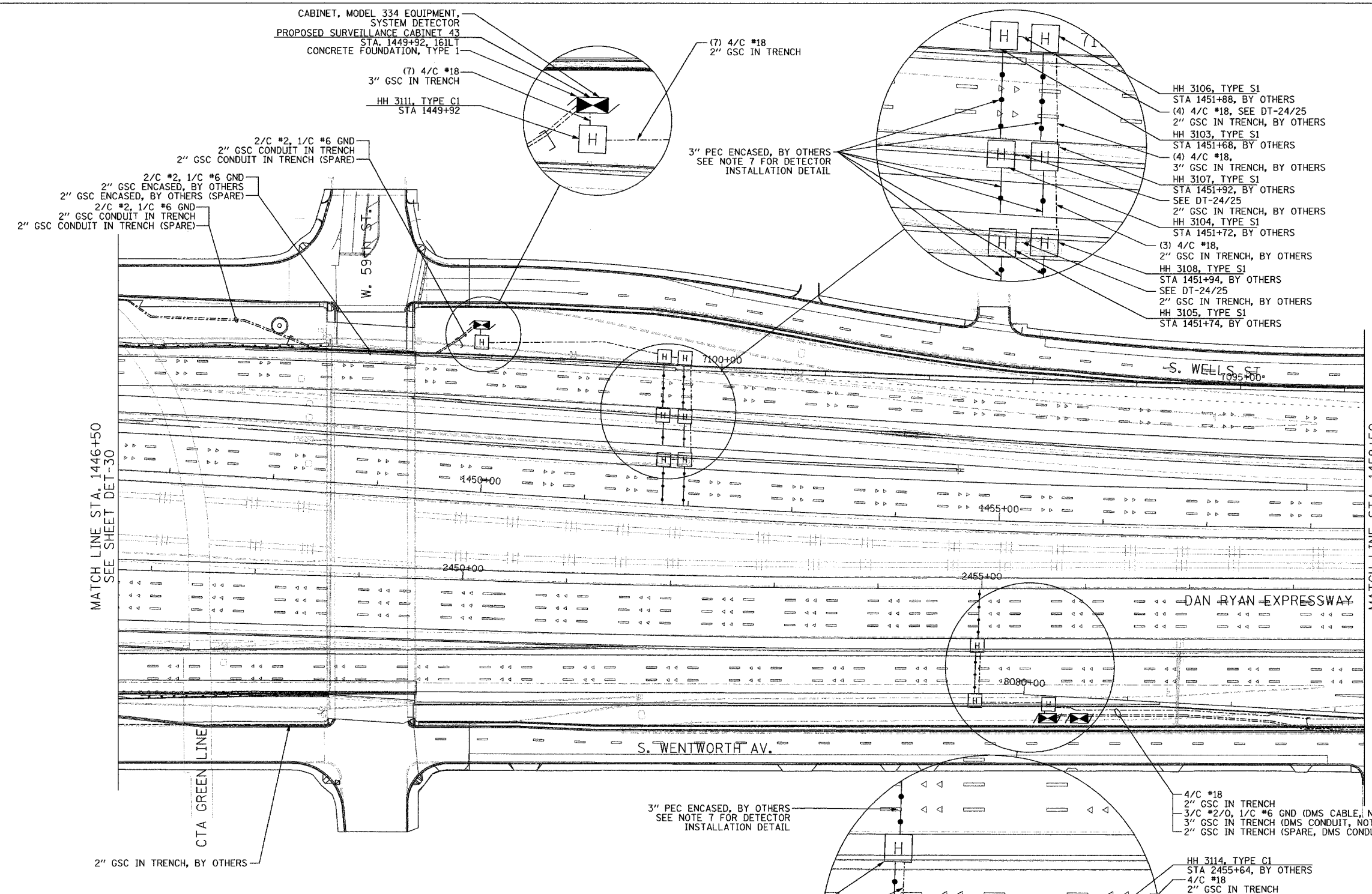


SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2003-0311	COOK	976	744
STA. 1446+50 TO STA. 1458+50			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
62583			



CABINET, MODEL 334 EQUIPMENT, SYSTEM DETECTOR
 PROPOSED SURVEILLANCE CABINET 43
 STA. 1449+92, 161LT
 CONCRETE FOUNDATION, TYPE 1

(7) 4/C #18
 2" GSC IN TRENCH

(7) 4/C #18
 3" GSC IN TRENCH

HH 3111, TYPE C1
 STA 1449+92

2/C #2, 1/C #6 GND
 2" GSC CONDUIT IN TRENCH (SPARE)

2/C #2, 1/C #6 GND
 2" GSC ENCASED, BY OTHERS (SPARE)

2/C #2, 1/C #6 GND
 2" GSC CONDUIT IN TRENCH (SPARE)

2" GSC ENCASED, BY OTHERS (SPARE)

2/C #2, 1/C #6 GND
 2" GSC CONDUIT IN TRENCH (SPARE)

2" GSC ENCASED, BY OTHERS (SPARE)

2/C #2, 1/C #6 GND
 2" GSC CONDUIT IN TRENCH (SPARE)

3" PEC ENCASED, BY OTHERS
 SEE NOTE 7 FOR DETECTOR
 INSTALLATION DETAIL

HH 3106, TYPE S1
 STA 1451+88, BY OTHERS

(4) 4/C #18, SEE DT-24/25
 2" GSC IN TRENCH, BY OTHERS

HH 3103, TYPE S1
 STA 1451+68, BY OTHERS

(4) 4/C #18,
 3" GSC IN TRENCH, BY OTHERS

HH 3107, TYPE S1
 STA 1451+92, BY OTHERS
 SEE DT-24/25

2" GSC IN TRENCH, BY OTHERS
 HH 3104, TYPE S1
 STA 1451+72, BY OTHERS

(3) 4/C #18,
 2" GSC IN TRENCH, BY OTHERS

HH 3108, TYPE S1
 STA 1451+94, BY OTHERS
 SEE DT-24/25

2" GSC IN TRENCH, BY OTHERS
 HH 3105, TYPE S1
 STA 1451+74, BY OTHERS

MATCH LINE STA. 1446+50
 SEE SHEET DET-30

MATCH LINE STA. 1458+50
 SEE SHEET DET-32

CTA GREEN LINE

2" GSC IN TRENCH, BY OTHERS

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

3" PEC ENCASED, BY OTHERS
 SEE NOTE 7 FOR DETECTOR
 INSTALLATION DETAIL

4/C #18
 2" GSC IN TRENCH
 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)

HH 3112, TYPE S1
 STA 2454+94, BY OTHERS

(2) 4/C #18
 2" GSC IN TRENCH, BY OTHERS

3" PEC ENCASED, BY OTHERS
 SEE NOTE 7 FOR DETECTOR
 INSTALLATION DETAIL

HH 3113, TYPE S1
 STA 2454+96, BY OTHERS

(3) 4/C #18
 2" GSC IN TRENCH, BY OTHERS

(7) 4/C #18
 3" GSC IN TRENCH

CONCRETE FOUNDATION, TYPE 1
 PROPOSED SURVEILLANCE CABINET 44
 STA. 2455+65, 124RT

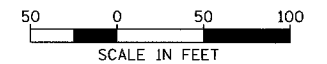
HH 3114, TYPE C1
 STA 2455+64, BY OTHERS

4/C #18
 2" GSC IN TRENCH

3/C #2/0, 1/C #6 GND (DMS CABLE, NOTE 4)
 3" GSC IN TRENCH (DMS CONDUIT, NOTE 4)

3" GSC IN TRENCH (SPARE, DMS CONDUIT, NOTE 4)
 DMS UPS CABINET "DMS-UPS-03"
 AS SHOWN ON SHEET DMS-04

CABINET, MODEL 334 EQUIPMENT,
 DMS/SYSTEM DETECTOR



DET-31

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
 59TH ST. SITE LAYOUT
 DET-33, DET-34

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

DRAWN BY: CJH
 CHECKED BY: MJL



11/23/2004 02:03:45 PM