F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
807	00-00374-01-PV	CHAMPAIGN	242	127
STA.		TO STA.		
	ILLINOIS	F.A. PROJ. NO. RS-HPP-1805(001)		

CONTRACT NO. 91368

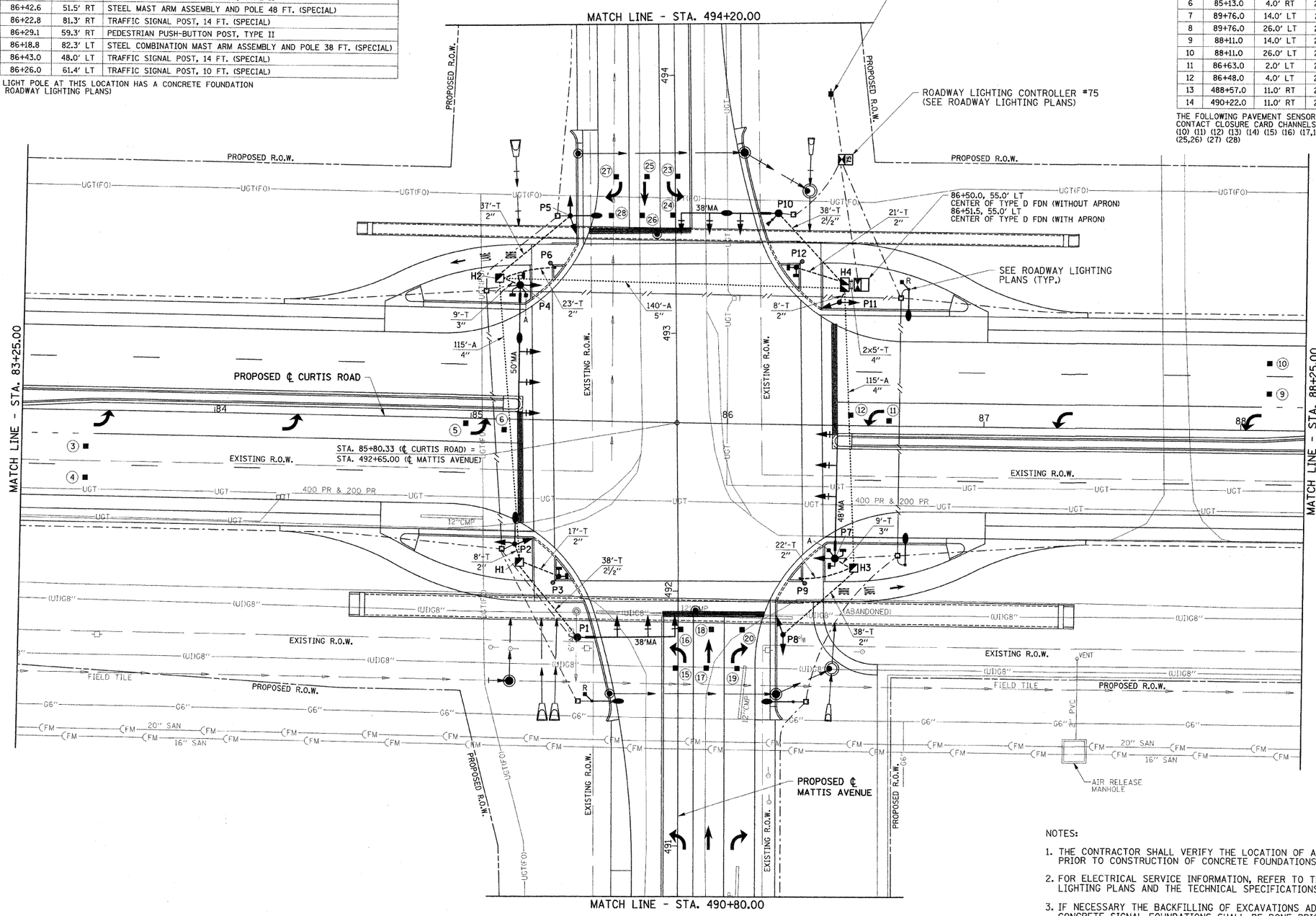
POST AND MAST ARM DATA			
NO.	STATION	OFFSET	DESCRIPTION
P1	85+43.2	83.8' RT	STEEL MAST ARM ASSEMBLY AND POLE 38 FT. (SPECIAL)
P2	85+18.0	48.0' RT	LIGHT POLE (SEE ROADWAY LIGHTING PLANS) *
P3	85+35.5	60.3' RT	TRAFFIC SIGNAL POST, 10 FT. (SPECIAL)
P4	85+18.1	52.5' LT	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT. (SPECIAL)
P5	85+37.0	79.8' LT	LIGHT POLE (SEE ROADWAY LIGHTING PLANS) *
P6	85+31.5	59.5' LT	PEDESTRIAN PUSH-BUTTON POST, TYPE II
P7	86+42.6	51.5' RT	STEEL MAST ARM ASSEMBLY AND POLE 48 FT. (SPECIAL)
P8	86+22.8	81.3' RT	TRAFFIC SIGNAL POST, 14 FT. (SPECIAL)
P9	86+29.1	59.3' RT	PEDESTRIAN PUSH-BUTTON POST, TYPE II
P10	86+18.8	82.3' LT	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT. (SPECIAL)
P11	86+43.0	48.0' LT	TRAFFIC SIGNAL POST, 14 FT. (SPECIAL)
P12	86+26.0	61.4' LT	TRAFFIC SIGNAL POST, 10 FT. (SPECIAL)

* THE LIGHT POLE AT THIS LOCATION HAS A CONCRETE FOUNDATION (SEE ROADWAY LIGHTING PLANS)

HANDHOLE DATA			
NO.	STATION	OFFSET	DESCRIPTION
H1	85+20.0	55.0' RT	HANDHOLE, PORTLAND CEMENT CONCRETE
H2	85+10.0	55.0' LT	HANDHOLE, PORTLAND CEMENT CONCRETE
H3	86+50.0	55.0' RT	HANDHOLE, PORTLAND CEMENT CONCRETE
H4	86+45.0	55.0' LT	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE

WIRELESS PAVEMENT SENSOR DATA					
NO.	STATION	OFFSET	NO.	STATION	OFFSET
1	81+85.0	14.0' RT	15	491+70.0	1.0' LT
2	81+85.0	26.0' RT	16	491+85.0	1.0' RT
3	83+50.0	14.0' RT	17	491+70.0	11.0' RT
4	83+50.0	26.0' RT	18	491+85.0	13.0' RT
5	84+98.0	2.0' RT	19	491+70.0	23.0' RT
6	85+13.0	4.0' RT	20	491+85.0	25.0' RT
7	89+76.0	14.0' LT	21	496+74.0	11.0' LT
8	89+76.0	26.0' LT	22	495+09.0	11.0' LT
9	88+11.0	14.0' LT	23	493+61.0	1.0' RT
10	88+11.0	26.0' LT	24	493+46.0	1.0' LT
11	86+63.0	2.0' LT	25	493+61.0	11.0' LT
12	86+48.0	4.0' LT	26	493+46.0	13.0' LT
13	488+57.0	11.0' RT	27	493+61.0	23.0' LT
14	490+22.0	11.0' RT	28	493+46.0	25.0' LT

THE FOLLOWING PAVEMENT SENSORS SHALL BE ASSIGNED COMMON CONTACT CLOSURE CARD CHANNELS: (1,2) (3) (4) (5) (6) (7,8) (9) (10) (11) (12) (13) (14) (15) (16) (17,18) (19) (20) (21) (22) (23) (24) (25,26) (27) (28)



N

0' 20' 40'

SCALE: 1" = 20'

TRAFFIC SIGNAL LEGEND

- CONDUIT AUGERED
- CONDUIT IN TRENCH
- MAST ARM ASSEMBLY AND POLE, STEEL
- SIGNAL POST
- SIGNAL HEAD
- SIGNAL HEAD WITH BACKPLATE
- PEDESTRIAN SIGNAL HEAD
- PEDESTRIAN PUSH-BUTTON POST
- PEDESTRIAN PUSH-BUTTON
- EMERGENCY VEHICLE PRIORITY SYSTEM RADIO/GPS UNIT
- WIRELESS VEHICLE DETECTION SYSTEM PAVEMENT SENSOR
- A — WIRELESS VEHICLE DETECTION SYSTEM ACCESS POINT (MOUNTED TO MAST ARM POLE)
- R — WIRELESS VEHICLE DETECTION SYSTEM REPEATER (MOUNTED TO LIGHT POLE)
- INTERNALLY ILLUMINATED STREET NAME SIGN
- CONTROLLER CABINET
- HANDHOLE, PORTLAND CEMENT CONCRETE
- DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE
- LUMINAIRE AND MAST ARM (SEE ROADWAY LIGHTING PLANS)
- SERVICE INSTALLATION (SEE ROADWAY LIGHTING PLANS)
- LIGHT POLE OR (SEE ROADWAY LIGHTING PLANS)
- JUNCTION BOX (SPECIAL) (SEE ROADWAY LIGHTING PLANS)
- CONDUIT AUGERED (SEE ROADWAY LIGHTING PLANS)
- CONDUIT IN TRENCH (SEE ROADWAY LIGHTING PLANS)
- ROADWAY LIGHTING CONTROLLER CABINET (SEE ROADWAY LIGHTING PLANS)

NOTES:

1. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION OF CONCRETE FOUNDATIONS.
2. FOR ELECTRICAL SERVICE INFORMATION, REFER TO THE ROADWAY LIGHTING PLANS AND THE TECHNICAL SPECIFICATIONS.
3. IF NECESSARY THE BACKFILLING OF EXCAVATIONS ADJACENT TO CONCRETE SIGNAL FOUNDATIONS SHALL BE DONE PRIOR TO CONSTRUCTING THE FOUNDATIONS. TRENCH BACKFILL (SPECIAL) AND CONTROLLED LOW-STRENGTH MATERIAL SHALL BE BLOCKED OUT TO ALLOW FOR THE FOUNDATION CONSTRUCTION.

ILLINOIS DEPARTMENT OF TRANSPORTATION

CURTIS ROAD & MATTIS AVENUE TRAFFIC SIGNAL PLANS

TRAFFIC SIGNAL LAYOUT

SCALE : 1"=20'

DATE : 10-08
DRAWN BY : J.A.J.
CHECKED BY : R.L.H.

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