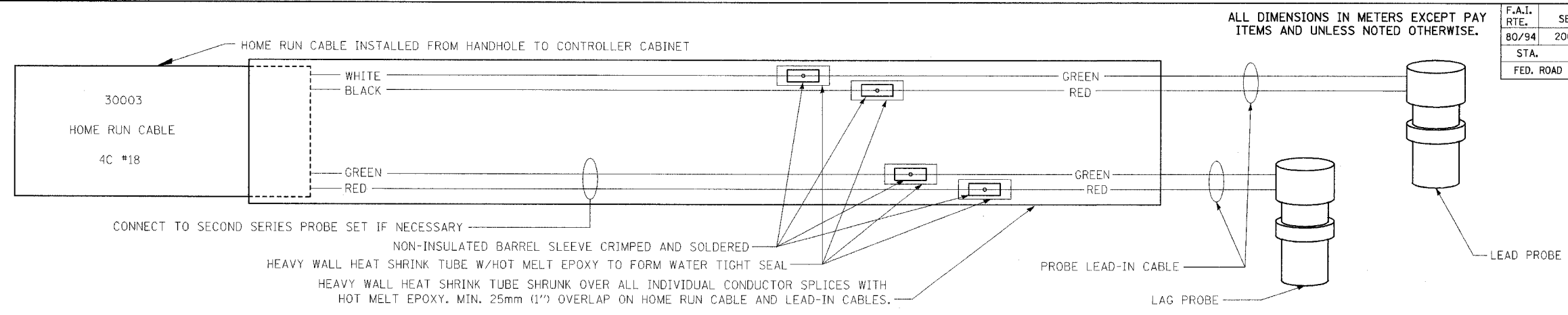


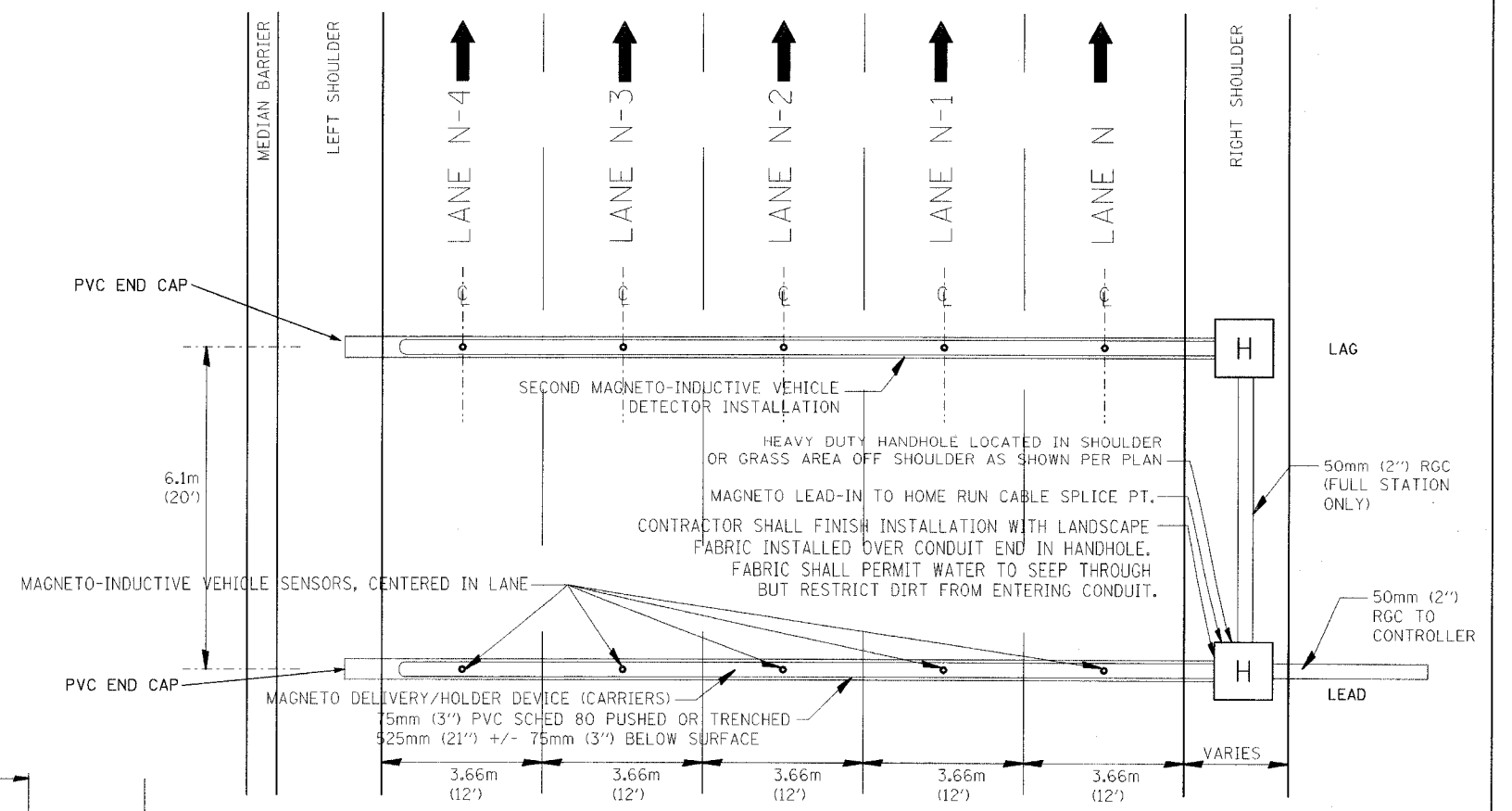
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2003-089I	COOK	870	442A
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	CONTRACT #62108



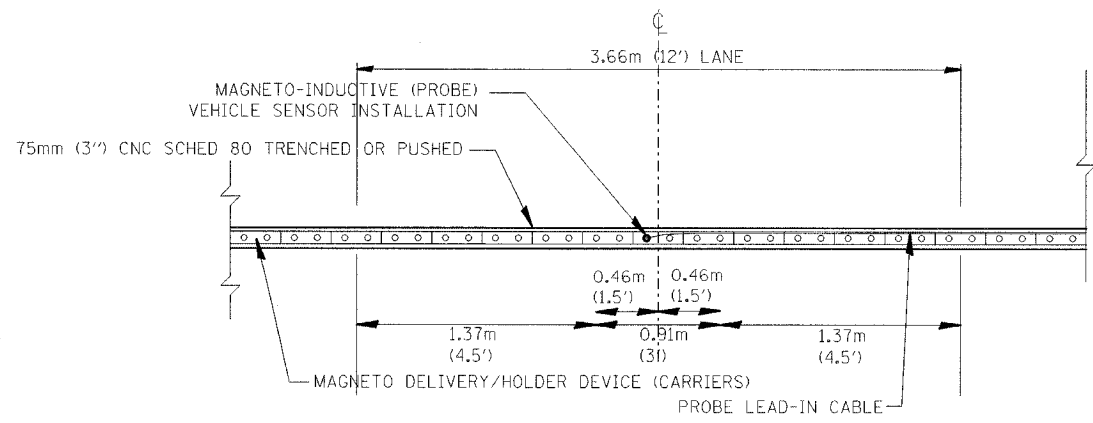
TYPICAL SINGLE MAGNETO-INDUCTIVE VEHICLE SENSOR SERIES SPLICING DETAIL

FOR INFORMATION ONLY

- NOTES:
- PROBE SHALL BE POSITIONED IN THE CENTER OF EACH LANE. EXACT POSITIONING AND CONFIGURATION TO BE DETERMINED BY MANUFACTURER'S FIELD REPRESENTATIVE.
 - SUFFICIENT NUMBER OF CARRIERS TO BE INSTALLED TO COVER THE DISTANCE FROM THE HANDHOLE TO THE FARTHEST PROBE. FIRST CARRIER INSERTED SHALL BE END CAP CARRIER.
 - ANY DEVIATION IN CONDUIT ALIGNMENT SHALL BE LESS THAN 20mm PER METER.
 - CONDUIT END CAP TO BE PRESS FITTED (NO ADHESIVE), 5mm (3/16"). DRAINAGE HOLE TO BE DRILLED IN END CAP. HOLE TO BE POSITIONED AT BOTTOM.
 - CONDUIT TO EXTEND APPROXIMATELY 75mm (3") INTO HANDHOLE.
 - LEAD PROBES SHALL USE ODD CHANNELS AND HAVE B/W WIRES; LAG PROBES SHALL USE EVEN CHANNELS AND HAVE R/C WIRES. CHANNELS SHALL BE USED IN INCREASING ORDER BEGINNING WITH LANE 1 OF NEAR LANES AND ENDING WITH OUTER-MOST LANE OF FAR LANES.



KINGERY-BORMAN TYPICAL MULTILANE LANE CROSS SECTION WITH NON-INVASIVE MAGNETO-INDUCTIVE VEHICLE SENSORS FULL STATION



KINGERY-BORMAN TYPICAL MAINLINE/MULTI LANE EXIT/MULTI LANE ENTR. 3.66m (12') WITH SINGLE MAGNETO-INDUCTIVE VEHICLE SENSOR (PROBE) INSTALLATION PER LANE

ED19-13

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-80/94/US 6
 KINGERY-BORMAN EXPRESSWAY
 BURNHAM ROAD TO US 41
 TYPICAL SINGLE MAGNETO-INDUCTIVE VEHICLE SENSOR (FULL INSTALLATION/SPEED TRAP)
 SCALE 1:500
 DATE 03-10-04
 DRAWN BY JRH/MAP
 CHECKED BY DEM/CMW

