CONTRACT NO. 83980

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1338	05-00083-00-FP	COOK	167	1
COVER SHEET				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT M-8003(512)		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID PROJECT

F.A.U. ROUTE 1338 (WISE ROAD)
F.A.P. ROUTE 0364 (ROSELLE ROAD) TO
F.A.U. ROUTE 2582 (PLUM GROVE ROAD)
SECTION 05-00083-00-FP
PROJECT NO. M-8003(512)
ROADWAY CONSTRUCTION,
TRAFFIC SIGNAL INSTALLATION AND LIGHTING
COOK COUNTY
C-91-195-05

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2-3	GENERAL NOTES AND STATE STANDARDS
4-13	SUMMARY OF QUANTITIES
14-16	TYPICAL SECTIONS
17	SCHEDULE OF QUANTITIES
18-20	ALIGNMENT, TIES AND BENCHMARKS
21-35	PLAN AND PROFILE
36-37	CUL-DE-SAC IMPROVEMENT PLAN
38	MAINTENANCE OF TRAFFIC GENERAL NOTES AND TYPICAL SECTIONS
39-45	MAINTENANCE OF TRAFFIC PLANS
46-48	DETOUR PLAN
49-51	EROSION CONTROL PLANS
52-66	DRAINAGE AND UTILITIES
67-69	INTERSECTION GRADING PLANS
70-72	PAVEMENT MARKING AND SIGNING
73-79	LANDSCAPING PLANS
80	LANDSCAPING DETAILS
81-85	IRRIGATION INSTALLATION PLANS
86	IRRIGATION DETAILS
87-92	CONCRETE PAVER LAYOUT PLANS
93	CONCRETE PAVER DETAILS
94	TRAFFIC SIGNAL MODIFICATION PLAN - ROSELLE ROAD
95	CABLE PLAN - ROSELLE ROAD
96	TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN - PLUM GROVE ROAD
97	TEMPORARY CABLE PLAN - PLUM GROVE ROAD
98	TRAFFIC SIGNAL INSTALLATION PLAN - PLUM GROVE ROAD
99-100	CABLE PLAN - PLUM GROVE ROAD
101	MAST ARM MOUNTED STREET NAME SIGNS
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113-115	LIGHTING DETAILS
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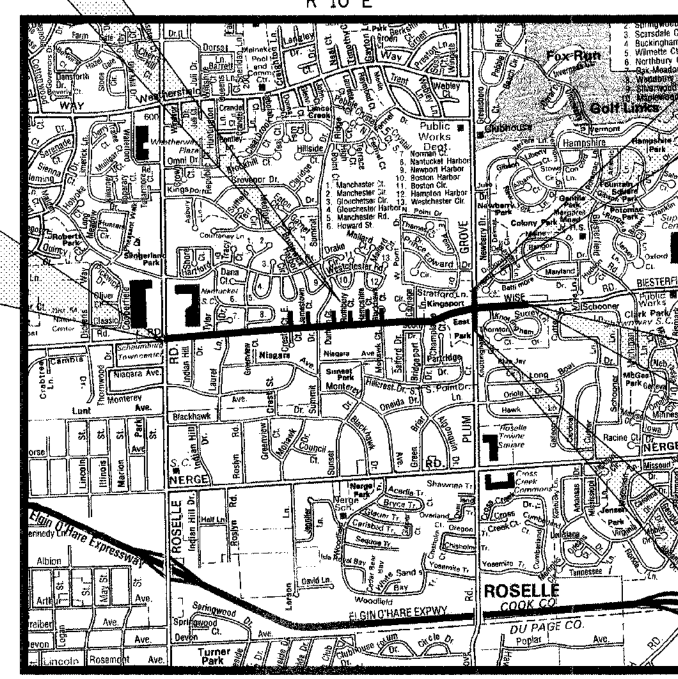
163-167	SOIL BORINGS

CUL-DE-SAC IMPROVEMENTS
CREST COURT, JAMESTOWN COURT, DURHAM COURT
ROTHBURY COURT, HAMPSHIRE COURT, BLACKHAWK COURT

R 10 E



T 41 N

IMPROVEMENT BEGINS
STA. 10+85
WISE ROAD

IMPROVEMENT ENDS
STA. 232+21
PLUM GROVE ROAD

IMPROVEMENT ENDS
STA. 76+44
WISE ROAD

IMPROVEMENT BEGINS
STA. 220+84.60
PLUM GROVE ROAD

LOCATION MAP
NOT TO SCALE

PROJECT LENGTH (NET AND GROSS):
WISE ROAD - 6,559 FT. (1.242 MILE)
PLUM GROVE ROAD - 1136.4 FT. (0.215 MILE)
CREST COURT - 275 FT. (0.052 MILE)
JAMESTOWN COURT - 445 FT. (0.084 MILE)
DURHAM COURT - 195 FT. (0.037 MILE)
ROTHBURY COURT - 195 FT. (0.037 MILE)
HAMPSHIRE COURT - 195 FT. (0.037 MILE)
BLACKHAWK COURT - 195 FT. (0.037 MILE)

TOTAL PROJECT LENGTH - 9,195.4 FT. (1.741 MILE)

DESIGN SPEEDS:
WISE ROAD - 35 MPH
PLUM GROVE ROAD - 50 MPH

POSTED SPEEDS:
WISE ROAD - 30 MPH
PLUM GROVE ROAD - 45 MPH

DESIGN DESIGNATIONS:
WISE ROAD - 14,000(2030) COLLECTOR TWS-4 0.408(FD-20)
PLUM GROVE ROAD - 21,000(2030) COLLECTOR TWS-4 1.085(PCC-20)

0 100' 200' 300' — 1" = 100'
0 10' 20' 30' — 1" = 10'
0 50' 100' — 1" = 50'
0 50' 100' — 1" = 40'
0 50' 100' — 1" = 30'
0 50' 100' — 1" = 20'

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123

CONTRACT NO. 83980

LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED September 24, 2007
[signature]
DIRECTOR OF ENGINEERING AND PUBLIC WORKS

PASSED November 5, 2007
[signature] CHRISTOPHER HOLT
DISTRICT ONE ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW Nov. 6 2007
Diane O'Keefe /cd
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

[seal] [signature] 9-27-07 11-30-07
REGISTERED P.E., STATE OF ILLINOIS EXPIRES

PLANS PREPARED BY:

CIVILTECH
450 E. Devon Ave, Suite 300 - Itasca, Illinois 60143
Tel: 630.773.3900 - Fax: 630.773.3975
www.civiltechinc.com

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ASSOCIATE FIELD ENGINEER: KEVIN STALLWORTH 847-705-4169 SCHAUMBURG, IL
CONSULTANT ENGINEER: JONATHAN VANA, P.E. CIVILTECH ENGINEERING, INC.