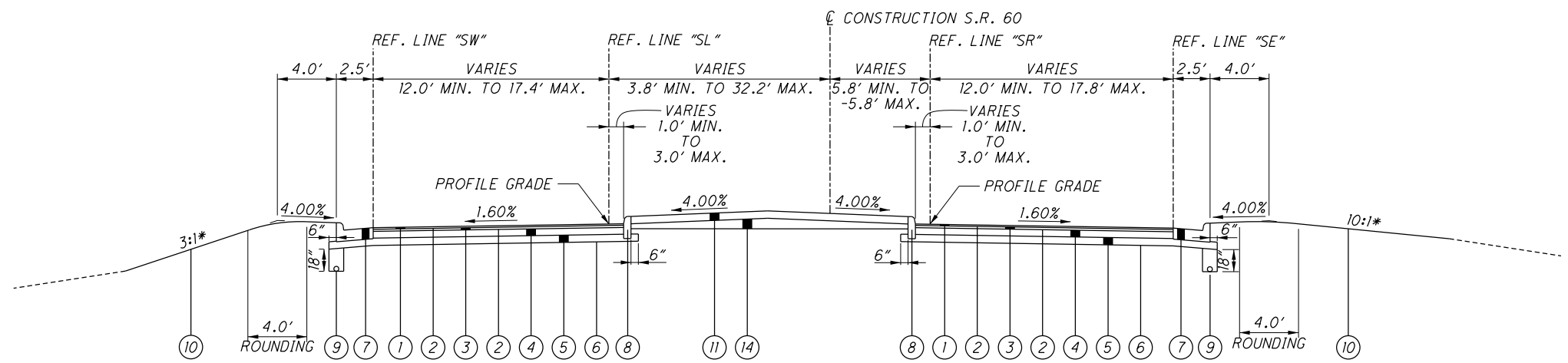
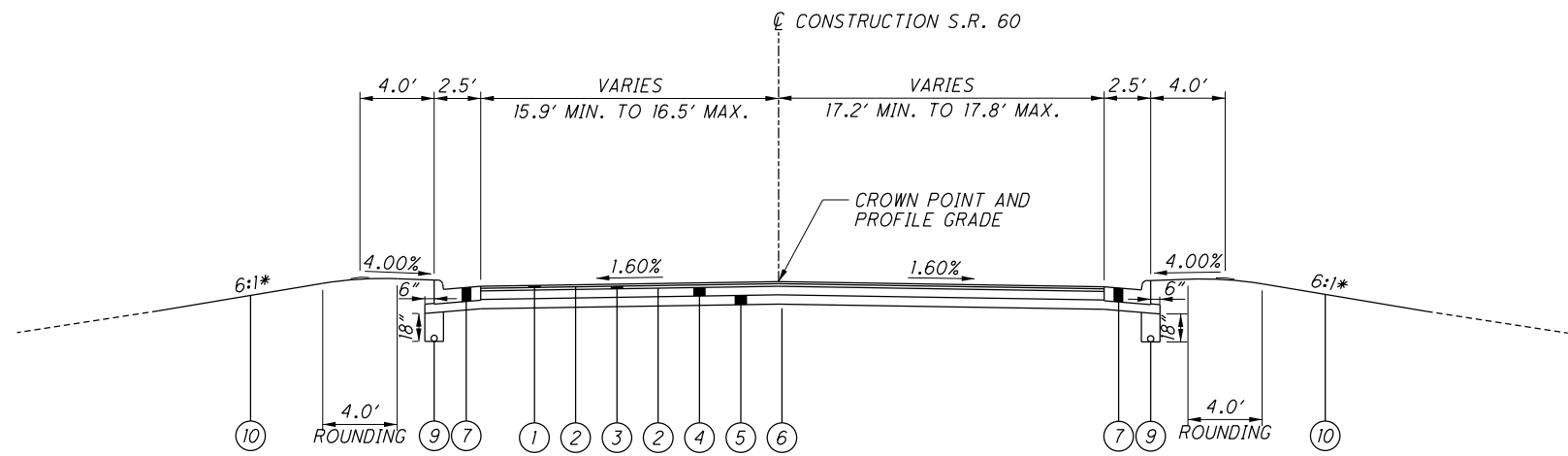
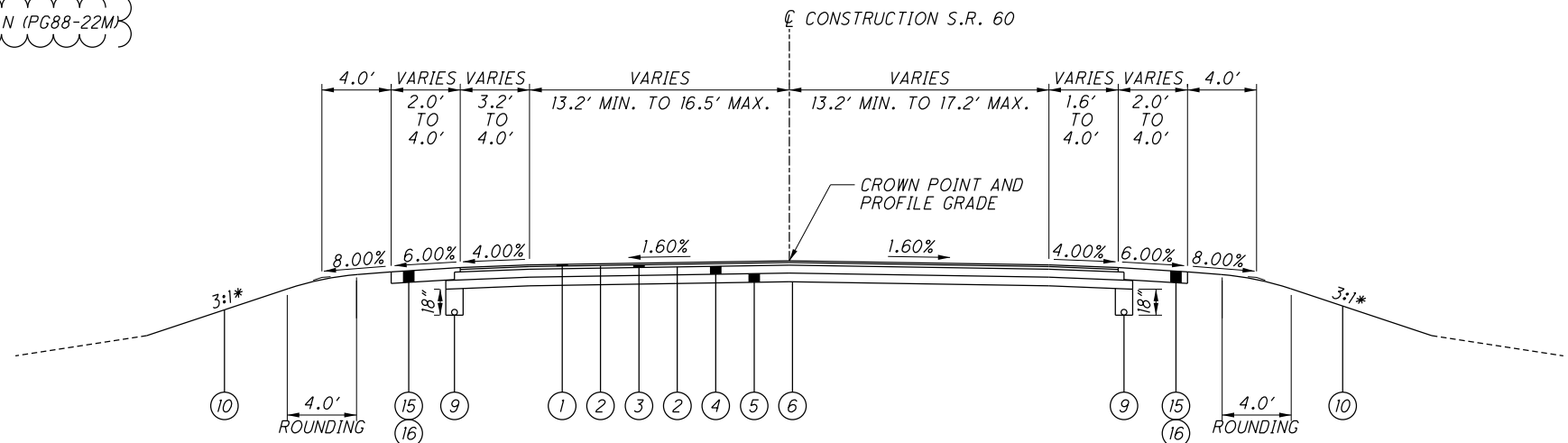
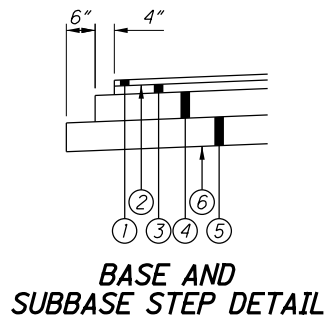


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LEGEND

- ① ITEM 442 1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446), AS PER PLAN (PG88-22M)
 - ② ITEM 407 TACK COAT (0.055 GAL/SY)
 - ③ ITEM 442 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE A (446)
 - ④ ITEM 302 5.5" ASPHALT CONCRETE BASE
 - ⑤ ITEM 304 6" AGGREGATE BASE
 - ⑥ ITEM 204 SUBGRADE COMPACTION
 - ⑦ ITEM 609 COMBINATION CURB AND GUTTER, TYPE 2
 - ⑧ ITEM 609 CURB, TYPE 6
 - ⑨ ITEM 605 4" BASE PIPE UNDERDRAINS
 - ⑩ ITEM 659 SEEDING AND MULCHING
 - ⑪ ITEM 609 6" CONCRETE TRAFFIC ISLAND, AS PER PLAN
8" CONCRETE TRAFFIC ISLAND, AS PER PLAN (PLACED AT NOSE RAMPS)
 - ⑫ ITEM 609 CURB, MISC: MOUNTABLE TRUCK APRON
 - ⑬ ITEM 452 10" NON-REINFORCED CONCRETE PAVEMENT
 - ⑭ ITEM 304 VARIABLE THICKNESS AGGREGATE BASE (MIN. = 4")
 - ⑮ ITEM 411 8" STABILIZED CRUSHED AGGREGATE
 - ⑯ ITEM 408 PRIME COAT (0.4 GAL/SY)
 - ⑰ ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE (T=1.5")
 - ⑱ ITEM 609 COMBINATION CURB AND GUTTER, TYPE 3, AS PER PLAN
 - ⑲ ITEM 407 TACK COAT (0.085 GAL/SY)
- Ⓐ EXISTING 12.75"± ASPHALT PAVEMENT+
 - Ⓑ EXISTING 6"± AGGREGATE BASE
 - Ⓒ EXISTING 8"± AGGREGATE SHOULDER
 - Ⓓ EXISTING 6" UNDERDRAINS

+12.75" FAULTLESS DRIVE, 11.50" S.R. 60, 13.75" U.S.R. 250



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①	1	03/03/22	REVISED ITEM

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

TYPICAL SECTIONS

ASD-250-12.74

ITEM SPECIAL - MAILBOX SUPPORT

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 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 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 L.M. SCOFIELD COMPANY
232 S. SCHNOOR AVENUE 1652 E. MAIN ST., SUITE 200
MADERA, CA 93637 ST. CHARLES, IL 60174
PHONE: (559)-673-2411 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 DIMENSIONS 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".

ITEM 611 - RESIDENTIAL AND COMMERCIAL DRAINAGE CONNECTIONS

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.

1

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.

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REVISION	NUMBER	DATE	DESCRIPTION
	1	03/03/22	REVISED ITEMS

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 DEMARCATÉ 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.

ITEM 632 - REMOVAL OF TRAFFIC SIGNAL 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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GENERAL NOTES

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