

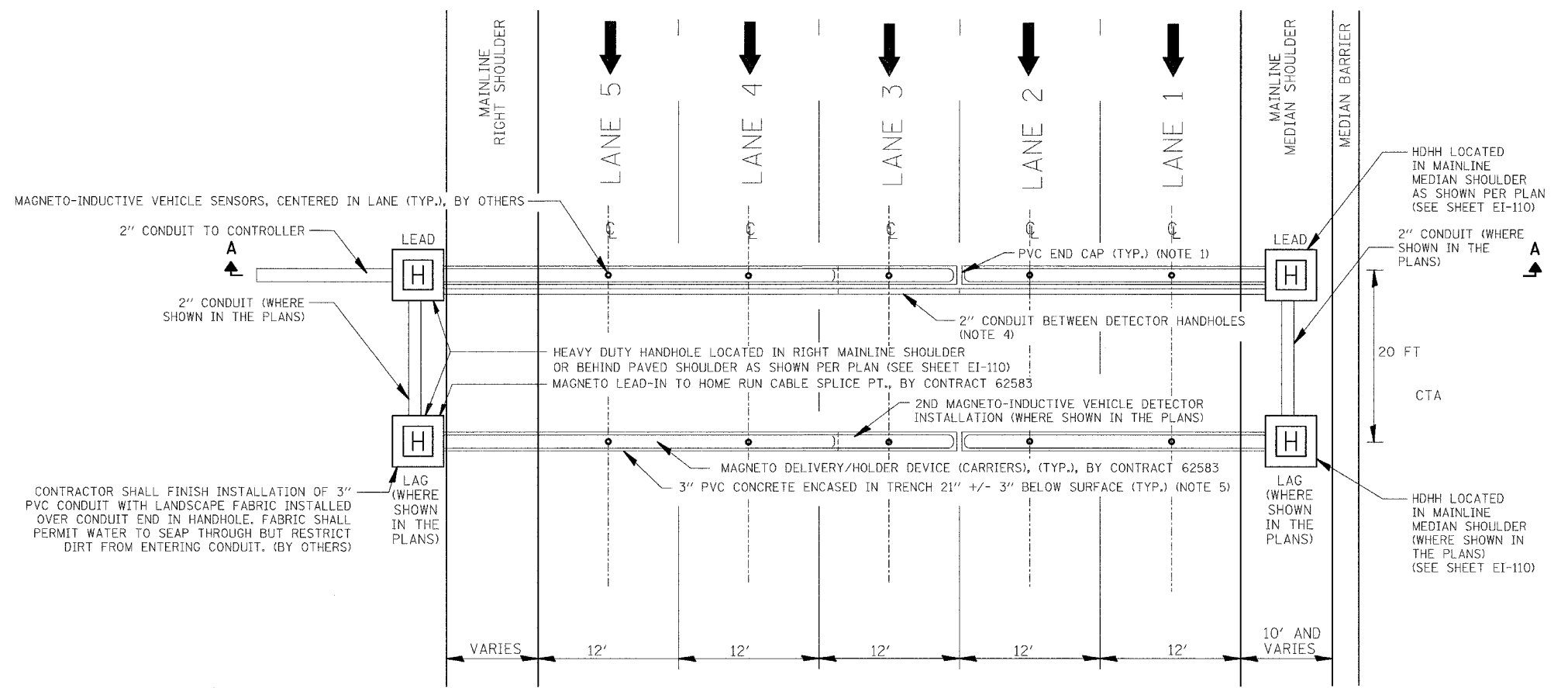
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94		COOK	916	523
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		62304	
		* (1516.1, 1717, & 1818) R-4		

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 2216+00: STAGE 1 = LANES 4, 5, STAGE 1A = LANE 3, STAGE 3 = LANES 1,2
- STA 2216+20: STAGE 1 = LANES 4, 5, STAGE 1A = LANE 3, STAGE 3 = LANES 1,2
- STA 2246+93: STAGE 1 = LANES 4, 5, STAGE 2 = LANE 3, STAGE 3 = LANES 1,2
- STA 2264+69: STAGE 1 = LANES 4, 5, STAGE 2 = LANE 3, STAGE 3 = LANES 1,2
- STA 2299+45: 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
 TEL: (312) 629-0240
 SINGH & ASSOCIATES, INC. FAX: (312) 629-8449
 CONSULTING ENGINEERS

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.

20/EI-115

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