F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
807	00-00374-01-PV	CHAMPAIGN	242	132
STA.	TO STA.			
	ILLINOIS	F.A. PROJ. NO. RS-HPP-1805(001)		

CONTRACT NO. 91368

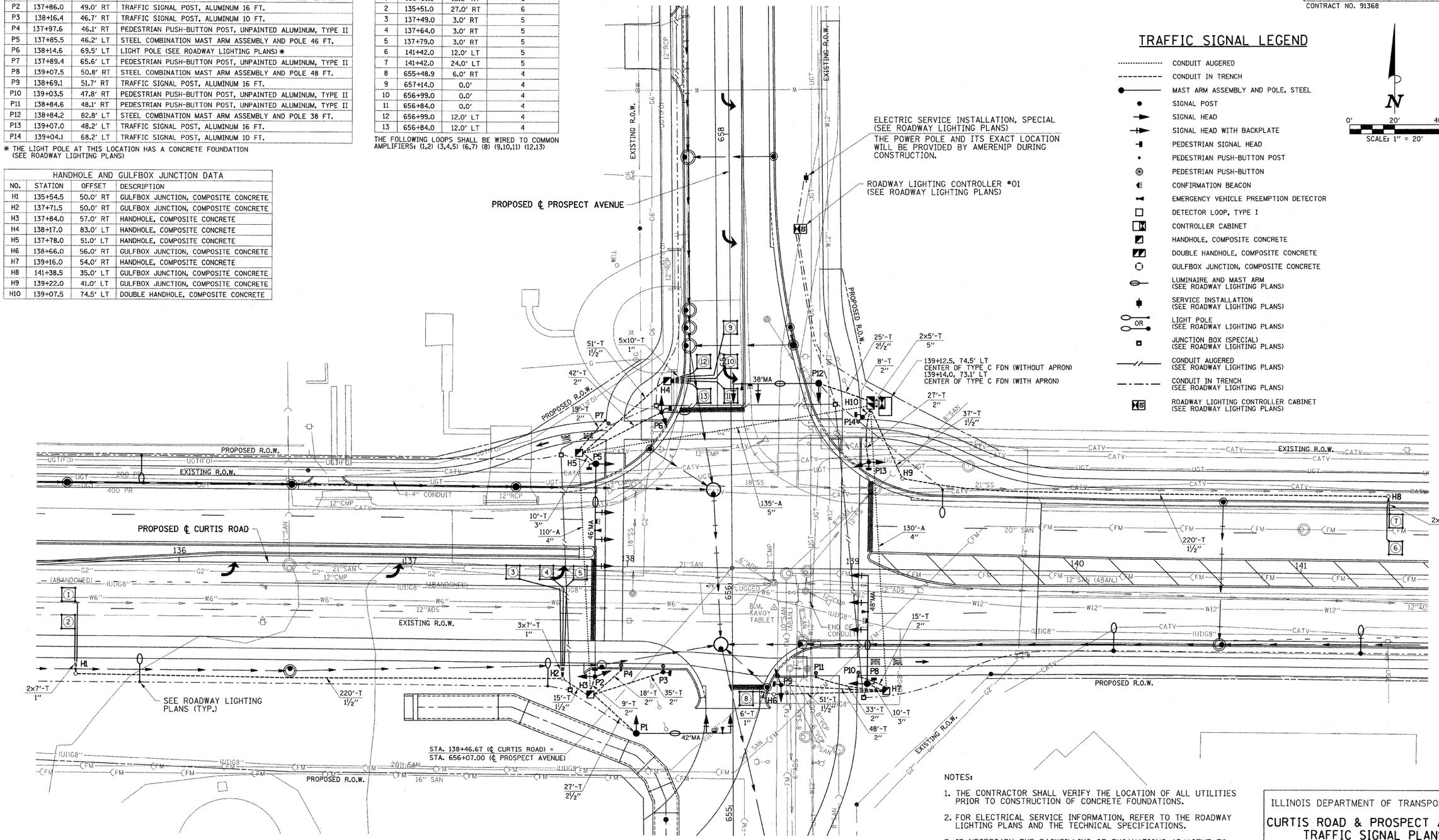
POST AND MAST ARM DATA			
NO.	STATION	OFFSET	DESCRIPTION
P1	138+04.7	74.1' RT	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.
P2	137+86.0	49.0' RT	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.
P3	138+16.4	46.7' RT	TRAFFIC SIGNAL POST, ALUMINUM 10 FT.
P4	137+97.6	46.1' RT	PEDESTRIAN PUSH-BUTTON POST, UNPAINTED ALUMINUM, TYPE II
P5	137+85.5	46.2' LT	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.
P6	138+14.6	69.5' LT	LIGHT POLE (SEE ROADWAY LIGHTING PLANS) *
P7	137+89.4	65.6' LT	PEDESTRIAN PUSH-BUTTON POST, UNPAINTED ALUMINUM, TYPE II
P8	139+07.5	50.8' RT	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.
P9	138+69.1	51.7' RT	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.
P10	139+03.5	47.8' RT	PEDESTRIAN PUSH-BUTTON POST, UNPAINTED ALUMINUM, TYPE II
P11	138+84.6	48.1' RT	PEDESTRIAN PUSH-BUTTON POST, UNPAINTED ALUMINUM, TYPE II
P12	138+84.2	82.8' LT	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.
P13	139+07.0	48.2' LT	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.
P14	139+04.1	68.2' LT	TRAFFIC SIGNAL POST, ALUMINUM 10 FT.

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

HANDHOLE AND GULFBOX JUNCTION DATA			
NO.	STATION	OFFSET	DESCRIPTION
H1	135+54.5	50.0' RT	GULFBOX JUNCTION, COMPOSITE CONCRETE
H2	137+71.5	50.0' RT	GULFBOX JUNCTION, COMPOSITE CONCRETE
H3	137+84.0	57.0' RT	HANDHOLE, COMPOSITE CONCRETE
H4	138+17.0	83.0' LT	HANDHOLE, COMPOSITE CONCRETE
H5	137+78.0	51.0' LT	HANDHOLE, COMPOSITE CONCRETE
H6	138+66.0	56.0' RT	GULFBOX JUNCTION, COMPOSITE CONCRETE
H7	139+16.0	54.0' RT	HANDHOLE, COMPOSITE CONCRETE
H8	141+38.5	35.0' LT	GULFBOX JUNCTION, COMPOSITE CONCRETE
H9	139+22.0	41.0' LT	GULFBOX JUNCTION, COMPOSITE CONCRETE
H10	139+07.5	74.5' LT	DOUBLE HANDHOLE, COMPOSITE CONCRETE

DETECTOR LOOP DATA			
NO.	STATION	OFFSET	NUMBER OF TURNS
1	135+51.0	15.0' RT	6
2	135+51.0	27.0' RT	6
3	137+49.0	3.0' RT	5
4	137+64.0	3.0' RT	5
5	137+79.0	3.0' RT	5
6	141+42.0	12.0' LT	5
7	141+42.0	24.0' LT	5
8	655+48.9	6.0' RT	4
9	657+14.0	0.0'	4
10	656+99.0	0.0'	4
11	656+84.0	0.0'	4
12	656+99.0	12.0' LT	4
13	656+84.0	12.0' LT	4

THE FOLLOWING LOOPS SHALL BE WIRED TO COMMON AMPLIFIERS: (1,2) (3,4,5) (6,7) (8) (9,10,11) (12,13)



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
- CONFIRMATION BEACON
- EMERGENCY VEHICLE PREEMPTION DETECTOR
- DETECTOR LOOP, TYPE I
- CONTROLLER CABINET
- HANDHOLE, COMPOSITE CONCRETE
- DOUBLE HANDHOLE, COMPOSITE CONCRETE
- GULFBOX JUNCTION, COMPOSITE CONCRETE
- LUMINAIRE AND MAST ARM (SEE ROADWAY LIGHTING PLANS)
- SERVICE INSTALLATION (SEE ROADWAY LIGHTING PLANS)
- LIGHT POLE (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)

N

0' 20' 40'

SCALE: 1" = 20'

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 & PROSPECT AVENUE TRAFFIC SIGNAL PLANS

TRAFFIC SIGNAL LAYOUT

DATE : 10-08
DRAWN BY : J.A.J.
CHECKED BY : R.L.H.
SCALE : 1"=20'

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