

1. Cover Sheet
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- 3-4. Typical Cross Sections (Paving)
- 5-9. Milling Detail sheet (Paving)
10. Detail Sheet (Paving)
11. Schedule of Quantities (Intersection Widening)
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- 15-18. Plan & Profile Sheets (Intersection Widening)
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28. Miscellaneous Details & Legend (Intersection Widening)
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STATE STANDARD DETAILS

- |             |                                                                                                                                                      |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 000001-04   | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS                                                                                                         |
| 280001-02   | TEMPORARY EROSION CONTROL SYSTEM                                                                                                                     |
| 285001-01   | FABRIC FORMED CONCRETE REVETMENT MAT                                                                                                                 |
| 406201      | MAILBOX TURNOUT                                                                                                                                      |
| 442201-01   | CLASS C AND D PATCHES                                                                                                                                |
| 542301      | PRECAST REINFORCED CONCRETE FLARED END SECTION                                                                                                       |
| 602401      | MANHOLE TYPE A                                                                                                                                       |
| 602601      | PRECAST REINFORCED CONCRETE FLAT SLAB TOP                                                                                                            |
| 602701      | CAST IRON STEPS                                                                                                                                      |
| 606001-02   | CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER                                                                                        |
| 606006      | OUTLET FOR CONC. CURB AND GUTTER TYPE 15.60 (B-6.24)                                                                                                 |
| 606401      | PAVED DITCH                                                                                                                                          |
| 701001-01   | OFF-RD OPERATIONS 2L, 2W, MORE THAN 4.5m (15') AWAY                                                                                                  |
| 701006-02   | OFF-RD OPERATIONS 2L, 2W, 4.5m (15') TO 600mm (24') FROM PAVEMENT EDGE                                                                               |
| 701011-01   | OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY                                                                                                           |
| 701021-02   | LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH                                                                                                  |
| 701301-02   | LANE CLOSURE, 2L, 2W, SHORT TERM OPERATIONS                                                                                                          |
| 701306-01   | LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH                                                                           |
| 701326-02   | LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH                                                                                         |
| 701336-04   | LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES FOR SPEEDS > 45 MPH                                                                                       |
| 702001-05   | TRAFFIC CONTROL DEVICES                                                                                                                              |
| 720001      | SIGN PANEL MOUNT DETAILS                                                                                                                             |
| 720016-01   | MAST ARM MOUNTED STREET NAME SIGNS                                                                                                                   |
| 780001-01   | TYPICAL PAVEMENT MARKINGS                                                                                                                            |
| 781001-02   | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS                                                                                              |
| 814001      | CONCRETE HANDHOLES                                                                                                                                   |
| 857001      | STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES                                                                                              |
| 877001-02   | STEEL MAST ARM ASSEMBLY AND POLE                                                                                                                     |
| 878001-03   | CONCRETE FOUNDATION DETAILS                                                                                                                          |
| 880006      | TRAFFIC SIGNAL MOUNTING DETAILS                                                                                                                      |
| 886001      | DETECTOR LOOP INSTALLATIONS                                                                                                                          |
| 886006      | TYPICAL LAYOUT FOR DETECTION LOOPS                                                                                                                   |
| B.L.R. 21-6 | TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS                                                              |
| B.L.R. 22-4 | TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO WAY RURAL TRAFFIC ROAD CLOSED TO THRU TRAFFIC) |

**STRUCTURAL DESIGN DATA: SEE PAGES 3-4 FOR PAVEMENT DESIGN**

WHITE OAK ROAD - MINOR ARTERIAL  
 COLLEGE AVENUE - MINOR ARTERIAL  
 POSTED SPEED = 55 MPH  
 DESIGN SPEED = 50 MPH  
 COLLEGE AVENUE ADT (2005) 5,300 (2025) 7,100  
 WHITE OAK ROAD ADT (2005) 6,000 (2025) 8,010  
 STRUCTURAL DESIGN TRAFFIC YEAR: 2015  
 PC: 5,890 SU: 186 MU: 124  
 CLASS OF STREET: II (MINOR ARTERIAL)  
 IFR = 3.0(MIN)  
 TRAFFIC FACTOR: 0.69  
 PAVEMENT STRUCTURAL MATERIALS: SEE PROPOSED TYPICAL SECTIONS



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

#### PLANS FOR PROPOSED

# McLEAN COUNTY FEDERAL AID URBAN (STU)

## WHITE OAK RD (CH 70)

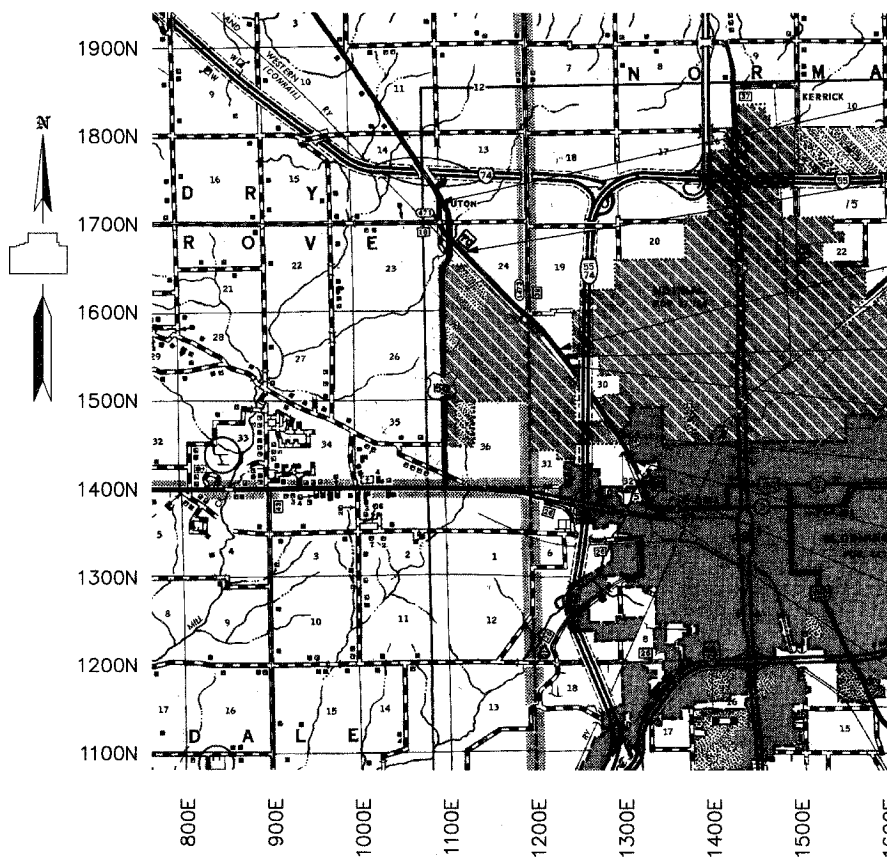
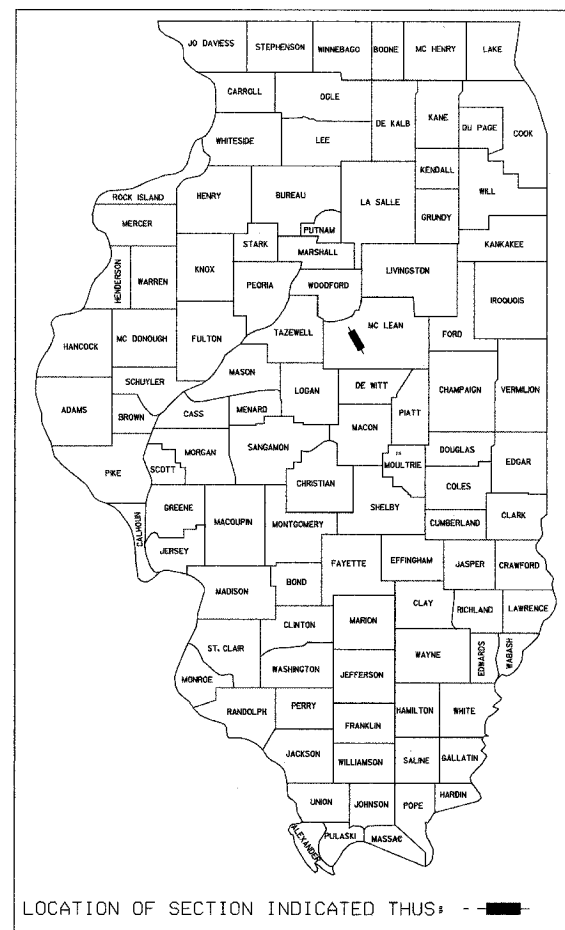
### F.A.U. 6385 SEC. 03-00182-00-RS

### PROJECT NO. M-5227(45)

### JOB NO. C-93-087-04

FED. DIST. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6385	*	McLEAN	34	1

\* 03-00182-00-RS  
 CONTRACT NO. 87275



- BEGINNING STA: 603+44
- STATION EQUATION  
 STA: 630+88.88 = 632+34.46 -145.58'
- STATION EQUATION  
 STA: 718+90.5 = 719+06.7 -16.2'
- STATION EQUATION: STA:  
 90+16.41 AHEAD=716+77.02 BACK
- STATION EQUATION:  
 STA: 109+18.48 BACK=736+12.24 AHEAD
- RAILROAD TRACK OMISSION 6'  
 STA: 769+27 TO STA: 769+33
- MARTIN LUTHER KING DRIVE OMISSION  
 STA: 792+09 TO STA: 794+27 -218'
- BRIDGE OMISSION 135'  
 STA: 818+50 TO STA: 819+85
- ENDING STA: 835+43

APPROXIMATE SCALE: 0 1 MILE

- NOTE: THE TOTAL LENGTH OF THE PROPOSED PROJECT IS 23,199 FEET WITH A NET LENGTH OF 22,678.22 FEET (4.295 MILES).
- NOTE: THESE PLANS MEET THE MINIMUM REQUIREMENTS FOR A 3-R ARTERIAL POLICY.
- NOTE: THESE PLANS FOR THIS SECTION ARE THOSE AS APPROVED IN SECTION (9,10&11) RS.



*Eric Schmidt*  
 ILLINOIS PROFESSIONAL ENGINEER #55820  
 EXPIRES 11-30-07

ROADWAY CLASSIFICATION: MINOR ARTERIAL  
 DESIGN SPEED: 45 & 55 MPH  
 CURRENT ADT: 6000 (2004)  
 DESIGN ADT: 8010 (2025)

APPROVED	<i>December 23</i>	20
	<i>Michael C. Hall</i>	05
TOWN OF NORMAL DIRECTOR OF PUBLIC WORKS		
APPROVED	<i>December 27</i>	20
	<i>Engel M. Hansen</i>	05
CITY OF BLOOMINGTON CITY ENGINEER		
APPROVED	<i>12-23</i>	20
	<i>John Miller</i>	05
COUNTY ENGINEER		
APPROVED	<i>1-03</i>	20
	<i>Kenneth L. Day</i>	06
DISTRICT OF LOCAL ROADS AND STREETS		
APPROVED	<i>1-03</i>	20
	<i>Gregory Monte</i>	06
DEPUTY DIRECTOR OF HIGHWAYS REGION 2 ENGINEER		
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		