

F.A. RTE. VARS.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		**	30	1

D-6 TRAFFIC SIGNAL MOD 2004-2
 ** LOGAN, MACOUPIN, MONTGOMERY, SANGAMON

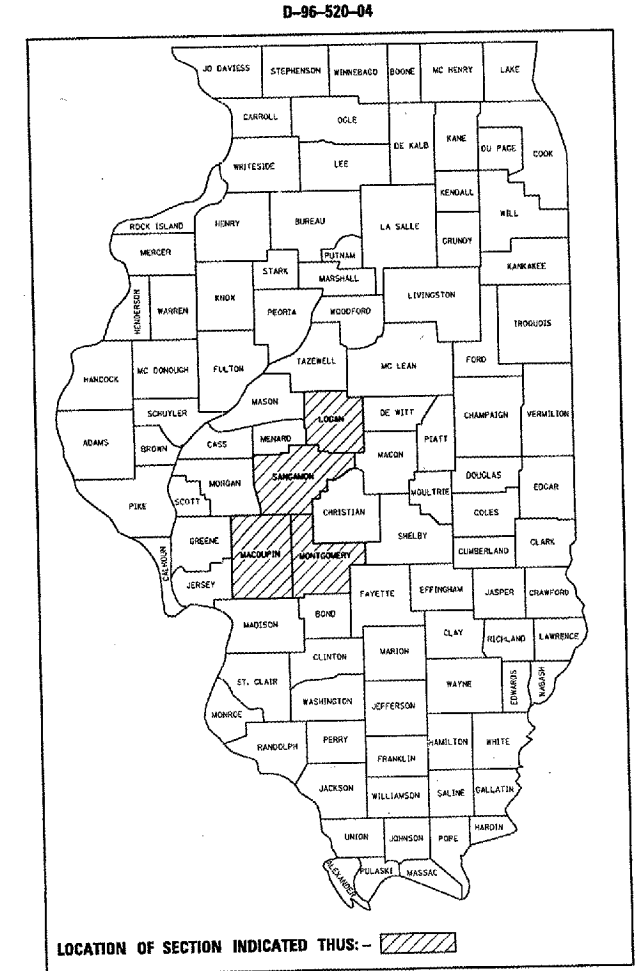
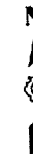
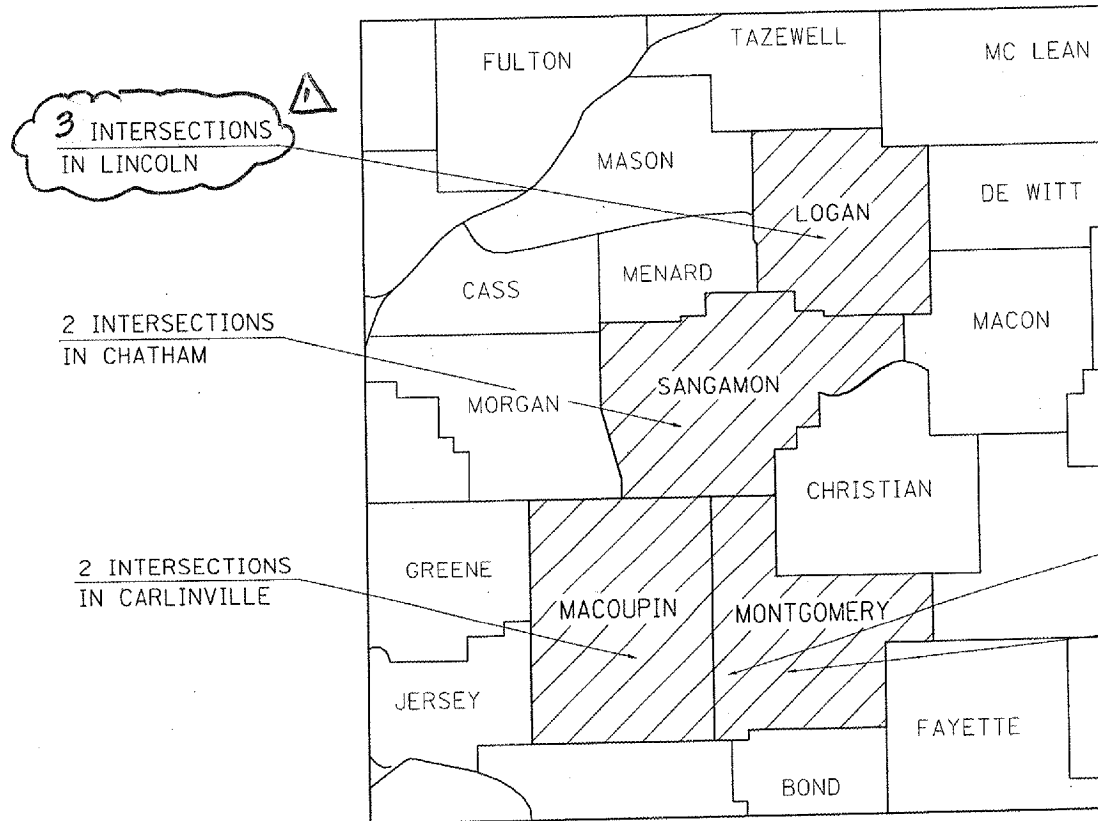
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PROPOSED
 HIGHWAY PLANS**

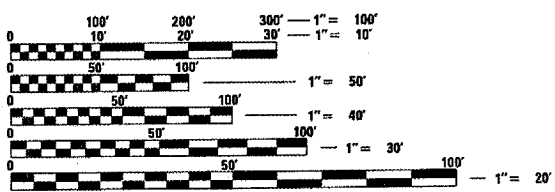
ROUTE VARIOUS
 SECTION D-6 TRAFFIC SIGNAL MOD 2004-2
 PROJECT: *HSIP-000S(530)*
 VARIOUS COUNTIES

FOR INDEX OF SHEETS, SEE SHEET NO. 2

C-96-526-07



LOCATION OF SECTION INDICATED THUS: [shaded box symbol]



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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED: *October 24, 2006*
Chris M. Reed
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

December 8, 2006
Eric C. Ham
 INTERIM ENGINEER OF DESIGN AND ENVIRONMENT

December 8, 2006
Milton R. Sees, P.E.
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

PROJECT ENGINEER: JOHN NEGANGARD 217-782-6990
 SQUAD LEADER: VICTOR YOUNG 217-557-7897

F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
VAR5	*	**	30 2
STA.		TO STA.	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
* D-6 TRAFFIC SIGNAL MOD. 2004-2			
** LOGAN, MACOUPIN, MONTGOMERY, SANGAMON			

INDEX OF SHEETS

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2. INDEX OF SHEETS
- 3.-5. SUMMARY OF QUANTITIES
6. TYPICAL SECTION
7. ~~DELETED~~
8. ~~IL 10 & CONNOLLEY DR.~~
9. ~~DELETED~~
10. KEOKUK ST. & LOGAN ST.
11. LOGAN ST. & BROADWAY ST.
12. IL 108 & MCCAUSLAND DR.
13. NICHOLAS ST. & BROAD ST.
14. IL 4 & COTTONWOOD DR.
15. IL 4 & PLUMMER BLVD.
16. MAIN ST & SCHOOL ST.
17. IL 127 & FAIRGROUND
- 18-19. IL 16 & CORVETTE DR.
20. IL 16 & SHERMAN ST.
21. IL 16 & JEFFERSON ST.
22. IL 16 & STATE ST.
23. IL 16 7 ST. FRANCIS WAY
- 24-25. TRAFFIAC SIGNAL DETECTOR LOOP DETAILS
26. LEGEND FOR TRAFFIAC SIGNALS DETAILS
- 27-28 CORVETTE DR. DETAILS
- 29.-30 CROSS SECTIONS

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

NO COMMITMENTS

RATES OF APPLICATION

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES.

PRIME COAT (BITUMINOUS) 0.00038 TON/SY

PRIMECOAT (AGGREGATE) 4 LBS/SO. YD. - 0.002 TON /SY

BITUMINOUS SURFACE OR BINDER - 2.016 TONS/CY.
AGGREGATE - 2.05 TONS/ CY.

SEEDING, CLASS 2
FERTILIZER RATION 1:1:1 RATR 270 LBS/ACRE (90 * OF NITROGEN, 90* OF PHOSPHOROUS, 90* OF POTASSIUM)
AGRICULTURAL GROUND LIMESTONE: 2 TON/ACRE
MULCH: 2 TON/ACRE

GENERAL NOTES

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS, MONUMENTS, AND PERMANENT SURVEY MARKERS UNTIL THE OWNER, AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSES OR OTHERWISE REFERENCED THEIR LOCATION.

ANY REFERENCE TO A STANDARD IN THE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THE PLANS.

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. ALL UTILITY LOCATIONS SHOWN ARE SUPPLIED BY THE UTILITY COMPANIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

THE NOMINAL THICKNESS FOR BASE AND SURFACE COURSES ARE SHOWN ON THE TYPICAL SECTIONS, STANDARDS, SCHEDULES, OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE ABOVE ITEM SHALL NOT BE LESS THAN 90 PERCENT OF OF THE NOMINAL THICKNESS AT ANY LOCATION.

THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATION OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

ALL ELEVATIONS SHOWN ON PLANS ARE ESTABLISHED FROM U.S.G.S MEAN SEAL LEVEL DATUM.

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE BITUMINOUS SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCE, TURN LANES, ETC. WILL BE ALLOWED

HIGHWAY STANDARDS

- 0000001-04
- 606001-03
- 701701-04
- 702001-06
- 780001-01
- 857001
- 880006
- 701001-01
- 701006-02
- 701501-03

DISTRICT SIX		
EXAMINED	Oct 10	20 06
<i>[Signature]</i>		
OPERATIONS ENGINEER		
EXAMINED	Oct 10	20 06
<i>[Signature]</i>		
PROGRAM IMPLEMENTATION ENGINEER		
EXAMINED	OCTOBER 23	20 06
<i>[Signature]</i>		
PROGRAM DEVELOPMENT ENGINEER		

PLOT DATE = 10/19/2006
 FILE NAME = \\n:\projects\72885\72885.dwg
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = vevends

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INDEX OF SHEETS, STANDARDS LIST,
 COMMITMENTS, & GENERAL NOTES

SCALE: VERT. DRAWN BY TMJ
 HORIZ. CHECKED BY VTY
 DATE 06-01-06

△ Rev. 1-2-07

Rev.

F.A. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	VARIOUS	30	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

* VARIOUS
** D-6 TRAFFIC SIGNAL MOD 2004-2

CODE NO.	ITEM	UNIT	TOTAL	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED
				10% STATE	5% STATE 5% LOCAL	5% STATE 5% LOCAL	5% STATE 5% LOCAL	6.7% STATE 3.3% LOCAL	5% STATE 5% LOCAL	7.5% STATE 2.5% LOCAL	5% STATE 5% LOCAL
				HILLSBORO*	HILLSBORO	CHATHAM	LITCHFIELD	LITCHFIELD**	LINCOLN	LINCOLN***	CARLINVILLE
				Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F
81012800	CONDUIT IN TRENCH, 3" DIA. , PVC	FOOT	5				5				
81013000	CONDUIT IN TRENCH, 4" DIA. , PVC	FOOT	11				11				
81306100	JUNCTION BOX (SPECIAL)	EACH	2				2				
81400100	HANDHOLE	EACH	2				2				
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	69				69				
87301515	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18. 3 PAIR	FOOT	42				42				
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	12								
88600100	DETECTOR LOOP, TYPE I	FOOT	523				523				
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1 FACE, 3 SECTION, MAST ARM MOUNTED	EACH	2								
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1 FACE, 5 SECTION, MAST ARM MOUNTED	EACH	4								
88040310	SIGNAL HEAD, POLYCARBONATE, LED, 3 FACE, 1-3 SECTION, 2-5 SECTION, BRACKET MOUNTED	EACH	4								
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	8 ⁸	1	1	1	2		1	1	1
89502350	REMOVE AND REINSTALL ELECTRIC CABLE ^{FROM} CONDUIT	FOOT	575				575				
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1								
89502380	REMOVE EXISTING HANDHOLE	EACH	2				2				

- * MAIN STREET & SCHOOL STREET
- ** IL. 16 & ST. FRANCIS
- *** LOGAN STREET & KEOKUK STREET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT. DATE, HORIZ. DATE

DRAWN BY DAY
CHECKED BY VIT

Rev. 1-2-07

PLOT DATE : 10/24/2006
FILE NAME : c:\p\proj\2006\72885\72885.dwg
PLOT SCALE : 2500:1
USER NAME : laughlinr1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	VARIOUS	30	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

* VARIOUS
** D-6 TRAFFIC SIGNAL MOD 2004-2

CODE NO.	ITEM	UNIT	TOTAL	90% FED 10% STATE	90% FED 5% STATE 5% LOCAL	90% FED 5% STATE 5% LOCAL	90% FED 5% STATE 5% LOCAL	90% FED 6.7% STATE 3.3% LOCAL	90% FED 5% STATE 5% LOCAL	90% FED 7.5% STATE 2.5% LOCAL	90% FED 5% STATE 5% LOCAL
				HILLSBORO*	HILLSBORO	CHATHAM	LITCHFIELD	LITCHFIELD**	LINCOLN	LINCOLN***	CARLINVILLE
				Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F	Y031-1F
X3540500	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 11 3/4"	SO YD	52.6					52.6			
X8950910	REBUILD EXISTING SIGNAL HEAD FACE, 3-SECTION, LED	EACH	122 [△]	5	8	24	31	8	22 [△]	10	14
X8950915	REBUILD EXISTING SIGNAL HEAD FACE, 4-SECTION, LED	EACH	20 [△]		4		12				4
X8950920	REBUILD EXISTING SIGNAL HEAD FACE, 5-SECTION, LED	EACH	85 [△]	6	4	12	27	2	12 [△]	8	14
X8950950	REBUILD EXISTING PEDESTRIAN SIGNAL HEAD FACE, LED	EACH	78	4	4	16	24	2	8	8	12
Z0075300	TIE BARS	EACH	74				74				

URBAN

- * MAIN STREET & SCHOOL STREET
- ** IL. 16 & ST. FRANCIS
- *** LOGAN STREET & KEOKUK STREET

● SPECIALTY ITEMS

PLOT DATE : 10/24/2006
 FILE NAME : c:\p\projects\052004\04\04\04.dgn
 PLOT SCALE : 250/8400 / IN.
 USER NAME : t.eight@illinois.gov

△ Rev. 1-2-07

Rev.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT.
DATE: HORIZ.

DRAWN BY: DAY
CHECKED BY: VTY