	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2003-031I	COOK	976	811
STA. 1608+00	TO STA. 1620+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62583

N

(2) 2" CNC, PUSHED (48F, SPARE)

MATCH LINE A - A
SEE SHEET COMM-53

48 SM
R01 R05, 1-12
R02 R05, 1-12
24F DF

(2) 2" CNC PUSHED (24F, SPARE)
(2) 2" CNC, IN TRENCH (24F, SPARE)
FIBER OPTIC SPLICE - LATERAL
HH 4501, TYPE C1
STA 5020+19
(3) 1¼" CNC IN TRENCH (60F, 6F, SPARE)
4" CNC CONCRETE ENCASED, BY OTHERS
(3) 1¼" CNC (60F, 6F, SPARE)
4" CNC CONCRETE ENCASED, BY OTHERS (SPARE)
4" CNC CONCRETE ENCASED, BY OTHERS (SPARE)

(3) 1¼" CNC IN TRENCH (60F, 6F, SPARE)
HH 4502 TYPE S1
STA 1612+38
(3) 1¼" CNC IN TRENCH (60F, 6F, SPARE)

6 SM
DR-4A R02, 1-6
60 SM
R01 R02, 1-48
R02 R05, 1-12
4" CNC CONCRETE ENCASED, BY OTHERS
(3) 1¼" CNC (60F, 6F, SPARE)
4" CNC CONCRETE ENCASED, BY OTHERS (SPARE)
4" CNC CONCRETE ENCASED, BY OTHERS (SPARE)
(3) 1¼" CNC IN TRENCH (60F, 6F, SPARE)

(3) 1¼" CNC IN TRENCH (60F, 6F, SPARE)
PROPOSED SURVEILLANCE CABINET 25
STA 5002+39, 40RT
FIBER OPTIC TERMINATION PANEL, 12F
12 SM
R01 R03, 1-8
3" GSC IN TRENCH (12F)
FIBER OPTIC SPLICE - LATERAL
HH 4504 TYPE C1
STA 5002+39

(3) 1¼" CNC IN TRENCH (60F, 6F, SPARE)

S. WENTWORTH AV.

5020+00 | 130+00 | 135+00 | 5090+00

MATCH LINE STA. 1608+00
SEE SHEET COMM-44

W. 35th ST.

3610+00 | 3615+00
1610+00 | 1615+00
2610+00 | 2615+00

MATCH LINE STA. 1620+00
SEE SHEET COMM-46

DAN RYAN EXPRESSWAY

4610+00 | 4615+00 | 4620

6000+00 | 230+00 | 6005+00 | 235+00

S. LA SALLE ST.

(3) 1¼" CNC IN TRENCH (48F, 6F, SPARE)
(3) 1¼" CNC IN TRENCH (96F, SPARE, SPARE)

6 SM
DR-2B R03, 1-6
48 SM
R01 R03, 1-48
96 SM
R01 R03, 1-96
4" CNC CONCRETE ENCASED, BY OTHERS
(3) 1¼" CNC (48F, 6F, SPARE)
4" CNC CONCRETE ENCASED, BY OTHERS
(3) 1¼" CNC (96F, SPARE, SPARE)
4" CNC CONCRETE ENCASED, BY OTHERS (SPARE)

(3) 1¼" CNC IN TRENCH (96F, SPARE, SPARE)
HH 4505/1600 TYPE S1
STA. 6002+30, BY OTHERS
4" CNC CONCRETE ENCASED, BY OTHERS
(3) 1¼" CNC (48F, 6F, SPARE)
4" CNC CONCRETE ENCASED, BY OTHERS
(3) 1¼" CNC (96F, SPARE, SPARE)
4" CNC CONCRETE ENCASED, BY OTHERS (SPARE)
(3) 1¼" CNC IN TRENCH (48F, 6F, SPARE)
(3) 1¼" CNC IN TRENCH (96F, SPARE, SPARE)

(3) 1¼" CNC IN TRENCH (48F, 6F, SPARE)
FIBER OPTIC SPLICE - LATERAL
HH 4507, TYPE C1
STA. 6004+98
12 SM
R01 R03, 1-8
3" GSC IN TRENCH (12F)
PROPOSED SURVEILLANCE CABINET 28
STA 6004+98, 42RT
FIBER OPTIC TERMINATION PANEL, 12F

(3) 1¼" CNC IN TRENCH (96F, SPARE, SPARE)
(2) CONCRETE FOUNDATION, TYPE 2
PROPOSED PULLING PEDESTAL 18
STA. 4617+67, 107RT

(3) 1¼" CNC IN TRENCH (48F, 6F, SPARE)
(3) 1¼" CNC IN TRENCH (96F, SPARE, SPARE)

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 COMMUNICATIONS 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. COMMUNCATIONS CONDUIT SHALL NOT BE INSTALLED IN ELECTRIC HANDHOLES (SEE DETAIL SHEET DT-45).
7. FOR HANDHOLE DETAILS, SEE SHEET DT-44 AND DT-46.

50 0 50 100
SCALE IN FEET

COMM-45

Edwards AND Kelcey
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CHICAGO, IL 60606
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FAX: (312) 251-3015
WEB: WWW.EKCORP.COM

REVISIONS	
NAME	DATE
REVISION 1	10/17/04

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31st STREET to I-57

COMMUNICATIONS BACKBONE CONDUIT AND CABLE LAYOUT

SCALE: 1"=50'
DRAWN BY: DHI
DATE: October 29, 2004
CHECKED BY: BA

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