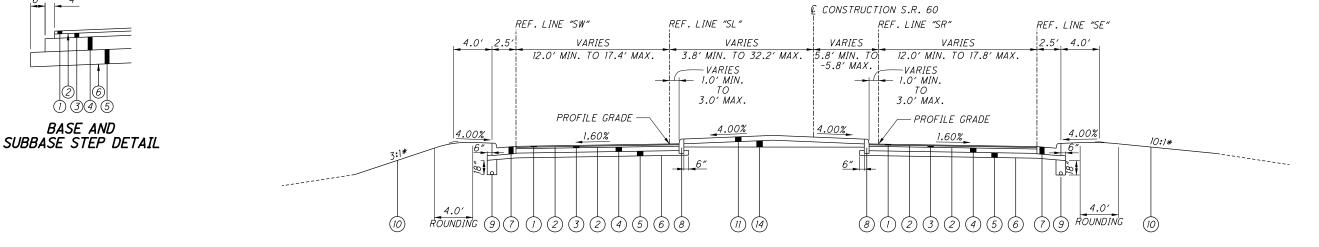




\* OR AS SHOWN ON THE CROSS SECTIONS



## NORMAL SECTION - S.R. 60 SECTION APPLIES: STA. 12+93.16 TO STA. 14+83.37

NOTE 1. SEE PLAN AND PROFILE SHEETS FOR PAVEMENT WIDTH TAPERS.

#### ITEM SPECIAL - MAILBOX SUPPORT

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THIS WORK SHALL CONSIST OF FURNISHING AND ERECTING MAILBOX SUPPORTS AND ANY ASSOCIATED MOUNTING HARDWARE IN ACCORDANCE WITH PLAN DETAILS, AND ATTACHING AN OWNER-SUPPLIED MAILBOX AT LOCATIONS SPECIFIED IN THE PLAN, OR OTHERWISE ESTABLISHED BY THE ENGINEER.

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 GAL VANIZED 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 FNGINFFR.

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 AS FOR PERMANENT INSTALLATIONS 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).

### ITEM 452 - 10" NON REINFORCED CONCRETE PAVEMENT, CLASS QC IP, AS PER PLAN

THIS ITEM SHALL CONFORM TO THE C&MS 452. IN ADDITION THIS PAVEMENT FOR THE TRUCK APRONS SHALL BE BRUSHED WITH A BROOM FINISH. THE COLOR MUST MATCH FEDERAL STANDARD 595B: #11105 OR EQUAL AS APPROVED BY THE ENGINEER.

ALL MATERIALS, LABOR, EQUIPMENT, AND OTHER EXPENSES SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 452 -10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC IP, AS PER PLAN.

#### 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.

### ITEM 609 - 6" CONCRETE TRAFFIC ISLAND. AS PER PLAN ITEM 609 - 8" CONCRETE TRAFFIC ISLAND. AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF THE 2019 C&MS. CONCRETE SHALL BE AS FOLLOWS:

CONCRETE FINISH:

BOMANITE CORPORATION - RUNNING BOND USED BRICK INCRETE SYSTEMS - RUNNING BOND PAVER BRICK SCOFIELD COMPANY - NEW BRICK RUNNING BOND OR EQUAL AS APPROVED BY THE ENGINEER. COLOR MUST MATCH FEDERAL STANDARD 595B: #11105 OR EQUAL AS APPROVED BY THE ENGINEER.

BOMANITE CORPORATION 232 S. SCHNOOR AVENUE MADERA, CA 93637 PHONE: (559)-673-2411

L.M. SCOFIELD COMPANY 1652 E. MAIN ST., SUITE 200 ST. CHARLES, IL 60174 PHONE: (630)-377-5959

INCRETE SOLUTIONS 1611 GUNN HWY. ODESSA, FL 33556 580 S. LAKE AURORA, IL 60506 PHONE: (866)-342-8760

PAYMENT FOR THE ABOVE WORK SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO COMPLETE THE WORK TO THE SATISFACTION OF THE ENGINEER.

#### EXISTING CULVERT VERIFICATION

DETAILS AND DIMENSIONS SHOWN ON THESE PROPOSED PLANS PERTAINING TO THE EXISTING CULVERT HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING CULVERT AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, SUCH DETAILS AND DIMENSIONS ARE INDICATIVE OF THE EXISTING CULVERT AND THE PROPOSED WORK, BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO C&MS SECTIONS 102.05 AND 105.02. BASE THE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING CULVERT. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENIONS THAT HAVE BEEN VERIFIED IN THE FIELD.

## ROUTINE MAINTENANCE

BETWEEN THE TIME THAT BIDS ARE TAKEN AND THE START OF CONSTRUCTION, THE MAINTAINING AGENCY MAY ENTER UPON THE PROJECT AND PERFORM ROUTINE MAINTENANCE SUCH AS CRACK SEALING, PATCHING, AND BERM AND SHOULDER REPAIR. THE EFFECTS, IF ANY, OF THE PERFORMANCE OF ROUTINE MAINTENANCE SHALL BE CONSIDERED AS INHERENT IN WORK OF THE CHARACTER PROVIDED FOR IN THE PLAN AND THE RESULTING CONDITIONS SHALL NOT BE CONSIDERED AS DIFFERING MATERIALLY FROM THOSE EXISTING AT THE TIME BIDS WERE TAKEN.

## ITEM 609 - COMBINATION CURB AND GUTTER. TYPE 3. AS PER PLAN

THIS ITEM SHALL BE AS PER C&MS 609, EXCEPT THE RISE SHALL ONLY BE 2".

# <u>ITEM 611 - RESIDENTIAL AND COMMERICAL DRAINAGE CONNECTIONS</u>

EXISTING ROOF DRAINS, FOOTER DRAINS, OR YARD DRAINS, DISTURBED BY THE WORK, SHALL BE PROVIDED WITH UNOBSTRUCTED OUTLETS BY CONNECTING A CONDUIT THROUGH THE CURB OR INTO A DRAINAGE STRUCTURE. THE LOCATION, TYPE, SIZE, AND GRADE OF THE NEW CONDUIT REQUIRED TO REPLACE OR EXTEND THE EXISTING DRAIN WILL BE DETERMINED BY THE ENGINEER.

THE FOLLOWING CONDUIT TYPES MAY BE USED: 707.33, 707.41 NON-PERFORATED, 707.42, 707.43, 707.45, 707.46, 707.47, 707.51, 707.52 SDR35.

PAYMENT FOR ALL LABOR AND MATERIALS WILL BE PERFORMED BY CHANGE ORDER.

# ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446), AS PER PLAN (PG88-22M)

THIS ITEM SHALL BE AS PER C&MS 442, EXCEPT THAT THE ASPHALT BINDER (442.04) SHALL BE UPGRADED TO PG88-22M FOR THE SURFACE COURSE.

#### **ENVIRONMENTAL COMMITMENTS**

- 1. THE PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT. THE CONTRACTOR SHALL NOT REMOVE TREES UNDER THIS PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THE CONTRACTOR SHALL DEMARCATE CLEARING LIMITS IN THE FIELD TO AVOID ANY UNAUTHORIZED TREE CLEARING. THIS REQUIREMENT IS NECESSARY TO AVOID AND MINIMIZE IMPACTS TO THESE SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT. FOR THE PURPOSES OF THIS NOTE, A TREE IS DEFINED AS A LIVE, DYING, OR DEAD WOODY PLANT, WITH A TRUNK THREE INCHES OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOVE THE GROUND SURFACE, AND WITH A MINIMUM HEIGHT OF 13 FEET.
- 2. ODOT SHALL OBTAIN THE FLOODPLAIN PERMIT OR DOCUMENTATION OF EXEMPTION PRIOR TO PLAN FILE.
- 3. ODOT WILL OBTAIN AND ADHERE TO ALL APPROPRIATE WATERWAY PERMITS PRIOR TO ANY WORK BELOW THE ORDINARY HIGH-WATER MARK OF ANY WATERWAY AND ALL SPECIAL PROVISIONS FOR WATERWAY PERMITS WILL BE INCLUDED IN THE PLANS. ODOT WILL ADHERE TO ALL APPROPRIATE WATERWAY PERMITS AND ALL SPECIAL PROVISIONS FOR WATERWAY PERMITS THROUGHOUT CONSTRUCTION.

#### <u> ITEM 632 - REMOVAL OF TRAFFIC SIGNAL</u> INSTALLATION

TRAFFIC SIGNAL INSTALLATIONS, INCLUDING SIGNAL HEADS, CABLE, MESSENGER WIRE, STRAIN POLES, CABINET, CONTROLLER, ETC., SHALL BE REMOVED IN ACCORDANCE WITH C&MS 632.26 AND AS INDICATED ON THE PLANS.

ALL ITEMS ASSOCIATED WITH THE TRAFFIC FLASHER INSTALLATION ARE TO BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF THE PROJECT SITE.

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

ITEM 632 - REMOVAL OF TRAFFIC SIGNAL INSTALLATION

1 EACH

## **VIBRATORY ROLLER**

IN NO CASE SHALL A VIBRATORY ROLLER OR ANY OTHER TYPE OF VIBRATION EQUIPMENT BE USED WITHIN 50' OF ANY WATERLINE ON THE PROJECT.

#### BENCHING OF FOUNDATION SLOPES

ALTHOUGH CROSS-SECTIONS INDICATE SPECIFIC DIMENSIONS FOR PROPOSED BENCHING OF THE EMBANKMENT FOUNDATIONS IN CERTAIN AREAS, NO WAIVER OF THE SPECIFICATIONS IS INTENDED. BENCH ALL OTHER SLOPED EMBANKMENT AREAS AS SET FORTH IN SECTION 203.05 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS (C&MS). NO ADDITIONAL PAYMENT WILL BE MADE FOR BENCHING REQUIRED UNDER THE PROVISIONS OF SECTION 203.05.



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		SHEET	NUM.						PA	RT.	1	ITEM	GRAND		DESCRIPTION	SEE SHEET	JLATED GM
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			230		,,,			1,793	1,793		407	10000	1,793	GAL	TACK COAT		
								470	470		408	10000	470	GAL	PRIME COAT		
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								536	536		442	10000	536	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN (PG88-22M)	12	-
								425	425		442	10100	425	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)		
					108				108		452	12010	108	SY	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC IP		
			506						506		452	14011	506	SY	10" NON-REINFORCED CONCRETE PAVEMENT, CLASS OC IP, AS PER PLAN	12	
			2,064						2,064		609	12000	2,064	FT	COMBINATION CURB AND GUTTER, TYPE 2		-
			235						235		609	18001	235	FT	COMBINATION CURB AND GUTTER, TYPE 3, AS PER PLAN	12	
			2,121						2,121		609	26000	2,121	FT	CURB, TYPE 6		│ >
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, d							1,590		1,590		625	23400	1,590	FT	NO. 10 AWG POLE AND BRACKET CABLE		-
5							2,494		2,494		625	24320	2,494	FT	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES		
2							263		263		625	25500	263	FT	CONDUIT, 3", 725.04		
0							974			974	625	25600	974	FT	CONDUIT, 4", 725.04	-	-
g							16		16	314	625	26251	16	EACH	LUMINAIRE, CONVENTIONAL, AS PER PLAN, LED, TYPE III, 240 VOLT, AS PER PLAN	93	
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