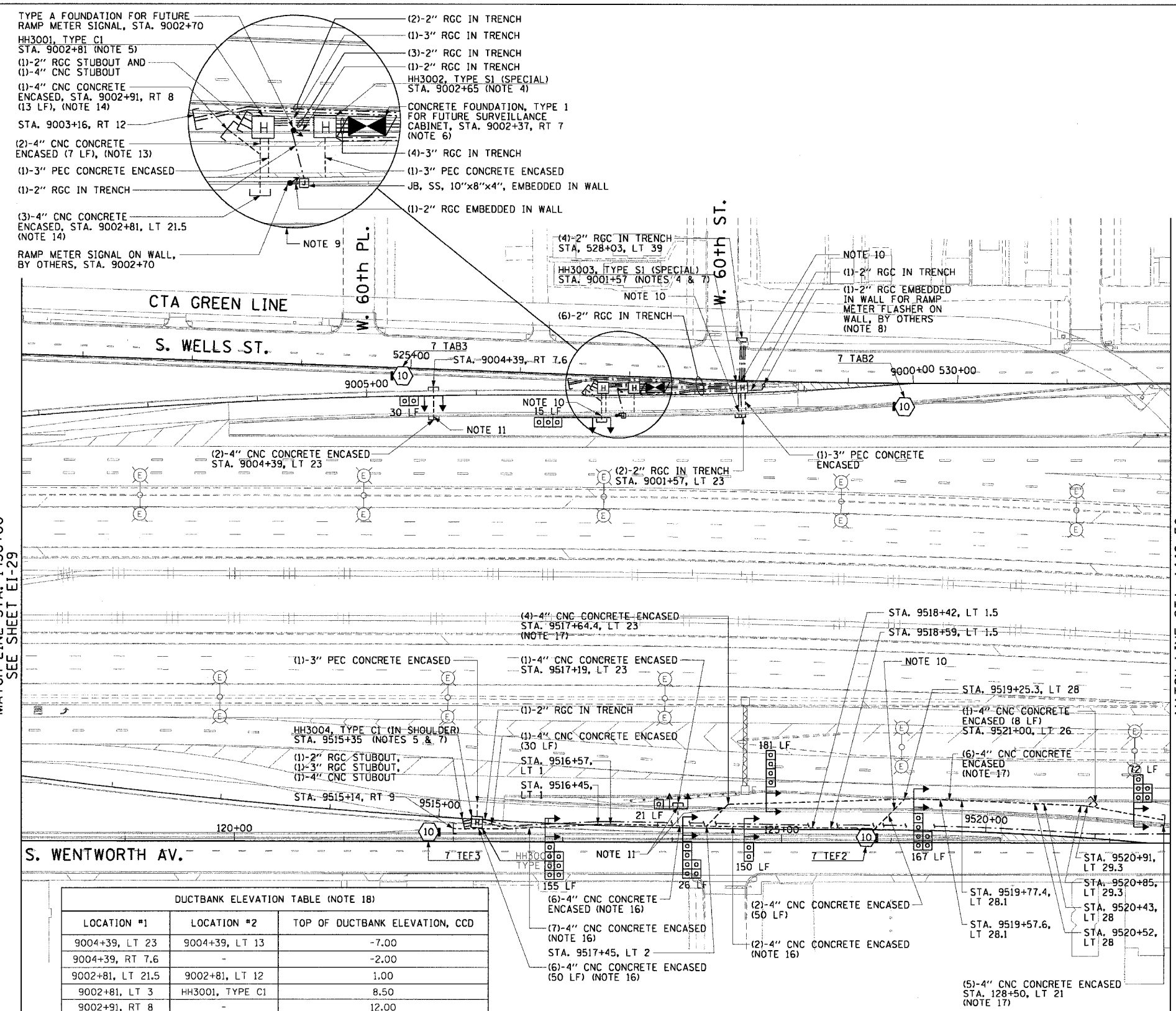


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2021-922PT.1-AC	COOK	460	179
STA. 1436+00.00		TO STA. 1446+50.00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

62693

NOTES:

- SEE DRAWINGS EI-100 AND EI-101 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- SEE DRAWING ES-01 FOR HIGH MAST LIGHT TOWER FOUNDATION SCHEDULE.
- SEE DRAWINGS EI-102 AND EI-103 FOR ELECTRICAL DUCTBANK DETAILS.
- SEE DRAWING EI-106 FOR PC CONCRETE - HEAVY DUTY HANDHOLE DETAIL (TYPE S1).
- SEE DRAWING EI-107 FOR COMMUNICATIONS VAULT DETAILS (HANDHOLE TYPE C1).
- SEE DRAWING EI-108 FOR CONCRETE FOUNDATION, TYPE 1 DETAIL (FOR CABINET, MODEL 334).
- SEE DRAWING EI-110 FOR TYPICAL HANDHOLE INSTALLATION DETAIL - RAMP SHOULDER.
- SEE DRAWING EI-112 FOR RAMP METER FLASHER ON BARRIER WALL DETAIL.
- SEE DRAWING EI-113A FOR RAMP METER INSTALLATION DETAILS (TYPE 1).
- SEE DRAWING EI-115 FOR CONDUIT INSTALLATION THROUGH RETAINING WALL.
- THE CONDUITS MUST BE INSTALLED BELOW THE RETAINING WALL FOOTING. REFER TO THE STRUCTURAL PLANS FOR RETAINING WALL DETAILS.
- RUN PARALLEL RACEWAYS IN COMMON TRENCH.
- ALL CONDUIT STUBOUTS MUST EXTEND 2' PAST THE FOUNDATION OR HANDHOLE.
- TWO OF THE CNC CONDUITS MUST BE ROUTED TO THE HANDHOLE. A SINGLE CNC CONDUIT MUST BE ROUTED TO THREE (3) FEET PAST THE WEST EDGE OF SHOULDER AS SHOWN.
- RGC AND LIGHTING CONDUITS MUST BE INSTALLED IN THE TOP ROW OF THE DUCTBANK.
- DUCTBANK MUST BE INSTALLED IN FRONT OF THE RETAINING WALL FOOTING AND AT A DEPTH EQUAL TO THE BOTTOM OF THE FOOTING TO AVOID CONFLICTS WITH DRAINAGE PIPES INSTALLED IN THIS CONTRACT. NO PORTION OF THE DUCTBANK SHALL BE INSTALLED ABOVE THE TOP EDGE OF THE FOOTING. CONSTRUCTION OF THE WALL AND INSTALLATION OF THE DUCTBANK SHOULD BE COORDINATED TO FACILITATE INSTALLATION OF THE DUCTBANK BEFORE THE AREA IS BACKFILLED.
- DUCTBANK MUST BE INSTALLED IN FRONT OF THE RETAINING WALL FOOTING AND AT A DEPTH EQUAL TO THE TOP OF THE FOOTING TO AVOID CONFLICTS WITH DRAINAGE PIPES INSTALLED IN FUTURE IDOT CONTRACT 62303. NO PORTION OF THE DUCTBANK SHALL BE INSTALLED ABOVE THE TOP EDGE OF THE FOOTING. CONSTRUCTION OF THE WALL AND INSTALLATION OF THE DUCTBANK SHOULD BE COORDINATED TO FACILITATE INSTALLATION OF THE DUCTBANK BEFORE THE AREA IS BACKFILLED.
- DUCTBANKS INSTALLED AT THE LOCATIONS LISTED IN THE TABLE MUST BE INSTALLED AT THE SPECIFIED DEPTH TO AVOID CONFLICTS WITH CIVIL AND STRUCTURAL WORK IN THIS CONTRACT AND FUTURE CONTRACTS. WHEN TWO LOCATIONS ARE LISTED, THE DUCTBANK MUST BE INSTALLED AT THE GIVEN DEPTH FOR THE ENTIRE DISTANCE BETWEEN LOCATIONS. DUCTBANK INSTALLED OUTSIDE OF THE AREAS LISTED IN THE TABLE MUST BE INSTALLED SUCH THAT ELEVATION TRANSITIONS BETWEEN THE DESIGNATED POINTS ARE SMOOTH AND GRADUAL. AT NO POINT ALONG THE RUN SHALL THE DUCTBANK BE INSTALLED ABOVE THE DEPTHS INDICATED ON DRAWING EI-102.



DUCTBANK ELEVATION TABLE (NOTE 18)

LOCATION #1	LOCATION #2	TOP OF DUCTBANK ELEVATION, CCD
9004+39, LT 23	9004+39, LT 13	-7.00
9004+39, RT 7.6	-	-2.00
9002+81, LT 21.5	9002+81, LT 12	1.00
9002+81, LT 3	HH3001, TYPE C1	8.50
9002+91, RT 8	-	12.00
9516+45, LT 1	9516+57, LT 1	-4.50
9517+19, LT 23	9517+19, LT 14	-5.50
9517+53, LT 10.8	9517+64.4, LT 23	-5.50
9519+08, LT 10.3	9519+25.3, LT 28	-3.50

- NOTES (CONTINUED):**
- COORDINATE ALL WORK WITH CIVIL WORK, STRUCTURAL WORK, SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS, AND IDOT CONTRACT NO. 62583.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 63rd ST TO 59th ST (FRONTAGE ROAD & RAMPS)

ELECTRICAL INFRASTRUCTURE PLANS

SCALE: 1"=50'
 DATE: October 29, 2004
 DRAWN BY: CJM
 CHECKED BY: BMW



11/23/2004 08:50:42 AM