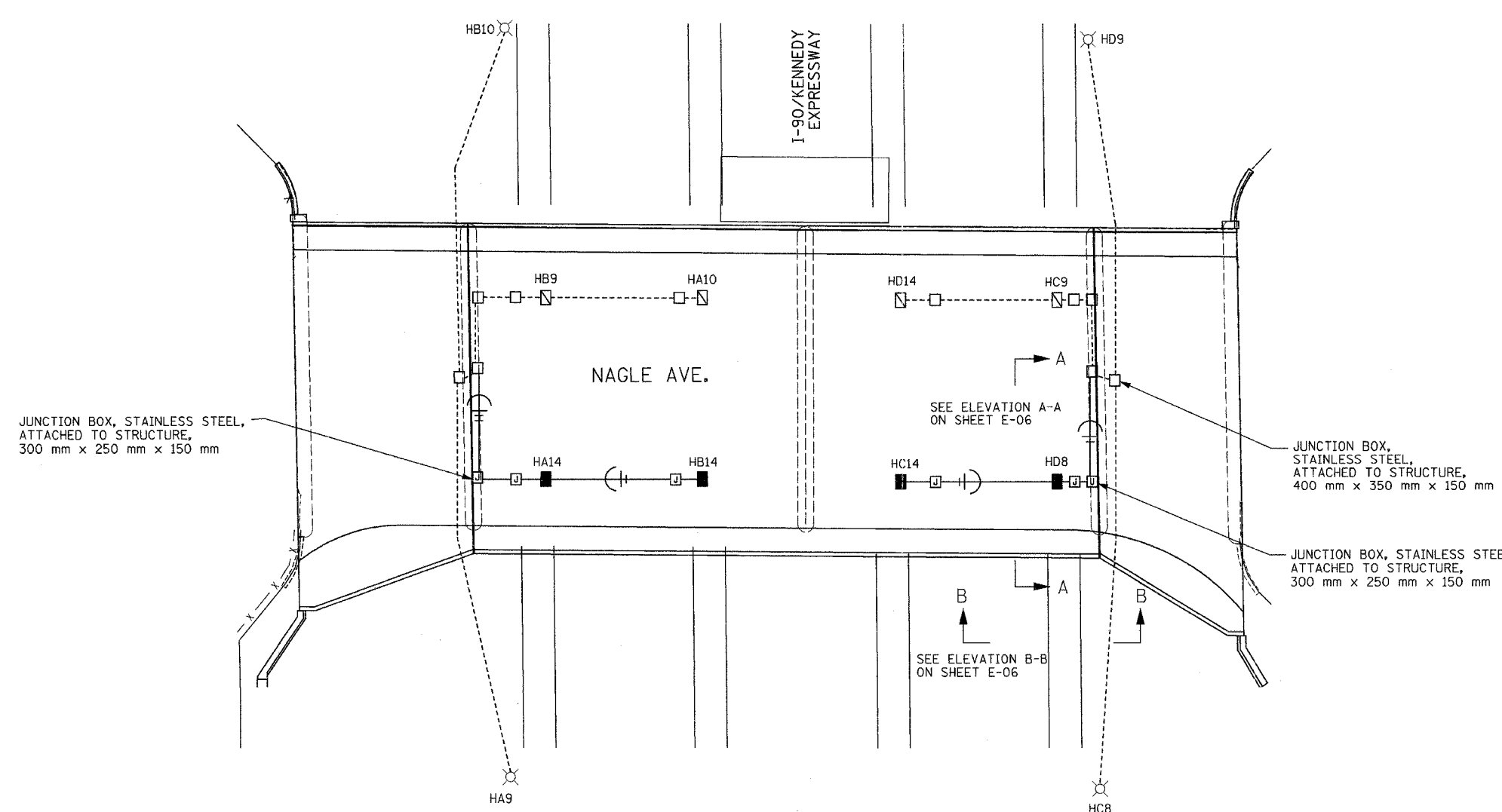


FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	1314B	COOK	100	68
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- LEGEND**
- UNDERPASS LUMINAIRE, 70W HPS
  - JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 150 mm x 150 mm x 100 mm, UNLESS OTHERWISE NOTED
  - CONDUIT ATTACHED TO STRUCTURE, 25 mm DIA., RGS PVC COATED UNLESS OTHERWISE NOTED.
  - DENOTES PHASE CONDUCTORS (# 10 AWG MIN.)
  - DENOTES NEUTRAL CONDUCTOR
  - DENOTES GROUND CONDUCTOR (# 10 INSULATED)
  - ☑ EXISTING UNDERPASS LUMINAIRE, 70W LPS INSTALLED DURING STAGE II CONSTRUCTION
  - EXISTING CABLES AND CONDUIT INSTALLED DURING STAGE II CONSTRUCTION
  - EXISTING JUNCTION BOX INSTALLED DURING STAGE II CONSTRUCTION

JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 300 mm x 250 mm x 150 mm

JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 400 mm x 350 mm x 150 mm

JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 300 mm x 250 mm x 150 mm

**UNDERPASS LIGHTING BILL OF MATERIALS (IDOT)**

ITEM	UNIT	QUANTITY
CONDUIT ATTACHED TO STRUCTURE 25 mm DIA., RIGID GALVANIZED STEEL, PVC COATED	METER	105
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 400 mm x 350 mm x 150 mm	EACH	2
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 300 mm x 250 mm x 150 mm	EACH	6
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 150 mm x 150 mm x 100 mm	EACH	8
ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 1/C #10	METER	420
UNIT DUCT, WITH 3-1/C #4 & 1/C #6 GROUND, (EPR-TYPE RHW), 30 mm DIAMETER, POLYETHYLENE 600V	METER	135
TEMPORARY UNDERPASS LIGHTING INSTALLATION AND REMOVAL	L. S.	1
PROTECTION AND MAINTENANCE OF EXISTING UNDERPASS LUMINAIRES	L. S.	1
REMOVAL OF EXISTING UNDERPASS LUMINAIRES	EACH	12
UNDERPASS LUMINAIRE, 70WATT, HIGH PRESSURE SODIUM VAPOR	EACH	8

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E-05

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION NAGLE AVE OVER FAI-90 (KENNEDY EXPY) IDOT UNDERPASS LIGHTING PLAN
NAME	DATE	

SCALE: 1:200  
DATE: DEC 2004

DRAWN BY: RV  
CHECKED BY: SM

**K&E** KAM ENGINEERING, INC.  
CONSULTING ENGINEERS  
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