

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	2004-019 TS	WILL	13	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 62738		

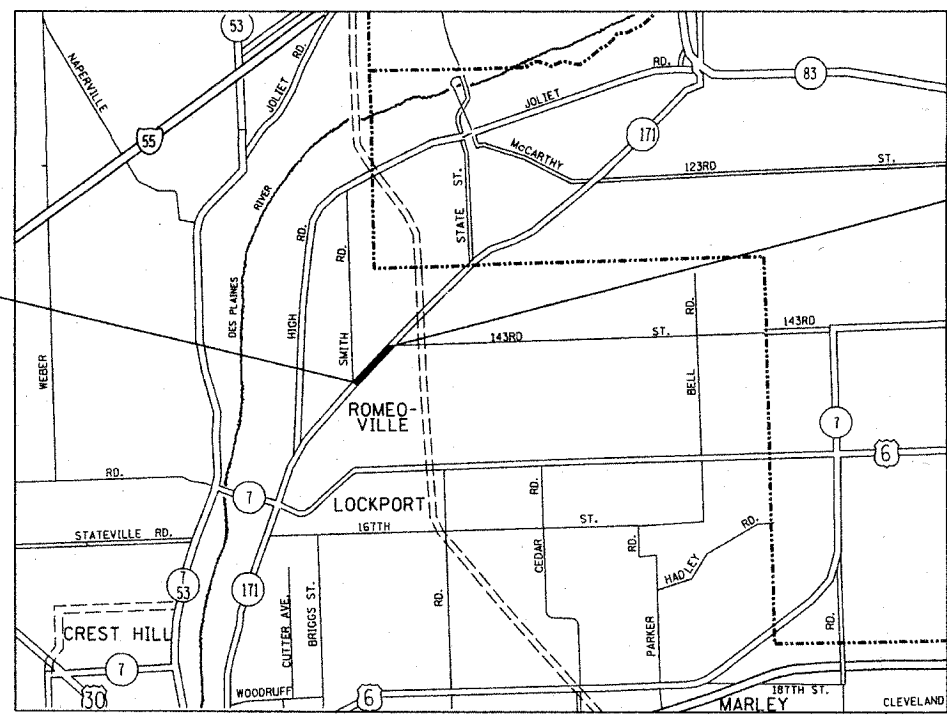
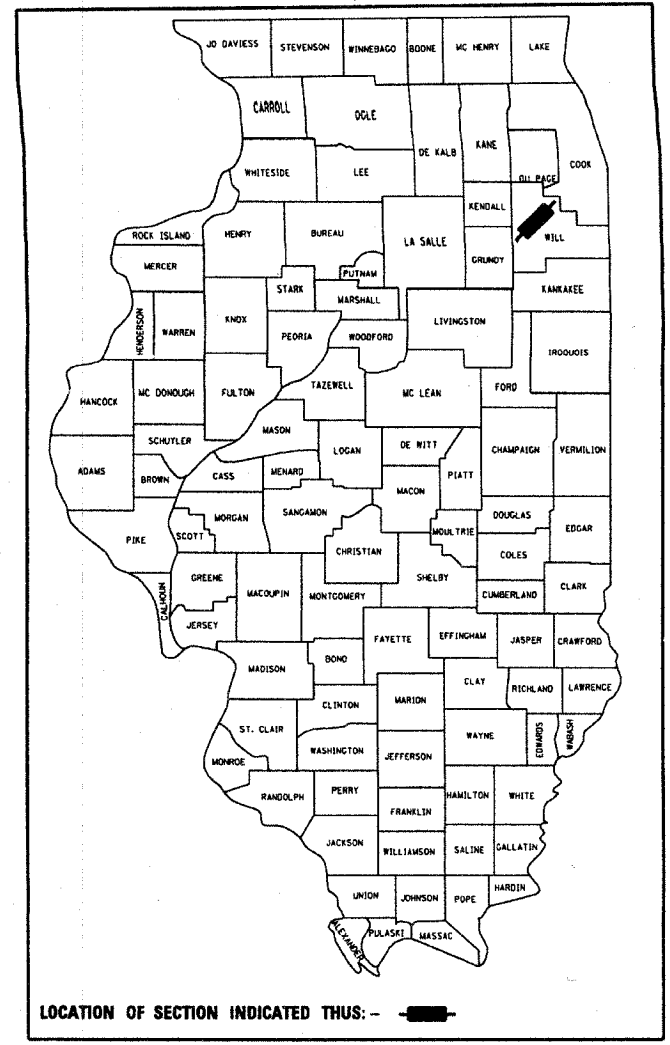
D-91-172-04

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
FEDERAL AID HIGHWAY
DISTRICT 1
CONGESTION MITIGATION AIR QUALITY
FIBER OPTIC COMMUNICATIONS NETWORK
IL. RTE. 171 (ARCHER AVE.)
FROM 143RD STREET TO SMITH ROAD

F.A.P. ROUTE 577
SECTION: 2004-019 TS
WILL COUNTY
C-91-172-04
PROJECT: ACCMM-019 TS



PROJECT BEGINS

PROJECT ENDS

STANDARD DRAWINGS

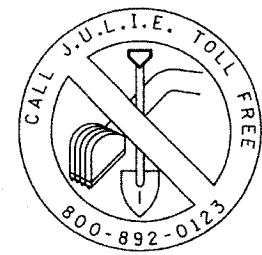
701006-02	701011-01	701101-01	701301-02	701901
424001-04	720001	813001-01	814001-01	814006
857001	877001-03	877006-02	877011-02	878001-06
880001	880006	886001		
701201-02	701316-03	701321-08	701400-02	701406-04
701501-04	701502-01	701606-05	701601-04	701701-05
701801-03				

NOTE: STANDARD DRAWINGS REQUIRED (CIRCLED).

PREPARED BY: Steve Travis 4/14/08
TRAFFIC ENGINEER DATE

SCALES: **PLAN 1" = 20'**
INTERCONNECT 1" = 50'

HOMER TOWNSHIP



48 - HOURS BEFORE DIGGING

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED April 4 20 08

Eric E. Hann
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Eric E. Hann
INTERIM ENGINEER OF DESIGN AND ENVIRONMENT

Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

Rev. 5-27-08

DISTRICT 1 - BUREAU OF TRAFFIC: STEVE TRAVIS / DARYLE DREW: (847) 705-4420

CONTRACT NO. 62738

SUMMARY OF QUANTITIES			URBAN 80% FED. 20% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		SMITH RD.	143rd ST.	INTERCONNECT
				Y031 1F	Y031 1F	Y031 1F
X0325890	RBOPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL I	EACH	1	1		
67100100	MOBILIZATION	L SUM	1	0.45	0.10	0.45
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.33	0.33	0.34
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.33	0.33	0.34
** 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	50	50		
⚠ 70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701600	L SUM	1	0.33	0.33	0.34
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	1545			1545
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	570			570
81400200	HEAVY-DUTY HANDHOLE	EACH	3			3
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1545			1545
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	1	1	
85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1	1		
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1	1		
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	731	731		
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	808	808		
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	316	316		
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	475	475		
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	35	35		
87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	2	2		
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	30	30		
87900200	DRILL EXISTING HANDHOLE	EACH	4	3		1
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6	6		
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2	2		

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CODE NO	ITEM	UNIT		SMITH RD.	143rd ST.	INTERCONNECT
				Y031 1F	Y031 1F	Y031 1F
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2	2		
88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2	2		
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	8	8		
88500100	INDUCTIVE LOOP DETECTOR	EACH	6	6		
* 88700200	LIGHT DETECTOR	EACH	2	2		
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	1	1		
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	85	85		
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1		
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2	2		
X0322256	TEMPORARY INFORMATION SIGNING	SO FT	102.8	51.4	51.4	
X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	2100			2100
X8050015	SERVICE INSTALLATION - POLE MOUNTED	EACH	1	1		
X8620020	UNINTERRUPTIBLE POWER SUPPLY-	EACH	1	1		
X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	2100			2100
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	35	35		
* X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	731	731		

* 100% COST WILL BE PAY BY NORTHWEST HOMER FIRE PROTECTION DISTRICT - Y031-3D

**Specialty Items

Rev. 5-27-08

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
IL. 171 (ARCHER AVE.) FROM
143rd Street to SMITH Road

PLOT DATE: 3/31/2008