

5/17/2006
c:\proj\sl\74161\d\03406pa.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

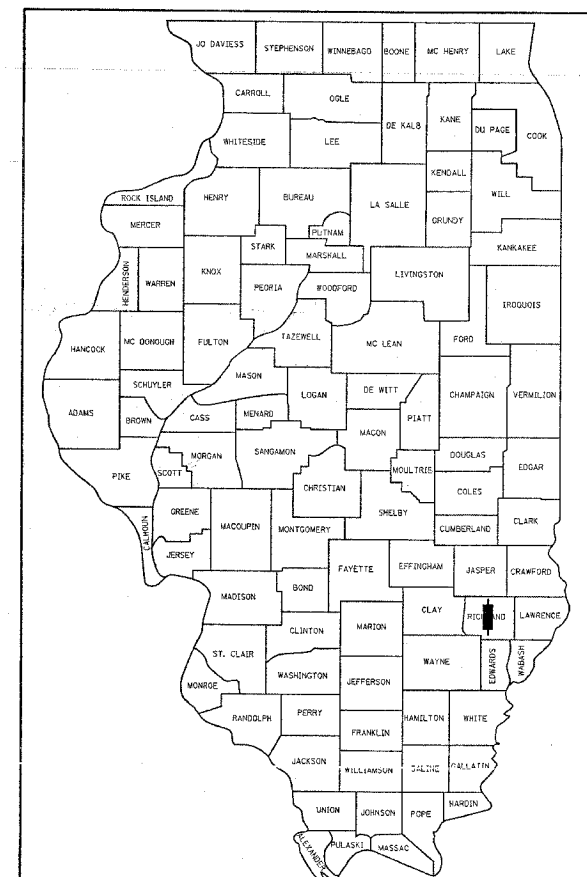
FAP ROUTE 116 (ILL 130)
SECTION (123Z, 124Z)TS-2,RS-3
PROJECT: F-HSIP-0116(049)
RICHLAND COUNTY
BITUMINOUS RESURFACING

C-97-067-06

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|---------|----------|--------------|-----------|
| 116 | | RICHLAND | 43 | 1 |

(123Z, 124Z)TS-2,RS-3

D-97-034-06

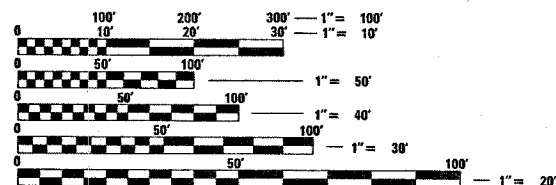


LOCATION OF SECTION INDICATED THUS: - ■ -

FOR INDEX OF SHEETS, SEE SHEET NO. 2

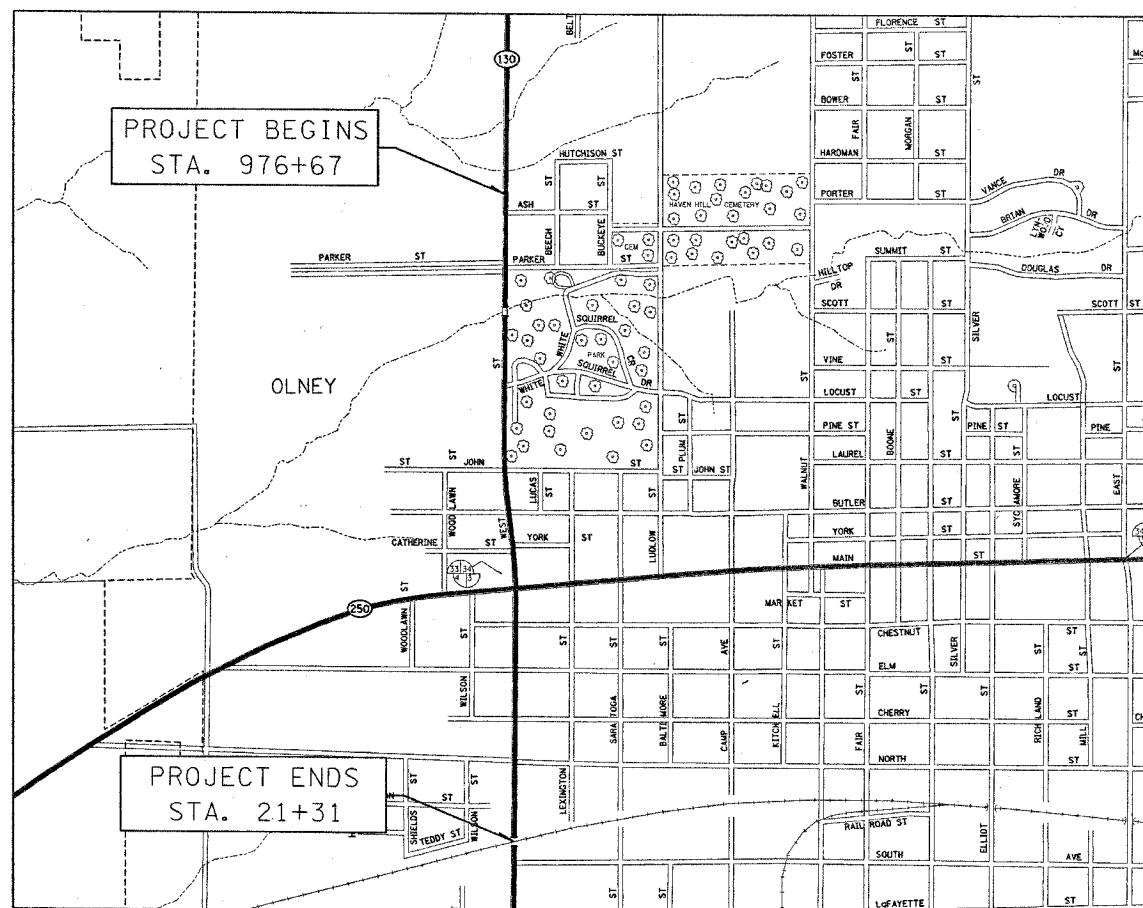
STATION EQUATION
STATION 1016 + 90.51BK = 4 + 27.49AH

2005 ADT - 12,400



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



PROJECT ENGINEER : MARK DAUGHERTY
SQUAD LEADER : JOYCE HEMMEN
DESIGNER : JOYCE HEMMEN
TELEPHONE : 217/342-3951 EX 313

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED May 19, 2006
Christ H. Reed
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 30, 2006
Mike Hine
ENGINEER OF DESIGN AND ENVIRONMENT

June 30, 2006
Milton R. See P.E. RD
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

CONTRACT NO. 74161

GROSS LENGTH = 5727.02 FEET = 1.08 MILES
NET LENGTH = 5727.02 FEET = 1.08 MILES

5/19/2006
c:\projects\74161\d\03406pa.dgn

CONTRACT NO. 74161

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|---------------------------|--------------|-----------|
| 116 | | RICHLAND | 43 | 2 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

• (123Z, 124Z)TS-2,RS-3

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2002; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" INDICATED ON THE CHECK SHEET, AND "THE SPECIAL PROVISIONS" INCLUDED IN THE PROPOSAL.

THE WORK INCLUDED IN THIS SECTION (123Z, 124Z)TS-2,RS-3 CONSISTS OF BITUMINOUS SURFACE REMOVAL, BITUMINOUS RESURFACING, PAVEMENT MARKING, UPGRADING OF TRAFFIC SIGNALS AND ANY OTHER INCIDENTAL WORK NECESSARY TO COMPLETE THE SECTION.

TEMPORARY BITUMINOUS TAPERS WILL BE REQUIRED AFTER THE BITUMINOUS SURFACE REMOVAL OPERATION HAS BEEN PERFORMED AND ANY SUBSEQUENT RESURFACING OPERATION NEEDING TEMPORARY BITUMINOUS TAPERS. THE CONTRACTOR SHALL CONSTRUCT TEMPORARY TAPERS (MIN. 2 FEET IN LENGTH) AROUND ALL EXISTING MANHOLES, HANDHOLES, VALVE BOXES, AND ANY OTHER APPURTENCES IN THE PAVEMENT. THE MATERIAL SHALL BE A BITUMINOUS MIXTURE AS APPROVED BY THE ENGINEER.

PAVEMENT MARKING SHALL BE APPLIED IN ACCORDANCE WITH SECTION 780 OF THE STANDARD SPECIFICATIONS: SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED SURFACE, LEVEL BINDER AND BITUMINOUS SURFACE COURSE. TEMPORARY TAPE SHALL BE USED ON THE LEVEL BINDER AND SURFACE COURSE AND PAINT SHALL BE USED ON THE MILLED SURFACE. THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS CONSISTS OF 920 SQ FT OF WHITE, THERMOPLASTIC PAVEMENT MARKING, LINE 4" CONSISTS OF 12933 FT. OF YELLOW, THERMOPLASTIC PAVEMENT MARKING, LINE 6" CONSISTS OF 4226 FT. OF WHITE, THERMOPLASTIC PAVEMENT MARKING, LINE 12" CONSISTS OF 143 FT. OF YELLOW, THERMOPLASTIC PAVEMENT MARKING, LINE 24" CONSISTS OF 357 FT. OF WHITE, EPOXY PAVEMENT MARKING, LETTERS AND SYMBOLS, 83 SQ FT OF WHITE, EPOXY PAVEMENT MARKING, LINE 6", 275 SQ FT OF WHITE, EPOXY PAVEMENT MARKING, LINE 24" CONSISTS OF 38 SQ FT OF WHITE.

FOR THE PAY ITEM BITUMINOUS MATERIALS (PRIME COAT), THE CONTRACTOR SHALL USE EITHER RC-70 OR AN EMULSIFIED POLYMER PRIME SS-1HP.

ALL AREAS DISTURBED WITHIN THE CONSTRUCTION LIMITS SHALL BE FERTILIZED AND SEEDED. SEEDING SHALL BE CLASS 2.

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESS TO THE BITUMINOUS PLANT QUALITY CONTROL LAB SO THAT BITUMINOUS PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL BITUMINOUS ITEMS.

THE FOLLOWING BITUMINOUS CONCRETE MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT.

MIXTURE USE(S): BINDER COURSE
AC/PG: PG 64-22
RAP%: (MAX) 10%
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
MIXTURE COMPOSITION: IL-19.0
FRICTION AGGREGATE: NA

MIXTURE USE(S): SURFACE COURSE
AC/PG: SBS PG 70-22
RAP%: (MAX) 0%
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 90
MIXTURE COMPOSITION: IL-9.5
FRICTION AGGREGATE: NA

MIXTURE USE(S): INCIDENTAL BITUMINOUS SURFACE
AC/PG: PG 64-22
RAP%: (MAX) 10%
DESIGN AIR VOIDS: 4% @ NDESIGN = 70
MIXTURE COMPOSITION: IL-9.5
FRICTION AGGREGATE: Mixt^ure C

MIXTURE USE(S): PAVEMENT PATCHING
AC/PG: PG 64-22
RAP%: (MAX) 15%
DESIGN AIR VOIDS: 4.0% @ NDESIGN = 70
MIXTURE COMPOSITION: IL-19.0
FRICTION AGGREGATE: NA

INDEX OF SHEETS

| SHEET NO. | DESCRIPTION |
|-----------|--|
| 1 | COVER SHEET |
| 2 | GENERAL NOTES & INDEX OF SHEETS |
| 3-6 | SUMMARY OF QUANTITIES |
| 7 | TYPICAL SECTIONS |
| 8 | SCHEDULES |
| 9 | ENTRANCE SCHEDULE |
| 10-19 | PLAN SHEETS |
| 20-30 | PAVEMENT MARKING SHEETS |
| 31 | TRAFFIC SIGNAL GENERAL NOTES AND DETAILS |
| 32-40 | TRAFFIC SIGNAL SHEETS |
| 41-43 | BORING LOGS |

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NUMBER 42

| STD. NO. | DESCRIPTION |
|----------------------|---|
| 000001-04 | STANDARD SYMBOLS, ABBREVIATIONS, PATTERNS |
| 001006 | DECIMAL OF AN INCH AND OF A FOOT |
| 424001-04 | CURB RAMPS FOR SIDEWALKS |
| 442101-05 | CLASS B PATCHES |
| 701006-02 | OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE |
| 701306-01 | LANE CLOSURE, 2L, 2W SLOW MOVING OPERATIONS DAY ONLY |
| 701426-02 | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION |
| 701501-03 | URBAN LANE CLOSURE, 2L, 2W UNDIVIDED |
| 701502-01 | URBAN LANE CLOSURE, 2L, 2W WITH BIDIRECTIONAL LEFT TURN LANE |
| 701601-04 | URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIUM |
| 701602-02 | URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE |
| 701606-04 | URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIUM |
| 701701-04 | URBAN LANE CLOSURE, MULTILANE, INTERSECTION |
| 701801-03 | LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE |
| 702001-06 | TRAFFIC CONTROL DEVICES |
| 720001 | SIGN PANEL MOUNTING DETAILS |
| 720006 | SIGN PANEL ERECTION DETAILS |
| 720016-01 | MAST ARM MOUNTED STREET NAME SIGNS |
| 780001-01 | TYPICAL PAVEMENT MARKINGS |
| 781001-02 | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS |
| 805001 | ELECTRICAL SERVICE INSTALLATION DETAILS |
| 814001 | CONCRETE HANDHOLES |
| 814006 | DOUBLE HANDHOLES |
| 857001 | STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES |
| 873001 | TRAFFIC SIGNAL GROUNDING |
| 877001-02 | STEEL MAST ARM ASSEMBLY AND POLE |
| 877011-02 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE |
| 878001-04 | CONCRETE FOUNDATION DETAILS |
| 880006 | TRAFFIC SIGNAL MOUNTING DETAILS |
| 886006 | TRAFFIC LAYOUTS FOR DETECTION LOOPS |

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES
&
INDEX OF SHEETS**

SCALE: VERT. _____
HORIZ. _____
DATE _____ DRAWN BY _____
CHECKED BY _____

PLOT DATE = 5/19/2006
FILE NAME = #FILE#
SCALE = #SCALE#
USER NAME = #USER#

| | | | | |
|-------------------------|---------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 116 | | RICHLAND | 43 | 3 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| • (123Z, 124Z)TS-2,RS-3 | | | | |

SUMMARY OF QUANTITIES

| CODE NO | ITEM | UNIT | URBAN TOTAL QUANTITIES | CONSTRUCTION TYPE CODE | | | | |
|---------------------|--|------------------|------------------------|-------------------------------|-----------------------------|---------------------------------|---|----------------------|
| | | | | 1000 F 80% FED / 20% STATE | 1000 90% FED / 10% STATE | Y031-IF 90%-FED 10%-STATE | Y031-IF 90%-FED 5%-STATE 5%-CITY | Y031-IF 100%-CITY |
| 40600100 | BITUMINOUS MATERIALS (PRIME COAT) | GALLON | 3196 | 3196 | | | | |
| 40600300 | AGGREGATE (PRIME COAT) | TON | 64 | 64 | | | | |
| 40600895 | CONSTRUCTING TEST STRIP | EACH | 2 | 2 | | | | |
| 40600990 | TEMPORARY RAMP | SQ YD | 55 | 55 | | | | |
| 40600995 | TEMPORARY RAMP, SPECIAL | SQ YD | 232 | 232 | | | | |
| 42400100 | PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH | SQ FT | 995 | | 995 | | | |
| 42400800 | DETECTABLE WARNINGS | SQ FT | 85 | | 85 | | | |
| 44000006 | BITUMINOUS SURFACE REMOVAL 1 1/2" | SQ YD | 22555 | 22555 | | | | |
| 44000009 | BITUMINOUS SURFACE REMOVAL 3" | SQ YD | 13364 | 13364 | | | | |
| 44000500 | COMBINATION CURB AND GUTTER REMOVAL | FOOT | 357 | | 357 | | | |
| 44000600 | SIDEWALK REMOVAL | SQ FT | 435 | | 435 | | | |
| 44003510 | MEDIAN REMOVAL PARTIAL DEPTH | SQ FT | 12126 | | 12126 | | | |
| 44003800 | MEDIAN SURFACE REMOVAL | SQ FT | 502 | 502 | | | | |
| 44201827 | CLASS D PATCHES, TYPE II, 15 INCH | SQ YD | 170 | 170 | | | | |
| 44201831 | CLASS D PATCHES, TYPE III, 15 INCH | SQ YD | 48 | 48 | | | | |
| 44201833 | CLASS D PATCHES, TYPE IV, 15 INCH | SQ YD | 44 | 44 | | | | |
| 56109210 | WATER VALVES TO BE ADJUSTED | EACH | 2 | 2 | | | | |
| 60255500 | MANHOLES TO BE ADJUSTED | EACH | 13 | 13 | | | | |
| 60605100 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (ABUTTING EXISTING PAVEMENT) | FOOT | 66 | | 66 | | | |
| 66700205 | PERMANENT SURVEY MARKERS, TYPE I | EACH | 4 | 4 | | | | |
| 67000500 | ENGINEER'S FIELD OFFICE, TYPE B | CAL MO | 6 | 6 | | | | |
| 67100100 | MOBILIZATION | L SUM | 1 | 1 | | | | |
| 70100330 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701426 | L SUM | 1 | 1 | | | | |
| 70100460 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701306 | L SUM | 1 | 1 | | | | |
| 70102620 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 | L SUM | 1 | 1 | | | | |
| 70102622 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701502 | L SUM | 1 | 1 | | | | |
| 70102625 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701606 | L SUM | 1 | 1 | | | | |
| 70102630 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701601 | L SUM | 1 | 1 | | | | |
| 70102632 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701602 | L SUM | 1 | 1 | | | | |
| 70102635 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 | L SUM | 1 | 1 | | | | |
| 70102640 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701801 | L SUM | 1 | 1 | | | | |
| 70300100 | SHORT-TERM PAVEMENT MARKING | FOOT | 13840 | 13840 | | | | |
| 70300210 | TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ FT | 1003 | 1003 | | | | |
| 70300220 | TEMPORARY PAVEMENT MARKING - LINE 4" | FOOT | 12933 | 12933 | | | | |

5/19/2006 c:\projects\74161\d03406pa.dgn

PLOT DATE = 5/19/2006
FILE NAME = 03406
PLOT SCALE = 1/8"=1'-0"
USER NAME = dtrist

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT. _____
HORIZ. _____

DATE _____

DRAWN BY _____
CHECKED BY _____

Rev.

| | | | | |
|-------------------------|----------|------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 116 | * | RICHLAND | 43 | 4 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| * (123Z, 124Z)TS-2,RS-3 | | | | |

SUMMARY OF QUANTITIES

HSIP

| CODE NO | ITEM | UNIT | URBAN TOTAL QUANTITIES | CONSTRUCTION TYPE CODE | | | | |
|----------|---|-------|------------------------|------------------------------|----------------------------|---------------------------------|---|----------------------|
| | | | | 1000 F 80% FED./20% STATE | 1000 90% FED./10% STATE | Y031-IF 90%-FED 10%-STATE | Y031-IF 90%-FED 5%-STATE 5%-CITY | Y031-IF 100%-CITY |
| 70300240 | TEMPORARY PAVEMENT MARKING - LINE 6" | FOOT | 4501 | 4501 | | | | |
| 70300260 | TEMPORARY PAVEMENT MARKING - LINE 12" | FOOT | 143 | 143 | | | | |
| 70300280 | TEMPORARY PAVEMENT MARKING - LINE 24" | FOOT | 395 | 395 | | | | |
| 70301000 | WORK ZONE PAVEMENT MARKING REMOVAL | SQ FT | 4614 | 4614 | | | | |
| 72000200 | SIGN PANEL - TYPE 2 | SQ FT | 128 | | 40 | 88 | | |
| 78000100 | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ FT | 920 | | 920 | | | |
| 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | FOOT | 12933 | | 12933 | | | |
| 78000400 | THERMOPLASTIC PAVEMENT MARKING - LINE 6" | FOOT | 4226 | | 4226 | | | |
| 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12" | FOOT | 143 | | 143 | | | |
| 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24" | FOOT | 357 | | 357 | | | |
| 78005100 | EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ FT | 83 | | 83 | | | |
| 78005130 | EPOXY PAVEMENT MARKING - LINE 6" | FOOT | 275 | | 275 | | | |
| 78005180 | EPOXY PAVEMENT MARKING - LINE 24" | FOOT | 38 | | 38 | | | |
| 78100100 | RAISED REFLECTIVE PAVEMENT MARKER | EACH | 541 | | 541 | | | |
| 78300100 | PAVEMENT MARKING REMOVAL | SQ FT | 2269 | 2269 | | | | |
| 80500200 | SERVICE INSTALLATION, TYPE B | EACH | 2 | | | 1 | 1 | |
| 80802000 | WOOD POLE, 35 FT., CLASS 3 | EACH | 1 | | | 1 | | |
| 81012400 | CONDUIT IN TRENCH, 1 1/4" DIA., PVC | FOOT | 86 | | | | 86 | |
| 81012600 | CONDUIT IN TRENCH, 2" DIA., PVC | FOOT | 341 | | | 214 | 127 | |
| 81013000 | CONDUIT IN TRENCH, 4" DIA., PVC | FOOT | 109 | | | 109 | | |
| 81021590 | CONDUIT, AUGERED 4" DIA., PVC | FOOT | 254 | | | 254 | | |
| 81100600 | CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL | FOOT | 20 | | | 20 | | |
| 81400100 | HANDHOLE | EACH | 5 | | | 5 | | |
| 81400300 | DOUBLE HANDHOLE | EACH | 1 | | | 1 | | |
| 81500200 | TRENCH AND BACKFILL FOR ELECTRICAL WORK | FOOT | 530 | | | 323 | 207 | |
| 81702450 | ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10 | FOOT | 1146 | | | | | 1146 |
| 82103250 | LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT | EACH | 5 | | | | | 5 |
| 84200500 | REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE | EACH | 2 | | | 2 | | |
| 84200700 | LIGHTING FOUNDATION REMOVAL | EACH | 2 | | | 2 | | |
| 85700200 | FULL-ACTUATED CONTROLLER AND TYPE IV CABINET | EACH | 1 | | | 1 | | |
| 87301225 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | FOOT | 602 | | | | 602 | |
| 87301245 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 3454 | | | 1165 | 2289 | |

*

* SPECIALTY ITEMS

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT. DATE
HORIZ. DATE

DRAWN BY
CHECKED BY

5/19/2006
c:\projects\74161\1d03406pa.dgn

PLOT DATE = 5/19/2006
PLOT SCALE = AS SHOWN
USER NAME = district

| | | | | |
|-------------------------|----------|------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 116 | . | RICHLAND | 43 | 5 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| * (123Z, 124Z)TS-2,RS-3 | | | | |

SUMMARY OF QUANTITIES

| SUMMARY OF QUANTITIES | | | URBAN TOTAL QUANTITIES | CONSTRUCTION TYPE CODE | | | | |
|-----------------------|---|------|------------------------|------------------------------|----------------------------|---------------------------------|---|----------------------|
| CODE NO | ITEM | UNIT | | 1000 F 80% FED./20% STATE | 1000 90% FED./10% STATE | Y031-IF 90%-FED 10%-STATE | Y031-IF 90%-FED 5%-STATE 5%-CITY | Y031-IF 100%-CITY |
| 87301255 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 4072 | | | 2776 | 1296 | |
| 87301305 | ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR | FOOT | 527 | | | | 527 | |
| 87301805 | ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C | FOOT | 14 | | | 14 | | |
| 87502660 | TRAFFIC SIGNAL POST, ALUMINUM 12 FT. | EACH | 5 | | | 3 | 2 | |
| 87502680 | TRAFFIC SIGNAL POST, ALUMINUM 14 FT. | EACH | 1 | | | | 1 | |
| 87502700 | TRAFFIC SIGNAL POST, ALUMINUM 16 FT. | EACH | 5 | | | 3 | 2 | |
| 87502720 | TRAFFIC SIGNAL POST, ALUMINUM 18 FT. | EACH | 2 | | | 1 | 1 | |
| 87700170 | STEEL MAST ARM ASSEMBLY AND POLE, 26 FT. | EACH | 1 | | | | 1 | |
| 87700200 | STEEL MAST ARM ASSEMBLY AND POLE, 32 FT. | EACH | 1 | | | | 1 | |
| 87700230 | STEEL MAST ARM ASSEMBLY AND POLE, 38 FT. | EACH | 1 | | | | 1 | |
| 87700240 | STEEL MAST ARM ASSEMBLY AND POLE, 40 FT. | EACH | 2 | | | | 2 | |
| 87702920 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT. | EACH | 2 | | | 1 | 1 | |
| 87702950 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT. | EACH | 2 | | | 2 | | |
| 87702960 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT. | EACH | 1 | | | 1 | | |
| 87800115 | CONCRETE FOUNDATION, TYPE A | EACH | 33 | | | 21 | 12 | |
| 87800200 | CONCRETE FOUNDATION, TYPE D | FOOT | 3 | | | 3 | | |
| 87800400 | CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER | FOOT | 64 | | | 13.5 | 50.5 | |
| 87800415 | CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 65 | | | 39 | 26 | |
| 87900200 | DRILL EXISTING HANDHOLE | EACH | 13 | | | | 13 | |
| 88200410 | TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC | EACH | 50 | | | 20 | 30 | |
| 88500100 | INDUCTIVE LOOP DETECTOR | EACH | 2 | | | | 2 | |
| 88600100 | DETECTOR LOOP, TYPE I | FOOT | 1643 | | | | 1643 | |
| 88800100 | PEDESTRIAN PUSH-BUTTON | EACH | 14 | | | 8 | 6 | |
| 89502200 | MODIFY EXISTING CONTROLLER | EACH | 2 | | | | 2 | |
| 89502210 | MODIFY EXISTING CONTROLLER CABINET | EACH | 2 | | | | 2 | |
| 89502300 | REMOVE ELECTRIC CABLE FROM CONDUIT | FOOT | 4634 | | | | 4634 | |
| 89502375 | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 3 | | | 1 | 2 | |
| 89502380 | REMOVE EXISTING HANDHOLE | EACH | 12 | | | 12 | | |
| 89502385 | REMOVE EXISTING CONCRETE FOUNDATION | EACH | 15 | | | 9 | 6 | |
| X0320872 | VIDEO VEHICLE DETECTION SYSTEM | EACH | 1 | | | 1 | | |
| X4066528 | POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N90 | TON | 2685 | | 2685 | | | |
| X4066618 | BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N90 | TON | 2424 | | 2424 | | | |

* SPECIALTY ITEMS

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT. DATE
HORIZ.

DRAWN BY
CHECKED BY

5/19/2006
c:\projects\74161\dd03406pa.dgn

PLOT DATE = 5/19/2006
FILE NAME = #FILE#
PLOT SCALE = #SCALE#
USER NAME = #USER#

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|---------|----------|--------------|-----------|
| 116 | * | RICHLAND | 43 | 6 |

| | |
|---------------------|---------------------------|
| STA. | TO STA. |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT |

(123Z, 124Z)TS-2,RS-3

SUMMARY OF QUANTITIES

| SUMMARY OF QUANTITIES | | | URBAN TOTAL QUANTITIES | CONSTRUCTION TYPE CODE | | | | |
|-----------------------|--|-----------------|------------------------|------------------------------|------------------------------|---------------------------------|---|----------------------|
| CODE NO | ITEM | UNIT | | 1000 F 80% FED./20% STATE | 1000 I 90% FED./10% STATE | Y031-IF 90%-FED 10%-STATE | Y031-IF 90%-FED 5%-STATE 5%-CITY | Y031-IF 100%-CITY |
| X4080030 | INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE, N70 | TON | 439 | 439 | | | | |
| X7012020 | TRAFFIC CONTROL AND PROTECTION, STANDARD 101501 | EACH | | | | | | |
| X8730027 | ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C | FOOT | 1613 | | | 727 | 886 | |
| X8801300 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 2 | | | | 2 | |
| X8801310 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED | EACH | 23 | | | 7 | 16 | |
| X8801400 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED | EACH | 9 | | | 5 | 4 | |
| X8801437 | SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED | EACH | 7 | | | 3 | 4 | |
| X8801447 | SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED | EACH | 1 | | | 1 | | |
| X8810395 | PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED | EACH | 4 | | | | 4 | |
| X8810495 | PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED | EACH | 5 | | | 4 | 1 | |

* {

* SPECIALTY ITEMS

Rev.

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

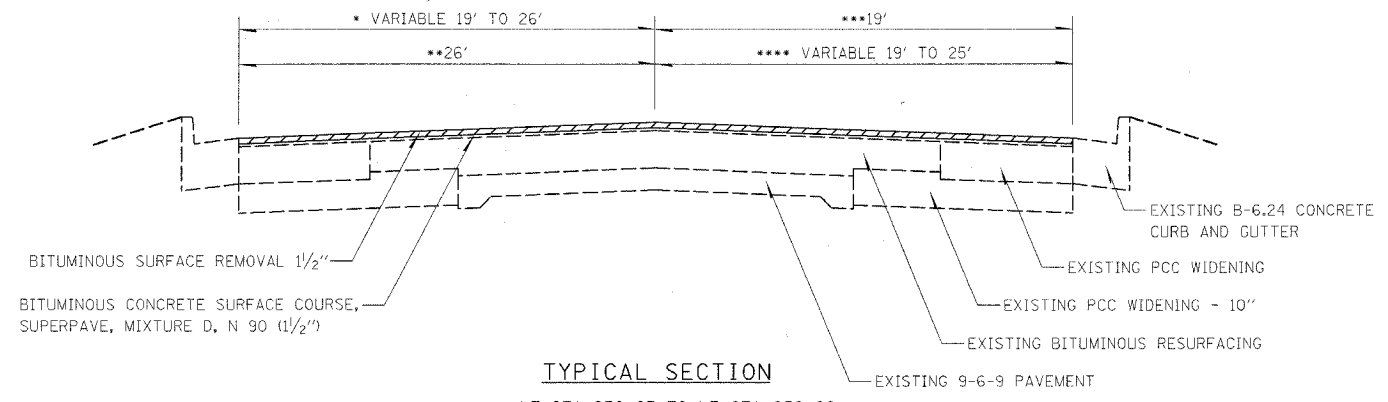
SCALE: VERT. DATE
HORIZ.

DRAWN BY
CHECKED BY

5/19/2006
c:\projects\74161\103406pa.dgn

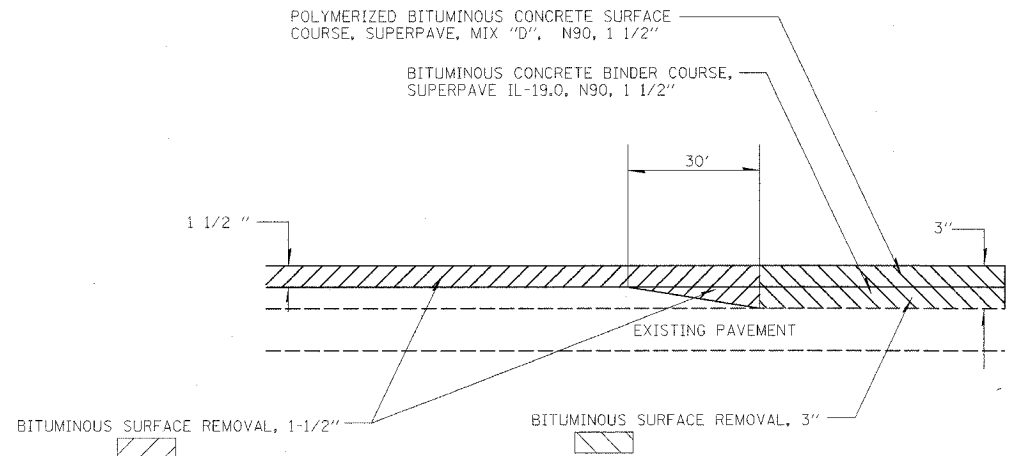
PLOT DATE = 5/19/2006
PLOT SCALE = *SCALE*
USER NAME = dxyprct

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------|---------|---------------------------|--------------|-----------|
| 116 | | RICHLAND | 43 | 7 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| • (123Z, 124Z)TS-2,RS-3 | | | | |



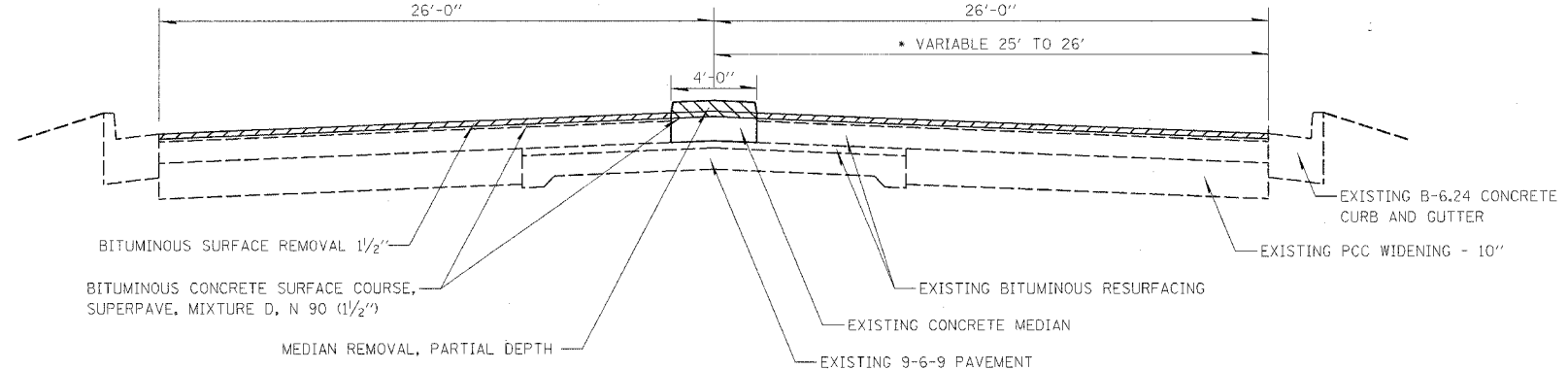
TYPICAL SECTION

- *LT STA 976+67 TO LT STA 979+92
- **LT STA 979+92 TO LT STA 980+65
- ***RT STA 976+67 TO RT STA 977+75
- ****RT STA 977+75 TO RT STA 980+65



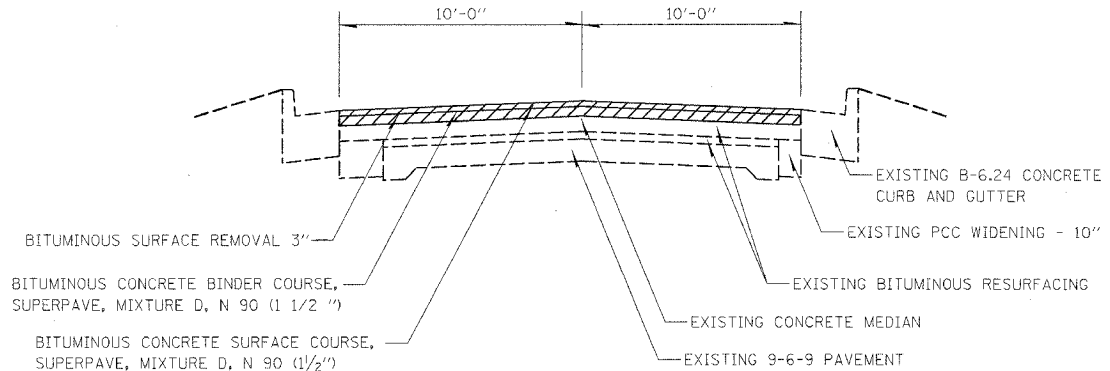
BITUMINOUS SURFACE REMOVAL TRANSITION SECTION

STA 1008+10 TO STA 1008+40



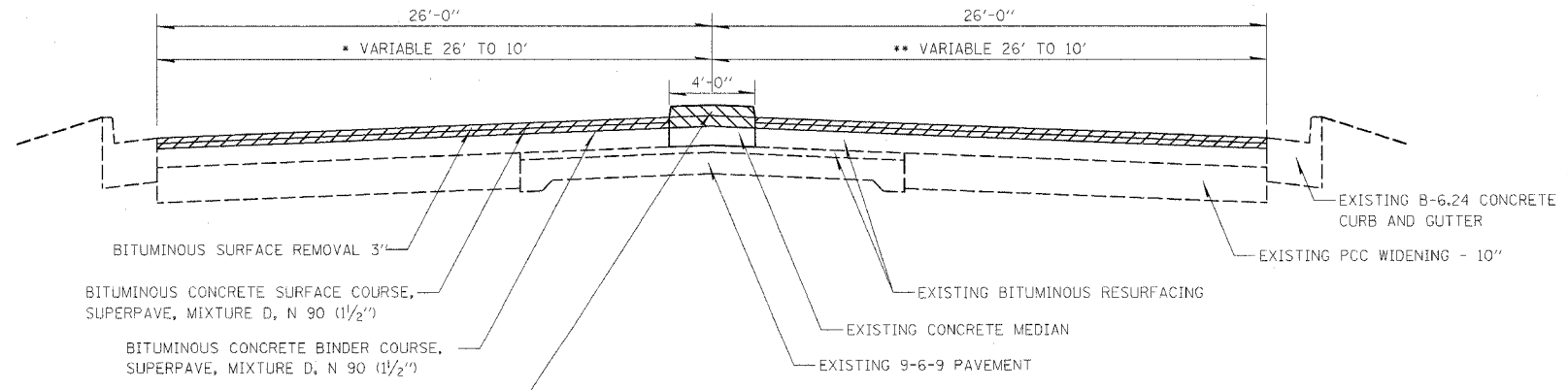
TYPICAL SECTION

- LT STA 980+65 TO LT STA 1008+40
- *RT STA 980+65 TO RT STA 981+14
- RT STA 981+14 TO RT STA 1008+40



TYPICAL SECTION

- LT STA 20+73 TO LT STA 21+31
- RT STA 20+62 TO RT STA 21+31



TYPICAL SECTION

- RT & LT STA 1008+40 TO RT & LT STA 1016+90.51
- RT & LT STA EQ 1016+90.51 BK = 4+27.49 AH
- RT & LT STA 4+27.49 TO RT & LT STA 16+56
- LT STA 16+56 TO LT STA 18+46
- *LT STA 18+46 TO LT STA 20+73
- **RT STA 16+56 TO RT STA 20+62

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: VERT. HORIZ.
DATE

DRAWN BY
CHECKED BY

5/19/2006
c:\proj\ts\74161\d\03406pa.dgn

PLOT DATE = 5/19/2006
FILE NAME = #FILE#
PLOT SCALE = #SCALE#
USER NAME = #DISTRICT#

5/19/2006
c:\proj-cts\74161\03406pa.dgn

CONTRACT NO. 74161

| | | | | |
|-------------------------|---------------------------|----------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 116 | * | RICHLAND | 43 | 8 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |
| * (123Z, 124Z)TS-2,RS-3 | | | | |

PAVEMENT MARKING SCHEDULE

| STATION TO STATION | LENGTH | SHORT-TERM PAVEMENT MARKING | TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS | TEMPORARY PAVEMENT MARKING - 4" | TEMPORARY PAVEMENT MARKING - 6" | TEMPORARY PAVEMENT MARKING - 12" | TEMPORARY PAVEMENT MARKING - 24" | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS | THERMOPLASTIC PAVEMENT MARKING - 4" | THERMOPLASTIC PAVEMENT MARKING - 6" | THERMOPLASTIC PAVEMENT MARKING - 12" | THERMOPLASTIC PAVEMENT MARKING - 24" | EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS | EPOXY PAVEMENT MARKING - 6" | EPOXY PAVEMENT MARKING - 24" | RAISED REFLECTIVE PAVEMENT MARKERS | |
|-----------------------|---------|-----------------------------|--|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--|-------------------------------------|-------------------------------------|--------------------------------------|--------------------------------------|--|-----------------------------|------------------------------|------------------------------------|--------|
| | | | | | | | | | | | | | | | | | LIN FT |
| IL 130 | | | | | | | | | | | | | | | | | |
| 976+67 TO 984+35 | 768 | 972 | 156 | 1840 | 255.5 | | 42 | 156 | 1840 | 255.5 | | 42 | | | | | 52 |
| 985+40 TO 1012+15 | 2675 | 3495 | 405.6 | 4172.5 | 1637.5 | | 81 | 405.6 | 4172.5 | 1637.5 | | 81 | | | | | 212 |
| 1013+26 TO 1016+90.51 | 364.51 | 1413 | 62.4 | 831.28 | 490.66 | | 48 | 62.4 | 831.28 | 490.66 | | 48 | | | | | 34 |
| 4+27.49 TO 14+55 | 1027.51 | 2013 | 156 | 2488.78 | 613.76 | | 32 | 156 | 2488.78 | 613.76 | | 32 | | | | | 83 |
| 15+32 TO 20+58 | 526 | 2032 | 46.36 | 1693 | 291.5 | 90 | 32 | 46.36 | 1693 | 291.5 | 90 | 32 | | | | | 39 |
| 20+58 TO 21+31 | 73 | 23 | | | | | | | | | | | | | | | 2 |
| TOTALS- IL 130 | 5434 | 9948 | 826.36 | 11026 | 3412 | 90 | 235 | 826.36 | 11026 | 3412 | 90 | 235 | | | | | 422 |
| IL 250 | | | | | | | | | | | | | | | | | |
| 96+59 TO 99+52.5 | 293.5 | 1275 | 31.2 | 770 | 389.5 | 29 | 42 | 31.2 | 770 | 389.5 | 29 | 42 | | | | | 20 |
| 100+68 TO 104+68 | 400 | 2244 | 62.4 | 1137 | 424 | 24 | 48 | 62.4 | 1137 | 424 | 24 | 48 | | | | | 99 |
| TOTALS- IL 250 | 693.5 | 3519 | 93.6 | 1907 | 813.5 | 53 | 90 | 93.6 | 1907 | 813.5 | 53 | 90 | | | | | 119 |
| PARKER ST | | | | | | | | | | | | | | | | | |
| EB 98+53 TO 99+54 | 101 | 276 | 83 | | 100 | | 38 | | | | | | 83 | 100 | 38 | | |
| WB 100+61 TO 100+67 | 6 | | | | 175.4 | | | | | | | | | 175.4 | | | |
| TOTALS- PARKER ST | 107 | 276 | 83 | | 275.4 | | 38 | | | | | | 83 | 275.4 | 38 | | |
| NORTH ST | | | | | | | | | | | | | | | | | |
| EB 99+54 | | 37 | | | | | 12.3 | | | | | 12.3 | | | | | |
| WB 100+46 | | 60 | | | | | 20 | | | | | 20 | | | | | |
| TOTALS- NORTH ST | | 97 | | | | | 32.3 | | | | | 32.3 | | | | | |
| GRAND TOTALS | 6234.5 | 13840 | 1003 | 12933 | 4501 | 143 | 395 | 920 | 12933 | 4226 | 143 | 357 | 83 | 275 | 38 | | 541 |

STRUCTURES TO BE ADJUSTED

| STATION | OFFSET | TYPE | QUANTITY |
|-----------------------------------|--------|-------------|----------|
| 977+86.61 | 18' LT | MANHOLE | 1 |
| 980+21.76 | 20' LT | MANHOLE | 1 |
| 980+42.33 | 24' LT | MANHOLE | 1 |
| 984+85.34 | 20' LT | MANHOLE | 1 |
| 985+23.85 | 34' RT | MANHOLE | 1 |
| 1002+20.91 | 16' RT | MANHOLE | 1 |
| 1002+64.15 | 12' RT | MANHOLE | 1 |
| 1009+15.68 | 35' RT | MANHOLE | 1 |
| 1009+35.08 | 55' RT | MANHOLE | 1 |
| 1011+93.08 | 12' LT | MANHOLE | 1 |
| 1012+69.47 | 23' LT | MANHOLE | 1 |
| 1013+00.28 | 20' LT | MANHOLE | 1 |
| 7+08.16 R 2 | 0' LT | MANHOLE | 1 |
| 14+80.52 R 2 | 38' RT | WATER VALVE | 1 |
| 14+83.86 R 2 | 41' RT | WATER VALVE | 1 |
| TOTAL MANHOLES TO BE ADJUSTED | | | 13 |
| TOTAL WATER VALVES TO BE ADJUSTED | | | 2 |

PAVING SCHEDULE

| STATION TO STATION | LENGTH | EXISTING PAVEMENT WIDTH | AREA | BITUMINOUS MATERIALS (PRIME COAT) | AGGREGATE (PRIME COAT) | POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N 90 | BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N90 | BITUMINOUS SURFACE REMOVAL 1/2" | BITUMINOUS SURFACE REMOVAL 3" | TEMPORARY RAMP | TEMPORARY RAMP (SPECIAL) |
|-----------------------|---------|-------------------------|---------|-----------------------------------|------------------------|--|--|---------------------------------|-------------------------------|----------------|--------------------------|
| | | | | | | | | | | | |
| NORTHBOUND | | | | | | | | | | | |
| 976+67 to 979+92 | 325 | 19-26 | 812.50 | 81.25 | 1.6 | 68.3 | | 812.5 | | 10.6 | |
| 979+92 to 1008+40 | 2848 | 26 | 8227.56 | 822.76 | 16.5 | 691.1 | | 8361.4 | | | 20.6 |
| 1008+40 to 1016+90.51 | 850.51 | 26 | 2457.03 | 245.70 | 4.9 | 206.4 | 206.4 | 1986.3 | 2449.8 | | 23.1 |
| 4+27.49 to 18+48 | 1420.51 | 26 | 4103.70 | 410.37 | 8.2 | 344.7 | 344.7 | 63.5 | 3844.1 | | |
| 18+48 to 20+73 | 225 | 26-10 | 450.00 | 45.00 | 0.9 | 37.8 | 37.8 | | 459.2 | | 5.6 |
| 20+73 to 21+31 | 58 | 10 | 64.44 | 6.44 | 0.1 | 5.4 | 5.4 | 64.4 | | 16.7 | |
| SOUTHBOUND | | | | | | | | | | | |
| 976+67 to 977+75 | 108 | 19 | 228.00 | 22.80 | 0.5 | 19.2 | | 228.0 | | 10.6 | |
| 977+75 to 981+14 | 339 | 19-26 | 847.50 | 84.75 | 1.7 | 71.2 | | 8393.5 | | | |
| 981+14 to 1008+40 | 2726 | 26 | 7875.11 | 787.51 | 15.8 | 661.5 | | 318.8 | | | 10.9 |
| 1008+40 to 1016+90.51 | 850.51 | 26 | 2457.03 | 245.70 | 4.9 | 206.4 | 1456.3 | 2081.3 | 2449.8 | | 22.6 |
| 4+27.49 to 16+56 | 1228.51 | 26 | 3549.03 | 354.90 | 7.1 | 298.1 | 298.1 | 309.92 | 3332.05 | | 17.1 |
| 16+56 to 20+62 | 406 | 26-10 | 812.00 | 81.20 | 1.6 | 68.2 | 68.2 | | 687.9 | | |
| 20+62 to 21+31 | 69 | 10 | 76.67 | 7.67 | 0.2 | 6.4 | 6.4 | 76.67 | | 16.7 | |
| TOTALS | | | | 3196 | 64 | 2685 | 2424 | 22555 | 13364 | 55 | 100 |

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULES

SCALE: VERT. _____
HORIZ. _____

DATE _____

DRAWN BY _____
CHECKED BY _____

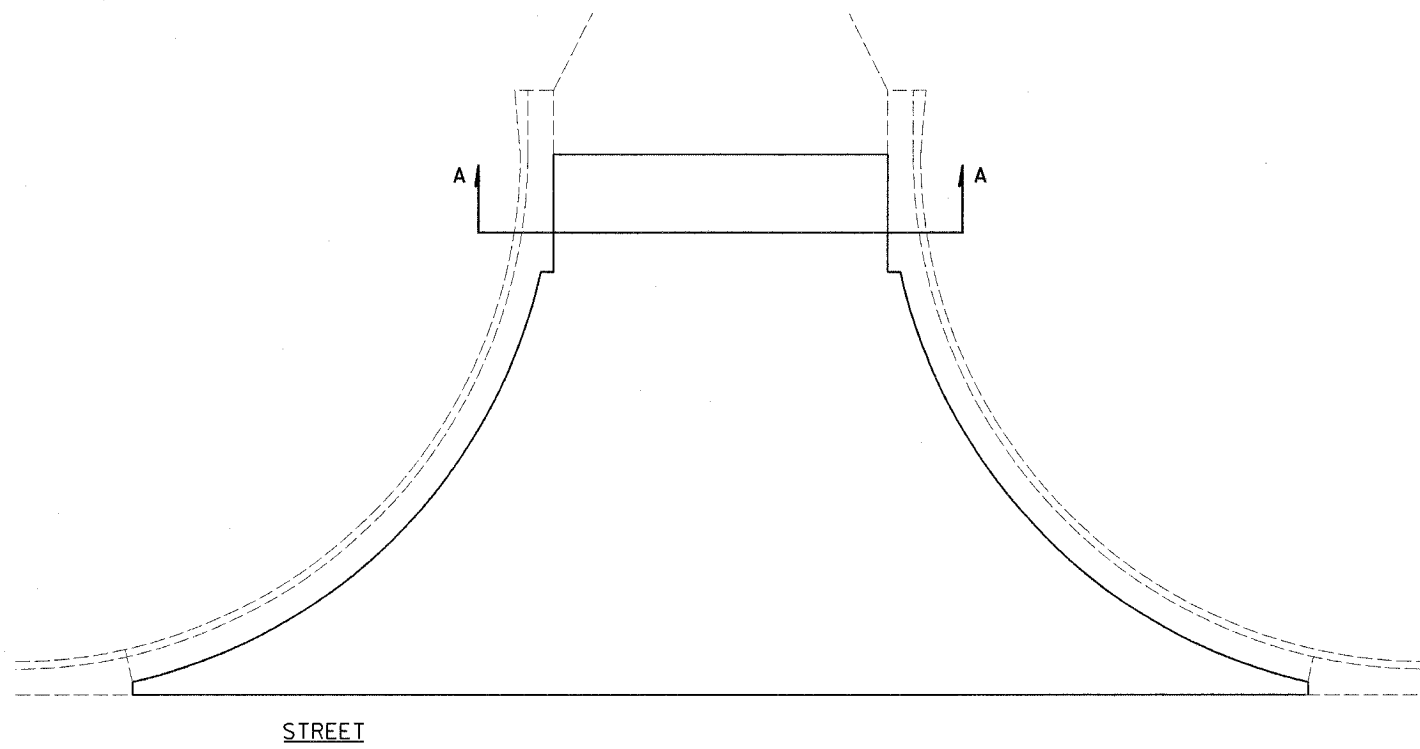
PLOT DATE = 5/19/2006
FILE NAME = 74161.dgn
PLOT SCALE = 1/4"=1'-0"
USER NAME = dlsrjct

5/19/2006
 c:\projects\74161\d\03406pa.dgn

CONTRACT NO. 74161

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------|---------|----------|------------------|-----------|
| 116 | * | RICHLAND | 43 | 9 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |
| * (123Z, 124Z)TS-2,RS-3 | | | | |

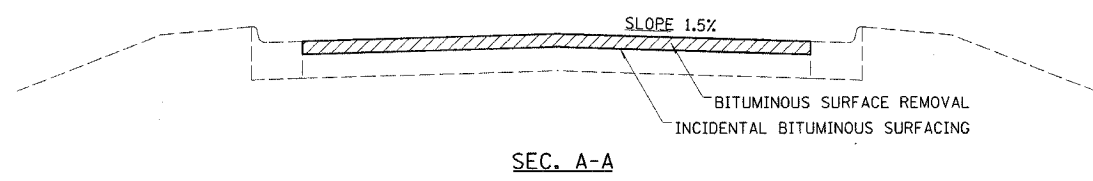
TYPICAL ENTRANCE SCHEDULE



| SIDE | STATION | TYPE | INCIDENTAL BITUMINOUS SURFACING | BITUMINOUS SURFACE REMOVAL, 1/2" |
|-------|---------|------|---------------------------------|----------------------------------|
| | | | TON | SQ YD |
| LT | 995+14 | PRA | 9.49 | 112.94 |
| LT | 1002+53 | PRA | 9.77 | 116.37 |
| RT | 1002+53 | PRA | 8.06 | 95.96 |
| LT | 1006+16 | PRA | 19.64 | 222.88 |
| RT | 1005+89 | PRA | 18.72 | 233.87 |
| LT | 1008+76 | PRA | 6.91 | 82.31 |
| RT | 1009+30 | PRA | 18.23 | 216.99 |
| RT | 1012+68 | PRA | 147.07 | 1750.89 |
| LT | 1012+70 | PRA | 149.17 | 1775.80 |
| LT | 1015+72 | PRA | 10.77 | 128.16 |
| RT | 1015+72 | PRA | 9.53 | 113.42 |
| LT | 7+09 | PRA | 5.34 | 63.53 |
| RT | 7+09 | PRA | 8.45 | 100.55 |
| RT | 11+09 | PRA | 8.23 | 97.95 |
| RT | 14+95 | PRA | 9.36 | 111.42 |
| TOTAL | | | 439 | 5223.0 |

FE - FIELD ENTRANCE PRA - PUBLIC ROAD APPROACH
 PE - PRIVATE ENTRANCE MBT - MAILBOX TURNOUT
 CE - COMMERCIAL ENTRANCE

*BITUMINOUS MATERIALS AND AGGREGATE (PRIME COAT) FOR ENTRANCES AND PUBLIC ROAD APPROACHES SHALL BE CONSIDERED INCIDENTAL TO INCIDENTAL BITUMINOUS SURFACING AS NOTED IN THE SPECIAL PROVISIONS



| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

ENTRANCE SCHEDULE

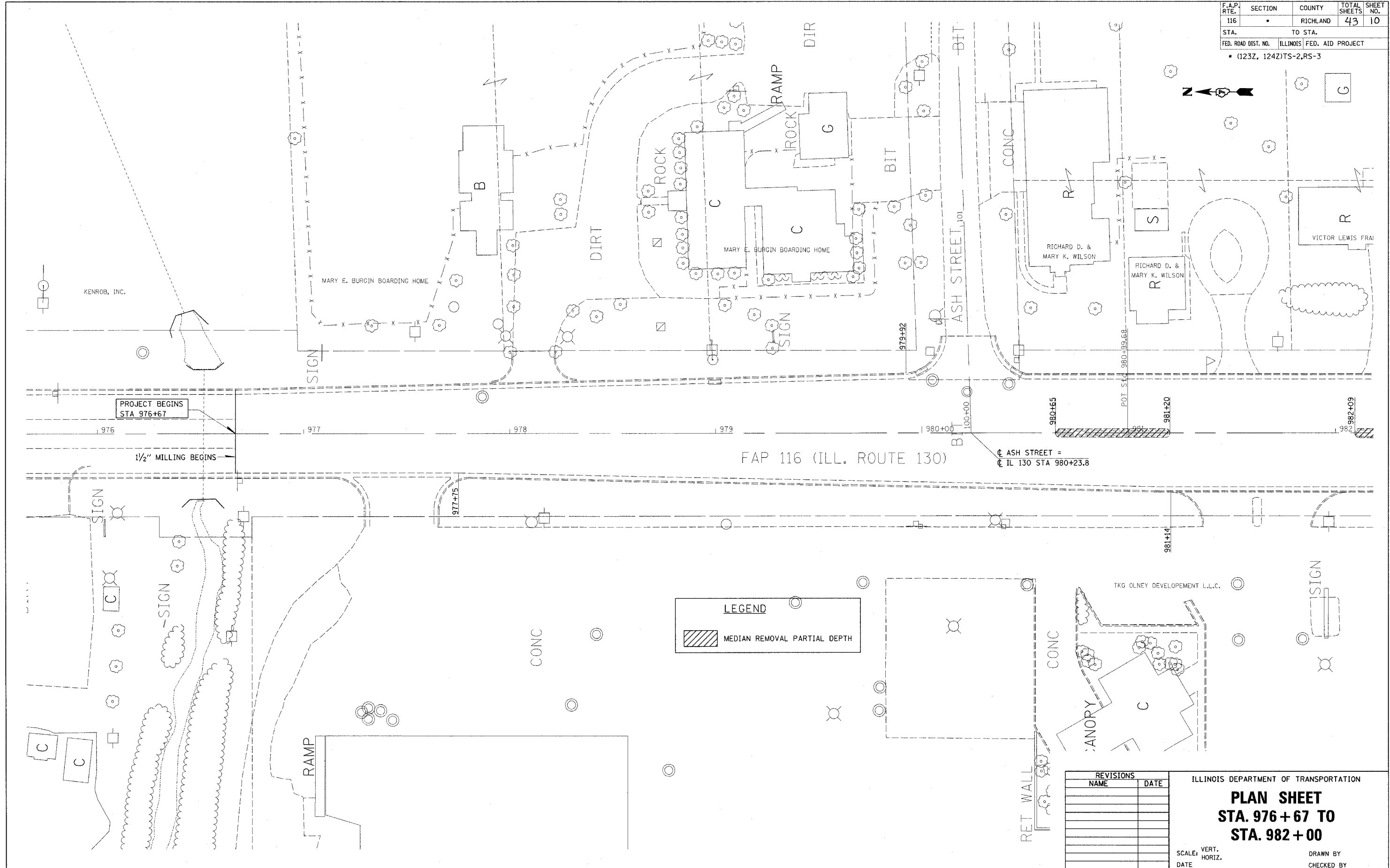
SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

PLOT DATE = 5/19/2006
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

5/19/2006
 c:\projc\is\74161\d\03406pa.dgn

CONTRACT NO. 74161

| | | | | |
|-------------------------|---------------------------|----------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 116 | | RICHLAND | 43 | 10 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |
| • (123Z, 124Z)TS-2,RS-3 | | | | |



PROJECT BEGINS
 STA 976+67

1/2" MILLING BEGINS

FAP 116 (ILL. ROUTE 130)

ASH STREET =
 IL 130 STA 980+23.8

LEGEND

MEDIAN REMOVAL PARTIAL DEPTH

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN SHEET
STA. 976 + 67 TO
STA. 982 + 00

SCALE: VERT.
 HORIZ.
 DATE

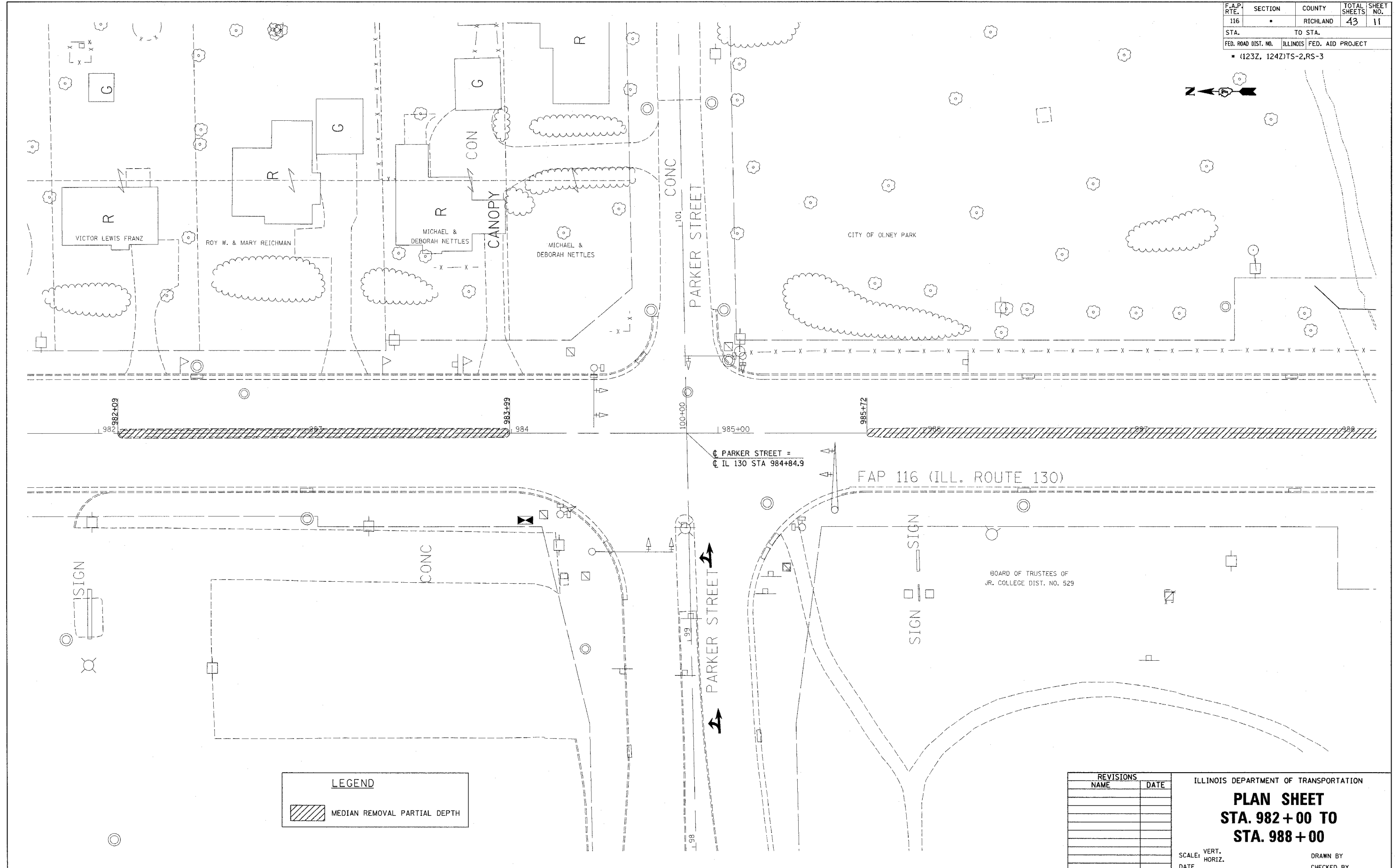
DRAWN BY
 CHECKED BY

PLOT DATE = 5/19/2006
 FILE NAME = *FILE*
 PLOT SCALE = *SCALE*
 USER NAME = *USER*

5/19/2006
 c:\projc\ts\74161\d\03406pa.dgn

CONTRACT NO. 74161

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------|---------|---------------------------|--------------|-----------|
| 116 | * | RICHLAND | 43 | 11 |
| STA. TO STA. | | | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| * (123Z, 124Z)TS-2,RS-3 | | | | |



| LEGEND | |
|--------|------------------------------|
| | MEDIAN REMOVAL PARTIAL DEPTH |

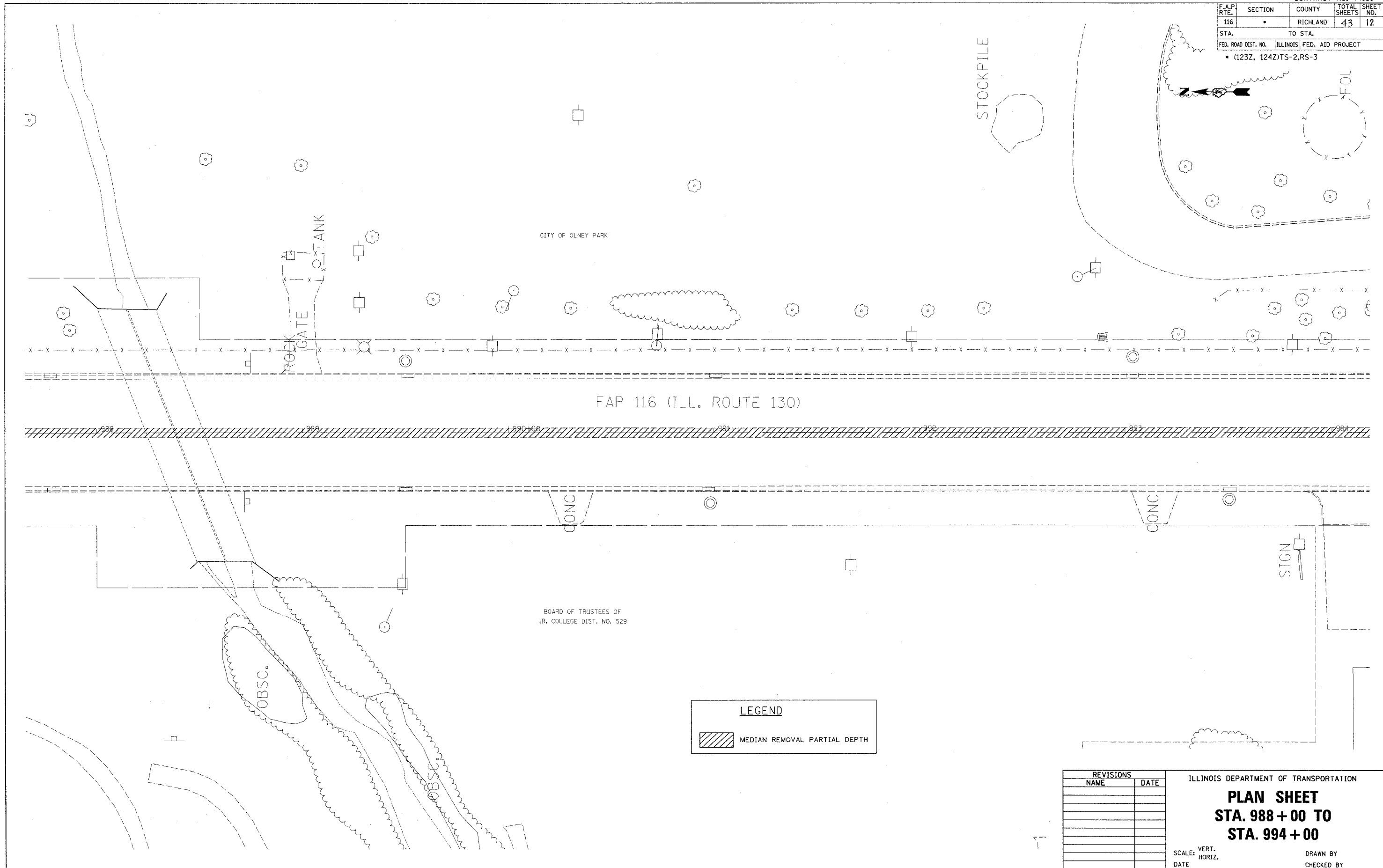
| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN SHEET
STA. 982 + 00 TO
STA. 988 + 00
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 5/19/2006
 FILE NAME = 03406pa.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = district

5/19/2006
 c:\projc-1s\74161d\03406pa.dgn

| | | | | |
|-------------------------|----------|------------------|--------------|-----------|
| CONTRACT NO. 74161 | | | | |
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 116 | . | RICHLAND | 43 | 12 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| • (123Z, 124Z)TS-2,RS-3 | | | | |



PLOT DATE = 5/19/2006
 PLOT SCALE = AS SHOWN
 USER NAME = dmspryt

| LEGEND | |
|--------|------------------------------|
| | MEDIAN REMOVAL PARTIAL DEPTH |

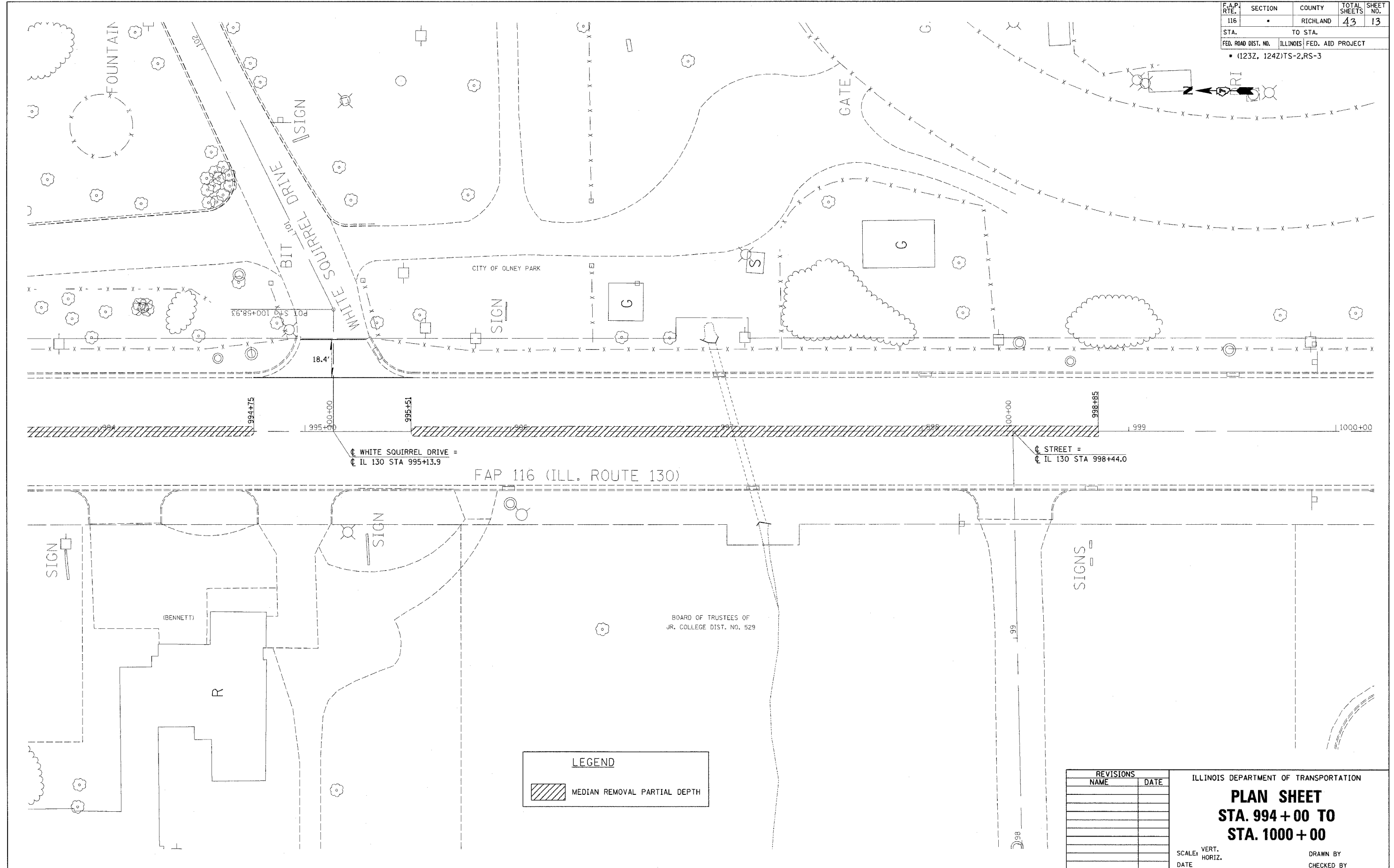
| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN SHEET
STA. 988 + 00 TO
STA. 994 + 00
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

5/19/2006
 c:\projc\is\74161d\03406pa.dgn

CONTRACT NO. 74161

| | | | | |
|-------------------------|----------|------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 116 | | RICHLAND | 43 | 13 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| * (123Z, 124Z)TS-2,RS-3 | | | | |



PLOT DATE = 5/19/2006
 FILE NAME = 03406pa.dgn
 PLOT SCALE = 1"=40'
 USER NAME = dstrout

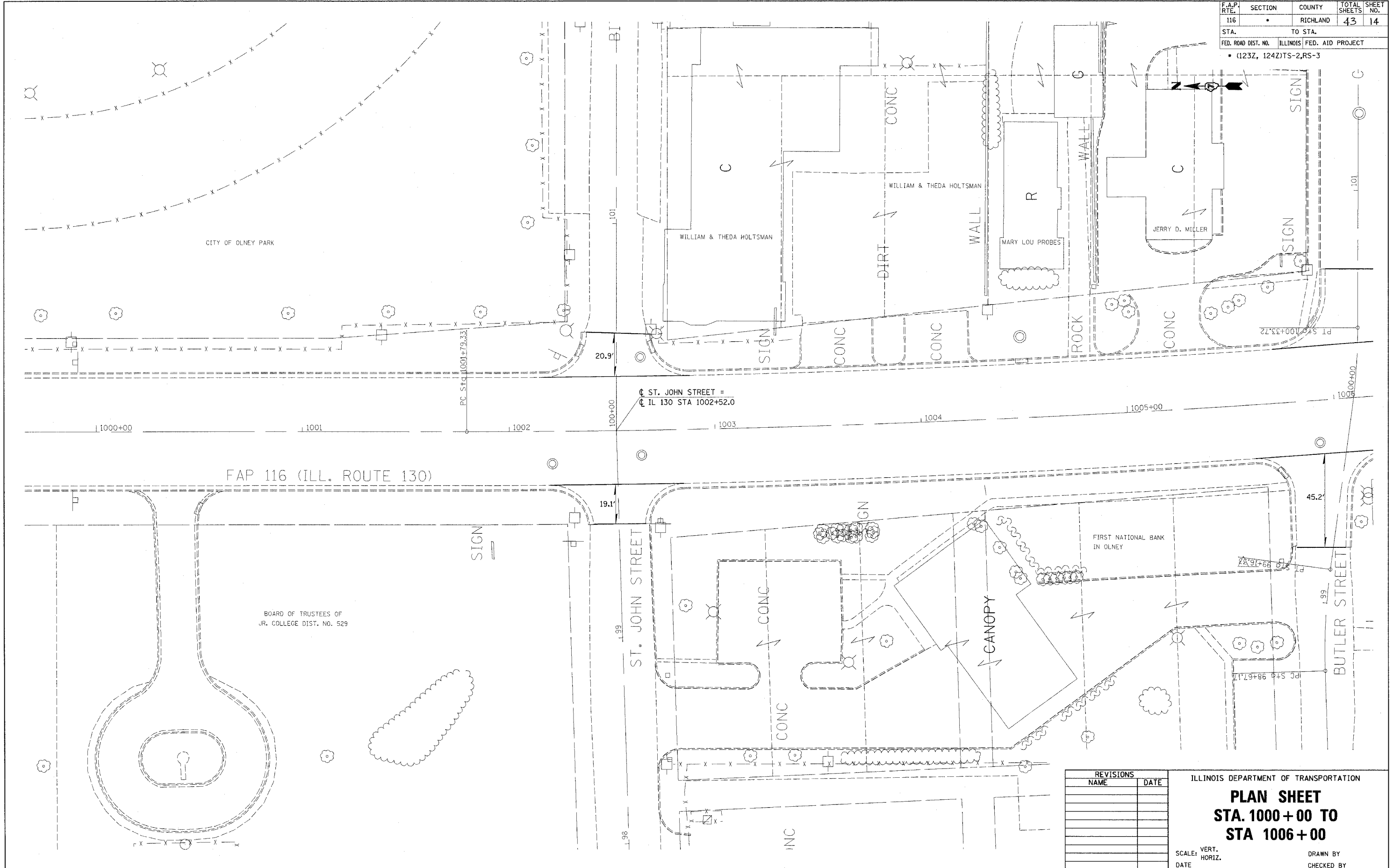
| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN SHEET
STA. 994 + 00 TO
STA. 1000 + 00
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____

5/19/2006
 c:\projc-ts\74161\d\03406pa.dgn

CONTRACT NO. 74161

| | | | | |
|-------------------------|---------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 116 | | RICHLAND | 43 | 14 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| • (123Z, 124Z)TS-2,RS-3 | | | | |



PLOT DATE = 5/19/2006
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #DISTRICT#

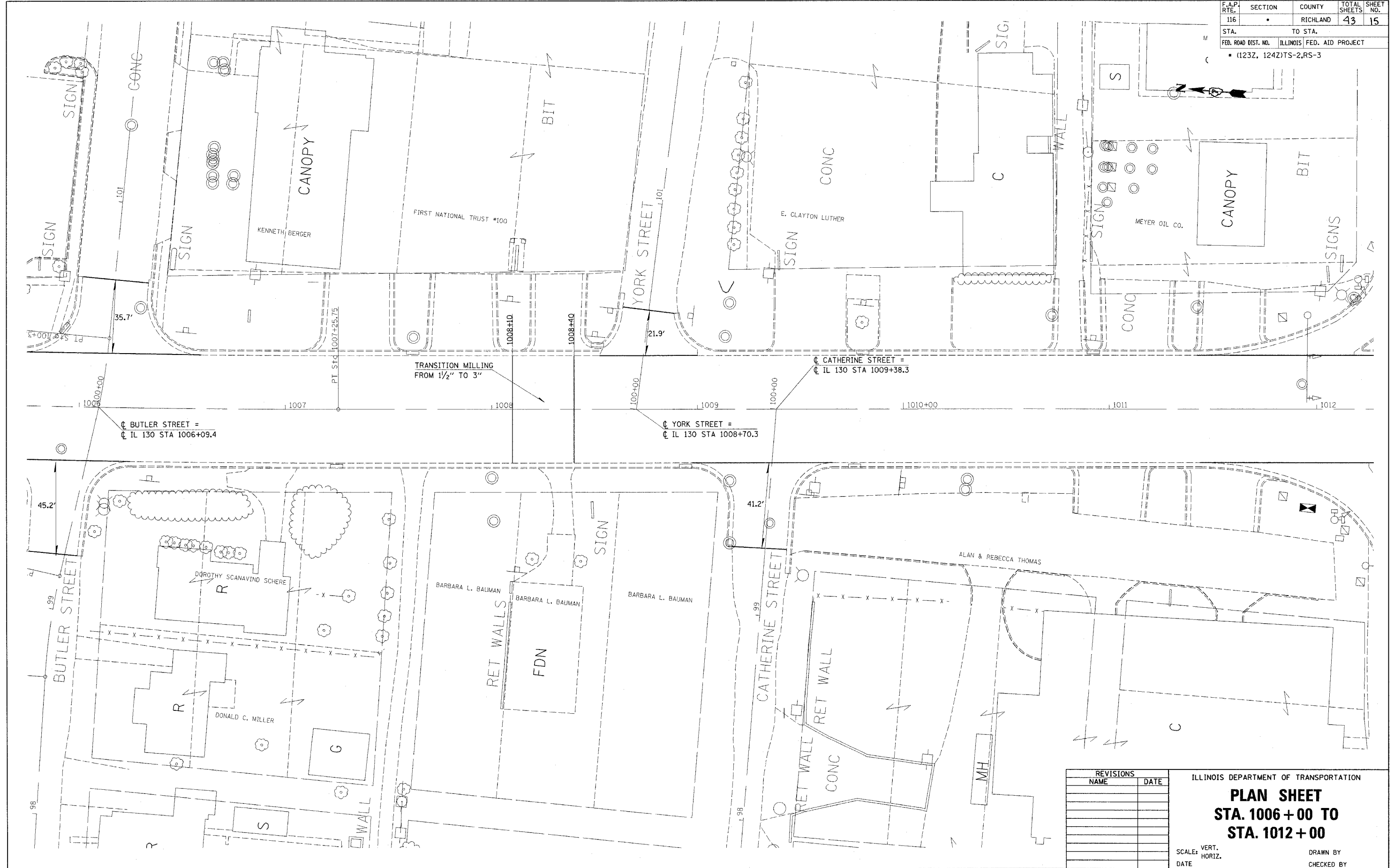
| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN SHEET
STA. 1000+00 TO
STA 1006+00
 SCALE: VERT. / HORIZ.
 DATE / DRAWN BY / CHECKED BY

5/19/2006
 c:\projc_1s\74161d\03406pa.dgn

CONTRACT NO. 74161

| | | | | |
|---|---------|----------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 116 | | RICHLAND | 43 | 15 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |
| • (123Z, 124Z)TS-2,RS-3 | | | | |



PLOT DATE = 5/19/2006
 FILE NAME = 03406pa.dgn
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = dster

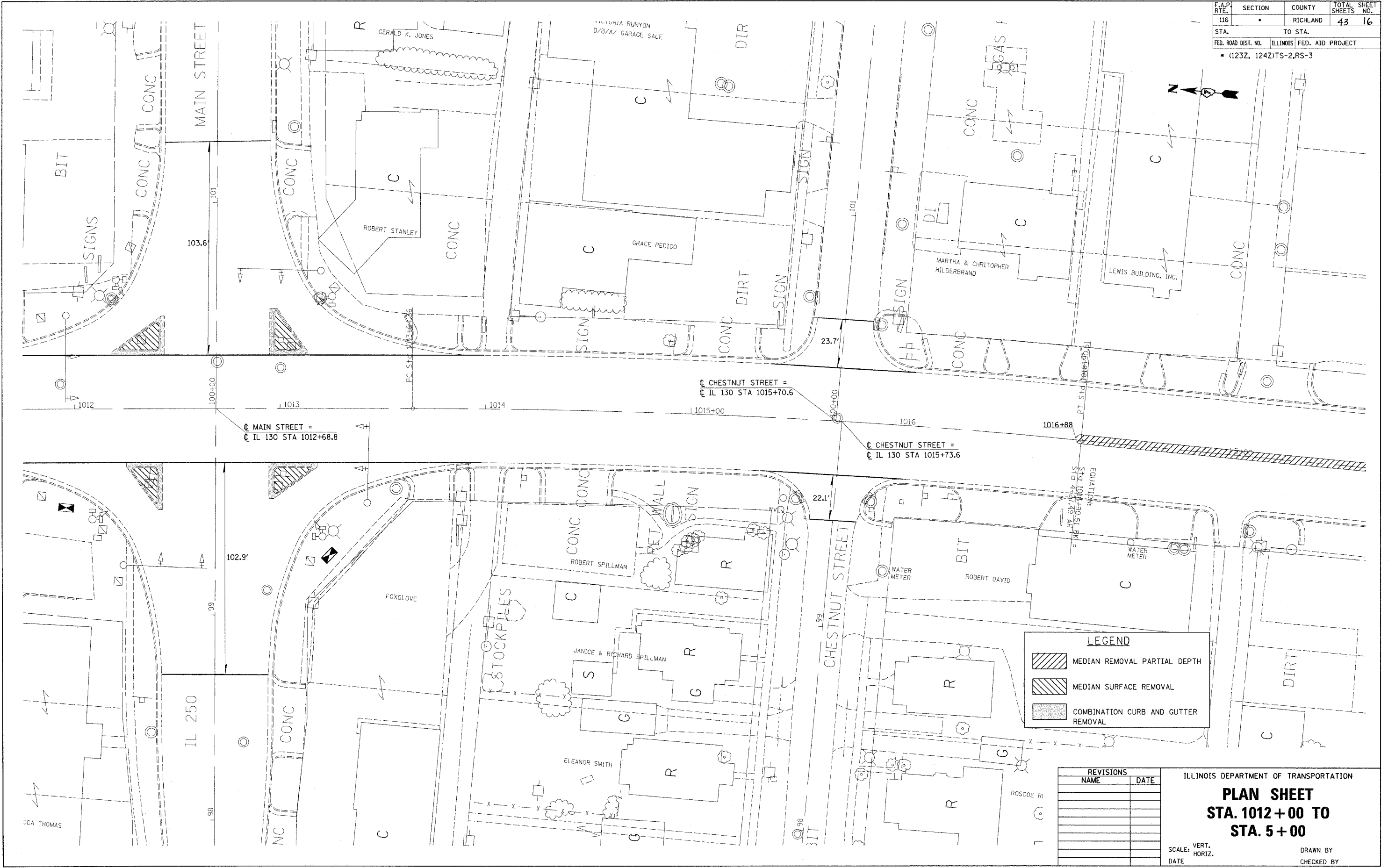
| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN SHEET
STA. 1006 + 00 TO
STA. 1012 + 00
 SCALE: VERT. DATE
 HORIZ. DRAWN BY
 CHECKED BY

5/19/2006
 c:\projc...s\74161d\03406pa.dgn

CONTRACT NO. 74161

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------|----------|------------------|--------------|-----------|
| 116 | | RICHLAND | 43 | 16 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| * (123Z, 124Z)TS-2,RS-3 | | | | |



LEGEND

| | |
|--|-------------------------------------|
| | MEDIAN REMOVAL PARTIAL DEPTH |
| | MEDIAN SURFACE REMOVAL |
| | COMBINATION CURB AND GUTTER REMOVAL |

REVISIONS

| NAME | DATE |
|------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN SHEET
STA. 1012+00 TO
STA. 5+00

SCALE: VERT. _____
 HORIZ. _____

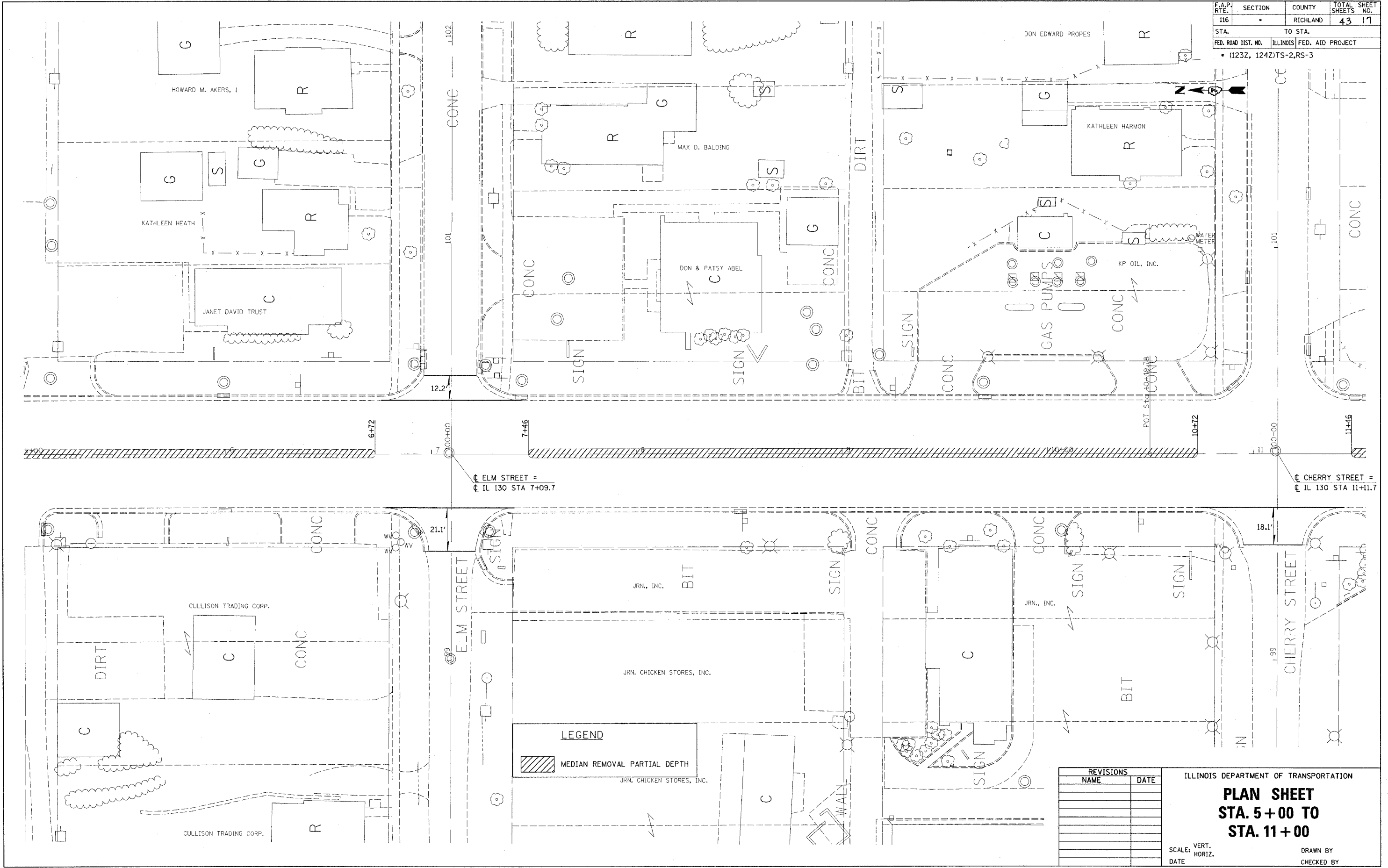
DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 5/19/2006
 PLOT SCALE = 1"=40'
 USER NAME = dstrat

5/19/2006
 c:\projec\174161\174161.d03406pa.dgn

CONTRACT NO. 74161

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------|---------|---------------------------|--------------|-----------|
| 116 | | RICHLAND | 43 | 17 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| * (123Z, 124Z)TS-2,RS-3 | | | | |



PLOT DATE = 5/19/2006
 PLOT SCALE = AS SHOWN
 USER NAME = dastrot

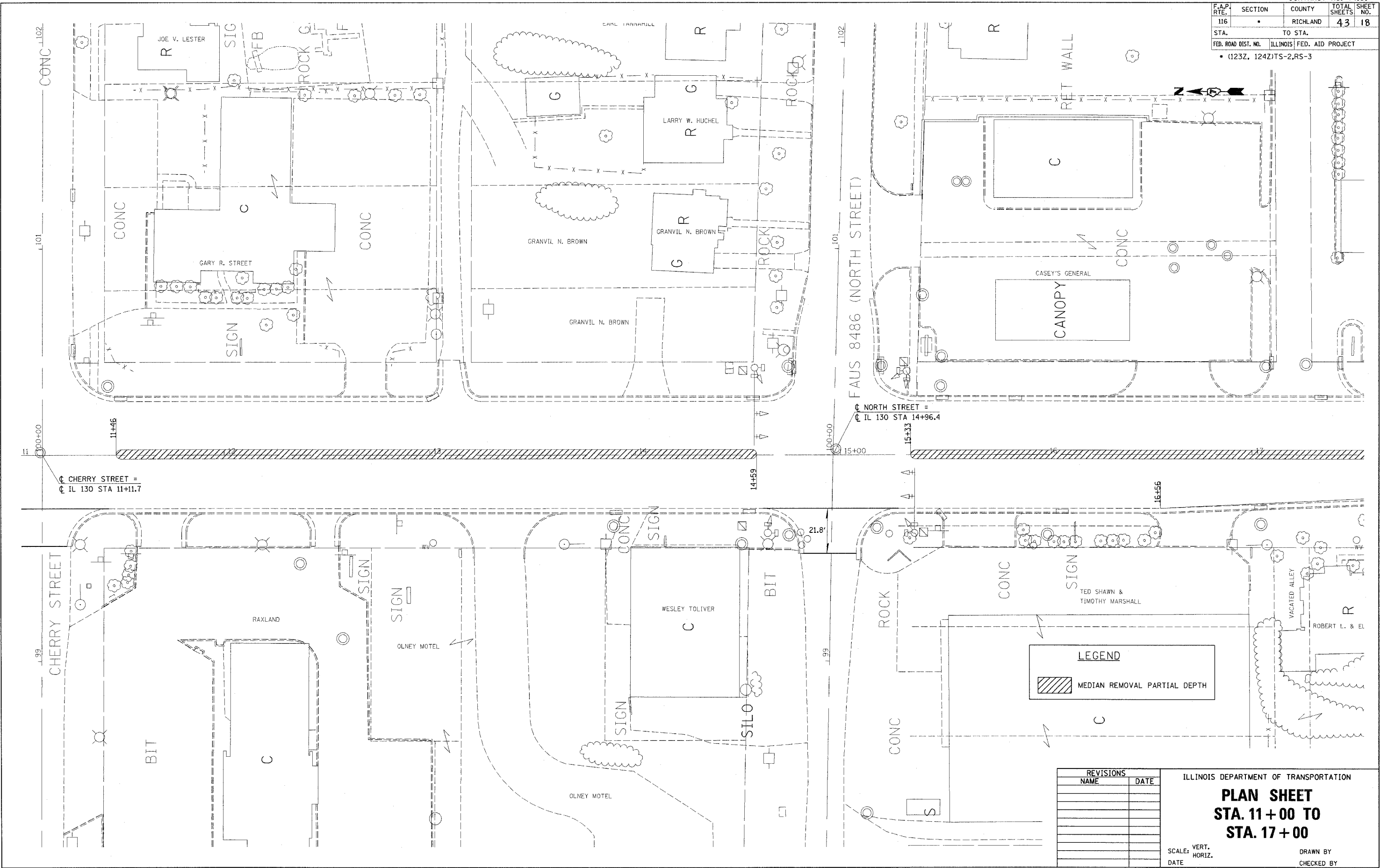
| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN SHEET
STA. 5+00 TO
STA. 11+00
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____

5/19/2006
 c:\projc\74161\d\03406pa.dgn

CONTRACT NO. 74161

| | | | | |
|---|---------|----------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 116 | | RICHLAND | 43 | 18 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |
| • (123Z, 124Z)TS-2,RS-3 | | | | |



LEGEND

| | |
|--|------------------------------|
| | MEDIAN REMOVAL PARTIAL DEPTH |
|--|------------------------------|

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN SHEET
STA. 11+00 TO
STA. 17+00

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

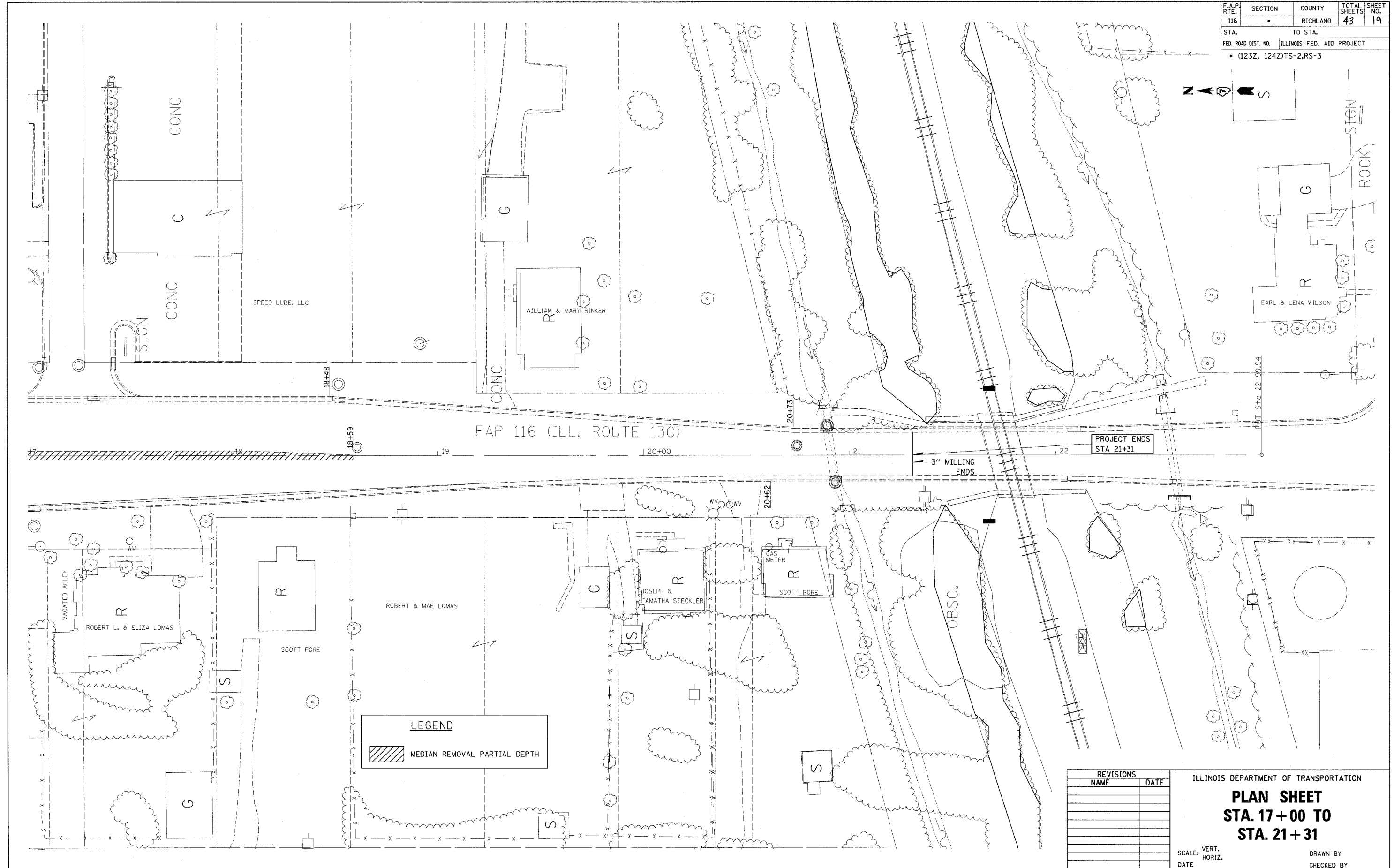
DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 5/19/2006
 FILE NAME = 74161.dwg
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = d181r1

5/19/2006
 c:\proj\ts\74161\d\03406pa.dgn

CONTRACT NO. 74161

| | | | | |
|---|---------|----------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 116 | | RICHLAND | 43 | 19 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |
| • (123Z, 124Z)TS-2,RS-3 | | | | |



LEGEND

| | |
|--|------------------------------|
| | MEDIAN REMOVAL PARTIAL DEPTH |
|--|------------------------------|

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN SHEET
STA. 17+00 TO
STA. 21+31

SCALE: VERT. _____
 HORIZ. _____

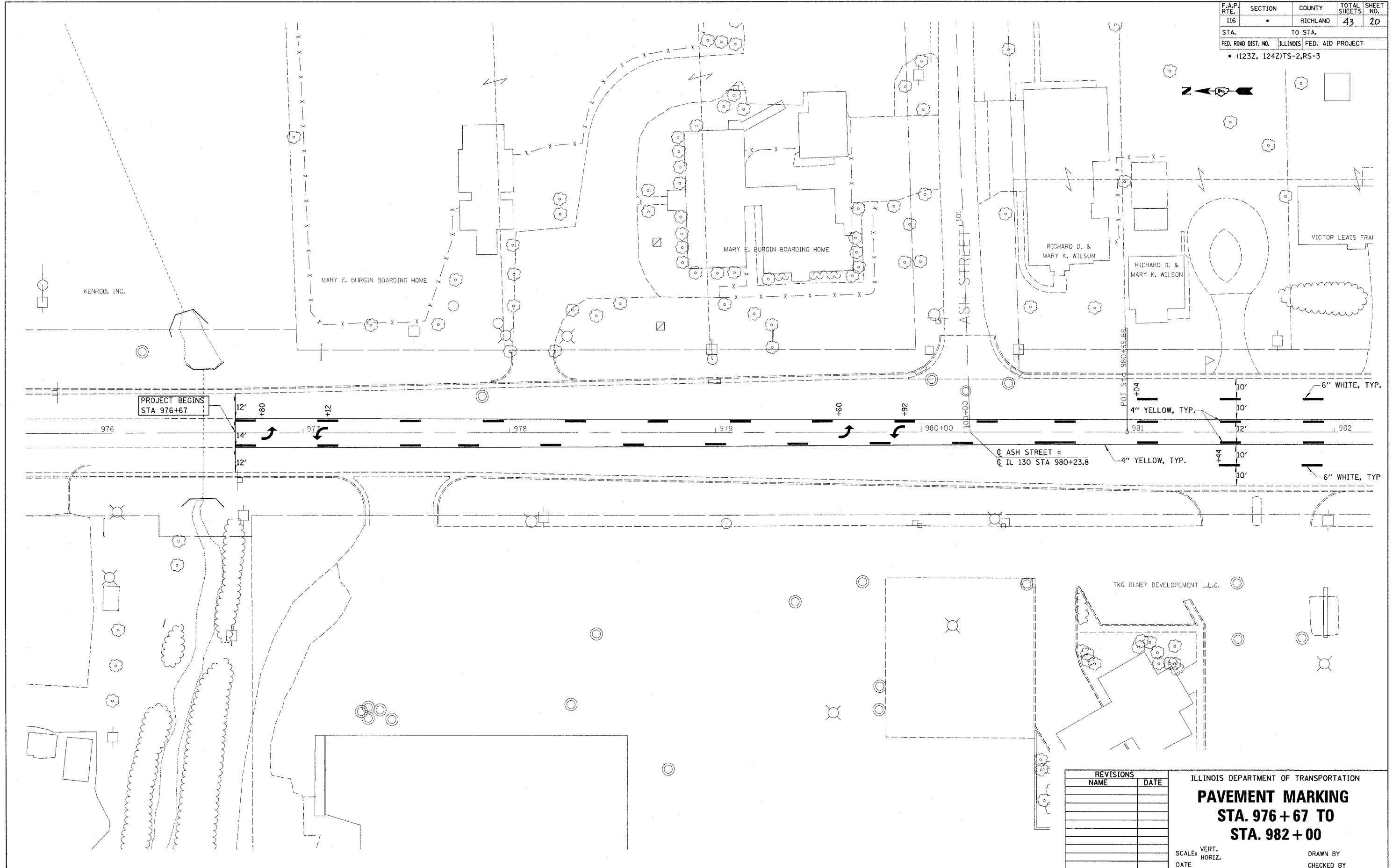
DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 5/19/2006
 PLOT TIME = 11:51:11
 PLOT SCALE = #SCALE#
 USER NAME = dstrut

5/19/2006
 c:\projec...is\74161\d\03406pa.dgn

CONTRACT NO. 74161

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------|---------|-------------------------|--------------|-----------|
| 116 | | RICHLAND | 43 | 20 |
| STA. TO STA. | | FED. AID PROJECT | | |
| | | • (123Z, 124Z)TS-2,RS-3 | | |



PLOT DATE = 5/19/2006
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

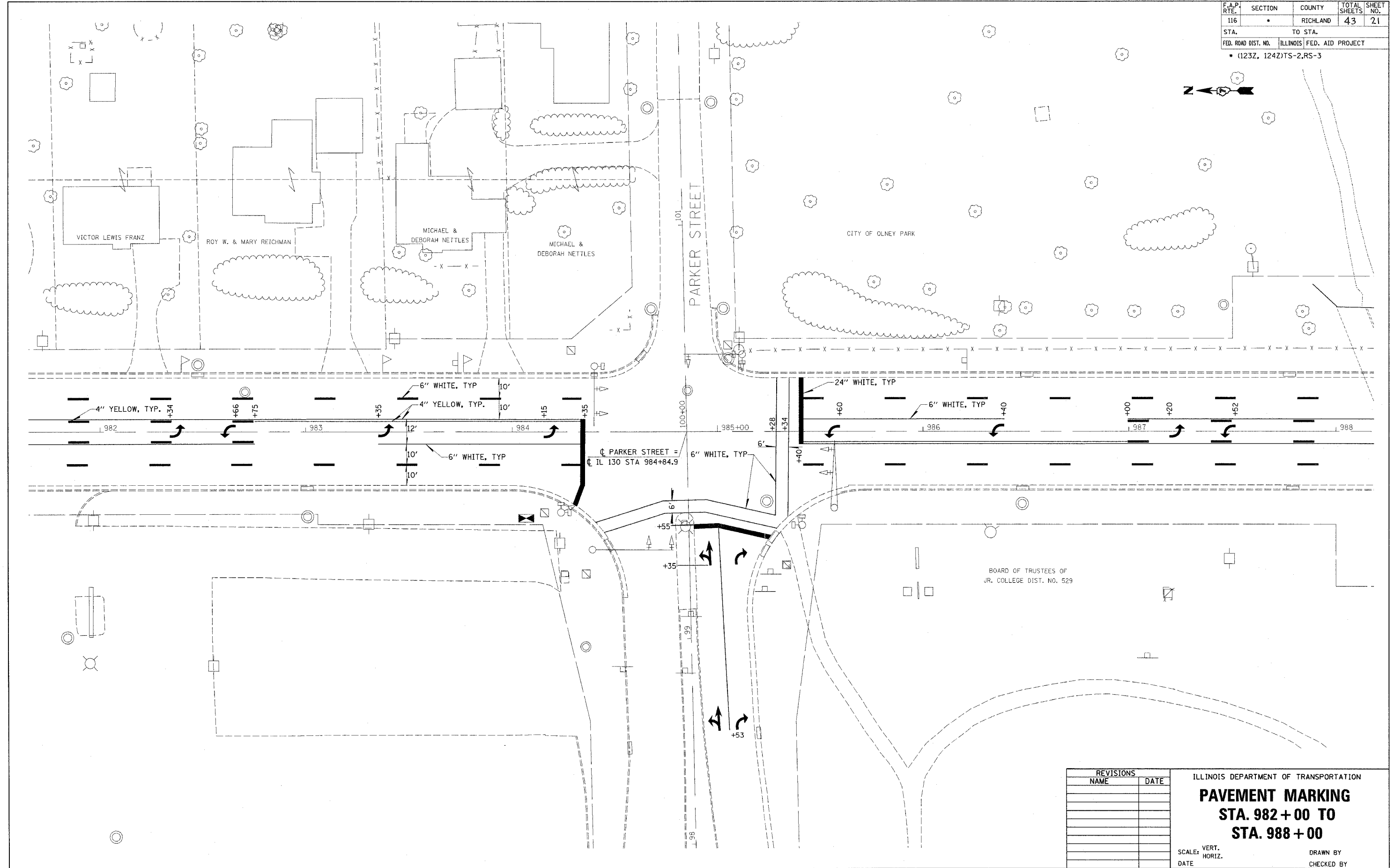
| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
STA. 976 + 67 TO
STA. 982 + 00
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____

5/19/2006
 c:\projec\74161\d\03406pa.dgn

CONTRACT NO. 74161

| | | | | |
|-------------------------|----------|------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 116 | * | RICHLAND | 43 | 21 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| * (123Z, 124Z)TS-2,RS-3 | | | | |



PLOT DATE = 5/19/2006
 PLOT SCALE = 1"=40'
 USER NAME = dlsprnt

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

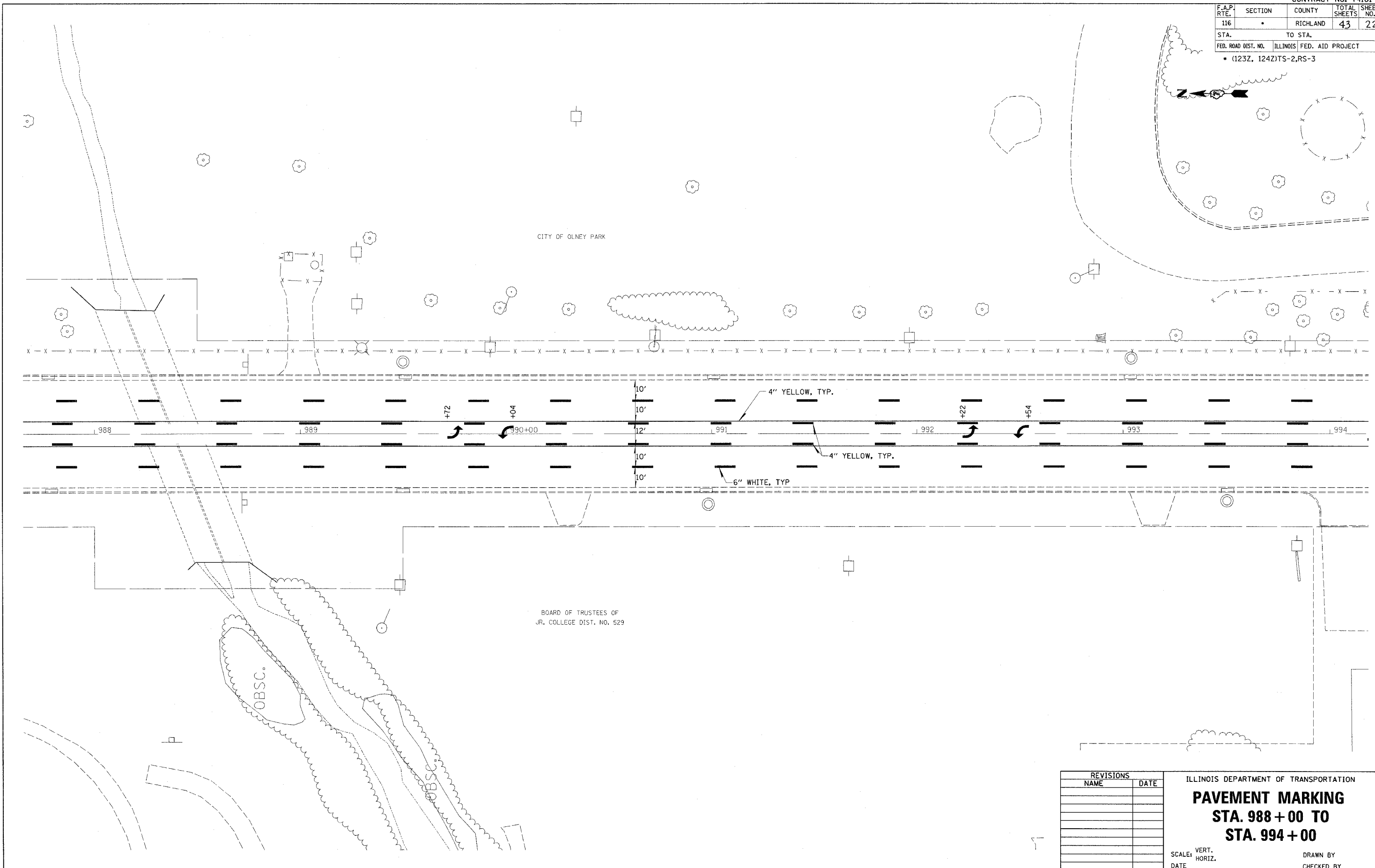
ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
STA. 982 + 00 TO
STA. 988 + 00

SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

5/19/2006
 c:\projec...s\74161\d\03406pa.dgn

CONTRACT NO. 74161

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------|---------|---------------------------|--------------|-----------|
| 116 | . | RICHLAND | 43 | 22 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| • (123Z, 124Z)TS-2,RS-3 | | | | |



PLOT DATE = 5/19/2006
 PLOT SCALE = AS SHOWN
 USER NAME = d:\d\projec...

| REVISIONS | | DATE |
|-----------|--|------|
| NAME | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

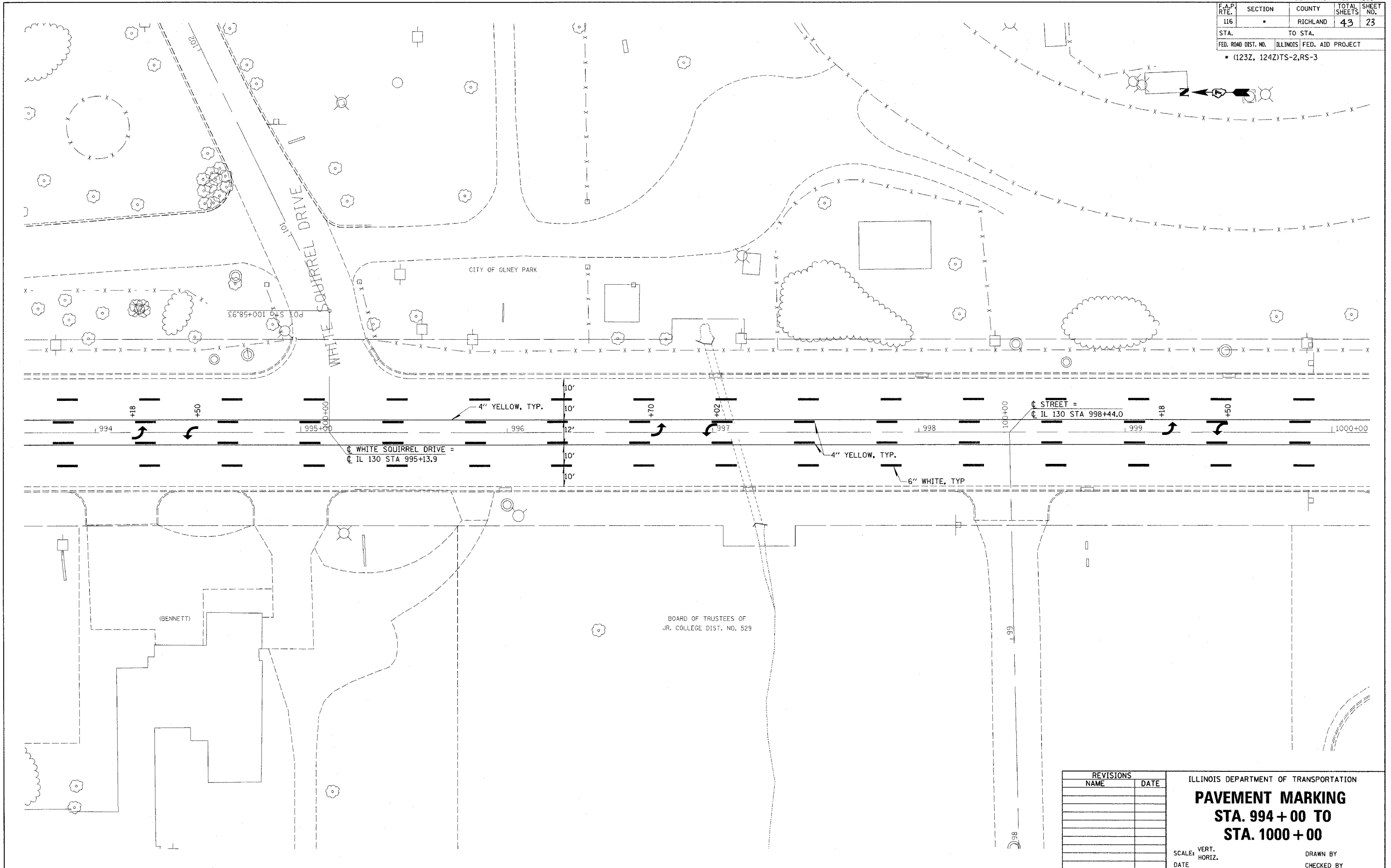
ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
STA. 988 + 00 TO
STA. 994 + 00

SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

5/19/2006
 c:\projc...s\74161\d\03406pa.dgn

CONTRACT NO. 74161

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------|---------|----------|------------------|-----------|
| 116 | * | RICHLAND | 43 | 23 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |
| * (123Z, 124Z)TS-2,RS-3 | | | | |



PLOT DATE = 5/19/2006
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

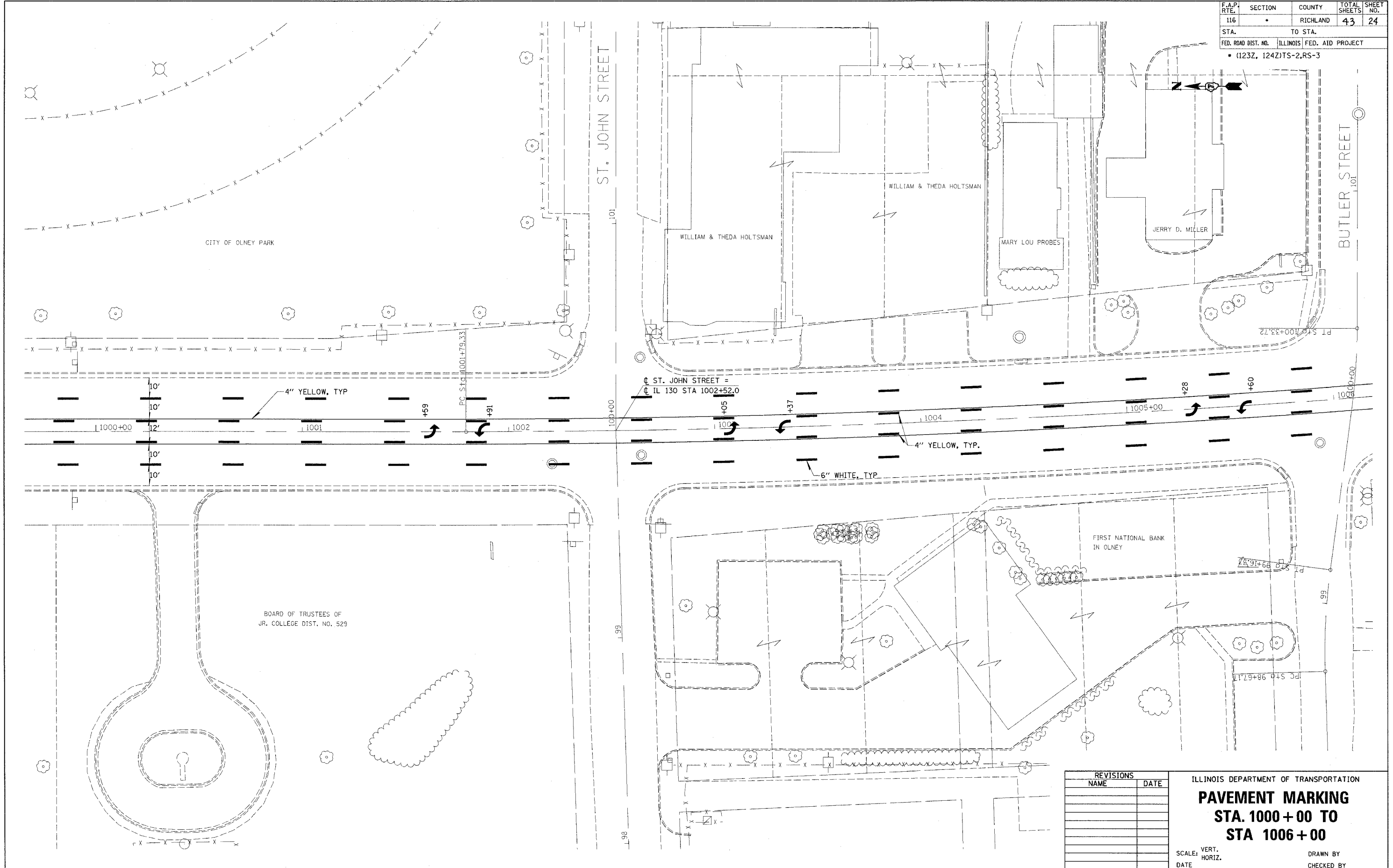
| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
STA. 994 + 00 TO
STA. 1000 + 00
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____

5/19/2006
 c:\projc-ts\74161\d\03406pa.dgn

CONTRACT NO. 74161

| | | | | |
|-------------------------|---------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 116 | * | RICHLAND | 43 | 24 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| * (123Z, 124Z)TS-2,RS-3 | | | | |



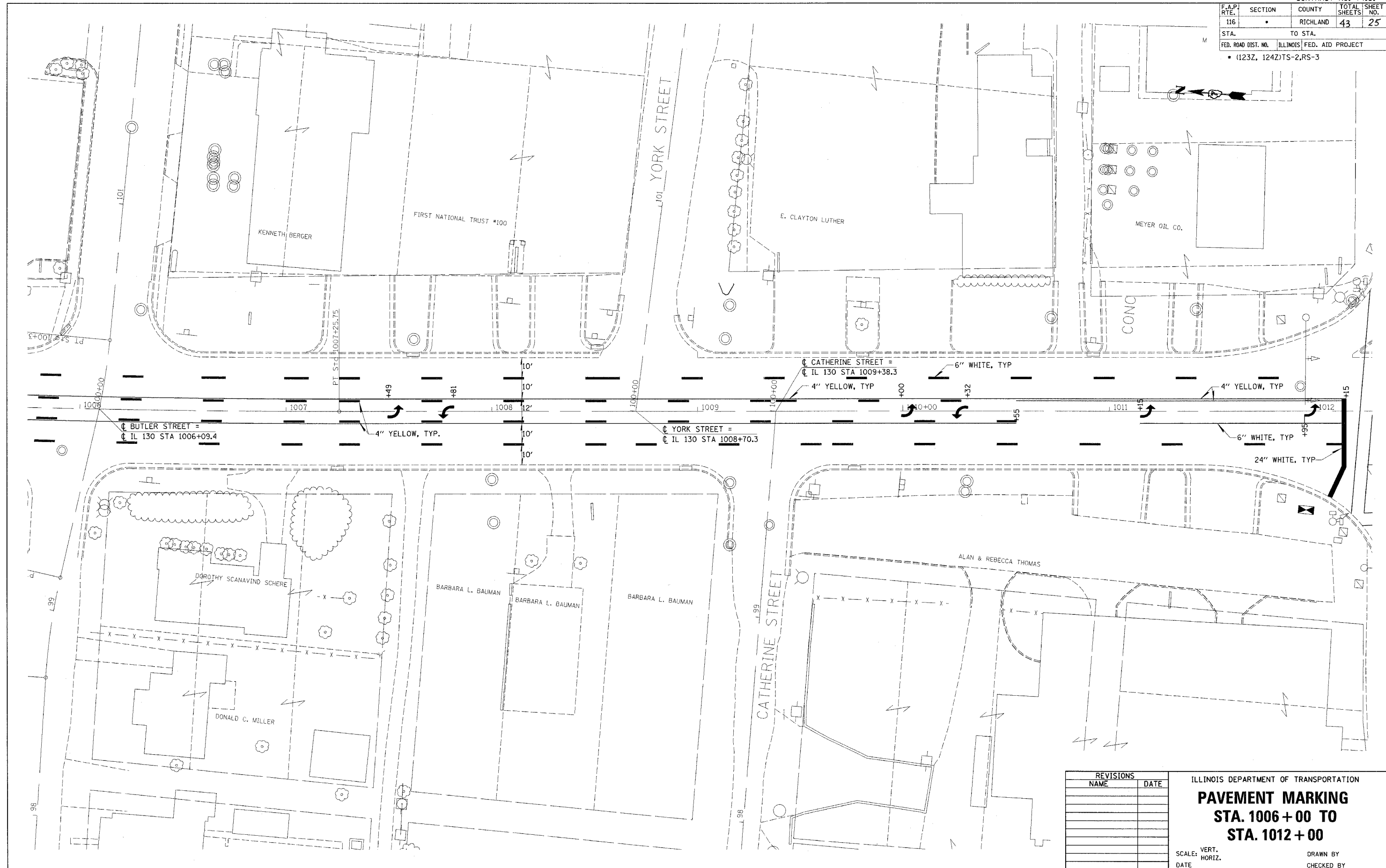
PLOT DATE * 5/19/2006
 FILE NAME * #FILE#
 PLOT SCALE * #SCALE#
 USER NAME * #DISTRICT#

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
STA. 1000 + 00 TO
STA 1006 + 00
 SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

5/19/2006
 c:\projc...s\74161\d\03406pa.dgn

| | | | |
|-------------------------|----------|------------------|-----------------|
| CONTRACT NO. 74161 | | | |
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEET NO. |
| 116 | | RICHLAND | 43 25 |
| STA. | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | |
| • (123Z, 124Z)TS-2,RS-3 | | | |



5/19/2006
 5:17:17
 \$SCALE\$
 \$USER\$

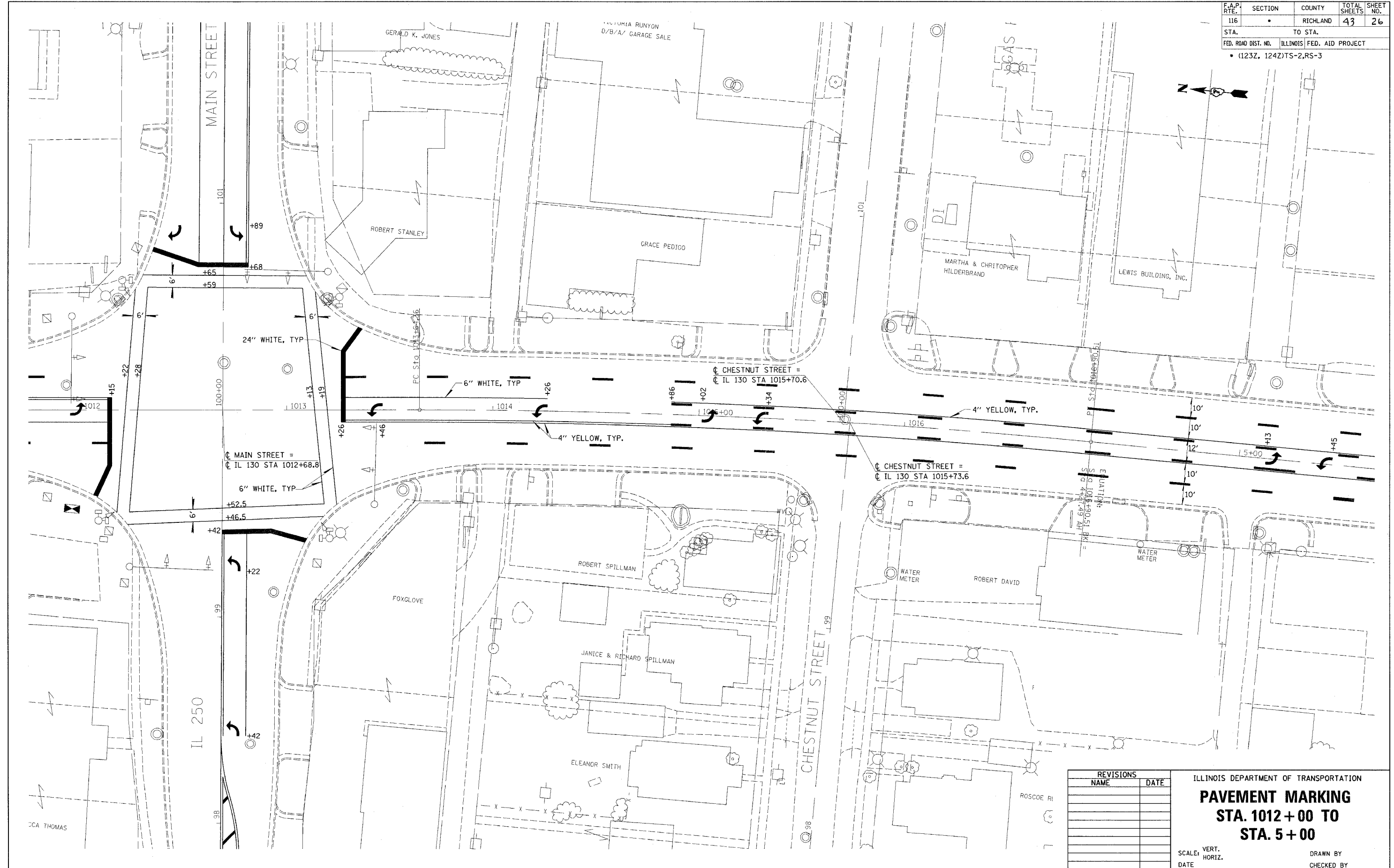
| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
STA. 1006 + 00 TO
STA. 1012 + 00
 SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

5/19/2006
 c:\proj\cts\74161\d\03406pa.dgn

CONTRACT NO. 74161

| | | | | |
|---|---------|----------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 116 | | RICHLAND | 43 | 26 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |
| • (123Z, 124Z)TS-2,RS-3 | | | | |



PLOT DATE = 5/19/2006
 PLOT SCALE = AS SHOWN
 USER NAME = dstrat

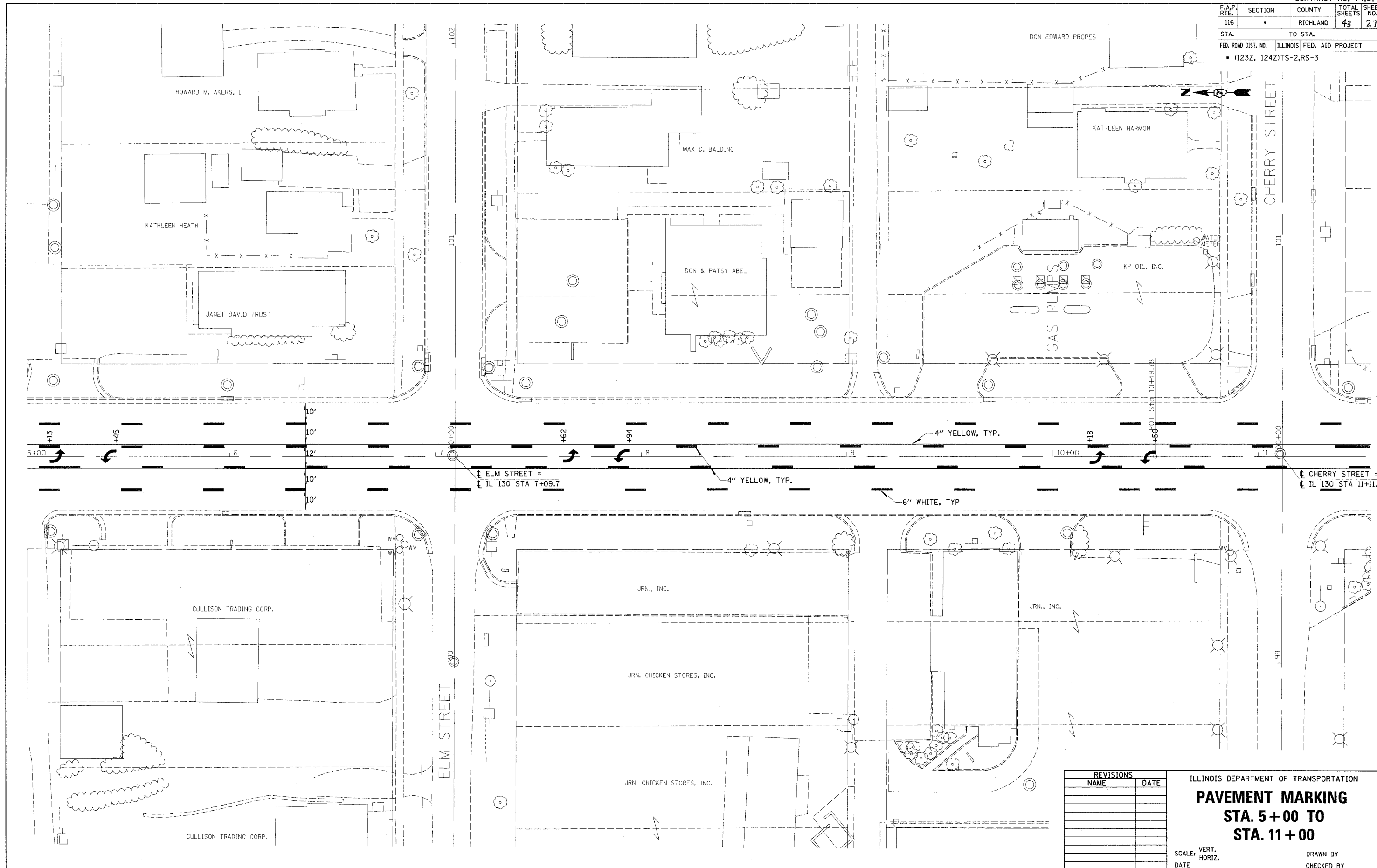
| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
STA. 1012+00 TO
STA. 5+00
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

5/19/2006
 c:\projc_is\74161\d\03406pa.dgn

CONTRACT NO. 74161

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------|---------|---------------------------|--------------|-----------|
| 116 | | RICHLAND | 43 | 27 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| • (123Z, 124Z)TS-2,RS-3 | | | | |



PLOT DATE = 5/19/2006
 FILE NAME = #FILE#
 USER NAME = #USER#

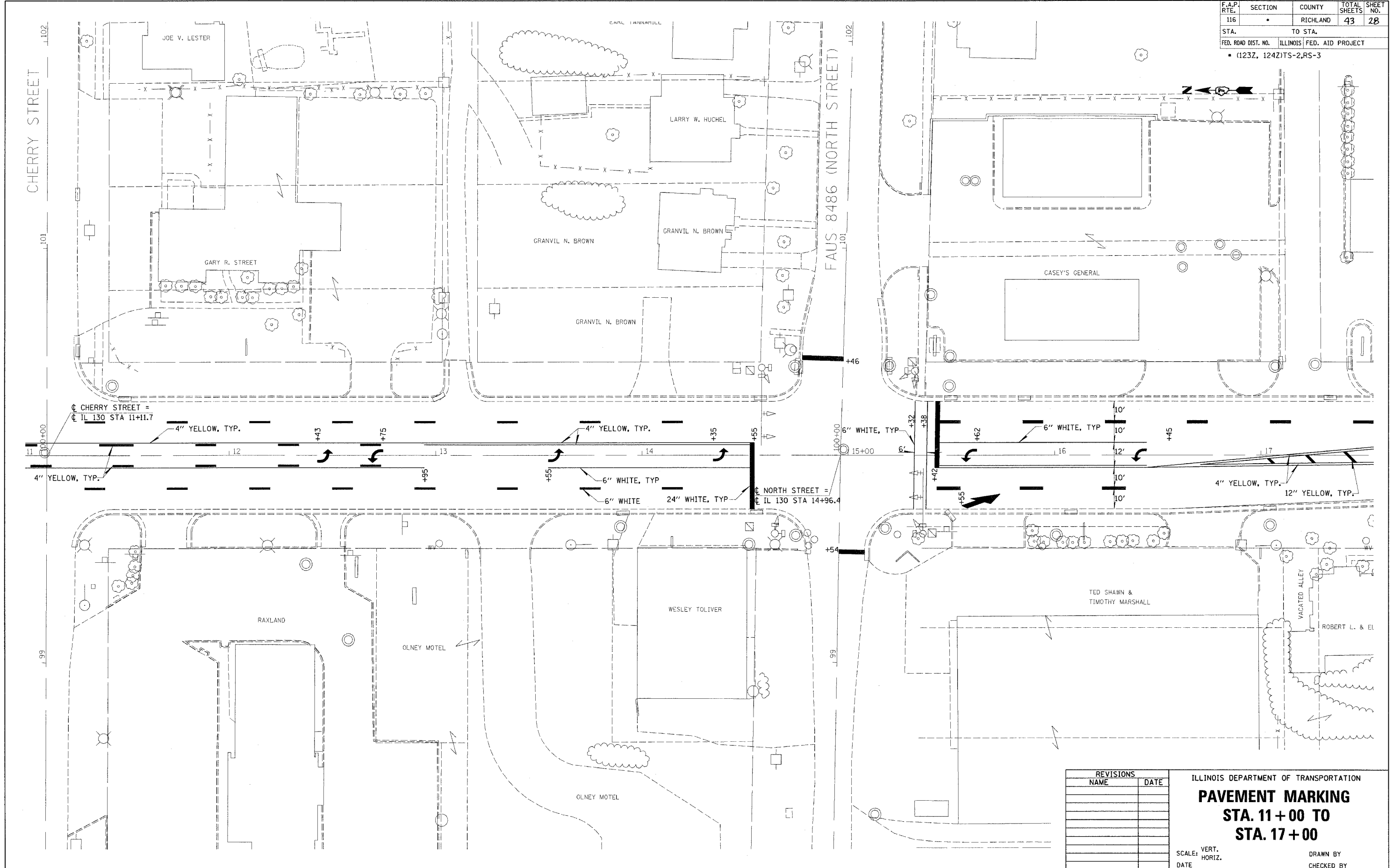
| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
STA. 5+00 TO
STA. 11+00
 SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

5/19/2006
 c:\proj\ts\74161\1\74161.d03406pa.dgn

CONTRACT NO. 74161

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------|---------|---------------------------|--------------|-----------|
| 116 | | RICHLAND | 43 | 28 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| • (123Z, 124Z)TS-2,RS-3 | | | | |



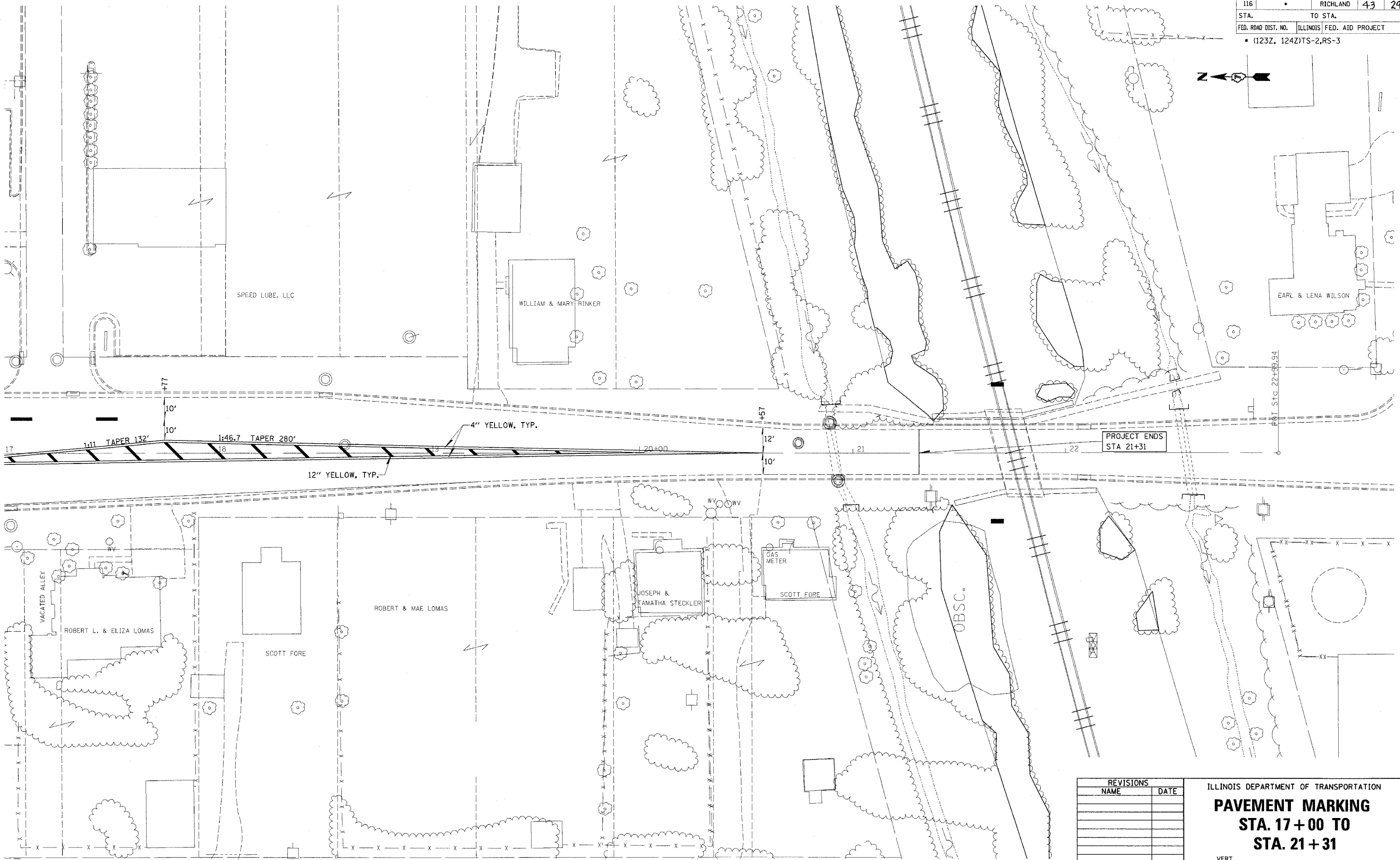
PLOT DATE = 5/19/2006
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #DISTRICT#

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
STA. 11 + 00 TO
STA. 17 + 00
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____

5/19/2006
 c:\proj\cts\74161\d\03406pa.dgn

| | | | | | |
|-------------------------|--|----------|------------------|--------------|-----------|
| F.A.P. RTE. | | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 116 | | • | RICHLAND | 43 | 29 |
| STA. | | TO STA. | | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | | |
| • (123Z, 124Z)TS-2,RS-3 | | | | | |



| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

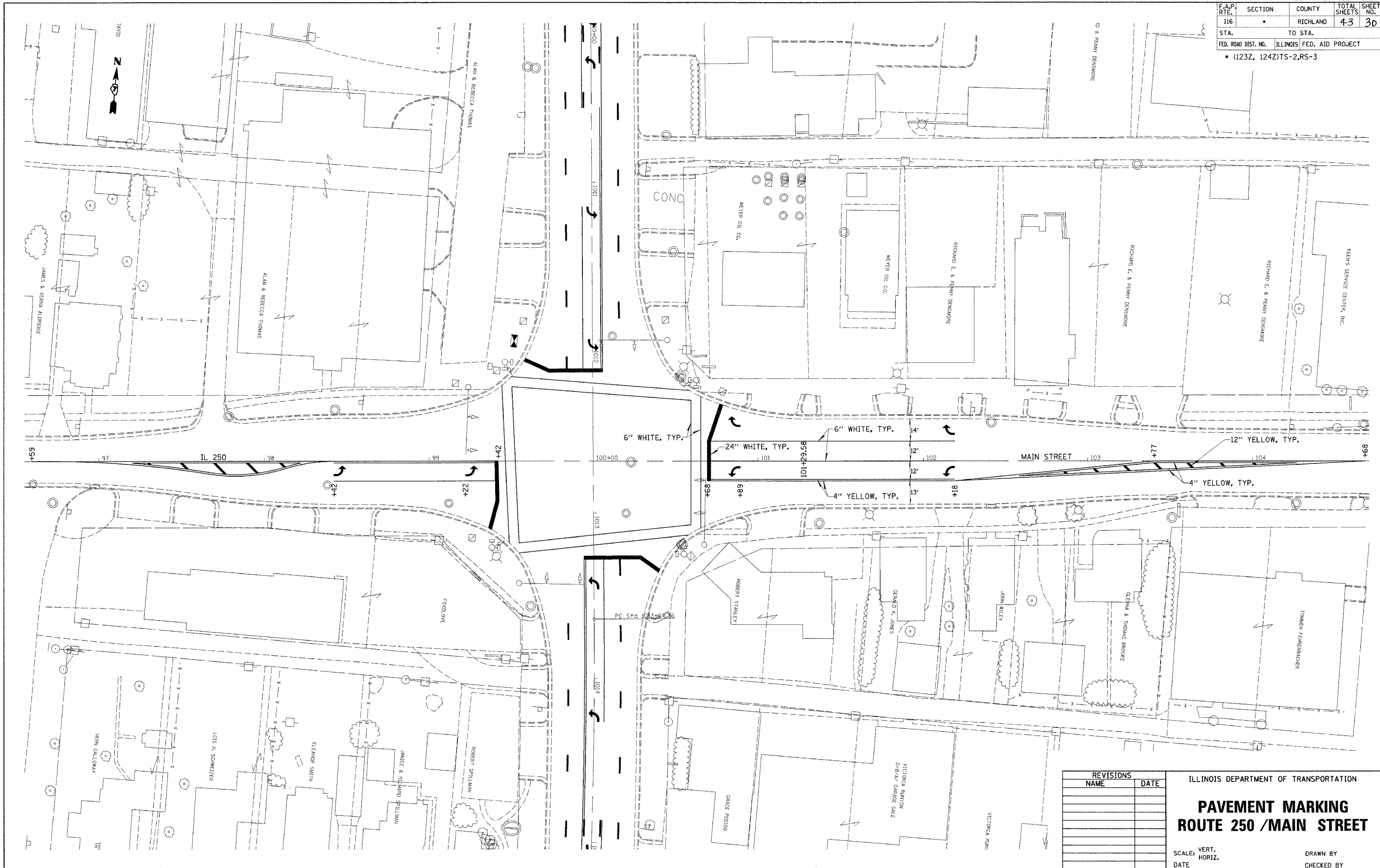
ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
STA. 17+00 TO
STA. 21+31
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 5/19/2006
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

5/19/2006
 c:\proj\ts\74161\d\03406pa.dgn

CONTRACT NO. 74161

| | | | | |
|-------------------------|----------|------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 116 | * | RICHLAND | 43 | 30 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| * (123Z, 124Z)TS-2,RS-3 | | | | |



| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING ROUTE 250 /MAIN STREET

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 5/19/2006
 FILE NAME = 0FILEL
 PLOT SCALE = 0SCALE
 USER NAME = 0USER

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|----------|------------------|-----------|
| 116 | * | RICHLAND | 43 | 31 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |

• (123Z, 124Z)TS-2,RS-3

GENERAL NOTES

THIS TRAFFIC SIGNAL PORTION OF THE ENTIRE PROJECT IS LOCATED AT THE INTERSECTIONS OF IL 130 & PARKER STREET, IL 130 & MAIN STREET, AND IL 130 & NORTH AVENUE ALL IN THE CITY OF OLNEY IN RICHLAND, COUNTY. THE WORK INCLUDED IN THIS SECTION CONSISTS OF INSTALLING TRAFFIC AND PEDESTRIAN SIGNALS AND ALL OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

THE EXISTING UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CALL J.U.L.I.E. AT 1-800-892-0123.

THE TRAFFIC OPERATIONS UNIT CHIEF (MIKE WORTHEY) AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE NOTIFIED AT 217-342-8284 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNIT.

THE SIZE OF THE CABLE SUPPLIED SHALL BE EQUAL TO OR GREATER THAN THE SIZE OF THE CABLE REQUIRED TO CARRY THE LOAD BETWEEN THE CONTROLLER AND THE SERVICE INSTALLATION.

THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE SIGNALS ARE TURNED ON. THE REPRESENTATIVE SHALL MAKE CERTAIN THAT ALL EQUIPMENT OPERATES TO THE SATISFACTION OF THE ENGINEER.

A 2 FOOT MINIMUM, 6 FOOT DESIRABLE, HORIZONTAL CLEARANCE SHALL BE MAINTAINED FROM THE BACK OF CURB TO THE EDGE OF HANDHOLES, JUNCTION BOXES AND SIGNAL POST FOUNDATIONS. A 5 FOOT MINIMUM HORIZONTAL CLEARANCE SHALL BE MAINTAINED FROM THE BACK OF THE CURB TO ALL MAST ARM FOUNDATIONS. CONTROLLER FOUNDATIONS SHALL BE LOCATED AS FAR FROM THE BACK OF THE CURB AS POSSIBLE TO PROTECT THE CONTROLLER CABINET.

ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED. CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.

ALL THREADS OF BOLTS USED IN ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.

NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FOOT MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.

THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE TRENCH AND BACKFILL FOR ELECTRICAL WORK PAY ITEM.

THE NUMBER OF CONDUCTORS FOR ELECTRIC CABLES AS SHOWN ON THE PLANS SHALL BE THE MINIMUM NUMBER OF CONDUCTORS FURNISHED FOR EACH LOCATION. THE CONTRACTOR MAY SUBSTITUTE AN ELECTRIC CABLE WITH MORE CONDUCTORS THAN SPECIFIED BUT NO ADDITIONAL COMPENSATION WILL BE MADE FOR THE EXTRA CONDUCTORS.

ALL NEW TRAFFIC AND PEDESTRIAN SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN HANDHOLES WILL NOT BE ALLOWED.

ALL MAST ARM MOUNTED SIGNAL HEADS ON AN INDIVIDUAL MAST ARM SHALL BE MOUNTED SO THAT THE RED INDICATIONS ARE LEVEL WITH EACH OTHER.

TRAFFIC SIGNAL HEADS SHALL BE PROPERLY COVERED PRIOR TO INTERSECTION TURN-ON OR AS DIRECTED BY THE ENGINEER. THIS COST SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED SIGNAL HEAD PAY ITEMS.

ALL TRAFFIC SIGNAL MAST ARM ASSEMBLIES (STANDARD, COMBINATION, OR DUAL) MUST BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.

THE CONTRACTOR SHALL SAVE HARMLESS THE EXISTING "LEFT TURN YIELD ON GREEN BALL" SIGNS ON THE EXISTING MAST ARMS AT ALL INTERSECTIONS. THE SAID SIGNS SHALL BE REMOVED AND REPLACED ON THE PROPOSED MAST ARMS.

THERE ARE 9 EXISTING LOAD SWITCHES AT THE INTERSECTION OF IL 130 & PARKER STREET AND 9 EXISTING LOAD SWITCHES AT THE INTERSECTION OF IL 130 & NORTH AVENUE THAT WILL NEED TO BE REMOVED AND REPLACED. THESE WILL BE INCLUDED WITH THE MODIFY CONTROLLER CABINET PAY ITEM.

THE EQUIPMENT AT THE INTERSECTION OF IL 130 & PARKER STREET AND AT THE INTERSECTION OF IL 130 & NORTH AVENUE SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF ACCORDINGLY.

THE EXISTING SIGNAL HEADS, CONTROLLER CABINET, AND THE CONTENTS OF THE CABINET AT THE INTERSECTION OF IL 130 & IL 250 (MAIN ST.) SHALL BE SALVAGED AND DELIVERED TO THE DISTRICT SEVEN SIGN SHOP, ROUTE 40 WEST, EFFINGHAM. THE REMAINING EQUIPMENT AT THIS INTERSECTION SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF ACCORDINGLY.

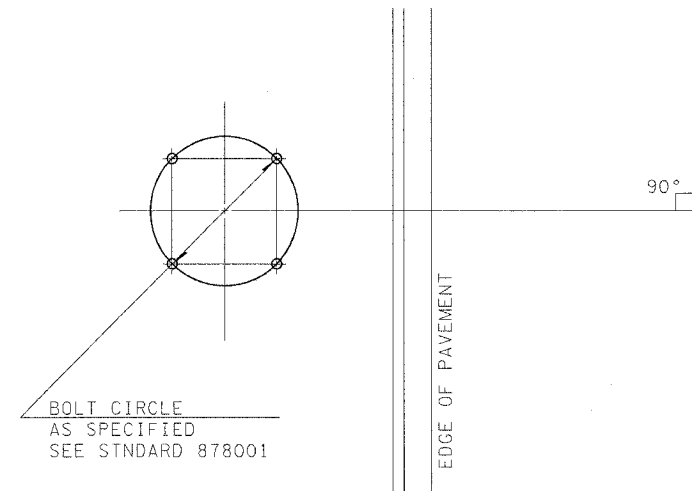
CITY OF OLNEY CONTACT:
DEPARTMENT OF PUBLIC WORKS
TOM TOTTEN
OLNEY, IL 62450
PHONE: (618) 395-1949

CITY OF OLNEY CONTACT
HIGHWAY LIGHTING
DAVE BERRY
OLNEY, IL 62450
PHONE: (618) 395-7302

AMERENCIPS
RON BAILEY
4978 N. IL 130
OLNEY, IL 62450
PHONE: (618) 393-5641

NUMBER OF TURNS REQUIRED IN DETECTOR LOOPS

| 6 X 6 | | 6 X 30 | | 6 X 40 | | LOOP SIZE |
|-------|------|--------|------|--------|------|-----------|
| | | 0 | 491 | 0 | 627 | 2 TURNS |
| 0 | 545 | 492 | 982 | 628 | 1255 | 3 TURNS |
| 546 | 818 | 983 | 1636 | 1256 | 2091 | 4 TURNS |
| 819 | 1145 | 1637 | 2455 | 2092 | 3136 | 5 TURNS |
| 1146 | 1527 | 2456 | 3436 | | | 6 TURNS |
| 1528 | 1964 | | | | | 7 TURNS |
| 1965 | 2455 | | | | | 8 TURNS |
| 2456 | 3000 | | | | | 9 TURNS |
| | | | | | | 10 TURNS |



DETAIL OF MAST ARM FOUNDATION
BOLT PATTERN

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TRAFFIC SIGNAL
GENERAL NOTES
& DETAILS**

SCALE: VERT.
DATE: HORIZ.

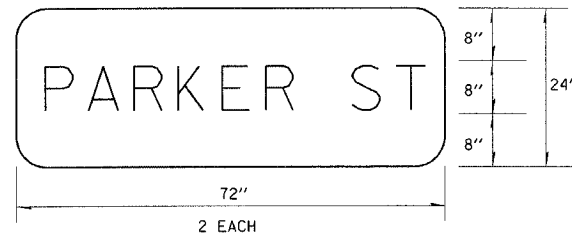
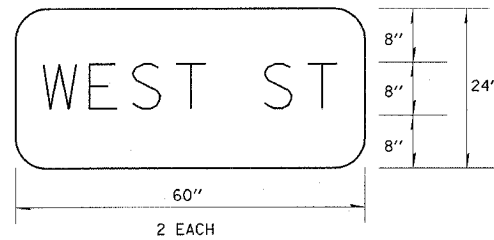
DRAWN BY
CHECKED BY

5/19/2006
c:\projects\74161\116\116.dwg

PLOT DATE = 5/19/2006
FILE NAME = 116.dwg
PLOT SCALE = 1/8"=1'-0"
USER NAME = dstr101

5/19/2006
c:\projects\74161\d\03406pa.dgn

PLOT DATE = 5/19/2006
PLOT SCALE = 1/8"=1'-0"
USER NAME = dastpnt



SIGN PANEL DETAILS

CONTRACT NO. 74161

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|----------|------------------|-----------|
| 116 | * | RICHLAND | 43 | 32 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |

* (123Z, 124Z)TS-2,RS-3

BILL OF MATERIALS - IL 130 & PARKER STREET

| ITEM | UNIT | QUANTITY |
|---|-------|----------|
| SIGN PANEL-TYPE 2 | SQ FT | 44.0 |
| SERVICE INSTALLATION, TYPE B | EACH | 1.0 |
| CONDUIT IN TRENCH, 1 1/2" DIA., PVC | FOOT | 60.0 |
| CONDUIT IN TRENCH, 2" DIA., PVC | FOOT | 44.0 |
| TRENCH AND BACKFILL FOR ELECTRICAL WORK | FOOT | 98.0 |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10 | FOOT | 235.0 |
| LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT | EACH | 1.0 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C | FOOT | 268.0 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C | FOOT | 1136.0 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C | FOOT | 696.0 |
| ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR | FOOT | 301.0 |
| TRAFFIC SIGNAL POST, ALUMINUM 12 FT. | EACH | 1.0 |
| TRAFFIC SIGNAL POST, ALUMINUM 16 FT. | EACH | 1.0 |
| TRAFFIC SIGNAL POST, ALUMINUM 18 FT. | EACH | 1.0 |
| STEEL MAST ARM ASSEMBLY AND POLE, 40 FT. | EACH | 1.0 |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 38 FT | EACH | 1.0 |
| CONCRETE FOUNDATION, TYPE A | FOOT | 3.0 |
| CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER | FOOT | 13.5 |
| CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 13.0 |
| DRILL EXISTING HANDHOLE | EACH | 4.0 |
| TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC | EACH | 15.0 |
| INDUCTIVE LOOP DETECTOR | EACH | 1.0 |
| DETECTOR LOOP, TYPE 1 | FOOT | 761.0 |
| PEDESTRIAN PUSH-BUTTON | EACH | 4.0 |
| MODIFY EXISTING CONTROLLER | EACH | 1.0 |
| MODIFY EXISTING CONTROLLER CABINET | EACH | 1.0 |
| REMOVE ELECTRIC CABLE FROM CONDUIT | FOOT | 2656.0 |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1.0 |
| REMOVE EXISTING CONCRETE FOUNDATION | EACH | 2.0 |
| ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C | FOOT | 492.0 |
| SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 1.0 |
| SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED | EACH | 8.0 |
| SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED | EACH | 2.0 |
| SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION BRACKET MOUNTED | EACH | 2.0 |
| PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED | EACH | 2.0 |
| PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED | EACH | 1.0 |

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

**BILL OF MATERIALS
IL 130 & PARKER ST**

SCALE: VERT.
HORIZ.
DATE

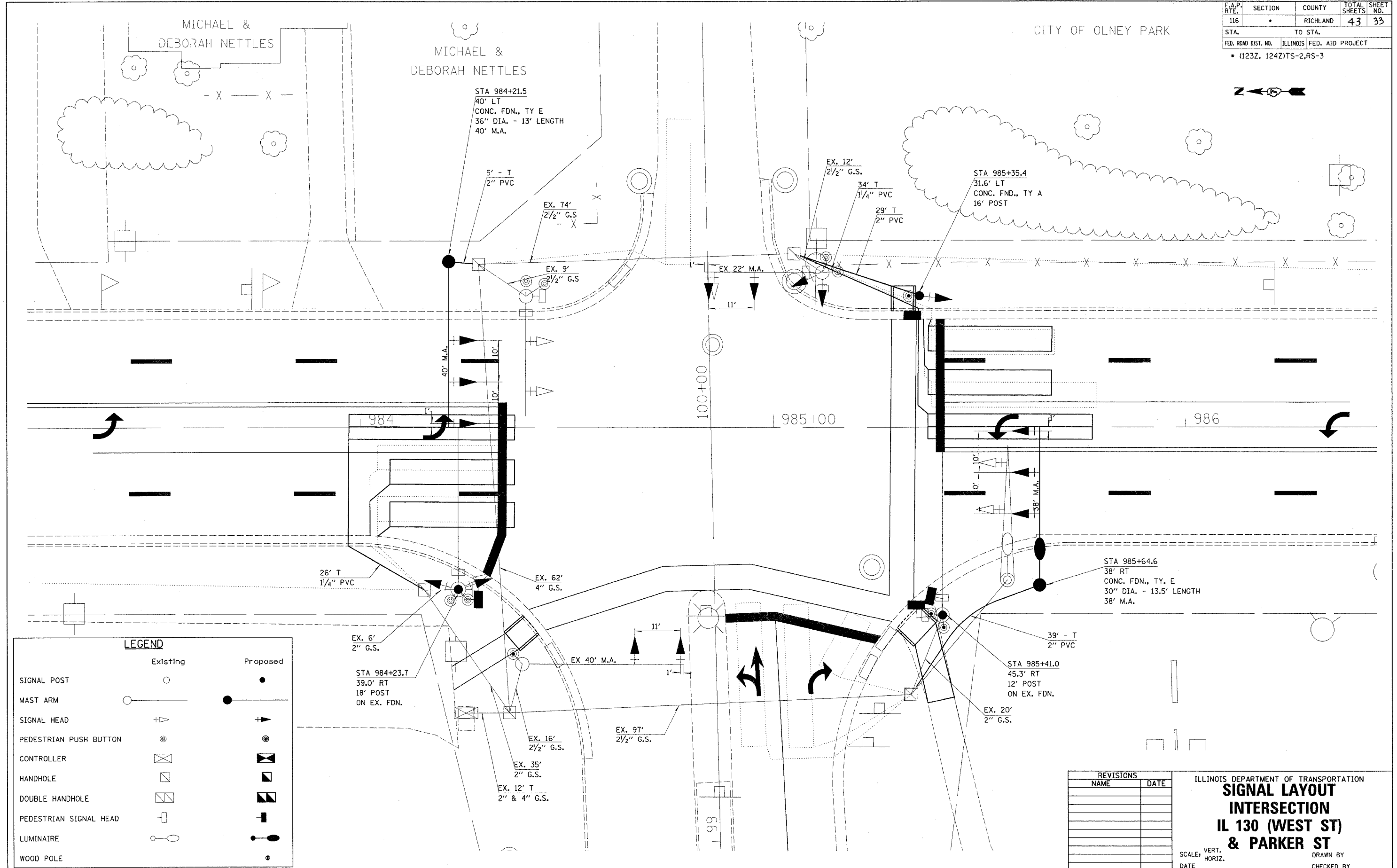
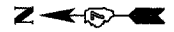
DRAWN BY
CHECKED BY

5/19/2006
c:\projc_1s\74161d\03406pa.dgn

CONTRACT NO. 74161

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|----------|--------------|-----------|
| 116 | | RICHLAND | 43 | 33 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |
| • (123Z, 124Z)TS-2,RS-3 | | | | |

CITY OF OLNEY PARK



| LEGEND | | |
|------------------------|----------|----------|
| | Existing | Proposed |
| SIGNAL POST | ○ | ● |
| MAST ARM | ○— | ●— |
| SIGNAL HEAD | ▽ | ▽ |
| PEDESTRIAN PUSH BUTTON | ⊙ | ⊙ |
| CONTROLLER | ⊠ | ⊠ |
| HANDHOLE | ⊞ | ⊞ |
| DOUBLE HANDHOLE | ⊞ | ⊞ |
| PEDESTRIAN SIGNAL HEAD | ⊞ | ⊞ |
| LUMINAIRE | ⊞ | ⊞ |
| WOOD POLE | ⊞ | ⊞ |

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
**SIGNAL LAYOUT
INTERSECTION
IL 130 (WEST ST)
& PARKER ST**

SCALE: VERT. _____
HORIZ. _____

DATE _____

DRAWN BY _____
CHECKED BY _____

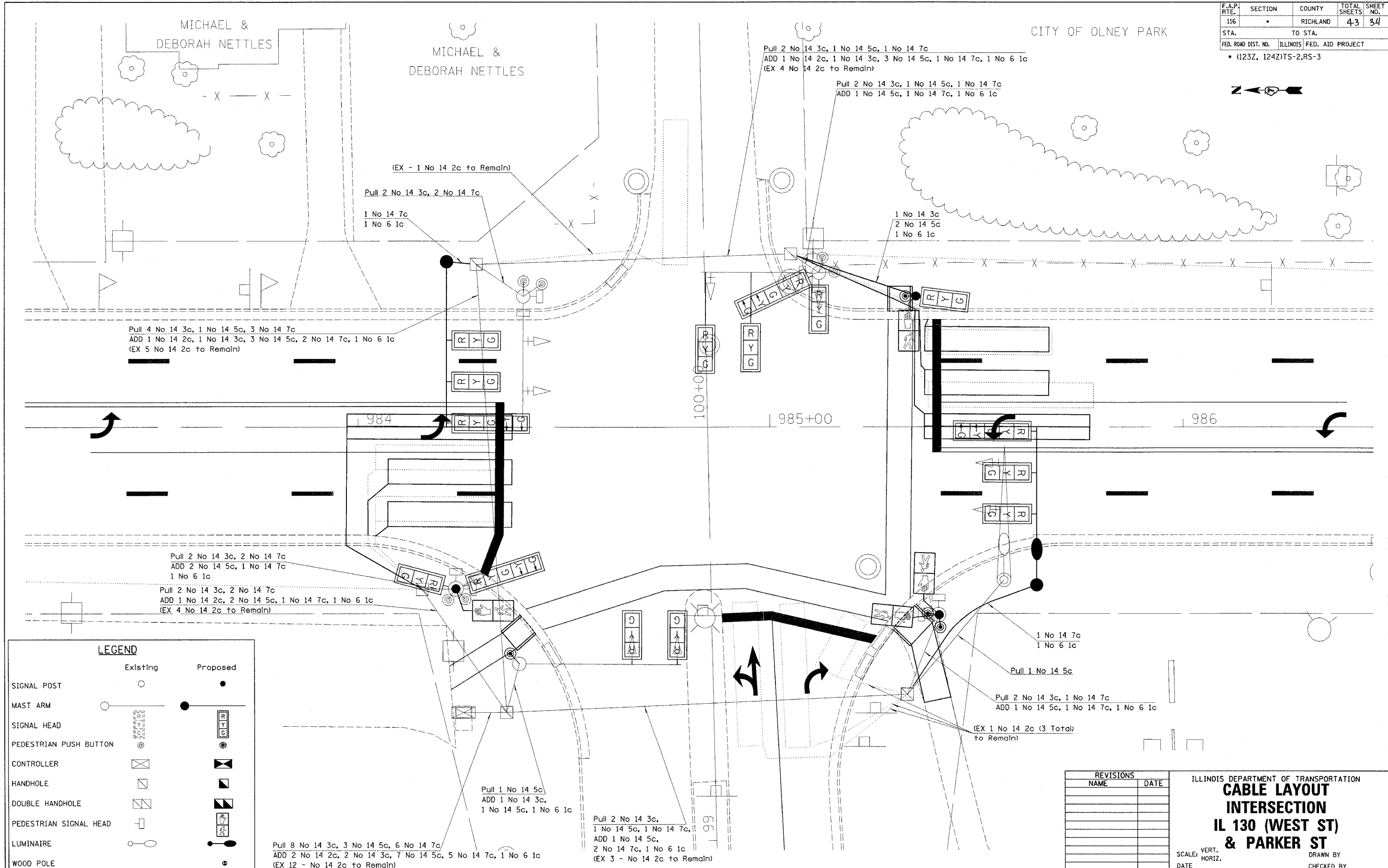
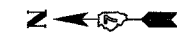
5/19/2006
FILE NAME = 03406pa.dgn
PLOT SCALE = 1"=40'
USER NAME = dstrout

5/19/2006
c:\proj\cts\74161\1\03406pa.dgn

CONTRACT NO. 74161

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|----------|--------------|-----------|
| 116 | | RICHLAND | 43 | 34 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT | | | | |
| * (123Z, 124Z)TS-2,RS-3 | | | | |

CITY OF OLNEY PARK



LEGEND

| | Existing | Proposed |
|------------------------|----------|----------|
| SIGNAL POST | ○ | ● |
| MAST ARM | —○— | —●— |
| SIGNAL HEAD | [Symbol] | [Symbol] |
| PEDESTRIAN PUSH BUTTON | [Symbol] | [Symbol] |
| CONTROLLER | [Symbol] | [Symbol] |
| HANDHOLE | [Symbol] | [Symbol] |
| DOUBLE HANDHOLE | [Symbol] | [Symbol] |
| PEDESTRIAN SIGNAL HEAD | [Symbol] | [Symbol] |
| LUMINAIRE | [Symbol] | [Symbol] |
| WOOD POLE | [Symbol] | [Symbol] |

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

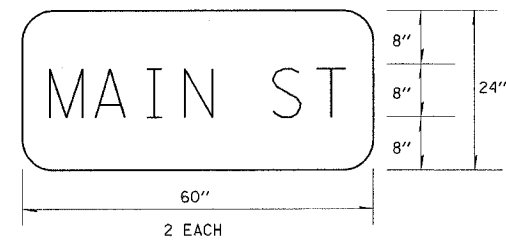
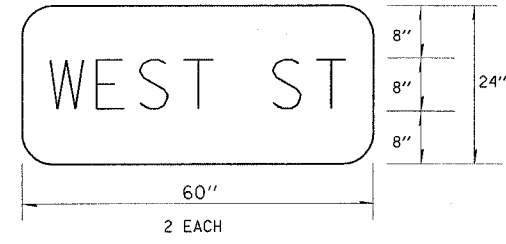
ILLINOIS DEPARTMENT OF TRANSPORTATION
CABLE LAYOUT INTERSECTION
IL 130 (WEST ST) & PARKER ST
 SCALE: VERT. _____
 DATE _____ HORIZ. _____
 DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 5/19/2006
 PLOT NAME = 03406pa.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = dhrst

5/19/2006
c:\projects\74161\d\03406pa.dgn

CONTRACT NO. 74161

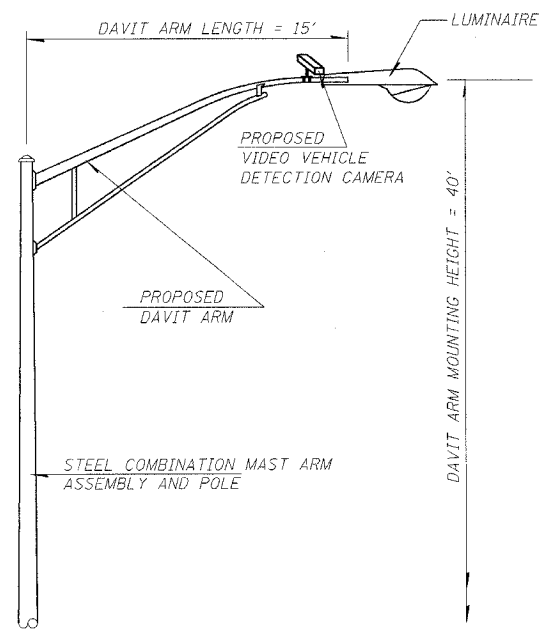
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------|---------|---------------------------|--------------|-----------|
| 116 | * | RICHLAND | 43 | 35 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| * (123Z, 124Z)TS-2,RS-3 | | | | |



SIGN PANEL DETAILS

BILL OF MATERIALS - IL 130 & MAIN STREET

| ITEM | UNIT | QUANTITY |
|---|-------|----------|
| SIGN PANEL-TYPE 2 | SQ FT | 40.0 |
| SERVICE INSTALLATION, TYPE B | EACH | 1.0 |
| WOOD POLE, 35 FT., CLASS 3 | EACH | 1.0 |
| CONDUIT IN TRENCH, 2" DIA., PVC | FOOT | 214.0 |
| CONDUIT IN TRENCH, 4" DIA., PVC | FOOT | 109.0 |
| CONDUIT, AUGERED 4" DIA., PVC | FOOT | 254.0 |
| CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL | FOOT | 20.0 |
| HANDHOLE | EACH | 5.0 |
| DOUBLE HANDHOLE | EACH | 1.0 |
| TRENCH AND BACKFILL FOR ELECTRICAL WORK | FOOT | 323.0 |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1C NO. 10 | FOOT | 911.0 |
| LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL 250 WATT | EACH | 4.0 |
| REMOVAL OF EXISTING LIGHT UNIT SALVAGE | EACH | 2.0 |
| LIGHTING FOUNDATION REMOVAL | EACH | 2.0 |
| FULL-ACTUATED CONTROLLER AND TYPE IV CABINET | EACH | 1.0 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C | FOOT | 1165.0 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C | FOOT | 2776.0 |
| ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C | FOOT | 14.0 |
| TRAFFIC SIGNAL POST, ALUMINUM 12 FT. | EACH | 3.0 |
| TRAFFIC SIGNAL POST, ALUMINUM 16 FT. | EACH | 3.0 |
| TRAFFIC SIGNAL POST, ALUMINUM 18 FT. | EACH | 1.0 |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 38 FT | EACH | 1.0 |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 44 FT | EACH | 2.0 |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 46 FT | EACH | 1.0 |
| CONCRETE FOUNDATION, TYPE A | FOOT | 21.0 |
| CONCRETE FOUNDATION, TYPE D | FOOT | 3.0 |
| CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER | FOOT | 13.5 |
| CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 39.0 |
| TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC | EACH | 20.0 |
| PEDESTRIAN PUSH-BUTTON | EACH | 8.0 |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1.0 |
| REMOVE EXISTING HANDHOLE | EACH | 12.0 |
| REMOVE EXISTING CONCRETE FOUNDATION | EACH | 9.0 |
| VIDEO VEHICLE DETECTION SYSTEM | EACH | 1.0 |
| ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C | FOOT | 727.0 |
| SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED | EACH | 7.0 |
| SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED | EACH | 5.0 |
| SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION BRACKET MOUNTED | EACH | 3.0 |
| SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 5-SECTION BRACKET MOUNTED | EACH | 1.0 |
| PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED | EACH | 4.0 |



VIDEO VEHICLE DETECTION CAMERA DETAIL

PLOT DATE = 5/19/2006
FILE NAME = #FILE#
PLOT SCALE = #SCALE#
USER NAME = #USER#

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

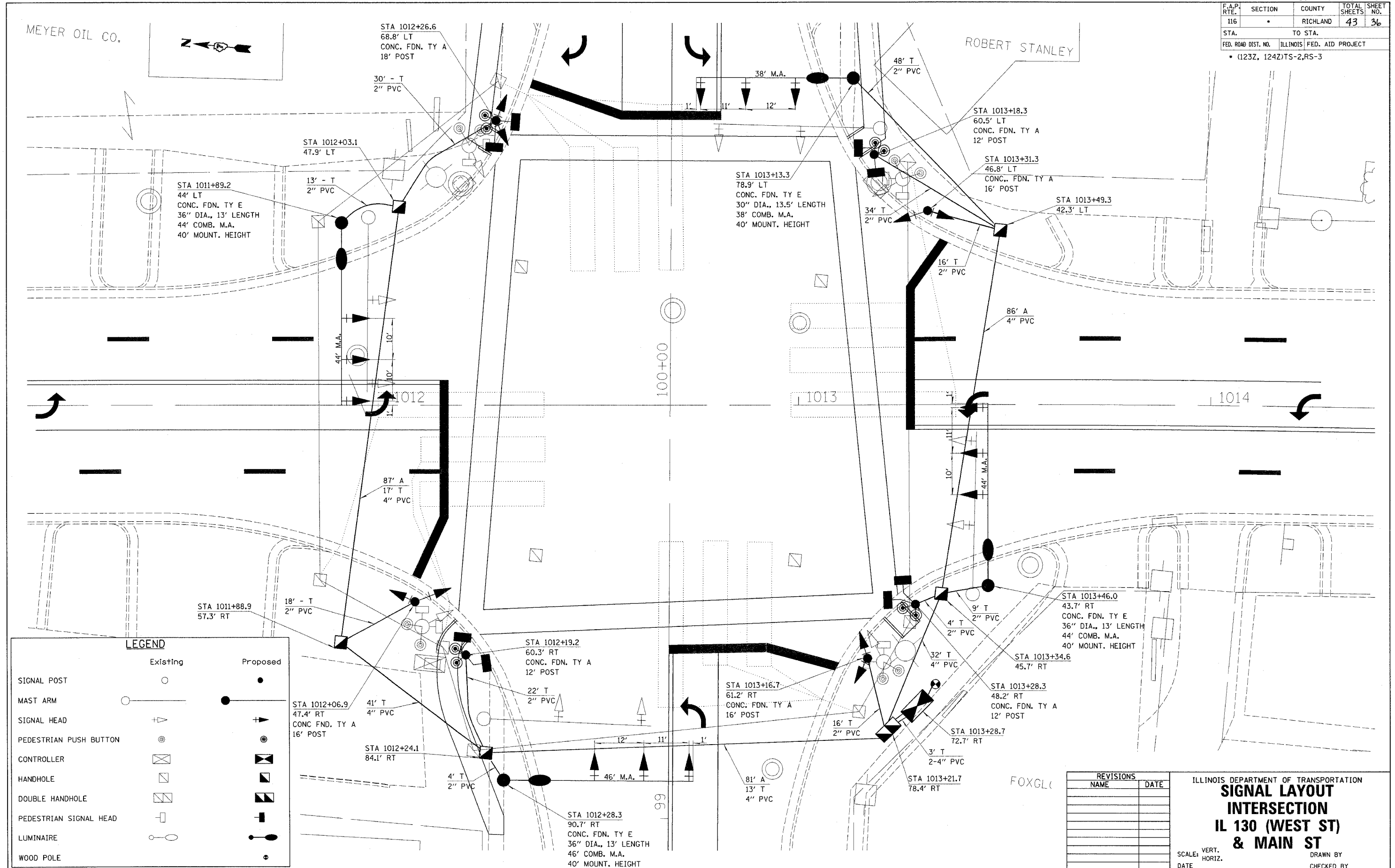
**BILL OF MATERIALS
IL 130 & MAIN ST**

SCALE: VERT. _____
HORIZ. _____

DATE _____ DRAWN BY _____
CHECKED BY _____

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---------|-------------|--------------|-----------|
| 116 | | RICHLAND | 43 | 36 |
| STA. 116 | | TO STA. 117 | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |
| • (123Z, 124Z)TS-2,RS-3 | | | | |

5/19/2006
c:\projc_1s\74161\1d\03406pa.dgn



LEGEND

| | Existing | Proposed |
|------------------------|----------|----------|
| SIGNAL POST | ○ | ● |
| MAST ARM | —○ | —● |
| SIGNAL HEAD | ⊕ | ⊕ |
| PEDESTRIAN PUSH BUTTON | ⊙ | ⊙ |
| CONTROLLER | ⊠ | ⊠ |
| HANDHOLE | ⊞ | ⊞ |
| DOUBLE HANDHOLE | ⊞⊞ | ⊞⊞ |
| PEDESTRIAN SIGNAL HEAD | ⊞ | ⊞ |
| LUMINAIRE | ⊞ | ⊞ |
| WOOD POLE | ⊞ | ⊞ |

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
SIGNAL LAYOUT INTERSECTION
IL 130 (WEST ST) & MAIN ST

SCALE: VERT. _____
HORIZ. _____

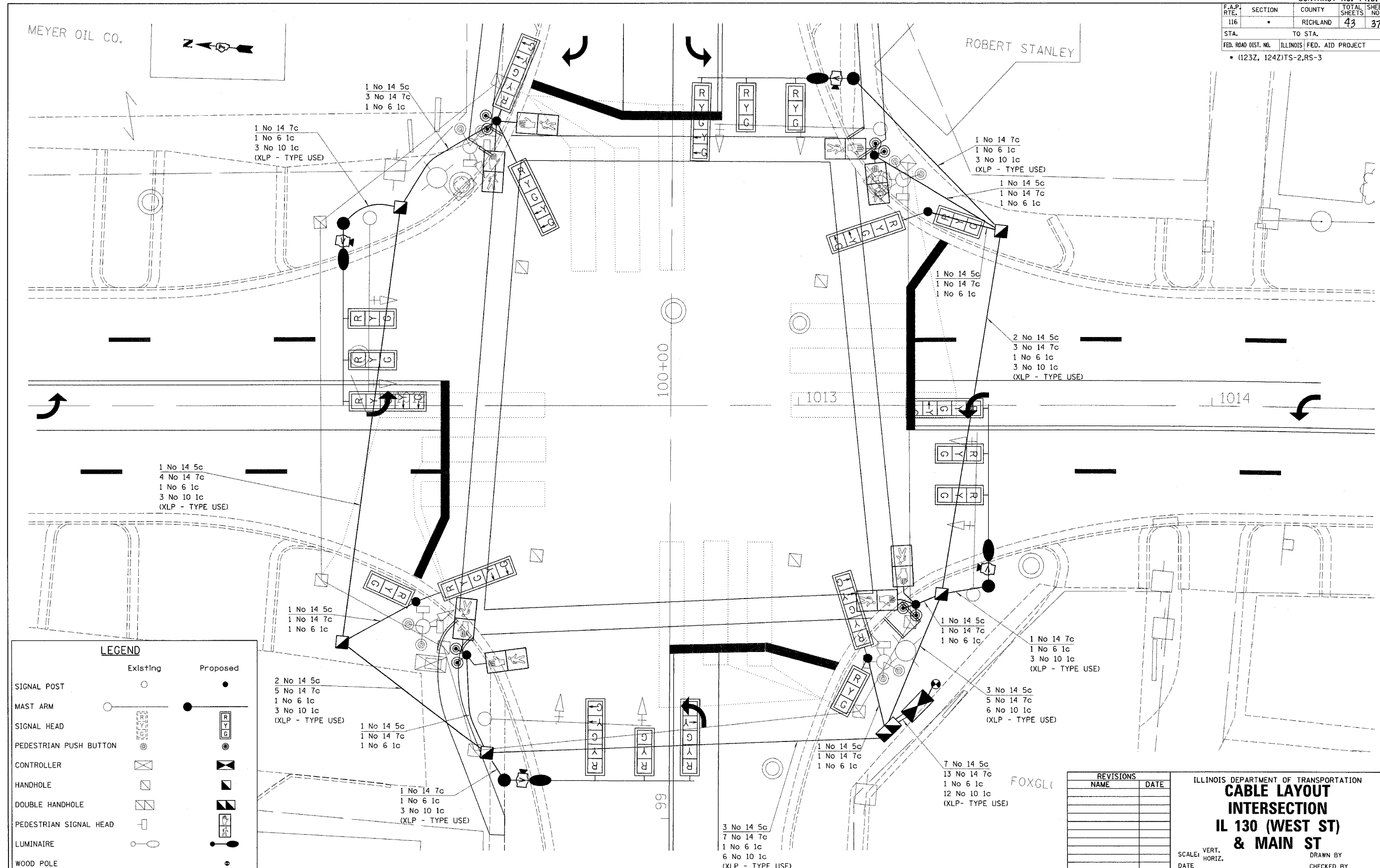
DATE _____ DRAWN BY _____
CHECKED BY _____

PLOT DATE = 5/19/2006
FILE NAME = 03406pa.dgn
PLOT SCALE = AS SHOWN
USER NAME = district

5/19/2006
 c:\projects\74161d\03406pa.dgn

CONTRACT NO. 74161

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------|---------|---------------------------|--------------|-----------|
| 116 | | RICHLAND | 43 | 37 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| • (123Z, 124Z)TS-2,RS-3 | | | | |



LEGEND

| | Existing | Proposed |
|------------------------|----------|----------|
| SIGNAL POST | ○ | ● |
| MAST ARM | — | — |
| SIGNAL HEAD | [Symbol] | [Symbol] |
| PEDESTRIAN PUSH BUTTON | [Symbol] | [Symbol] |
| CONTROLLER | [Symbol] | [Symbol] |
| HANDHOLE | [Symbol] | [Symbol] |
| DOUBLE HANDHOLE | [Symbol] | [Symbol] |
| PEDESTRIAN SIGNAL HEAD | [Symbol] | [Symbol] |
| LUMINAIRE | [Symbol] | [Symbol] |
| WOOD POLE | [Symbol] | [Symbol] |

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

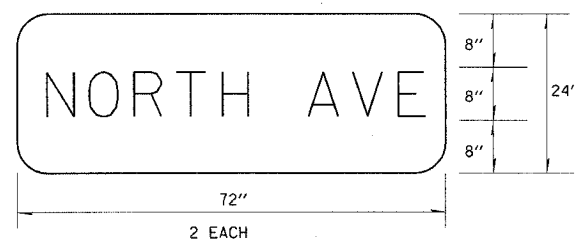
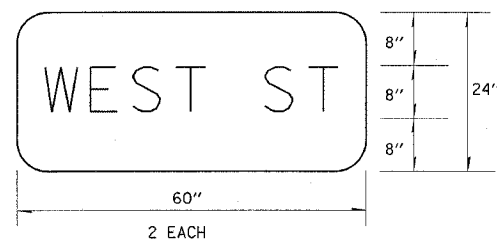
ILLINOIS DEPARTMENT OF TRANSPORTATION
**CABLE LAYOUT
 INTERSECTION
 IL 130 (WEST ST)
 & MAIN ST**
 SCALE: VERT. _____
 DATE _____ HORIZ. _____
 DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 5/19/2006
 PLOT SCALE = 1"=40'
 USER NAME = district

5/19/2006
 c:\projects\74161\d\03406pa.dgn

CONTRACT NO. 74161

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------|---------|---------------------------|--------------|-----------|
| 116 | * | RICHLAND | 43 | 38 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| * (123Z, 124Z)TS-2,RS-3 | | | | |



SIGN PANEL DETAILS

BILL OF MATERIALS - IL 130 & NORTH STREET

| ITEM | UNIT | QUANTITY |
|---|-------|----------|
| SIGN PANEL-TYPE 2 | SQ FT | 44.0 |
| CONDUIT IN TRENCH, 1 1/2" DIA., PVC | FOOT | 26.0 |
| CONDUIT IN TRENCH, 2" DIA., PVC | FOOT | 83.0 |
| TRENCH AND BACKFILL FOR ELECTRICAL WORK | FOOT | 109.0 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C | FOOT | 334.0 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C | FOOT | 1153.0 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C | FOOT | 600.0 |
| ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1-PAIR | FOOT | 226.0 |
| TRAFFIC SIGNAL POST, ALUMINUM 12 FT. | EACH | 1.0 |
| TRAFFIC SIGNAL POST, ALUMINUM 14 FT. | EACH | 1.0 |
| TRAFFIC SIGNAL POST, ALUMINUM 18 FT. | EACH | 1.0 |
| STEEL MAST ARM ASSEMBLY AND POLE, 26 FT. | EACH | 1.0 |
| STEEL MAST ARM ASSEMBLY AND POLE, 32 FT. | EACH | 1.0 |
| STEEL MAST ARM ASSEMBLY AND POLE, 38 FT. | EACH | 1.0 |
| STEEL MAST ARM ASSEMBLY AND POLE, 40 FT. | EACH | 1.0 |
| CONCRETE FOUNDATION, TYPE A | FOOT | 9.0 |
| CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER | FOOT | 37.0 |
| CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 13.0 |
| DRILL EXISTING HANDHOLE | EACH | 9.0 |
| TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC | EACH | 15.0 |
| INDUCTIVE LOOP DETECTOR | EACH | 1.0 |
| DETECTOR LOOP, TYPE 1 | FOOT | 882.0 |
| PEDESTRIAN PUSH-BUTTON | EACH | 2.0 |
| MODIFY EXISTING CONTROLLER | EACH | 1.0 |
| MODIFY EXISTING CONTROLLER CABINET | EACH | 1.0 |
| REMOVE ELECTRIC CABLE FROM CONDUIT | FOOT | 2217.0 |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1.0 |
| REMOVE EXISTING CONCRETE FOUNDATION | EACH | 4.0 |
| ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C | FOOT | 394.0 |
| SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 1.0 |
| SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED | EACH | 8.0 |
| SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED | EACH | 2.0 |
| SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION BRACKET MOUNTED | EACH | 2.0 |
| PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED | EACH | 2.0 |

PLOT DATE = 5/19/2006
 PLOT SCALE = 85/16
 USER NAME = dwtplot

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

**BILL OF MATERIALS
 IL 130 & NORTH AVE**

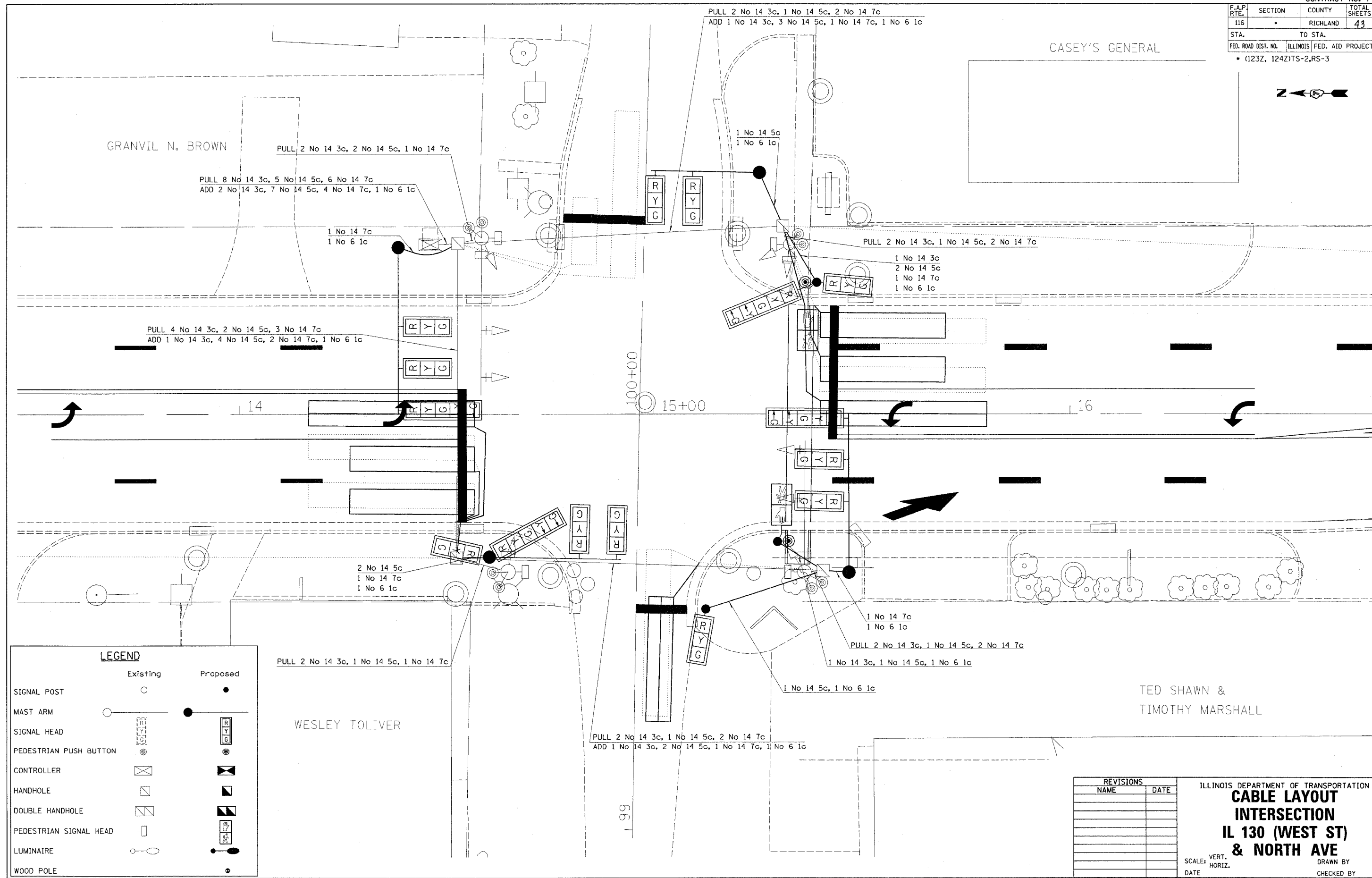
SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

5/19/2006
c:\projc\ts74161\d\03406pa.dgn

CONTRACT NO. 74161

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------|---------|---------------------------|--------------|-----------|
| 116 | * | RICHLAND | 43 | 40 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| * (123Z, 124Z)TS-2,RS-3 | | | | |



| LEGEND | |
|------------------------|----------|
| Existing | Proposed |
| SIGNAL POST | ○ |
| MAST ARM | —● |
| SIGNAL HEAD | [RYG] |
| PEDESTRIAN PUSH BUTTON | ⊗ |
| CONTROLLER | ⊗ |
| HANDHOLE | ⊠ |
| DOUBLE HANDHOLE | ⊠ |
| PEDESTRIAN SIGNAL HEAD | [P] |
| LUMINAIRE | ○ |
| WOOD POLE | ● |

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
CABLE LAYOUT INTERSECTION
IL 130 (WEST ST) & NORTH AVE
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____

PLOT DATE = #/19/2006
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

5/19/2006
c:\projects\74161\d\03406pa.dgn

CONTRACT NO. 74161

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------|---------|---------------------------|--------------|-----------|
| 116 | * | RICHLAND | 43 | 41 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |
| * (123Z, 124Z)TS-2,RS-3 | | | | |



Illinois Department of Transportation
Division of Highways
Ill. Dept. of Trans. D-7

SOIL BORING LOG

Page 1 of 1

Date 4/20/06

ROUTE FAP 116 (IL 130) DESCRIPTION TS Mast Arm Pdns - Olney - IL 130 & Parker Street LOGGED BY E. Sandschafer
SECTION (123Z,124Z)TS-2,RS-3 LOCATION Sec 33 - E 12, Sec 34 - W 12, SEC., TWP. 4 N, RNG. 10 E, 3 PM
COUNTY Richland DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

| STRUCT. NO. | Station | Offset | Ground Surface Elev. | D | B | U | M | Surface Water Elev. | Stream Bed Elev. | Groundwater Elev.: | First Encounter | Upon Completion | After | Hrs. | borings | D | B | U | M | |
|--|---------|--------|----------------------|------|------|-------|-----|---------------------|------------------|--------------------|-----------------|-----------------|-------|------|---------|------|------|-------|-----|--|
| | | | ft | (ft) | (6") | (tsf) | (%) | ft | ft | ft | ft | ft | ft | | | (ft) | (6") | (tsf) | (%) | |
| | | | 299.71 | | | | | NA | NA | 292.2 | 292.2 | Washed | | | | | | | | |
| 17 12" Asphalt pavement. | | | | | | | | | | | | | | | | | | | | |
| Very stiff, damp, red, CLAY. | | | | | | | | | | | | | | | | | | | | |
| Oil & chip piece in sampler this trip. | | | | | | | | | | | | | | | | | | | | |
| Very soft, very wet, gray, MUCK. | | | | | | | | | | | | | | | | | | | | |
| Very stiff, damp, red mottled gray, CLAY. | | | | | | | | | | | | | | | | | | | | |
| Fine grained, SAND, 11% passing #200 sieve. | | | | | | | | | | | | | | | | | | | | |
| Hard, damp, red/gray, SANDY CLAY TILL. | | | | | | | | | | | | | | | | | | | | |
| Red, fine grained, SAND, 15% passing #200 sieve. | | | | | | | | | | | | | | | | | | | | |
| Hard, moist, gray, SANDY CLAY TILL. | | | | | | | | | | | | | | | | | | | | |
| Extent of exploration. | | | | | | | | | | | | | | | | | | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
Ill. Dept. of Trans. D-7

SOIL BORING LOG

Page 1 of 1

Date 4/20/06

ROUTE FAP 116 (IL 130) DESCRIPTION TS Mast Arm Pdns - Olney - IL 130 & Parker Street LOGGED BY E. Sandschafer
SECTION (123Z,124Z)TS-2,RS-3 LOCATION Sec 33 - E 12, Sec 34 - W 12, SEC., TWP. 4 N, RNG. 10 E, 3 PM
COUNTY Richland DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

| STRUCT. NO. | Station | Offset | Ground Surface Elev. | D | B | U | M | Surface Water Elev. | Stream Bed Elev. | Groundwater Elev.: | First Encounter | Upon Completion | After | Hrs. | borings | D | B | U | M | |
|---|---------|--------|----------------------|------|------|-------|-----|---------------------|------------------|--------------------|-----------------|-----------------|-------|------|---------|------|------|-------|-----|--|
| | | | ft | (ft) | (6") | (tsf) | (%) | ft | ft | ft | ft | ft | ft | | | (ft) | (6") | (tsf) | (%) | |
| | | | 299.98 | | | | | NA | NA | 290.5 | 290.5 | Hole caved | | | | | | | | |
| 17 12" Asphalt pavement. | | | | | | | | | | | | | | | | | | | | |
| Stiff, damp, brown/red/gray, CLAY w/fine gravel. | | | | | | | | | | | | | | | | | | | | |
| Medium, wet, brown, fine grained, SAND, 11% passing #200 sieve. | | | | | | | | | | | | | | | | | | | | |
| Hard, damp, gray, SANDY CLAY TILL. | | | | | | | | | | | | | | | | | | | | |
| Hard, very moist, gray, CLAY TILL. | | | | | | | | | | | | | | | | | | | | |
| Extent of exploration. | | | | | | | | | | | | | | | | | | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
**BORING LOGS
INTERSECTION
IL 130 (WEST ST)
& PARKER ST**
SCALE: VERT. HORIZ.
DATE: DRAWN BY: CHECKED BY:

PLOT DATE = 5/19/2006
PLOT SCALE = AS SHOWN
USER NAME = dstrout

5/19/2006
c:\projec_74161\d03406pa.dgn

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------|----------|------------------|--------------|-----------|
| 116 | | RICHLAND | 43 | 43 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| • (123Z, 124Z)TS-2,RS-3 | | | | |



Illinois Department of Transportation
Division of Highways
Ill. Dept. of Trans. D-7

SOIL BORING LOG

Date 4/20/06

ROUTE FAP 116 (IL 130) DESCRIPTION TS Mast Arm Fdns - Olney - IL 130 & North Ave LOGGED BY E. Sandschafer

SECTION (123Z,124Z)TS-2,RS-3 LOCATION Sec 3 - NW 14, Sec 4 - NE 14, SEC., TWP. 3 N, RNG. 10 E, 3 PM

COUNTY Richland DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

| STRUCT. NO. | gINT file | D | B | U | M | Surface Water Elev. | ft | D | B | U | M |
|---|-----------|------|------|-------|-----|---|------------|-------|------|-------|-----|
| Station | 080-ts01 | E | L | C | O | Stream Bed Elev. | ft | E | L | C | O |
| BORING NO. | 1 | T | W | S | I | Groundwater Elev.: | | T | W | S | I |
| Station | 15+38 | H | S | Qu | T | First Encounter | 84.6 | H | S | Qu | T |
| Offset | 24.00R Lt | (ft) | (6") | (tsf) | (%) | Upon Completion | Hole caved | (ft) | (6") | (tsf) | (%) |
| Ground Surface Elev. | 99.08 | | | | | After | Hrs. | | | | |
| 16 34" Asphalt pavement. | | | | | | | | 35 | 6.0 | 7 | |
| | | | | | | | | 50.4" | S | | |
| | 97.68 | | | | | Extent of exploration. | | | | | |
| Stiff, damp, gray, CLAY. | | | | | | Benchmark: TBM painted square on SW corner of traffic controller cabinet foundation 40' Lt, Station 14+56 = assumed 100.00' | | | | | |
| | | 3 | | | | | | | | | |
| | | 5 | 2.0 | | 22 | | | | | | |
| | | 5 | B | | | | | | | | |
| | | | | | | | | | | | |
| | | 0 | | | | | | | | | |
| | | 1 | 1.1 | | 22 | | | | | | |
| | | 3 | B | | | | | | | | |
| | | | | | | | | | | | |
| Few organics and fine gravel. | | 1 | | | | | | | | | |
| | | 2 | 1.7 | | 20 | | | | | | |
| | | 4 | B | | | | | | | | |
| | | | | | | | | | | | |
| | | 2 | | | | | | | | | |
| | | 4 | 1.9 | | 17 | | | | | | |
| | | 5 | B | | | | | | | | |
| | | | | | | | | | | | |
| | | 3 | | | | | | | | | |
| Very stiff, damp, red, CLAY LOAM TILL. | 86.38 | 8 | 3.6 | | 14 | | | | | | |
| | | 17 | B | | | | | | | | |
| | | | | | | | | | | | |
| Medium, wet, brown, fine grained, SAND. 9% passing #200 sieve. | 84.58 | 2 | | | 16 | | | | | | |
| | | 12 | | | | | | | | | |
| Hard, gray, CLAY TILL. | 83.38 | 13 | | | | | | | | | |
| | | | | | | | | | | | |
| Very stiff, very moist, gray, SANDY LOAM. | 82.08 | 18 | | | 14 | | | | | | |
| | | 41 | 2.3 | | | | | | | | |
| Hard, very moist, gray, CLAY LOAM TILL w/fine gravel and sandstone fragments. | 80.68 | 46 | S | | | | | | | | |
| | | | | | | | | | | | |
| | | 11 | | | | | | | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
Ill. Dept. of Trans. D-7

SOIL BORING LOG

Date 4/26/06

ROUTE FAP 116 (IL 130) DESCRIPTION TS Mast Arm Fdns - Olney - IL 130 & North Ave LOGGED BY E. Sandschafer

SECTION (123Z,124Z)TS-2,RS-3 LOCATION Sec 3 - NW 14, Sec 4 - NE 14, SEC., TWP. 3 N, RNG. 10 E, 3 PM

COUNTY Richland DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

| STRUCT. NO. | gINT file | D | B | U | M | Surface Water Elev. | ft | D | B | U | M |
|---|-----------|------|------|-------|-----|---------------------|------|------|------|-------|-----|
| Station | 080-ts01 | E | L | C | O | Stream Bed Elev. | ft | E | L | C | O |
| BORING NO. | 2 | T | W | S | I | Groundwater Elev.: | | T | W | S | I |
| Station | 14+36 | H | S | Qu | T | First Encounter | Dry | H | S | Qu | T |
| Offset | 40.00R Lt | (ft) | (6") | (tsf) | (%) | Upon Completion | 88.4 | (ft) | (6") | (tsf) | (%) |
| Ground Surface Elev. | 100.36 | | | | | After | Hrs. | | | | |
| Topsoil. | | | | | | | | | | | |
| Medium to stiff, damp, brown/red/gray, CLAY. | | | | | | | | | | | |
| | | 5 | | | | | | | | | |
| | | 6 | 1.5 | | 19 | | | | | | |
| | | 10 | B | | | | | | | | |
| | | | | | | | | | | | |
| | | 3 | | | | | | | | | |
| No recovery this trip, possible rock stuck in sampler shoe. | | 2 | | | | | | | | | |
| | | 2 | | | | | | | | | |
| | | | | | | | | | | | |
| | | 4 | | | | | | | | | |
| with few fine gravel and sand. | | 6 | 1.3 | | 21 | | | | | | |
| | | 10 | B | | | | | | | | |
| | | | | | | | | | | | |
| | | 3 | | | | | | | | | |
| | | 5 | 1.0 | | 17 | | | | | | |
| | | 6 | B | | | | | | | | |
| | | | | | | | | | | | |
| | | 15 | | | | | | | | | |
| Hard, very moist, gray, CLAY TILL. | 87.86 | 23 | 7.3 | | 9 | | | | | | |
| | | 26 | B | | | | | | | | |
| | | | | | | | | | | | |
| | | 12 | | | | | | | | | |
| | | 18 | +9.2 | | 8 | | | | | | |
| | | 24 | DNF | | | | | | | | |
| | | | | | | | | | | | |
| | | 7 | | | | | | | | | |
| | | 14 | 5.3 | | 11 | | | | | | |
| | | 26 | B | | | | | | | | |
| | | | | | | | | | | | |
| Extent of exploration. | 81.86 | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
BORING LOGS
INTERSECTION
IL 130 (WEST ST)
& NORTH AVE
SCALE: VERT. _____
DATE: _____ HORIZ. _____
DRAWN BY _____
CHECKED BY _____

5/19/2006
PLOT DATE = 5/19/2006
FILE NAME = 74161.d03406pa.dgn
PLOT SCALE = AS IS
USER NAME = district