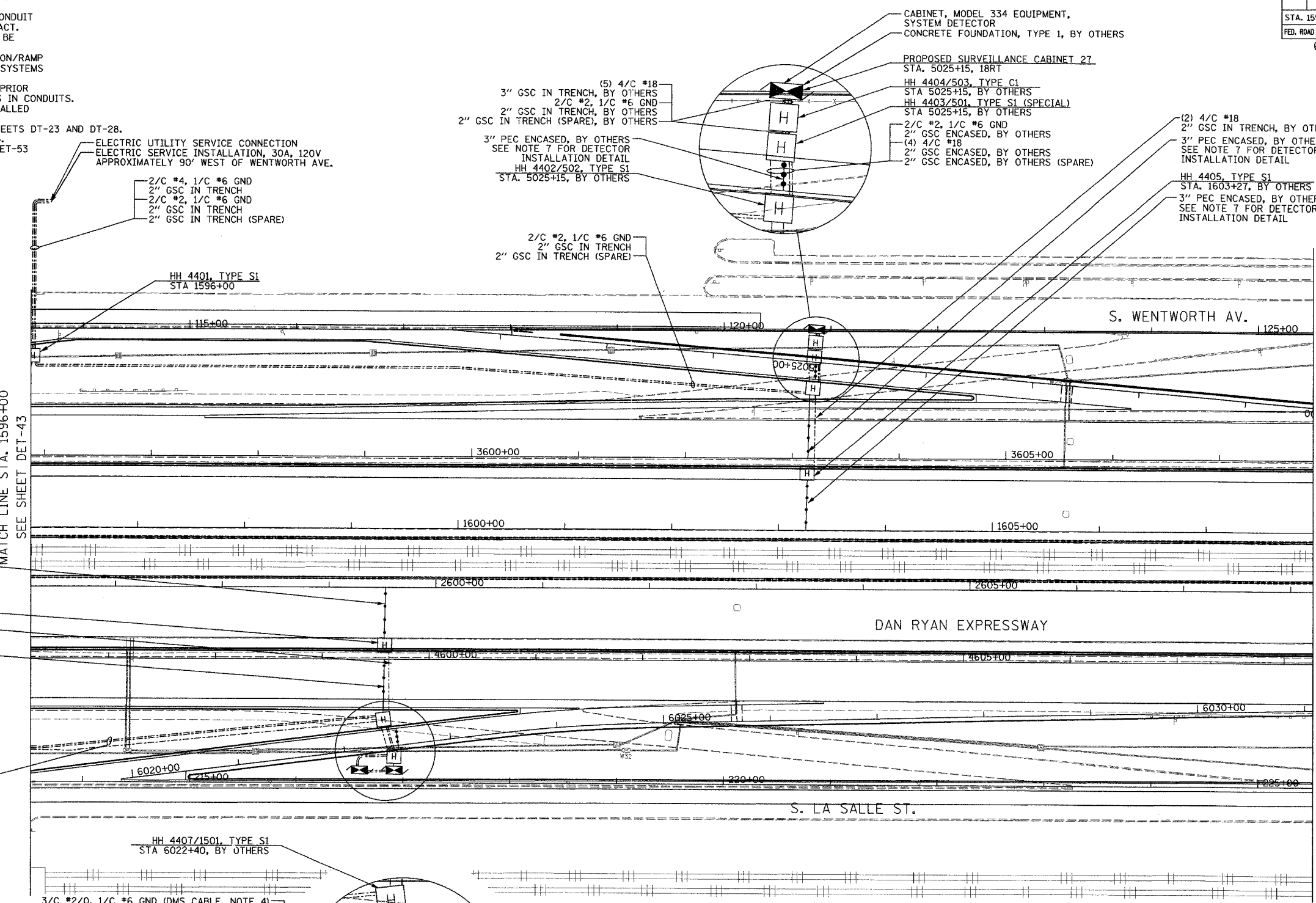


NOTES:

1. SEE DRAWING ME-01 AND ME-02 FOR ELECTRICAL SYSTEMS AND ABBREVIATIONS.
2. UNLESS OTHERWISE STATED, ALL NOTED CABLE AND CONDUIT TO BE FURNISHED AND INSTALLED UNDER THIS CONTRACT.
3. TRENCHED CONDUITS INSTALLED IN PARALLEL ARE TO BE INSTALLED IN COMMON TRENCH.
4. THIS SHEET ONLY DEPICTS INSTALLATION OF DETECTION/RAMP METER ELEMENTS. REFER TO SHEETS FOR OTHER SUBSYSTEMS FOR ADDITIONAL ELEMENTS IN THE AREA SHOWN.
5. CONTRACTOR TO ROD AND CLEAN EXISTING CONDUITS PRIOR TO INSTALLING AND PULLING INNERDUCTS AND CABLES IN CONDUITS.
6. DETECTION/RAMP METER CONDUIT SHALL NOT BE INSTALLED IN ELECTRIC HANDHOLES (SEE DETAIL SHEET DT-45).
7. FOR DETECTOR PROBE INSTALLATION DETAILS, SEE SHEETS DT-23 AND DT-28.
8. FOR HANDHOLE DETAILS, SEE SHEET DT-44 AND DT-46.
9. FOR WIRING DETAILS, SEE SHEETS DET-48 THROUGH DET-53

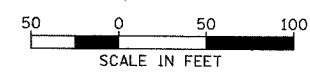
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2003-0311	COOK	976	757
STA. 1596+00	TO STA. 1608+00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
62583			



- ELECTRIC UTILITY SERVICE CONNECTION
ELECTRIC SERVICE INSTALLATION, 30A, 120V
APPROXIMATELY 90' WEST OF WENTWORTH AVE.
- 2/C #4, 1/C #6 GND
2" GSC IN TRENCH
2/C #2, 1/C #6 GND
2" GSC IN TRENCH
2" GSC IN TRENCH (SPARE)
- HH 4401, TYPE S1
STA 1596+00
- 3" PEC ENCASED, BY OTHERS
SEE NOTE 7 FOR DETECTOR
INSTALLATION DETAIL
- HH 4406, TYPE S1
STA 2599+52, BY OTHERS
(2) 4/C #18
2" GSC IN TRENCH, BY OTHERS
- 3" PEC ENCASED, BY OTHERS
SEE NOTE 7 FOR DETECTOR
INSTALLATION DETAIL
- 3/C #2/0, 1/C #6 GND (DMS CABLE, NOTE 4)
3" GSC IN TRENCH (DMS CONDUIT, NOTE 4)
2" GSC IN TRENCH (SPARE, DMS CONDUIT, NOTE 4)

- CABINET, MODEL 334 EQUIPMENT,
SYSTEM DETECTOR
CONCRETE FOUNDATION, TYPE 1, BY OTHERS
- PROPOSED SURVEILLANCE CABINET 27
STA. 5025+15, 18RT
HH 4404/503, TYPE C1
STA 5025+15, BY OTHERS
HH 4403/501, TYPE S1 (SPECIAL)
STA 5025+15, BY OTHERS
2/C #2, 1/C #6 GND
2" GSC ENCASED, BY OTHERS
(4) 4/C #18
2" GSC ENCASED, BY OTHERS
2" GSC ENCASED, BY OTHERS (SPARE)
- (2) 4/C #18
2" GSC IN TRENCH, BY OTHERS
3" PEC ENCASED, BY OTHERS
SEE NOTE 7 FOR DETECTOR
INSTALLATION DETAIL
- HH 4405, TYPE S1
STA. 1603+27, BY OTHERS
3" PEC ENCASED, BY OTHERS
SEE NOTE 7 FOR DETECTOR
INSTALLATION DETAIL
- 2/C #2, 1/C #6 GND
2" GSC IN TRENCH
2" GSC IN TRENCH (SPARE)

- HH 4407/1501, TYPE S1
STA 6022+40, BY OTHERS
- 3/C #2/0, 1/C #6 GND (DMS CABLE, NOTE 4)
3" GSC ENCASED, BY OTHERS
(4) 4/C #18
2" GSC ENCASED, BY OTHERS
2" GSC ENCASED (SPARE), BY OTHERS
- 3" PEC ENCASED, BY OTHERS
SEE NOTE 7 FOR DETECTOR
INSTALLATION DETAIL
- (5) 4/C #18
3" GSC IN TRENCH
- CABINET, MODEL 334 EQUIPMENT,
DMS/SYSTEM DETECTOR
CONCRETE FOUNDATION, TYPE 1
PROPOSED SURVEILLANCE CABINET 30
STA. 2599+66, 24RT
- SEE SHEET DMS-07 FOR DETAILS
DMS UPS CABINET "DMS-UPS-04"
STA. 6022+12, 20RT
3/C #2/0, 1/C #6 GND (DMS CABLE, NOTE 4)
3" GSC IN TRENCH (DMS CONDUIT, NOTE 4)
2" GSC IN TRENCH (SPARE, DMS CONDUIT, NOTE 4)



DET-44

**Edwards
AND Kelcey**

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31st STREET to I-57
SURVEILLANCE SYSTEM STATION
DETECTOR SYSTEM
37TH ST. SITE LAYOUT
DET-49, DET-50

SCALE: 1"=50'
DATE: October 29, 2004

DRAWN BY: CJH
CHECKED BY: MJL

10/15/2004 11:50:45 AM