

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2003-0311	COOK	976	747
STA. 1482+50 TO STA. 1494+50			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		62583	



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HH 3408, TYPE S1  
STA 1488+71, BY OTHERS  
3" PEC ENCASED, BY OTHERS  
SEE NOTE 7 FOR DETECTOR  
INSTALLATION DETAIL  
(2) 4/C #18  
2" GSC IN TRENCH, BY OTHERS

HH 3409, TYPE S1  
STA 1488+71, BY OTHERS  
3" PEC ENCASED, BY OTHERS  
SEE NOTE 7 FOR DETECTOR  
INSTALLATION DETAIL

HH 3401, TYPE S1 (SPECIAL)  
STA 568+16, BY OTHERS  
3" PEC ENCASED, BY OTHERS  
SEE NOTE 7 FOR DETECTOR  
INSTALLATION DETAIL  
4/C #18  
2" GSC IN TRENCH, BY OTHERS

ELECTRIC UTILITY SERVICE CONNECTION  
ELECTRIC SERVICE INSTALLATION, 30A, 120V  
APPROXIMATELY 140' WEST OF WELLS STREET  
2/C #4, 1/C #6 GND  
2" GSC PUSHED  
2/C #1/0 1/C #6 GND  
3" GSC PUSHED  
2/C #1, 1/C #6 GND  
2" GSC PUSHED  
2" GSC PUSHED (SPARE)  
HH 3403 TYPE S1  
STA 574+79, BY OTHERS  
2/C #4, 1/C #6 GND  
2" GSC IN TRENCH, BY OTHERS  
2/C #1/0 1/C #6 GND  
3" GSC IN TRENCH, BY OTHERS  
2/C #1, 1/C #6 GND  
2" GSC IN TRENCH, BY OTHERS  
2" GSC IN TRENCH, BY OTHERS (SPARE)

HH 3410 TYPE C1  
STA 5080+61  
(5) 4/C #18  
3" GSC IN TRENCH  
PROPOSED SURVEILLANCE CABINET 39  
STA. 5080+38, 28RT  
CONCRETE FOUNDATION, TYPE 1  
CABINET, MODEL 334 EQUIPMENT,  
SYSTEM DETECTOR

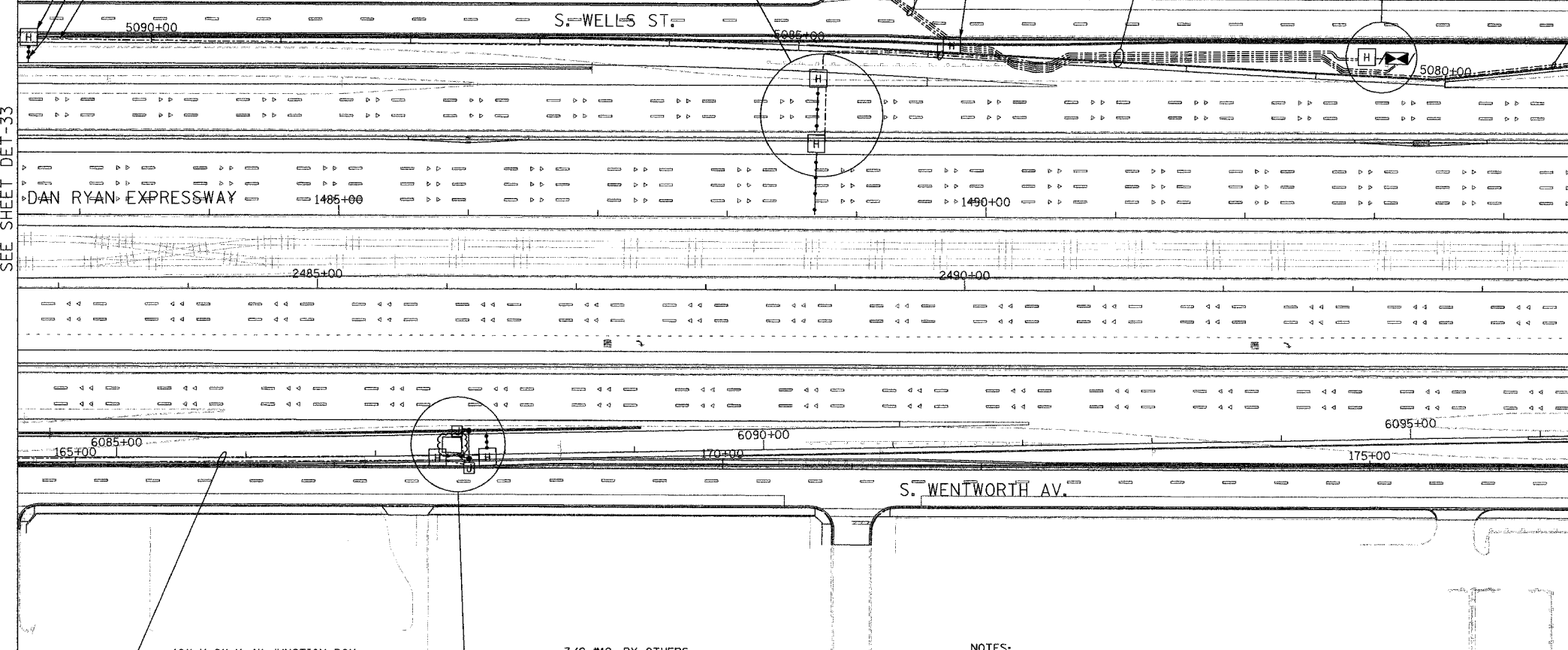
HH 3404, TYPE S1  
STA 575+51, BY OTHERS  
4/C #18  
2" GSC IN TRENCH  
(4) 4/C #18  
2" GSC IN TRENCH  
2/C #4, 1/C #6 GND  
2" GSC IN TRENCH  
2/C #1/0 1/C #6 GND  
3" GSC IN TRENCH  
2/C #1, 1/C #6 GND  
2" GSC IN TRENCH  
2" GSC IN TRENCH (SPARE)

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

2/C #4, 1/C #6 GND  
2" GSC IN TRENCH  
2/C #1/0 1/C #6 GND  
3" GSC IN TRENCH

MATCH LINE STA. 1482+50  
SEE SHEET DET-33

MATCH LINE STA. 1494+50  
SEE SHEET DET-35



(2) 4/C #18, BY OTHERS  
2" GSC IN TRENCH, BY OTHERS  
3/C #12, BY OTHERS  
2" GSC IN TRENCH, BY OTHERS

10" X 8" X 4" JUNCTION BOX  
EMBEDDED IN WALL, BY OTHERS  
3/C #12, BY OTHERS  
2" GSC IN TRENCH, BY OTHERS  
LOOP DETECTOR, BY OTHERS  
12'x15'

HH 3406, TYPE S1 (SPECIAL)  
STA 6087+58, BY OTHERS

3/C #12, BY OTHERS  
2" GSC EMBEDDED IN WALL, BY OTHERS  
RAMP METER SIGNAL, BY OTHERS  
ON WALL FOUNDATION, BY OTHERS (STA. 6087+63)

3" PEC ENCASED, BY OTHERS

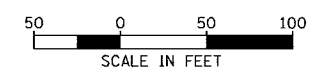
HH 3407, TYPE S1 (SPECIAL)  
STA 6087+71, BY OTHERS  
RAMP METER SIGNAL, BY OTHERS  
ON WALL MOUNTED BRACKET (STA. 6087+63)

4/C #18, BY OTHERS  
2" GSC IN TRENCH, BY OTHERS  
3/C #12, BY OTHERS  
2" GSC EMBEDDED IN WALL, BY OTHERS

3/C #12, BY OTHERS  
2" GSC EMBEDDED IN WALL, BY OTHERS  
10" X 8" X 4" JUNCTION BOX  
EMBEDDED IN WALL, 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 SHEETS 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



DET-34

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REVISIONS	
NAME	DATE
REVISION	2/11/05

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
31st STREET TO I-57  
SURVEILLANCE SYSTEM STATION  
RAMP METERING AND DETECTOR SYSTEM  
55TH ST. SITE LAYOUT  
DET-38, RM-15  
SCALE: 1"=50'  
DATE: October 29, 2004  
DRAWN BY: CJH  
CHECKED BY: MJL

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