

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1818 R-3	COOK	265	180
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60B17

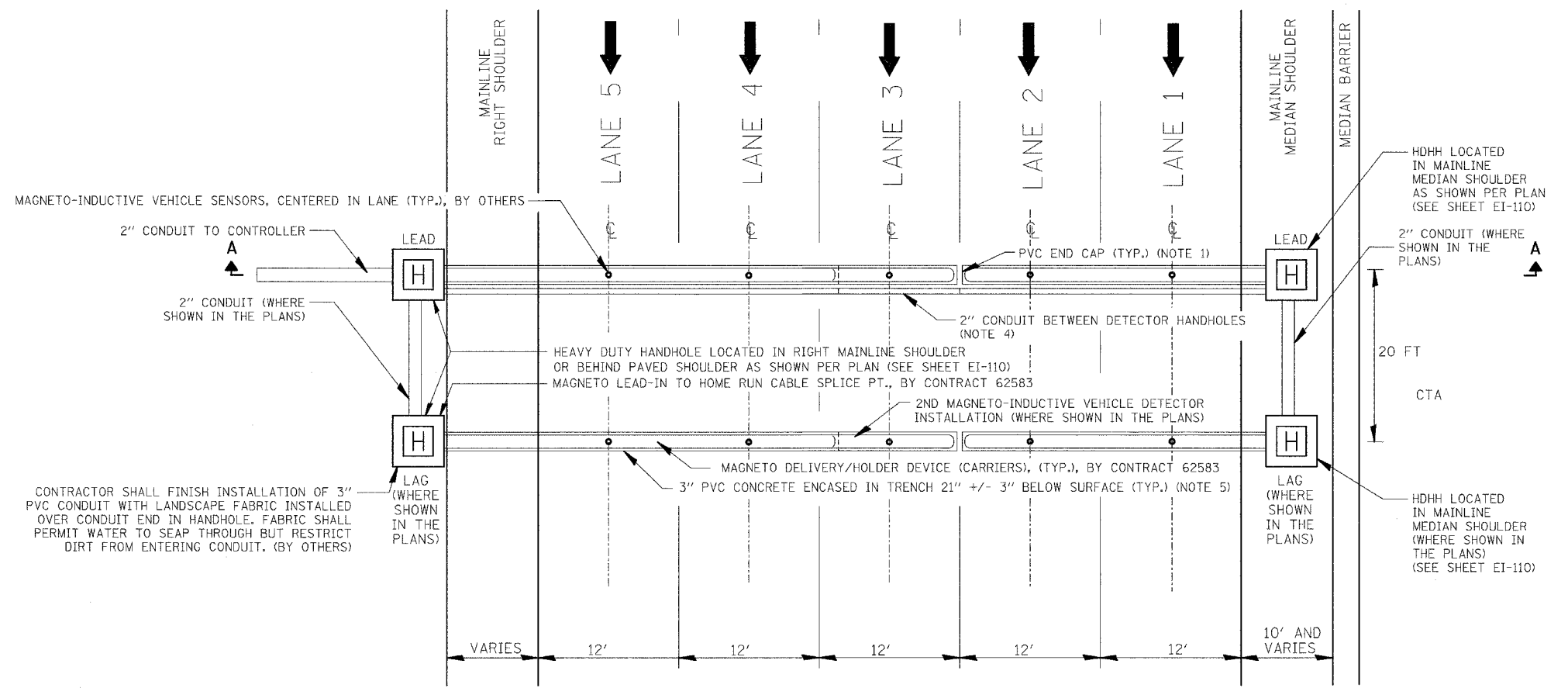
JANIS Contract 200 Details 20C-EI-115 REV-SHT

NOTES:

- CONDUIT END CAP TO BE PRESS FITTED (NO ADHESIVE).
- CONDUIT TO EXTEND 2-3 IN. INTO HANDHOLE.
- FOR 3" PVC CONCRETE ENCASED IN TRENCH DETAIL, SEE SHEET EI-110. FOR HANDHOLE DETAIL, SEE SHEET EI-106.
- THE 2" GALVANIZED STEEL CONDUIT BETWEEN MAINLINE DETECTOR HANDHOLES IS TO BE INSTALLED IN STAGES AS THE PAVEMENT IS BUILT. DURING THE FIRST STAGE, THE CONDUIT IS TO BE CAPPED AND MARKED AT THE CONSTRUCTION LIMIT FOR FUTURE CONNECTION. DURING SUBSEQUENT STAGES, THE REMAINING PORTIONS OF CONDUIT ARE TO BE INSTALLED AND CONNECTED TO CONDUIT INSTALLED IN PREVIOUS STAGES (AND CAPPED FOR FUTURE CONNECTION WHERE APPLICABLE). WHEN THE ENTIRE RUN OF CONDUIT BETWEEN HANDHOLES IS INSTALLED AND CONNECTED, THE CONTRACTOR SHALL CLEAN THE ENTIRE LENGTH OF CONDUIT TO REMOVE ANY DEBRIS.
- THE TWO SECTIONS OF 3" PVC CONCRETE ENCASED DETECTOR CONDUIT ARE TO BE INSTALLED IN STAGES AS THE PAVEMENT IS BUILT. IN SOME LOCATIONS, THE PAVEMENT WILL BE BUILT IN THREE STAGES, WHERE THIS OCCURS (SEE LIST BELOW), THE CONDUIT INSTALLED IN THE MIDDLE STAGE SHALL BE INSTALLED AS AN EXTENSION OF THE CONDUIT INSTALLED IN THE FIRST STAGE (SEE SHEET EI-110A). THE ALIGNMENT OF CONDUIT INSTALLED IN THIS TWO-STAGE MANNER SHALL NOT DEVIATE IN ANY DIRECTION MORE THAN 1/4 IN. PER FT ACROSS THE ENTIRE RUN.

DETECTOR STATIONS BUILT IN THREE STAGES

- STA 2326+52: STAGE 1 = LANES 4, 5, STAGE 2 = LANE 3, STAGE 3 = LANES 1,2
- STA 2353+00: STAGE 1 = LANES 4, 5, STAGE 2 = LANE 3, STAGE 3 = LANES 1,2



DAN RYAN TYPICAL MULTI-LANE CROSS SECTION WITH NON-INVASIVE MAGNETO-INDUCTIVE VEHICLE SENSOR (PROBE) INSTALLED IN ALL LANES

SINGH 300 W. ADAMS ST.
CHICAGO, IL 60606
SINGH & ASSOCIATES, INC. TEL: (312) 629-0240
CONSULTING ENGINEERS FAX: (312) 629-8449

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)

TYPICAL MAINLINE DETECTOR STATION LAYOUT

SCALE: NTS
DATE: MARCH 7, 2006

DRAWN BY: NB
CHECKED BY: M.J.L.

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