2 POST		
		438			291	147	630	03100	438		GROUND MOUNTED SUPPORT, NO. 3 POST		1
		54			54		630	04100	54		GROUND MOUNTED SUPPORT, NO. 4 POST		
		478.1			366.6	111.5	630	80100	478.1	SF	SIGN, FLAT SHEET		
		38			27	11	630	84900	38	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL		
		2			2		630	85100	2	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION		
		40			29	11	630	86002	40	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL		
		2.94			1.16	1.78	644	00104	2.94	MILE	EDGE LINE, 6"		
		1.12			1.12		644	00204	1.12		LANE LINE, 6"		
		2.19			1.62	0.57	644	00300	2.19		CENTER LINE]
													_
		4,642			2,945	1,697	644	00400	4,642	FT	CHANNELIZING LINE, 8"		_
	i	396			314	82	644	00500	396	FT	STOP LINE		
		390			1 10	26	644	01300	72	EACH	LANE ARROW		
		72			46				 	27 (011			
		72			1,256	20	644	01510	1,256	FT	DOTTED LINE, 6"		
		72				20	644		1,256	FT	DOTTED LINE, 6"		
		72			1,256	20		01510	1,256	FT	DOTTED LINE, 6" TRAFFIC SIGNALS		
		72	2		1,256		625	01510 18510	2	FT	DOTTED LINE, 6" TRAFFIC SIGNALS BRACKET ARM, 30'		
		72	13		1,256 2 13		625 625	01510 18510 25400	2 13	FT	DOTTED LINE, 6" TRAFFIC SIGNALS BRACKET ARM, 30' CONDUIT, 2", 725.04		
		72	13 72		1,256 2 13 72		625 625 625	18510 25400 25500	2	EACH FT FT	DOTTED LINE, 6" TRAFFIC SIGNALS BRACKET ARM, 30' CONDUIT, 2", 725.04 CONDUIT, 3", 725.04		100
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		72	13 72		1,256 2 13 72		625 625 625	18510 25400 25500	2 13	EACH FT FT	DOTTED LINE, 6" TRAFFIC SIGNALS BRACKET ARM, 30' CONDUIT, 2", 725.04 CONDUIT, 3", 725.04	P.264	
		72	13 72 2 24		1,256 2 13 72 2 24		625 625 625 625 625	18510 25400 25500 26253 29000	2 13 72 2 24	EACH FT FT	TRAFFIC SIGNALS BRACKET ARM, 30' CONDUIT, 2", 725.04 CONDUIT, 3", 725.04 LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, ASYMMETRIC, 120V TRENCH	P.264	
		72	13 72 2		1,256 2 13 72 2		625 625 625 625 625 632	18510 25400 25500 26253 29000	2 13 72 2	EACH FT FT EACH FT	TRAFFIC SIGNALS BRACKET ARM, 30' CONDUIT, 2", 725.04 CONDUIT, 3", 725.04 LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, ASYMMETRIC, 120V TRENCH MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES	P.264	
		72	13 72 2 24		1,256 2 13 72 2 24		625 625 625 625 625 632 625	18510 25400 25500 26253 29000 30200 30706	2 13 72 2 24	EACH FT FT EACH FT FT EACH	TRAFFIC SIGNALS BRACKET ARM, 30' CONDUIT, 2", 725.04 CONDUIT, 3", 725.04 LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, ASYMMETRIC, 120V TRENCH MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES PULL BOX, 725.08, 24"	P.264	
		72	13 72 2 24 415 1 4		1,256 2 13 72 2 24 415 1 4		625 625 625 625 625 632 625 625	18510 25400 25500 26253 29000 30200 30706 32000	2 13 72 2 24 415 1 4	EACH FT EACH FT FT EACH EACH EACH	TRAFFIC SIGNALS BRACKET ARM, 30' CONDUIT, 2", 725.04 CONDUIT, 3", 725.04 LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, ASYMMETRIC, 120V TRENCH MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES PULL BOX, 725.08, 24" GROUND ROD	P.264	
		72	13 72 2 24		1,256 2 13 72 2 24		625 625 625 625 625 625 625 625	18510 25400 25500 26253 29000 30706 32000 36010	2 13 72 2 24	EACH FT EACH FT FT EACH EACH EACH FT	TRAFFIC SIGNALS BRACKET ARM, 30' CONDUIT, 2", 725.04 CONDUIT, 3", 725.04 LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, ASYMMETRIC, 120V TRENCH MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES PULL BOX, 725.08, 24" GROUND ROD UNDERGROUND WARNING/MARKING TAPE		
		72	13 72 2 24 415 1 4		1,256 2 13 72 2 24 415 1 4		625 625 625 625 625 632 625 625	18510 25400 25500 26253 29000 30200 30706 32000	2 13 72 2 24 415 1 4	EACH FT EACH FT FT EACH EACH EACH FT	TRAFFIC SIGNALS BRACKET ARM, 30' CONDUIT, 2", 725.04 CONDUIT, 3", 725.04 LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, ASYMMETRIC, 120V TRENCH MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES PULL BOX, 725.08, 24" GROUND ROD		
		72	13 72 2 24 415 1 4 24		1,256 2 13 72 2 24 415 1 4 24		625 625 625 625 625 625 625 625 625 632	18510 25400 25500 26253 29000 30706 32000 36010 05007	2 13 72 2 24 415 1 4 24	EACH FT EACH FT EACH EACH EACH EACH	TRAFFIC SIGNALS BRACKET ARM, 30' CONDUIT, 2", 725.04 CONDUIT, 3", 725.04 LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, ASYMMETRIC, 120V TRENCH MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES PULL BOX, 725.08, 24" GROUND ROD UNDERGROUND WARNING/MARKING TAPE VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	P.265	11NI-42-3
		72	13 72 2 24 415 1 4 24 6		1,256 2 13 72 2 24 415 1 4 24 6		625 625 625 625 625 625 625 625 625 632	18510 25400 25500 26253 29000 30706 32000 36010 05007	2 13 72 2 24 415 1 4 24 6	EACH FT EACH FT EACH EACH EACH EACH EACH	TRAFFIC SIGNALS BRACKET ARM, 30' CONDUIT, 2", 725.04 CONDUIT, 3", 725.04 LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, ASYMMETRIC, 120V TRENCH MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES PULL BOX, 725.08, 24" GROUND ROD UNDERGROUND WARNING/MARKING TAPE VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	P.265	11NI-42-3
		72	13 72 2 24 415 1 4 24 6		1,256 2 13 72 2 24 415 1 4 24 6 6 12		625 625 625 625 625 625 625 625 625 632 632	18510 25400 25500 26253 29000 30706 32000 36010 05007	2 13 72 2 24 415 1 4 24 6	EACH FT EACH FT EACH EACH EACH EACH EACH	TRAFFIC SIGNALS BRACKET ARM, 30' CONDUIT, 2", 725.04 CONDUIT, 3", 725.04 LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, ASYMMETRIC, 120V TRENCH MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES PULL BOX, 725.08, 24" GROUND ROD UNDERGROUND WARNING/MARKING TAPE VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN COVERING OF VEHICULAR SIGNAL HEAD	P.265	LINI-42-2
		72	13 72 2 24 415 1 4 24 6 6 12 415		1,256 2 13 72 2 24 415 1 4 24 6 6 12 415		625 625 625 625 625 625 625 625 625 632 632 632	18510 25400 25500 26253 29000 30706 32000 36010 05007 05087 25000 30600	2 13 72 2 24 415 1 4 24 6	EACH FT EACH FT EACH EACH EACH FT EACH FT EACH FT EACH FT EACH	TRAFFIC SIGNALS BRACKET ARM, 30' CONDUIT, 2", 725.04 CONDUIT, 3", 725.04 LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, ASYMMETRIC, 120V TRENCH MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES PULL BOX, 725.08, 24" GROUND ROD UNDERGROUND WARNING/MARKING TAPE VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN COVERING OF VEHICULAR SIGNAL HEAD TETHER WIRE, WITH ACCESSORIES	P.265	11NI-42-3
		72	13 72 2 24 415 1 4 24 6		1,256 2 13 72 2 24 415 1 4 24 6 6 12		625 625 625 625 625 625 625 625 625 632 632	18510 25400 25500 26253 29000 30706 32000 36010 05007	2 13 72 2 24 415 1 4 24 6	EACH FT EACH FT EACH EACH EACH FT EACH FT EACH FT EACH FT EACH	TRAFFIC SIGNALS BRACKET ARM, 30' CONDUIT, 2", 725.04 CONDUIT, 3", 725.04 LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, ASYMMETRIC, 120V TRENCH MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES PULL BOX, 725.08, 24" GROUND ROD UNDERGROUND WARNING/MARKING TAPE VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN COVERING OF VEHICULAR SIGNAL HEAD	P.265	P.10

						SHEET	NUM.				PA	RT.		ITEM	GRAND			SEE	A TED S :ED
P.12	2	P.13	P.14	P.14A	P.112	P.121	P.124	P.127	P.237	P.243A	01/STR/0	02/STR/0	ITEM	EXT	TOTAL	UNIT	ITEMS SHIFTED DESCRIPTION DOWN ONE	SHEET NO.	CALCUL AC CHECK
						4					4	4	632	64000	4	EACH	STRAIN POLE FOUNDATION		
						103					103		632	68300	103	FT	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG		
						134 1					134		632 632	69800 70000	134	FT EACH	SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG POWER SERVICE		
						2					2		632	70400	2	EACH	CONDUIT RISER, 2" DIAMETER		1
						2					2		632	86150	2	EACH	STRAIN POLE, TYPE TC-81.11, DESIGN 13		-
						2					2		632	87150	2	EACH	COMBINATION STRAIN POLE, TYPE TC-81.11, DESIGN 13		1
						1					1		632 632	90100	1	EACH EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION	P.267	1
						1					1		633	90400 65511	1	EACH	SIGNALIZATION, MISC.: CDMA MODEM, FURNISH ONLY CABINET, TYPE TS-2, AS PER PLAN	P.265	
						1					1		633	67100	1	EACH	CABINET FOUNDATION		-
						1					1		633	67200	1	EACH	CONTROLLER WORK PAD		
						1					1		633	75001	1	EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	P.265	1
						1					1		633 633	99000	1	EACH EACH	CONTROLLER ITEM, MISC.: ETHERNET RADIO (UBIQUITY) CONTROLLER ITEM, MISC.: UNMANAGED ETHERNET SWITCH	P.265 P.272	1
						1					1		033	99000	1	ЕАСП	CONTROLLER HEIVI, IVIISC.: ONIVIANAGED ETHERNET SWITCH	P.272	
						30					30		809	64550	30	FT	ETHERNET CABLE, OUTDOOR-RATED	D 267	M M
-						<u>4</u> <u>1</u>					<u>4</u> <u>1</u>		809 809	69001 69101	<u>4</u> <u>4</u>	EACH EACH	ADVANCE RADAR DETECTION, AS PER PLAN STOP LINE RADAR DETECTION, AS PER PLAN	P.267 P.267	4
						1					1		809	69123	1	EACH	ATC CONTROLLER, AS PER PLAN	P.265	Σ
			_														, in the second		Σ
									LS		LS		202	11000	LS		MISCELLANEOUS STRUCTURE STRUCTURE REMOVED		l S
									LJ	LS	LS		202	11201	LS		PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	P.243A	
SCh									LS		LS		503	11100	LS		COFFERDAMS AND EXCAVATION BRACING]
× 0 × 0 × 0 × 0 × 0 × 0 × 0 × 0 × 0 × 0									LS 3,534	LS 2,166	LS 3,534	2,166	503 509	21300 10000	LS 5,700	LB	UNCLASSIFIED EXCAVATION (WINGWALL FOOTING) EPOXY COATED STEEL REINFORCEMENT		
									3,334	2,100	3,334	2,100	303	10000	3,700	LD	EPOXI COATED STEEL REINFORCEIVIENT		Ш
2									9.4	8	9.4	8	511	46012	17.4	CY	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING		Z
.: V					2.4				26	17	26	17	511	46510	43	CY	CLASS QC1 CONCRETE, HEADWALL		Щ
 					2.4				1.2	21	2.4	1.2	511 512	46610 10100	3.6	CY SY	CLASS QC1 CONCRETE, HEADWALL SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)		5
2									163		163		512	33000	163	SY	TYPE 2 WATERPROOFING		-
750									28		28		516	13600	28	SF	1" PREFORMED EXPANSION JOINT FILLER		-
5/16									LS	LS	LS		518	21230	LS	<u> </u>	POROUS BACKFILL WITH GEOTEXTILE FABRIC		-
																	MAINTENANCE OF TRAFFIC		-
.dgr				100							50	50	410	10001	100	CY	TRAFFIC COMPACTED SURFACE, TYPE A, AS PER PLAN	P.14A	
00		100						10			50	50	614	11110	100	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE		
557			LS				5	10			10 LS	5	614 614	12384 12420	15 LS	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) DETOUR SIGNING		1
5											3	2	614	12500	5	EACH	REPLACEMENT SIGN		
\(\sigma\)											٦٢	25	C14	12000	ГО	EACH.			-
50 80											25 61	19	614 614	12600 13310	50 80	EACH EACH	REPLACEMENT DRUM BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL		1
80											61	19	614	13360	80	EACH	OBJECT MARKER, TWO WAY		
×				1 12			0.48				0.48		614	20000	0.48	MILE	WORK ZONE LANE LINE, CLASS II, 4"	D 1 4 4	-
				1.12							1.12		614	20560	1.12	MILE	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT	P.14A	<u> </u>
77.8							1.97	1.38			3	0.35	614	21000	3.35	MILE	WORK ZONE CENTER LINE, CLASS I		1
<u> </u>				2.19			9.16	3.65			1.62 9.44	0.57 3.37	614 614	21550 22000	2.19 12.81	MILE MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	P.14A	-
				2.94			2.10	3.03			1.16	1.78	614	22360	2.94	MILE	WORK ZONE EDGE LINE, CLASS I, 4" WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT	P.14A	_
) (s b								971			971	-	614	23000	971	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 8"	- 22.1	၂ က
⊆				4,642							2,945	1,697	614	23680	4,642	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT	P.14A	m
				,			1,364	370			952	782	614	24000	1,734	FT	WORK ZONE DOTTED LINE, CLASS II, 8 , 042 I AINT	1,47/1	12
				1,256			200	444			1,256		614	24612	1,256	FT	WORK ZONE STOP LINE, CLASS III, 6", 642 PAINT	P.14A	1 -
				396			309	114			358 314	65 82	614 614	26000 26610	423 396	FT FT	WORK ZONE STOP LINE, CLASS I WORK ZONE STOP LINE, CLASS III, 642 PAINT	P.14A	Z
												<u> </u>						4 (/)	
							8				8		614	30000	8	EACH	WORK ZONE ARROW, CLASS I		1
							11,138.5	1.148.4			LS 10,308.6	1.978.3	615 615	10000 20000	12,286.9	SY	ROADS FOR MAINTAINING TRAFFIC PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A		1
2000							677	3,160			3,007	830	622	41100	3,837	FT	PORTABLE BARRIER, UNANCHORED		
																	INICIDENTALS		P.109
_											LS		614	11000	LS		INCIDENTALS MAINTAINING TRAFFIC		P.34

	SHEET NUM.	PART. 01/STR/0 02/STR/0	⊦ ITEM		GRAND UNIT	ITEMS SHIFTED DESCRIPTION SHE NO	ALCULATED ACS	АСЗ СНЕСКЕD JDH
		4 4 6 LS LS	619 160 623 100 624 100	010	LS	FIELD OFFICE, TYPE B CONSTRUCTION LAYOUT STAKES AND SURVEYING MOBILIZATION	7.	1
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