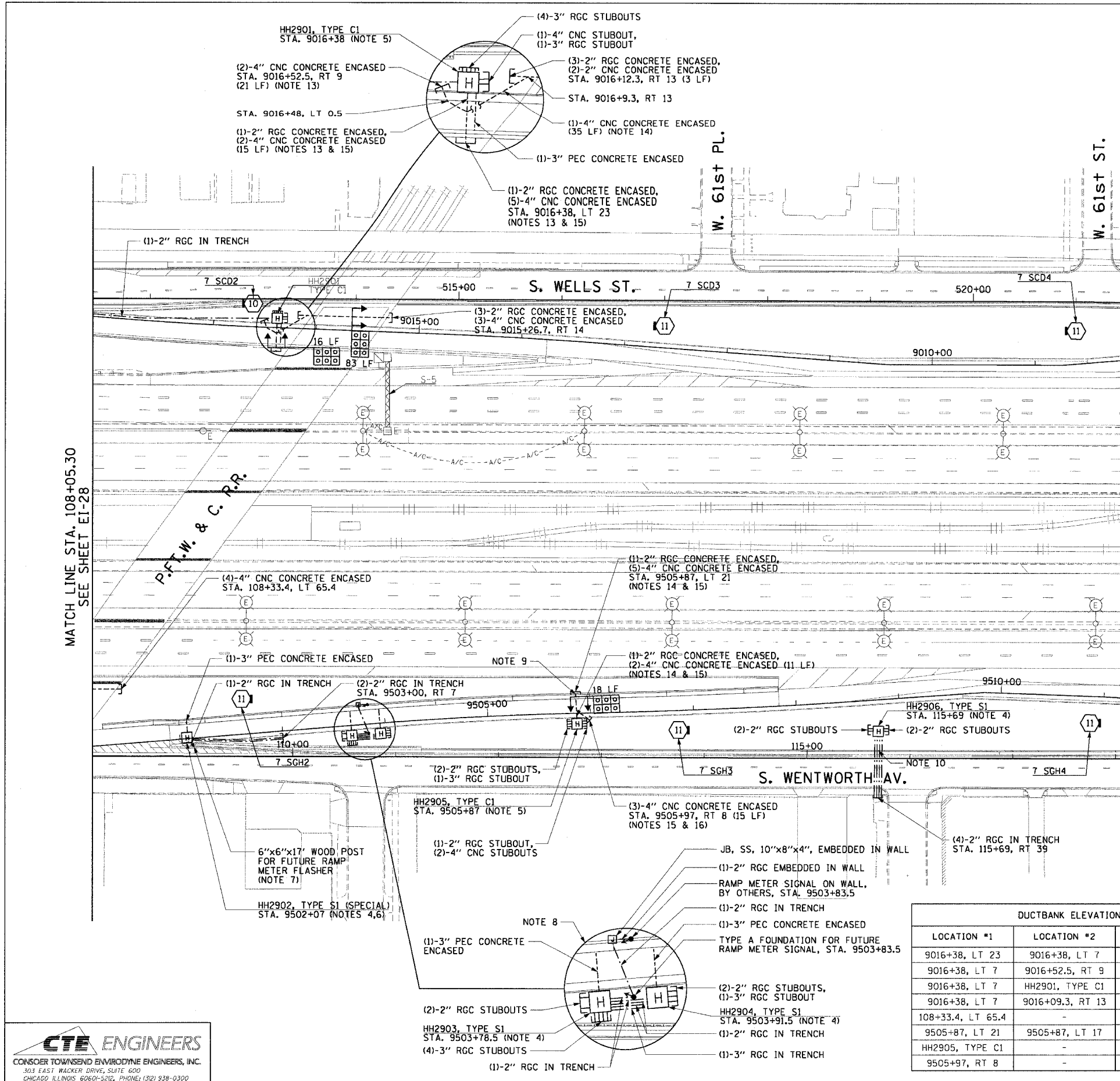
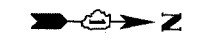


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2021-922PT.1-AC	COOK	460	178
STA. 108+05.30		TO STA. 118+05.30		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT

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-110 FOR TYPICAL HANDHOLE INSTALLATION DETAIL - RAMP SHOULDER.
- SEE DRAWING EI-112A FOR RAMP METER FLASHER ON BARRIER WALL DETAIL.
- SEE DRAWING EI-113B FOR RAMP METER INSTALLATION DETAILS (TYPE II).
- THE CONDUITS MUST BE INSTALLED BELOW THE MSE WALL FOOTING. REFER TO THE STRUCTURAL PLANS FOR RETAINING WALL DETAILS.
- SEE DRAWING EI-115 FOR CONDUIT INSTALLATION THROUGH RETAINING WALL.
- RUN PARALLEL RACEWAYS IN COMMON TRENCH.
- ALL CONDUIT STUBOUTS MUST EXTEND 2' PAST THE FOUNDATION OR HANDHOLE.
- THE RGC AND TWO OF THE CNC CONDUITS MUST BE ROUTED TO THE HANDHOLE. THE TWO LIGHTING CONDUITS MUST BE ROUTED TO THREE (3) FEET PAST THE WEST EDGE OF SHOULDER AS SHOWN. THE REMAINING CNC CONDUIT MUST BE ROUTED TO INTERCEPT THE CONCRETE ENCASED DUCTBANK AS SHOWN.
- THE RGC AND TWO CNC CONDUITS FROM THE BOTTOM ROW MUST BE ROUTED TO THE HANDHOLE. THE REMAINING CNC CONDUITS MUST BE ROUTED TO THREE (3) FEET PAST THE EAST EDGE OF SHOULDER AS SHOWN.
- RGC AND LIGHTING CONDUITS MUST BE INSTALLED IN THE TOP ROW OF THE DUCTBANK.
- 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.
- COORDINATE ALL WORK WITH CIVIL WORK, SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS, AND IDOT CONTRACT NO. 62583.



MATCH LINE STA. 108+05.30  
SEE SHEET EI-28

MATCH LINE STA. 118+05.30  
SEE SHEET EI-30

DUCTBANK ELEVATION TABLE (NOTE 16)

LOCATION #1	LOCATION #2	TOP OF DUCTBANK ELEVATION, CCD
9016+38, LT 23	9016+38, LT 7	1.50
9016+38, LT 7	9016+52.5, RT 9	1.50
9016+38, LT 7	HH2901, TYPE C1	1.50
9016+38, LT 7	9016+09.3, RT 13	1.50
108+33.4, LT 65.4	-	-0.50
9505+87, LT 21	9505+87, LT 17	-2.00
HH2905, TYPE C1	-	-0.50
9505+97, RT 8	-	-0.50



EI-29

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: WDS

11/23/2004 08:50:41 AM