

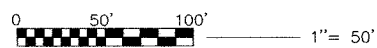
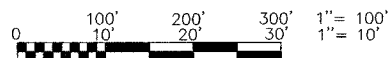
**SMITH ENGINEERING CONSULTANTS, INC.**  
 CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS  
 4500 PRIME PARKWAY, SUITE 201  
 MCHENRY, ILLINOIS 60050  
 PH: 815-385-1770 FAX: 815-385-1781  
 www.smithengineering.com E-MAIL: sec@smithengineering.com  
 MCHENRY HUNTLEY YORKVILLE  
 ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
**PLANS FOR PROPOSED  
 FEDERAL AID HIGHWAY**

F.A.U. 168 : JOHNSBURG ROAD  
 CHAPEL HILL ROAD TO RINGWOOD ROAD  
 MILLING AND RESURFACING  
 SECTION NO. 05-00010-00-RS  
 PROJECT NO. M-8003(610)  
 VILLAGE OF JOHNSBURG  
 MCHENRY COUNTY  
 C-91-283-06

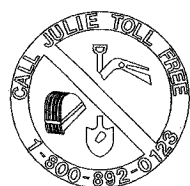
FOR INDEX OF SHEETS, SEE SHEET NO. 2

SCALES  
 PLAN: 1" = 20'  
 PROFILE HORIZ.: 1" = 20'  
 PROFILE VERT.: 1" = 5'  
 CROSS SECTIONS HORIZ.: 1" = 2'  
 CROSS SECTIONS VERT.: 1" = 5'



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.

PROJECT LOCATED IN THE  
 VILLAGE OF JOHNSBURG

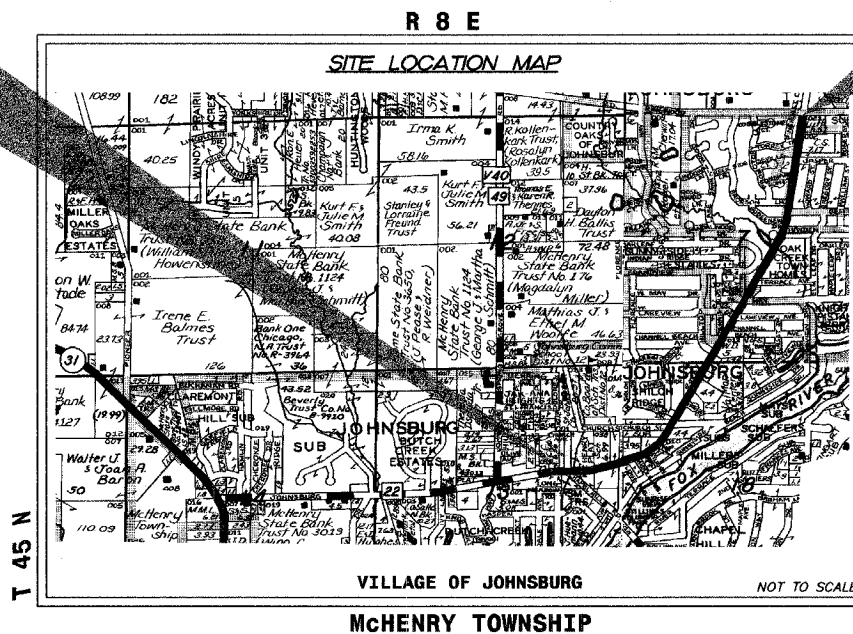


CALL JULIE 1-800-892-0123

WITH THE FOLLOWING:  
 COUNTY MCHENRY  
 CITY-TOWNSHIP JOHNSBURG - MCHENRY  
 SEC. & 1/4 SEC. NO. # 26

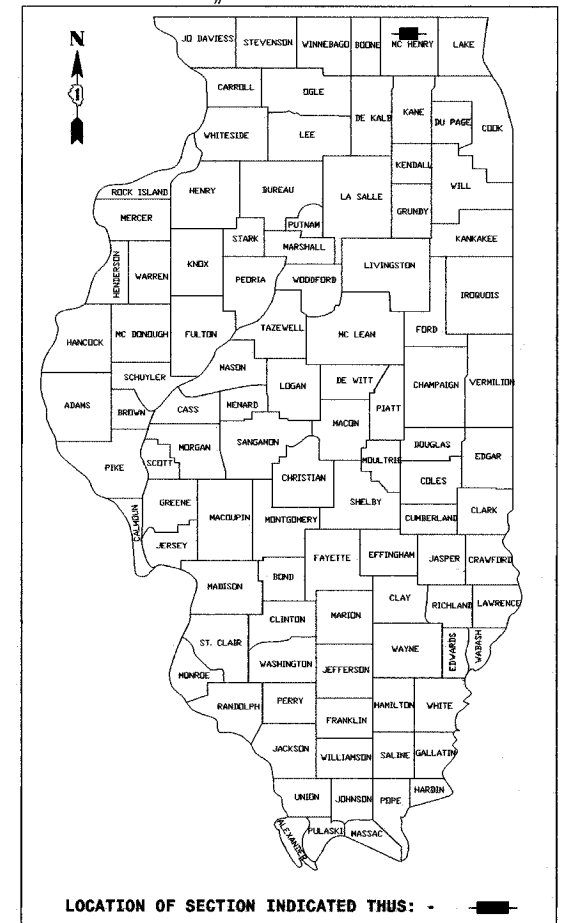
48 hours before you dig  
 (Excluding Sat., Sun. & Holidays)

CONTRACT NO. 83854



GROSS LENGTH OF PROJECT = 9,907 FEET = 1.876 MILES  
 NET LENGTH OF PROJECT = 9,907 FEET = 1.876 MILES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00010-00-RS	MCHENRY	25	1
PROJECT NO.				
FED. ROAD DIST. NO. 1 ILLINOIS HIGHWAY PROJECT 1				
CONTRACT # 83854				



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

APPROVED MARCH 10 2006  
 LOCAL AGENCY OFFICIAL

PASSED APRIL 12 2006  
 LOCAL ROADS ENGINEER

SIGNED April 12 2006  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

PRINTED BY AUTHORITY OF THE  
 STATE OF ILLINOIS

PROFESSIONAL ENGINEER'S SIGN & SEAL

Theodore E. Hamilton  
 THEODORE E. HAMILTON P.E.  
 3/8/06

DATE: 11/30/07  
 LICENSE EXPIRES:

FEDERAL AID DESIGN ENGINEER: JESSICA MILLER (847) 705-4487

PLOT FILE GEN  
 DATE FILE  
 03/10/06-611.DWG

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00010-00-RS	MCHENRY	25	2
STA.	TO STA.			
FED. ROAD DIST. NO. 1			ILLINOIS HIGHWAY PROJECT	
CONTRACT # 83854				

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 INDEX OF SHEETS, LIST OF STATE STANDARDS, GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5-13 ROADWAY PLAN
- 14-22 PAVEMENT MARKING PLAN
- 23 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS INTERSECTIONS AND DRIVEWAYS, DRIVEWAYS
- 24 DISTRICT 1 TYPICAL PAVEMENT MARKINGS, DISTRICT 1 DETAIL
- 25 BUTT JOINT AND BITUMINOUS TAPER DETAILS, DISTRICT 1 DETAIL

**GENERAL NOTES**

- 1 THE CONTRACTOR WILL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH BARRICADE USED. (TYPE I OR TYPE II (ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.) ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR (4) SANDBAGS PER BARRICADE.
- 2 FORTY-EIGHT HOURS BEFORE STARTING EXCAVATION THE CONTRACTOR WILL CALL J.U.L.I.E. (1-800-892-0123) TO HAVE THE LOCATION OF EXISTING UTILITIES STAKED.
- 3 THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF JOHNSBURG.
- 4 THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON VILLAGE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE VILLAGE.
- 5 BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE BUTT JOINT AND BITUMINOUS TAPER DETAILS SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- 6 THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.
- 7 THE BITUMINOUS MATERIAL PRIME COAT QUANTITIES HAVE BEEN DETERMINED USING A RATE OF 0.10 GAL/SQ-YD.
- 8 PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IN ADDITION, THE CONTRACTOR MUST VERIFY THE ENGINEER'S LINE AND GRADE STAKES. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO THE ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTIONS, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- 9 SAW CUTTING WILL BE REQUIRED FOR ALL REMOVAL ITEMS LISTED IN SECTION 440 OF THE STANDARD SPECIFICATIONS, SHOWN IN THE PLANS, AND AS DIRECTED BY THE ENGINEER. THE COST OF SAW CUTTING WILL BE INCLUDED IN THE COST OF ITEMS BEING REMOVED.
- 10 QUANTITIES FOR CURB AND GUTTER REMOVAL AND REPLACEMENT, PATCHING, SIDEWALK AND DRIVEWAYS SHALL NOT EXCEED THOSE PROVIDED IN THE SUMMARY OF QUANTITIES.
- 11 PAVEMENT PATCHING SHALL BE COMPLETED PRIOR TO ANY BITUMINOUS SURFACE REMOVAL. ALL PATCHING SHALL BE FULL DEPTH AND CONSTRUCTED UP TO THE EXISTING SURFACE ELEVATION.

**LIST OF STATE STANDARDS**

STANDARD NO.	LIST OF DESCRIPTION
000001-04	STANDARD SYMBOLS ABBREVIATIONS AND PATTERNS
424001-04	CURB RAMPS FOR SIDEWALKS
442201-01	CLASS C AND D PATCHES
606001-02	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701501-03	URBAN LANE CLOSURE 2L, 2W UNDIVIDED
701701-04	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-03	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
702001-06	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS

**SYMBOL LEGEND**

	EXISTING	PROPOSED
SANITARY MANHOLE	⊙	⊙
STORM MANHOLE	⊙	⊙
STORM CATCH BASIN	○	●
INLET	□	■
FLARED END SECTION	▭	▭
VALVE VAULT	⊙	⊙
FIRE HYDRANT	▽	▽
LIGHT POLE	✱	✱
STREET SIGN	+	+
REGULATORY SIGN	⊥	⊥
UTILITY POLE	⊥	⊥
UTILITY BOX	⊞	⊞
MAILBOX	⊞	⊞
WELL	⊙	⊙
SANITARY SEWER	—	—
STORM SEWER	—	—
CULVERT	—	—
WATER MAIN	—	—
WATER MAIN ENCASUREMENT	—	—
STORM UNDERDRAIN	—	—
ELECTRIC LINE	—	—
TELEPHONE LINE	—	—
GAS LINE	—	—
CABLE TV LINE	—	—
TREELINE	⊙	⊙
TREE	⊙	⊙
FENCE	—	—
EROSION CONTROL FENCE	—	—
DITCH CHECK	—	—
DRAINAGE ARROW	→	→
100 YEAR OVERFLOW	→	→

**SITE BENCHMARKS**

- BM 1:  
NORTHWEST MOST POINT OF CONCRETE RETAINING WALL FRONTING 2213 AND ABUTTING "HETTERMAN'S TAVERN" SOUTH SIDE OF JOHNSBURG ROAD.  
ELEVATION = 756.35
- BM 2:  
RAILROAD SPIKE SET IN POWER POLE ON WEST SIDE OF JOHNSBURG ROAD ACROSS FROM IVY LANE.  
ELEVATION = 752.95
- BM 3:  
RAILROAD SPIKE SET IN POWER POLE ON WEST SIDE OF JOHNSBURG ROAD JUST NORTH OF DRIVE TO 4511.  
ELEVATION = 774.25
- BM 3:  
RAILROAD SPIKE SET IN WEST FACE OF POWER POLE APPROXIMATELY 150' SOUTH OF RINGWOOD ROAD AT FENCE LINE EAST SIDE OF JOHNSBURG ROAD.  
ELEVATION = 830.49

**STANDARD ABBREVIATIONS**

- B-B - BACK TO BACK OF CURB
- B.C. - BACK OF CURB
- B.O.C. - BACK OF CURB
- B.S.L. - BUILDING SETBACK LINE
- C.B. - STORM CATCH BASIN
- C.E. - COMMONWEALTH EDISON CO.
- D.E. - DRAINAGE EASEMENT
- E-E - EDGE TO EDGE OF PAVEMENT
- E.O.P. - EDGE OF PAVEMENT
- E.O.S. - EDGE OF SHOULDER
- E.P. - EDGE OF PAVEMENT
- E.S. - EDGE OF SHOULDER
- F.E.S. - FLARED END SECTION
- I.B.T. - ILLINOIS BELL TELEPHONE CO.
- L.E. - LANDSCAPE EASEMENT
- M.H. - MANHOLE (TYPE SPECIFIED ON PLANS)
- R.O.W. - RIGHT OF WAY
- T.B.F. - TRENCH BACKFILL
- T.C. - TOP OF CURB
- T.C.E. - TEMPORARY CONSTRUCTION EASEMENT
- T.O.B. - TOP OF BERM
- T.O.C. - TOP OF CURB
- U.E. - UTILITY EASEMENT

REVISIONS	
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 MCHENRY HUNTLEY YORKVILLE  
 ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

ILLINOIS DEPARTMENT OF TRANSPORTATION

VILLAGE OF JOHNSBURG  
 JOHNSBURG ROAD  
 GENERAL NOTES AND  
 LIST OF STATE STANDARDS

SCALE:  
 DATE 01-10-06

DRAWN BY TK  
 CHECKED BY TH

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	URBAN CONSTRUCTION TYPE CODE
			ROADWAY 80% FEDERAL 20% LOCAL 1000
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	4,176
40600300	AGGREGATE (PRIME COAT)	TON	83
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	2,186
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	863
42400800	DETECTABLE WARNINGS	SQ FT	143
44000600	SIDEWALK REMOVAL	SQ FT	993
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	826
44201737	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	442
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	575
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	610
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	433
48101200	AGGREGATE SHOULDERS, TYPE B	TON	945
67100100	MOBILIZATION	L SUM	1
70101800	TRAFFIC CONTROL AND PROTECTION, SPECIAL	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	2,160
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	556
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	35,610
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,820
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	328
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	460
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	180
X4066426	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70	TON	4,946
X4066770	LEVELING BINDER (MACHINE METHOD), SUPERPAVE, N70	TON	1,595
Z0017400	DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED	EACH	5
Xx006553	BITUMINOUS SURFACE REMOVAL - 0 TO 1 3/4"	SQ YD	5,756
Xx006554	BITUMINOUS SURFACE REMOVAL - BUTT JOINT DRIVEWAY	SQ YD	353

\* SPECIALTY ITEM

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00010-00-RS	MCHENRY	25	3
STA.	TO STA.			
FED. ROAD DIST. NO. 1		ILLINOIS HIGHWAY PROJECT		

CONTRACT # 83854

**SMITH ENGINEERING CONSULTANTS, INC.**  
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 \* MCHENRY \* HUNTLEY \* YORKVILLE  
 ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

ILLINOIS DEPARTMENT OF TRANSPORTATION

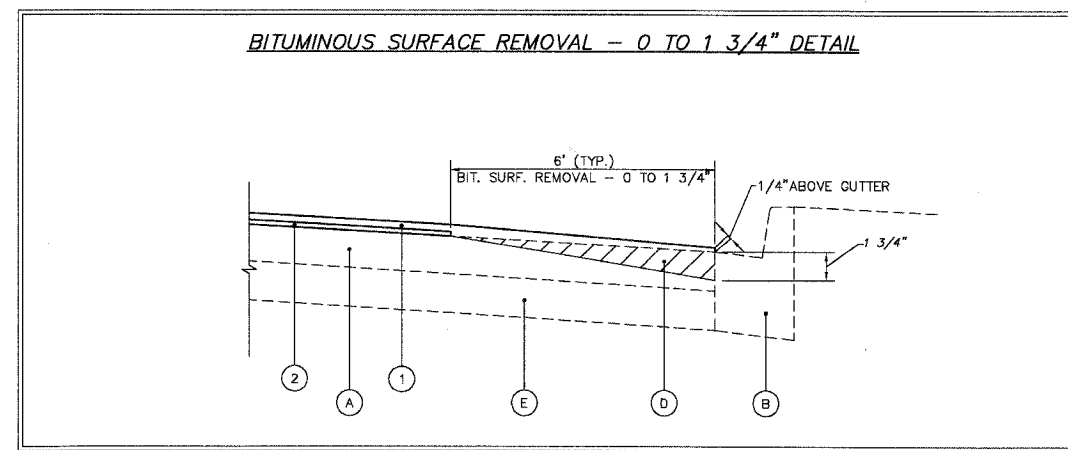
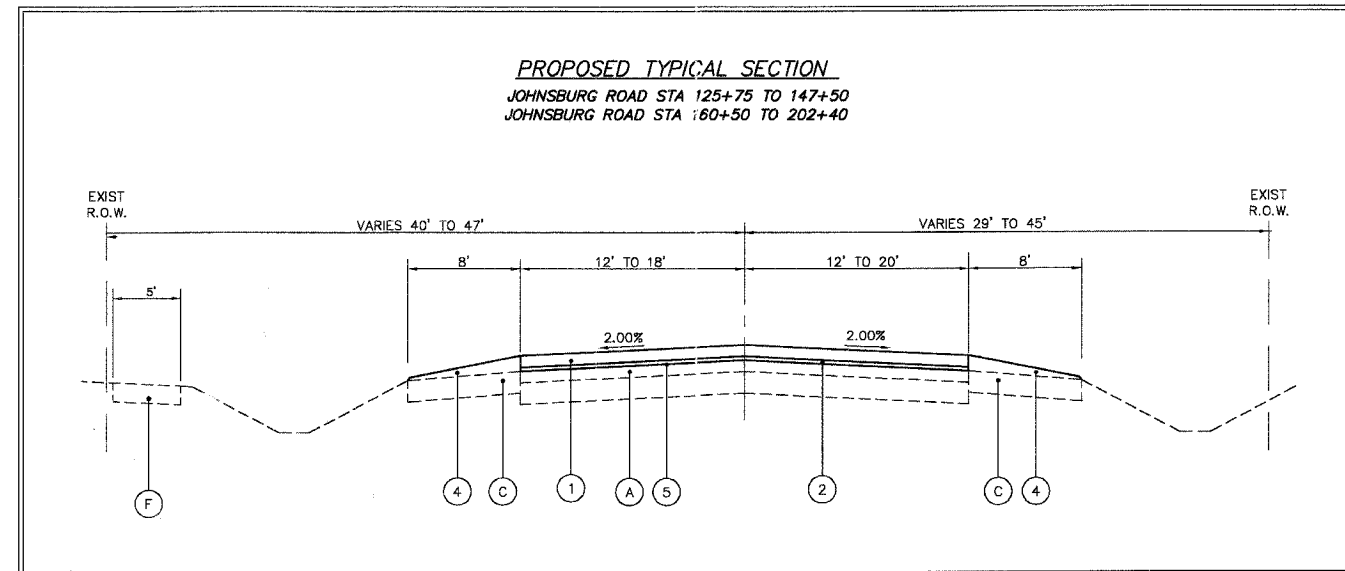
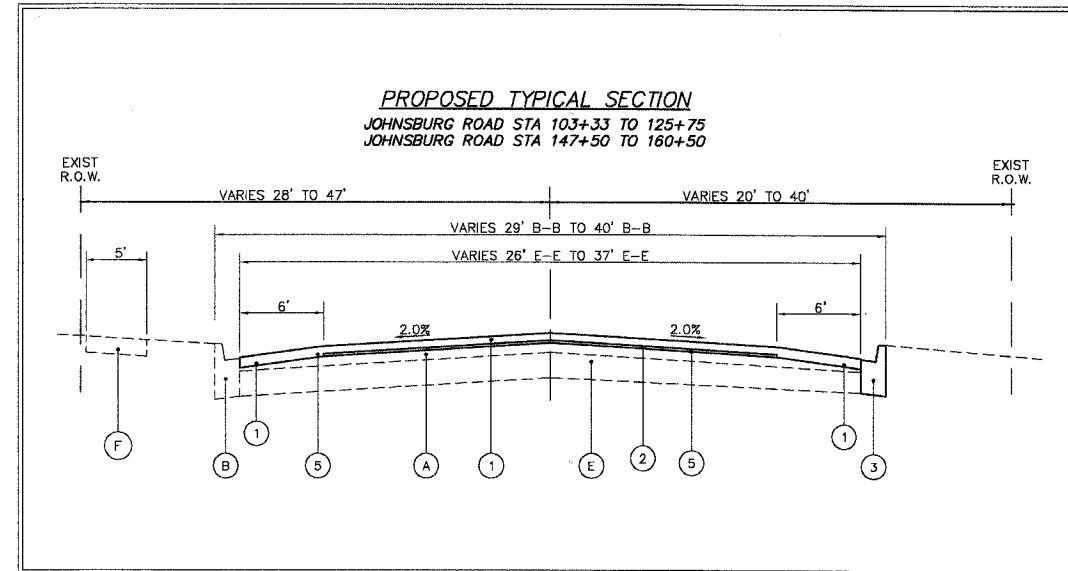
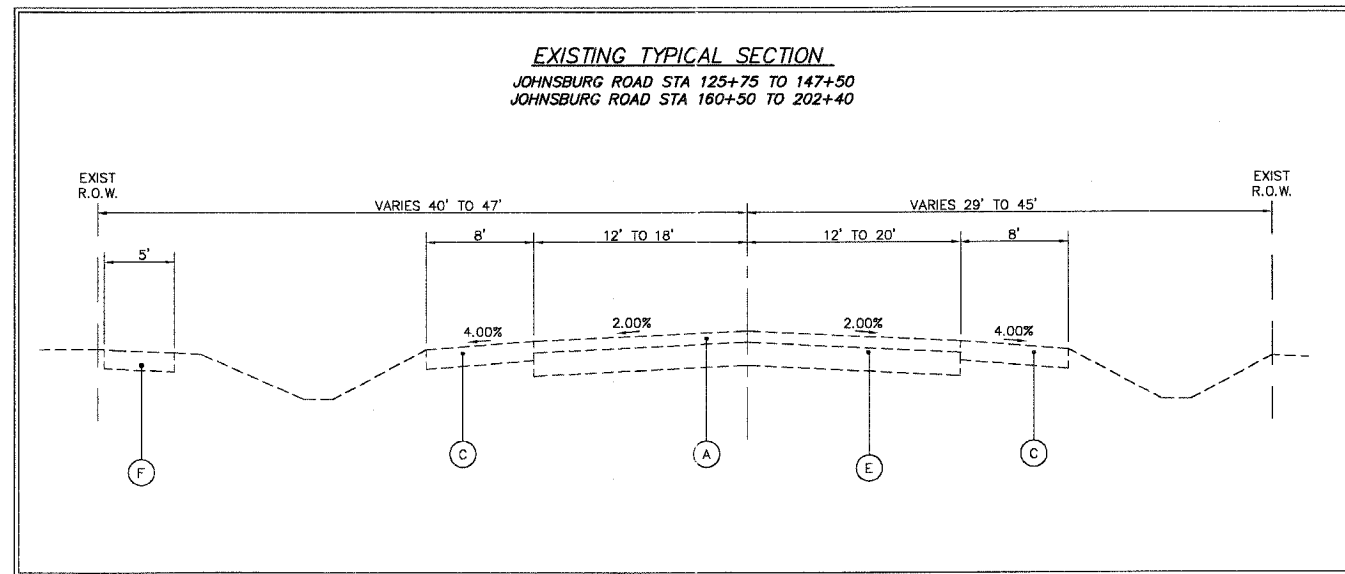
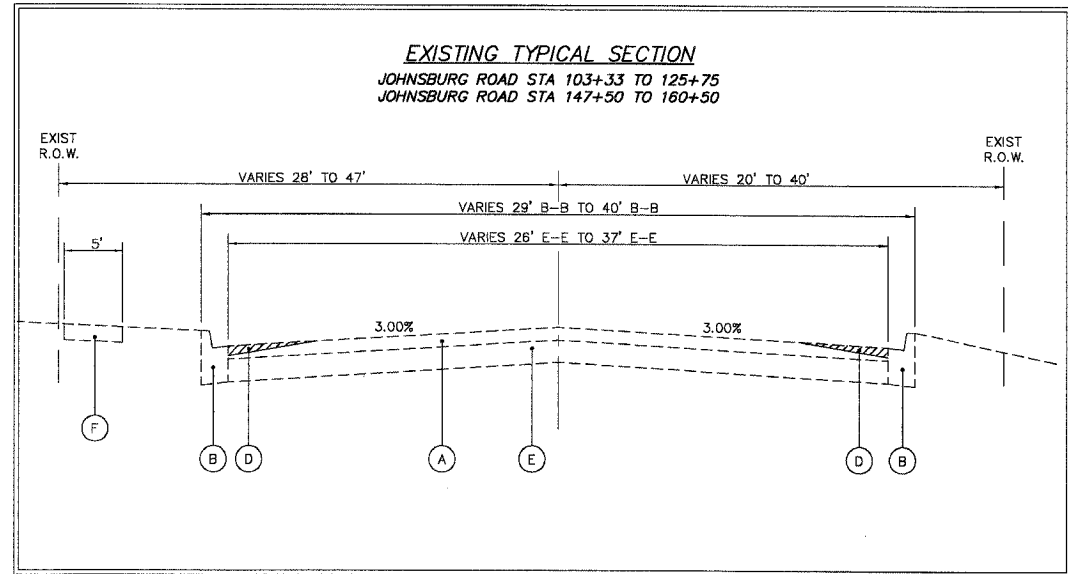
VILLAGE OF JOHNSBURG  
 JOHNSBURG ROAD  
 SUMMARY OF QUANTITIES

SCALE:  
 DATE 01-10-06

DRAWN BY TK  
 CHECKED BY TEH

REVISIONS	
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**EXISTING LEGEND**

- (A) EXISTING BITUMINOUS PAVEMENT
- (B) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 OR B-6.24
- (C) EXISTING AGGREGATE SHOULDER
- (D) PROPOSED BITUMINOUS SURFACE REMOVAL - 0 TO 1 3/4"
- (E) EXISTING AGGREGATE BASE
- (F) EXISTING SIDEWALK

**PROPOSED LEGEND**

- (1) BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N70, 2"
- (2) LEVELING BINDER (MACHINE METHOD), SUPERPAVE, N70, 3/4"
- (3) COMBINATION CONCRETE CURB AND GUTTER, REMOVAL AND REPLACEMENT (SPOT REPAIRS)
- (4) AGGREGATE SHOULDERS, TYPE B (TONS)
- (5) BITUMINOUS MATERIALS (PRIME COAT)

BITUMINOUS MIXTURE REQUIREMENT			
ITEM DESCRIPTION	AC TYPE	VOIDS	RAP %
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N70	PG 64-22	4% @ 70 Gyr.	10%
LEVELING BINDER (MACHINE METHOD), SUPERPAVE, N70	PG 64-22	4.0% @ 70 Gyr.	10%
CLASS D PATCHES, BINDER IL-19, B <sup>B</sup>	PG 64-22	4.0% @ 70 Gyr.	15%

THE UNIT WEIGHT USED TO CALCULATE BITUMINOUS SURFACE MIXTURE IS 112 LB/SY PER INCH THICKNESS.

REVISIONS	
NAME	DATE

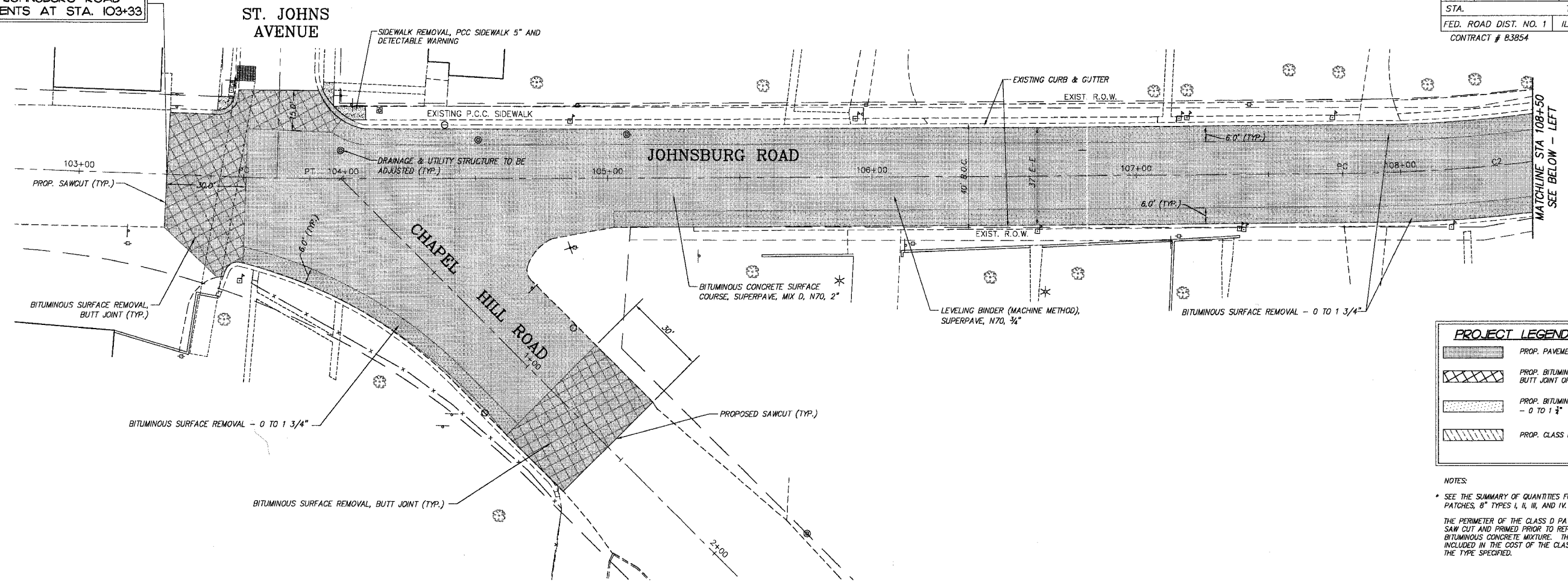
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 \* MCHENRY \* HUNTER \* YORKVILLE  
 ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**VILLAGE OF JOHNSBURG**  
 JOHNSBURG ROAD  
 TYPICAL SECTIONS

SCALE: N.T.S.  
 DATE 12-28-05  
 DRAWN BY TK  
 CHECKED BY TEH

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00010-00-RS	MCHENRY	25	5
STA.	TO STA.			
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	
CONTRACT # 83854				

BEGIN JOHNSBURG ROAD IMPROVEMENTS AT STA. 103+33



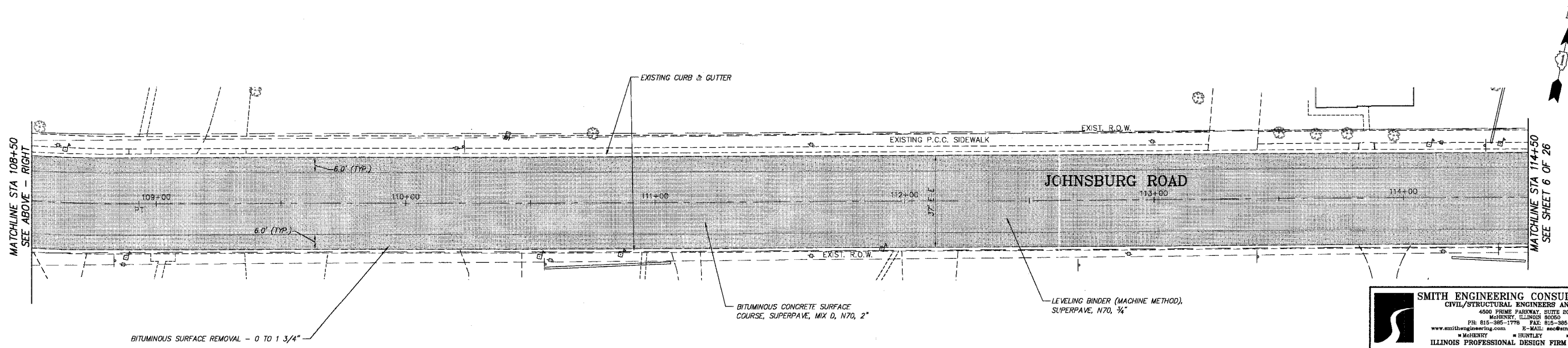
**PROJECT LEGEND:**

- PROP. PAVEMENT RESURFACING AREA
- PROP. BITUMINOUS SURFACE REMOVAL BUTT JOINT OR BUTT JOINT DRIVEWAY
- PROP. BITUMINOUS SURFACE REMOVAL - 0 TO 1 3/4"
- PROP. CLASS D PATCHES, 8" \*

**NOTES:**

\* SEE THE SUMMARY OF QUANTITIES FOR CLASS D PATCHES, 8" TYPES I, II, III, AND IV.

THE PERIMETER OF THE CLASS D PATCHES SHALL BE SAW CUT AND PRIMED PRIOR TO REPLACEMENT WITH THE BITUMINOUS CONCRETE MIXTURE. THIS WORK IS INCLUDED IN THE COST OF THE CLASS D PATCHES OF THE TYPE SPECIFIED.



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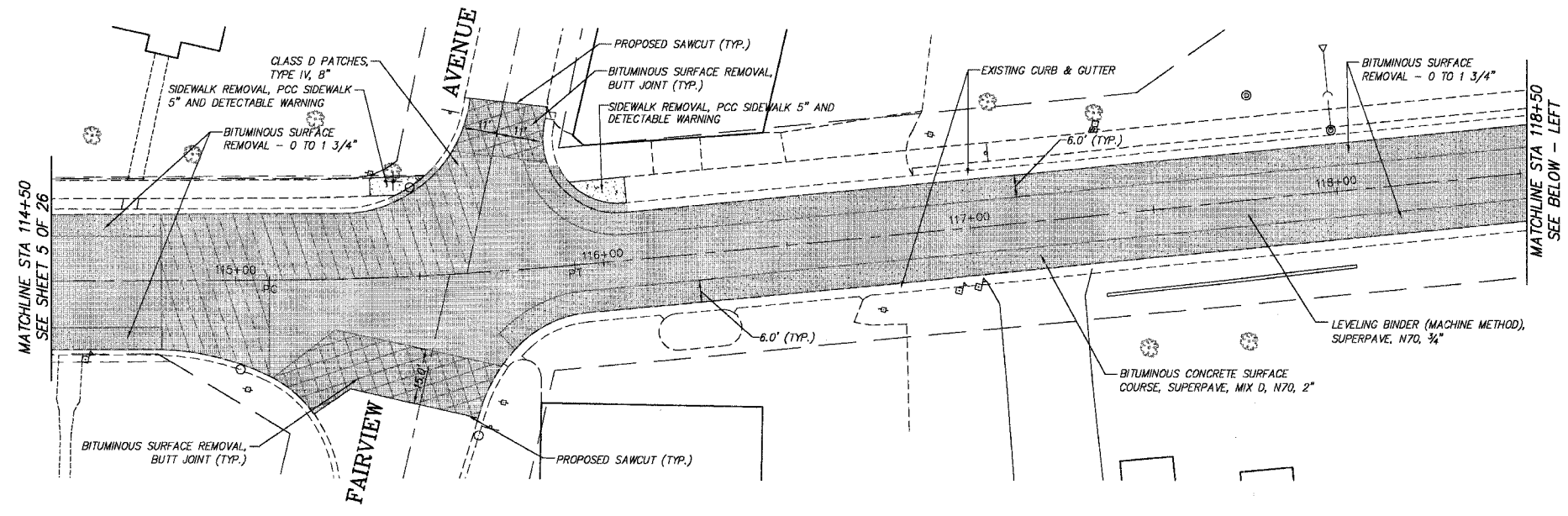
VILLAGE OF JOHNSBURG  
 JOHNSBURG ROAD  
 ROADWAY PLAN

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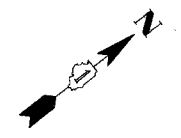
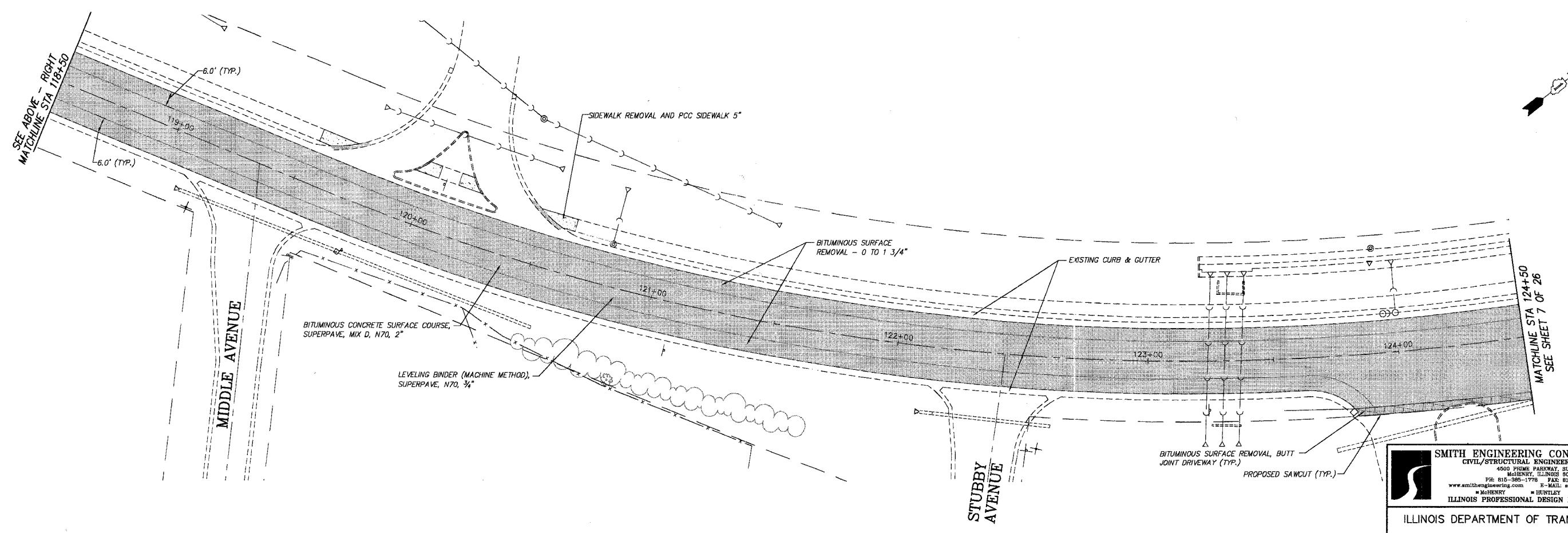
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00010-00-RS	MCHENRY	25	6
STA.	TO STA.			
FED. ROAD DIST. NO. 1		ILLINOIS HIGHWAY PROJECT		
CONTRACT # 83854				



**PROJECT LEGEND:**

	PROP. PAVEMENT RESURFACING AREA
	PROP. BITUMINOUS SURFACE REMOVAL BUTT JOINT OR BUTT JOINT DRIVEWAY
	PROP. BITUMINOUS SURFACE REMOVAL - 0 TO 1 3/4"
	PROP. CLASS D PATCHES, 8" *

NOTES:  
 \* SEE THE SUMMARY OF QUANTITIES FOR CLASS D PATCHES, 8" TYPES I, II, III, AND IV.  
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ILLINOIS DEPARTMENT OF TRANSPORTATION

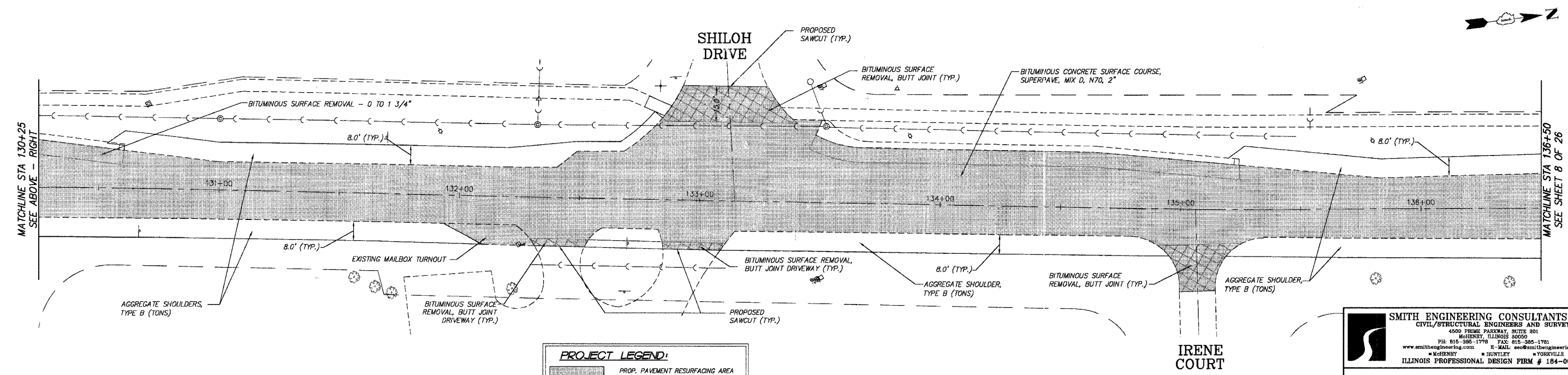
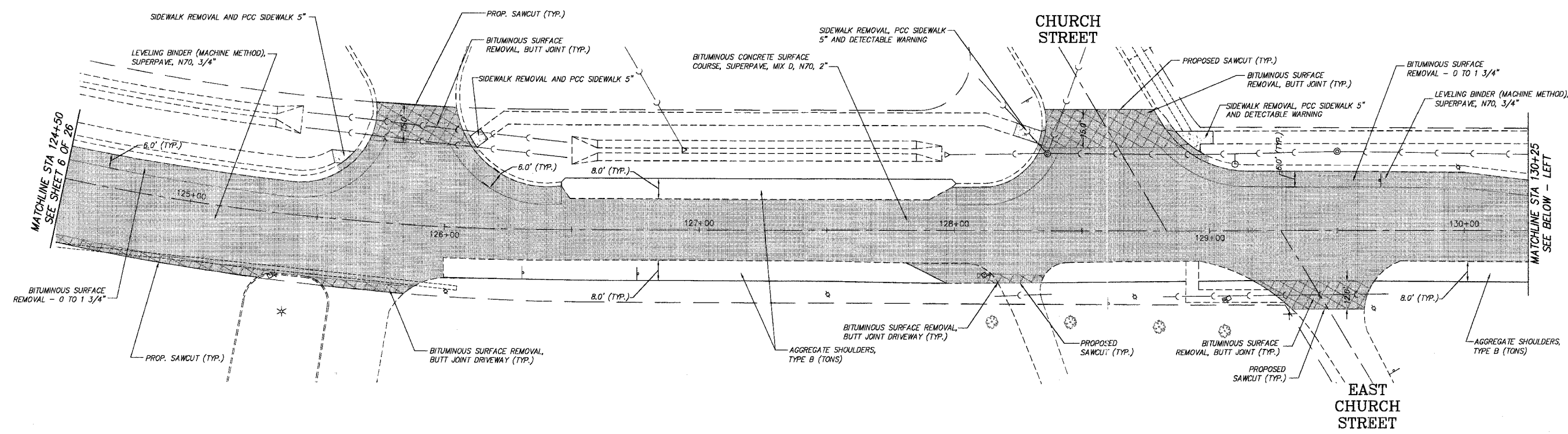
VILLAGE OF JOHNSBURG  
 JOHNSBURG ROAD  
 ROADWAY PLAN

SCALE: DATE 01-10-06 DRAWN BY TK CHECKED BY TEH

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00010-00-RS	MCHENRY	25	7
STA.	TO STA.			
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	
CONTRACT # 83854				



**PROJECT LEGEND:**

	PROP. PAVEMENT RESURFACING AREA
	PROP. BITUMINOUS SURFACE REMOVAL BUTT JOINT OR BUTT JOINT DRIVEWAY
	PROP. BITUMINOUS SURFACE REMOVAL - 0 TO 1 3/4"
	PROP. CLASS D PATCHES, 8" *

**NOTES:**

\* SEE THE SUMMARY OF QUANTITIES FOR CLASS D PATCHES, B\* TYPES I, II, III, AND IV.

THE PERIMETER OF THE CLASS D PATCHES SHALL BE SAW CUT AND PRIMED PRIOR TO REPLACEMENT WITH THE BITUMINOUS CONCRETE MIXTURE. THIS WORK IS INCLUDED IN THE COST OF THE CLASS D PATCHES OF THE TYPE SPECIFIED.

**REVISIONS**

NO.	NAME	DATE
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**SMITH ENGINEERING CONSULTANTS, INC.**  
 CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS  
 4500 PRIME PARKWAY, SUITE 201  
 MCHENRY, ILLINOIS 60050  
 PH: 815-385-1778 FAX: 815-385-1781  
 www.smithengineering.com E-MAIL: seo@smithengineering.com  
 \* MCHENRY \* HUNTERVILLE \* YORKVILLE  
 ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

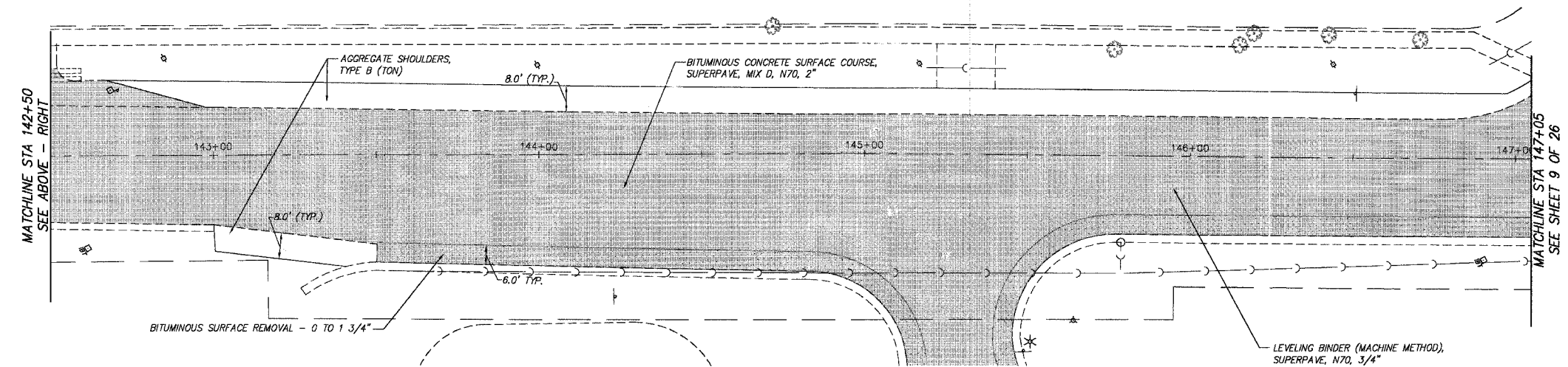
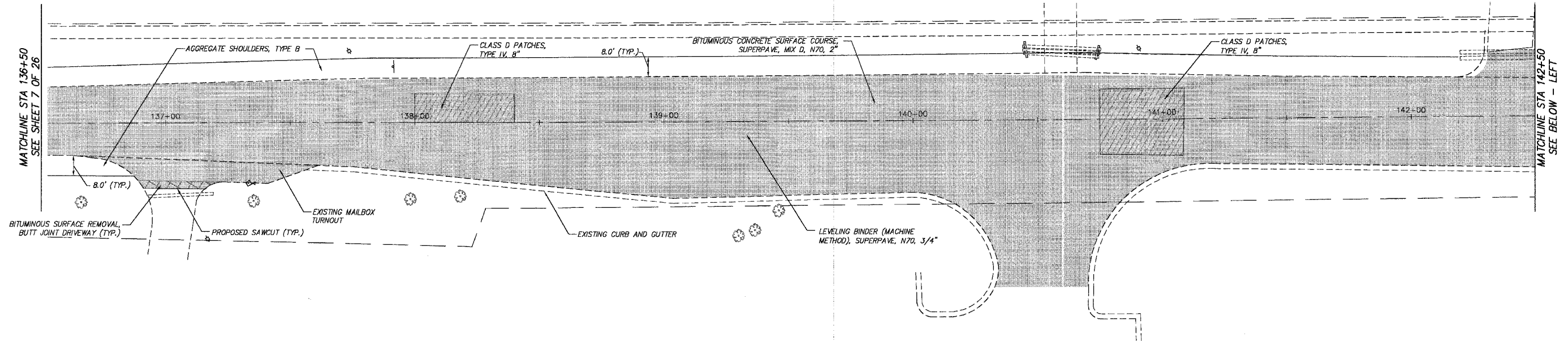
ILLINOIS DEPARTMENT OF TRANSPORTATION

VILLAGE OF JOHNBSURG  
 JOHNBSURG ROAD  
 ROADWAY PLAN

SCALE: DATE 01-10-06 DRAWN BY TK CHECKED BY TEH

PLOT FILE STANDARD  
 DWG FILE 051006-602.dwg

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00010-00-RS	MCHENRY	25	8
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	HIGHWAY PROJECT		
CONTRACT # 83854				



**PROJECT LEGEND:**

	PROP. PAVEMENT RESURFACING AREA
	PROP. BITUMINOUS SURFACE REMOVAL BUTT JOINT OR BUTT JOINT DRIVEWAY
	PROP. BITUMINOUS SURFACE REMOVAL - 0 TO 1 3/4"
	PROP. CLASS D PATCHES, 8"

**NOTES:**

- SEE THE SUMMARY OF QUANTITIES FOR CLASS D PATCHES, 8" TYPES I, II, III, AND IV.
- THE PERIMETER OF THE CLASS D PATCHES SHALL BE SAW CUT AND PRIMED PRIOR TO REPLACEMENT WITH THE BITUMINOUS CONCRETE MIXTURE. THIS WORK IS INCLUDED IN THE COST OF THE CLASS D PATCHES OF THE TYPE SPECIFIED.

**SMITH ENGINEERING CONSULTANTS, INC.**  
 CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS  
 4500 PRIME PARKWAY, SUITE 801  
 MARIETTA, ILLINOIS 60090  
 PH: 815-385-1778 FAX: 815-385-1781  
 www.smithengineering.com E-MAIL: seo@smithengineering.com  
 \* MCHENRY \* HUNTLEY \* YORKVILLE  
 ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

ILLINOIS DEPARTMENT OF TRANSPORTATION

VILLAGE OF JOHNSBURG  
 JOHNSBURG ROAD  
 ROADWAY PLAN

SCALE: DATE 01-10-06 DRAWN BY TK CHECKED BY TEH

**REVISIONS**

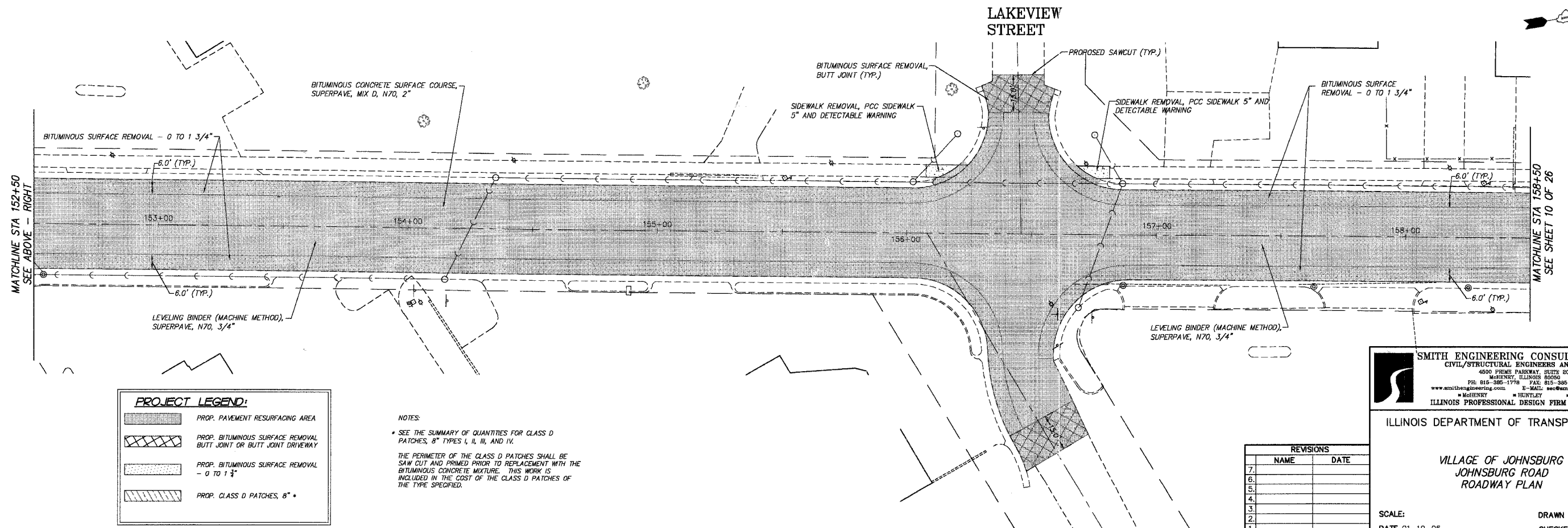
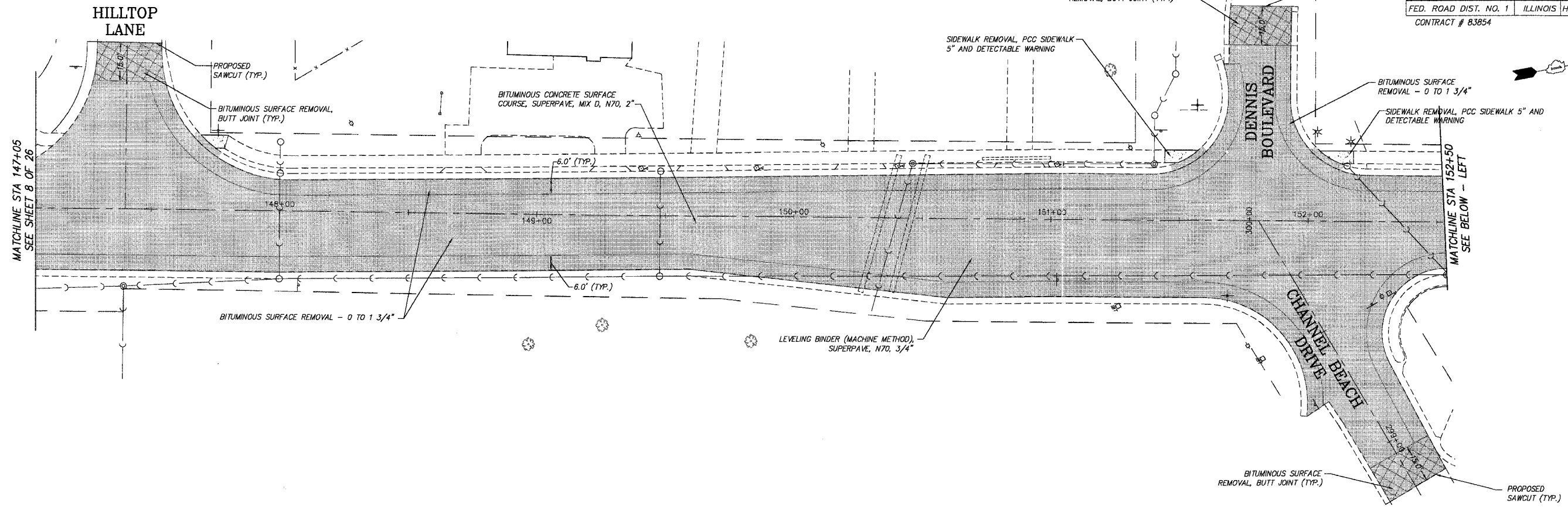
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PLOT FILE STANDARD  
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00010-00-RS	MCHENRY	25	9
STA.	TO STA.			
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	
CONTRACT # 83854				



**PROJECT LEGEND:**

	PROP. PAVEMENT RESURFACING AREA
	PROP. BITUMINOUS SURFACE REMOVAL BUTT JOINT OR BUTT JOINT DRIVEWAY
	PROP. BITUMINOUS SURFACE REMOVAL - 0 TO 1 3/4"
	PROP. CLASS D PATCHES, 8" *

**NOTES:**

\* SEE THE SUMMARY OF QUANTITIES FOR CLASS D PATCHES, 8" TYPES I, II, III, AND IV.

THE PERIMETER OF THE CLASS D PATCHES SHALL BE SAW CUT AND PRIMED PRIOR TO REPLACEMENT WITH THE BITUMINOUS CONCRETE MIXTURE. THIS WORK IS INCLUDED IN THE COST OF THE CLASS D PATCHES OF THE TYPE SPECIFIED.

**SMITH ENGINEERING CONSULTANTS, INC.**  
 CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS  
 4600 PINE PARKWAY, SUITE 201  
 MCHENRY, ILLINOIS 60050  
 PH: 815-385-1778 FAX: 815-385-1781  
 www.smithengineering.com E-MAIL: seo@smithengineering.com  
 \* MCHENRY \* HURTLBY \* YORKVILLE  
 ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

ILLINOIS DEPARTMENT OF TRANSPORTATION

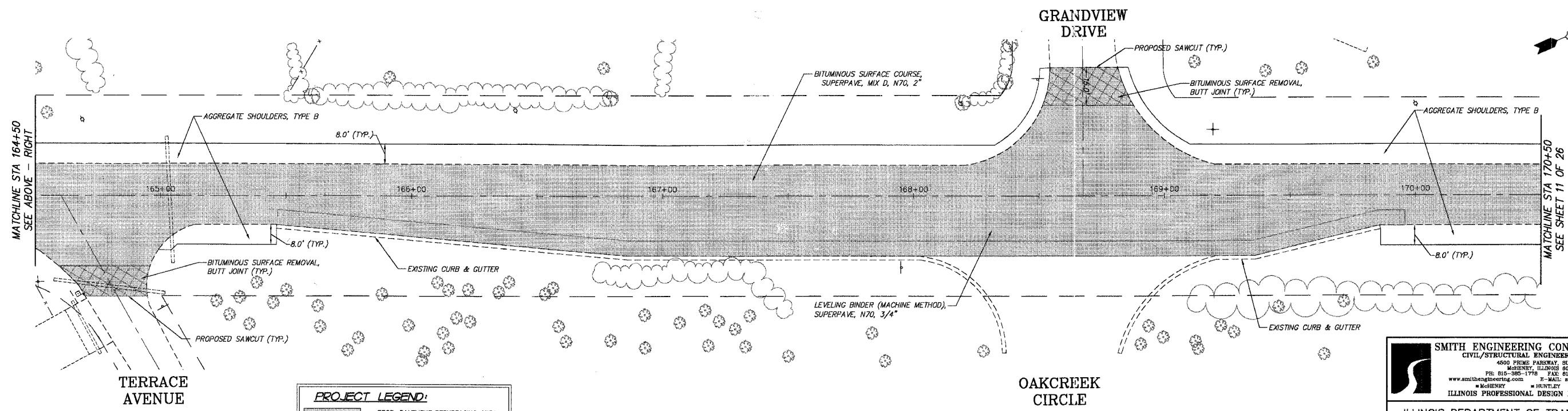
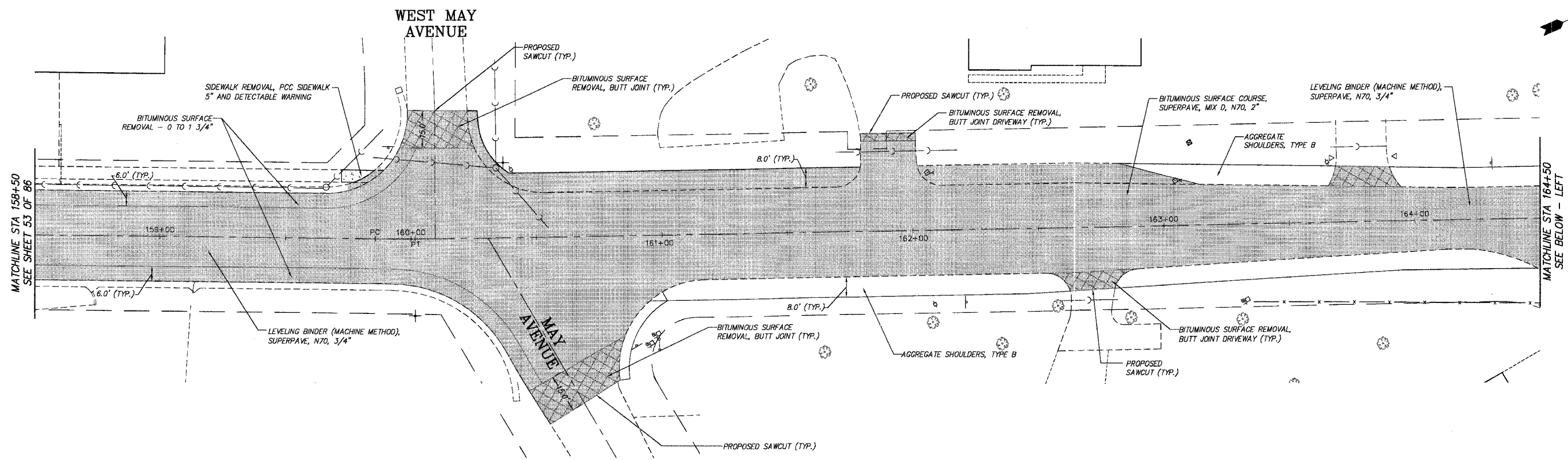
VILLAGE OF JOHNSBURG  
 JOHNSBURG ROAD  
 ROADWAY PLAN

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SCALE: DATE 01-10-06 DRAWN BY TK CHECKED BY TEH

PLOT FILE STANDARD  
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00010-00-RS	MCHENRY	25	10
STA.	TO STA.			
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	
CONTRACT # 83854				



**PROJECT LEGEND:**

	PROP. PAVEMENT RESURFACING AREA
	PROP. BITUMINOUS SURFACE REMOVAL BUTT JOINT OR BUTT JOINT DRIVEWAY
	PROP. BITUMINOUS SURFACE REMOVAL - 0 TO 1 3/4"
	PROP. CLASS D PATCHES, 8" *

**NOTES:**

- SEE THE SUMMARY OF QUANTITIES FOR CLASS D PATCHES, 8" TYPES I, II, III, AND IV.
- THE PERIMETER OF THE CLASS D PATCHES SHALL BE SAW CUT AND PRIMED PRIOR TO REPLACEMENT WITH THE BITUMINOUS CONCRETE MIXTURE. THIS WORK IS INCLUDED IN THE COST OF THE CLASS D PATCHES OF THE TYPE SPECIFIED.

**REVISIONS**

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**SMITH ENGINEERING CONSULTANTS, INC.**  
 CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS  
 4500 PRIME PARKWAY, SUITE 301  
 MCHENRY, ILLINOIS 60050  
 TEL: 815-385-1778 FAX: 815-385-1781  
 www.smithengineering.com E-MAIL: seo@smithengineering.com  
 \* MCHENRY \* HUNTLLEY \* YORKVILLE  
 ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

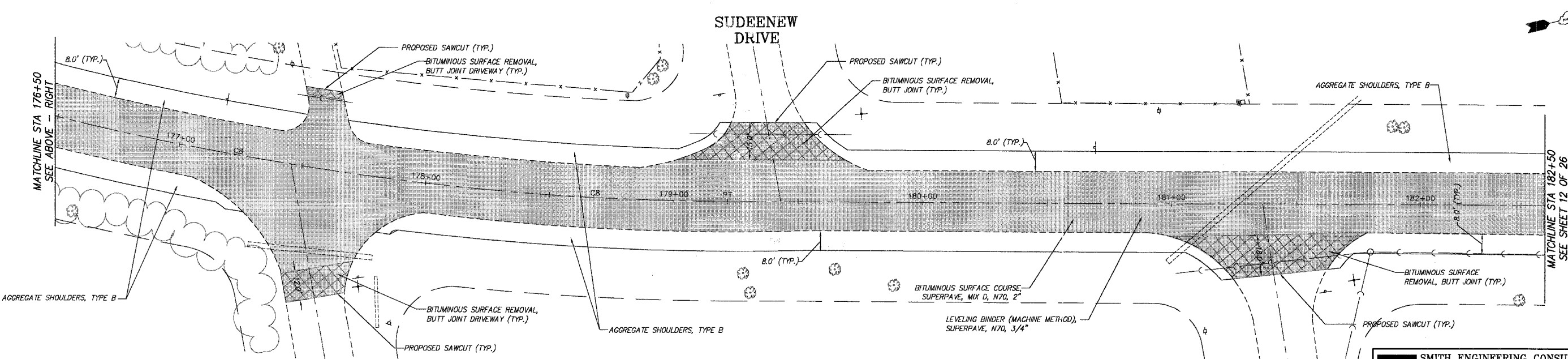
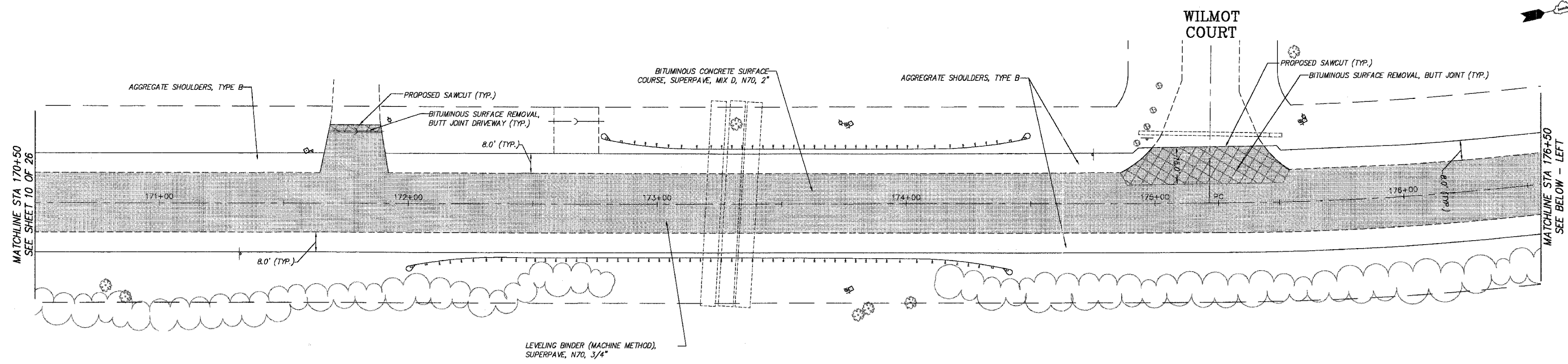
ILLINOIS DEPARTMENT OF TRANSPORTATION

VILLAGE OF JOHNSBURG  
 JOHNSBURG ROAD  
 ROADWAY PLAN

SCALE: DATE 01-10-06  
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 CHECKED BY TEH

PLOT FILE STANDARD  
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 DATE: 01/08/06 8:02 AM

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00010-00-RS	MCHENRY	25	11
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	HIGHWAY PROJECT		
CONTRACT # 83854				



**PROJECT LEGEND:**

	PROP. PAVEMENT RESURFACING AREA
	PROP. BITUMINOUS SURFACE REMOVAL BUTT JOINT OR BUTT JOINT DRIVEWAY
	PROP. BITUMINOUS SURFACE REMOVAL - 0 TO 1 1/2\"/>
	PROP. CLASS D PATCHES, 8' *

**NOTES:**

- SEE THE SUMMARY OF QUANTITIES FOR CLASS D PATCHES, 8' TYPES I, II, III, AND IV.
- THE PERIMETER OF THE CLASS D PATCHES SHALL BE SAW CUT AND PRIMED PRIOR TO REPLACEMENT WITH THE BITUMINOUS CONCRETE MIXTURE. THIS WORK IS INCLUDED IN THE COST OF THE CLASS D PATCHES OF THE TYPE SPECIFIED.

**REVISIONS**

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**SMITH ENGINEERING CONSULTANTS, INC.**  
 CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS  
 4500 PRIME PARKWAY, SUITE 201  
 MCHENRY, ILLINOIS 60050  
 PH: 815-385-1778 FAX: 815-385-1781  
 www.smithengineering.com E-MAIL: see@smithengineering.com  
 \* MCHENRY \* HUNTLEY \* YORKVILLE  
 ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

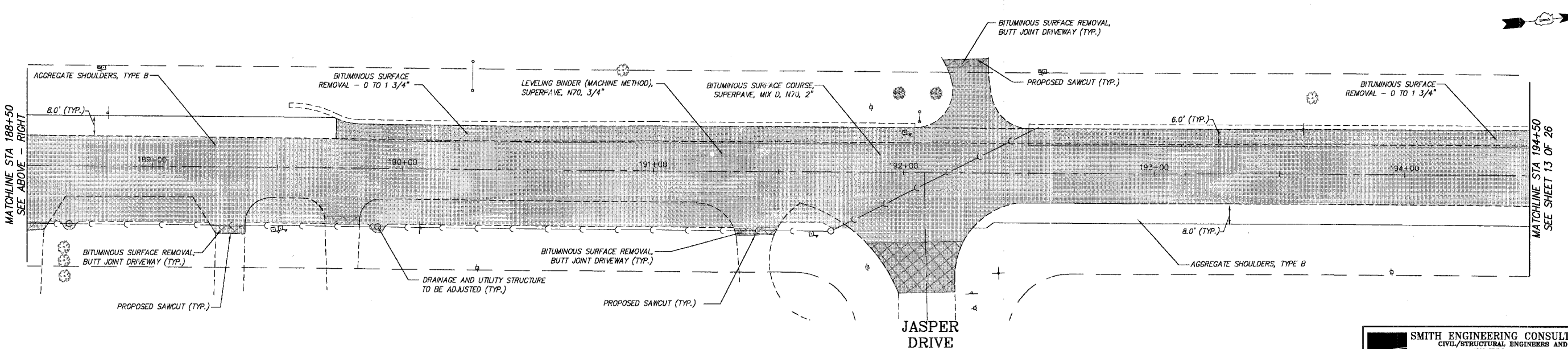
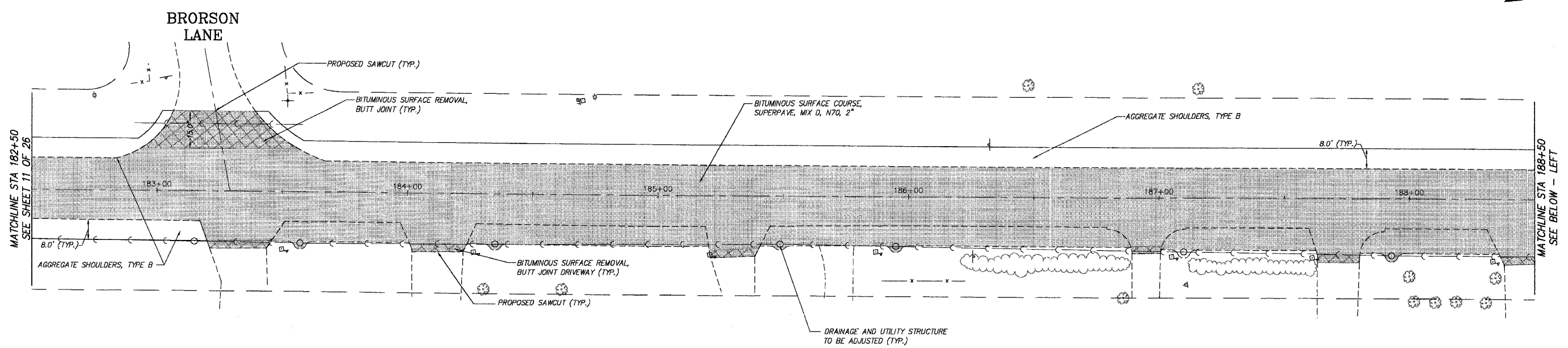
ILLINOIS DEPARTMENT OF TRANSPORTATION

VILLAGE OF JOHNSBURG  
 JOHNSBURG ROAD  
 ROADWAY PLAN

SCALE: DATE 01-10-06 DRAWN BY TK CHECKED BY TEH

PLT FILE STANDARD  
 COMP. FILE 091096-602.dwg

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00010-00-RS	MCHENRY	25	12
STA.	TO STA.			
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	
CONTRACT # 83854				



**PROJECT LEGEND:**

	PROP. PAVEMENT RESURFACING AREA
	PROP. BITUMINOUS SURFACE REMOVAL BUTT JOINT OR BUTT JOINT DRIVEWAY
	PROP. BITUMINOUS SURFACE REMOVAL - 0 TO 1 3/4"
	PROP. CLASS D PATCHES, 8" *

**NOTES:**

- \* SEE THE SUMMARY OF QUANTITIES FOR CLASS D PATCHES, 8" TYPES I, II, III, AND IV.
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**SMITH ENGINEERING CONSULTANTS, INC.**  
 CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS  
 4500 PRIME PARKWAY, SUITE 201  
 MCHENRY, ILLINOIS 60050  
 PH: 815-385-1776 FAX: 815-385-1781  
 www.smithengineering.com E-MAIL: seo@smithengineering.com  
 \* MCHENRY \* HUNTLEY \* YORKVILLE  
 ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000100

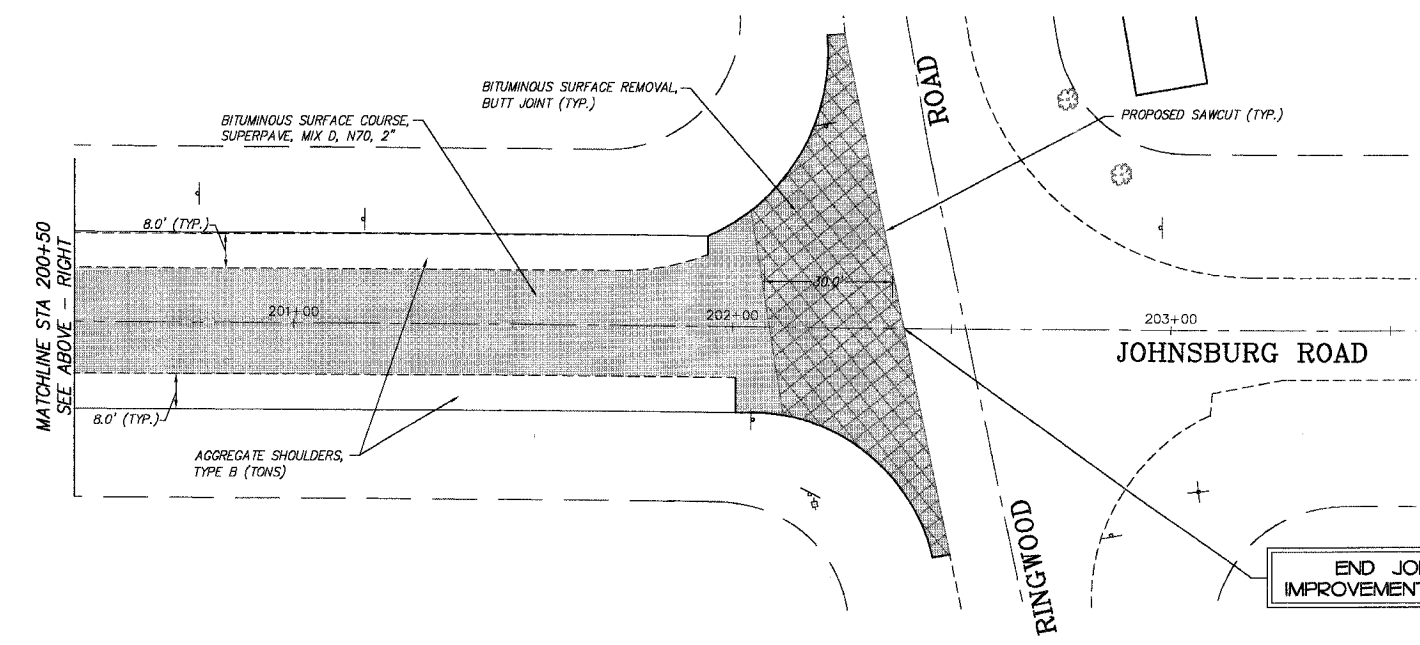
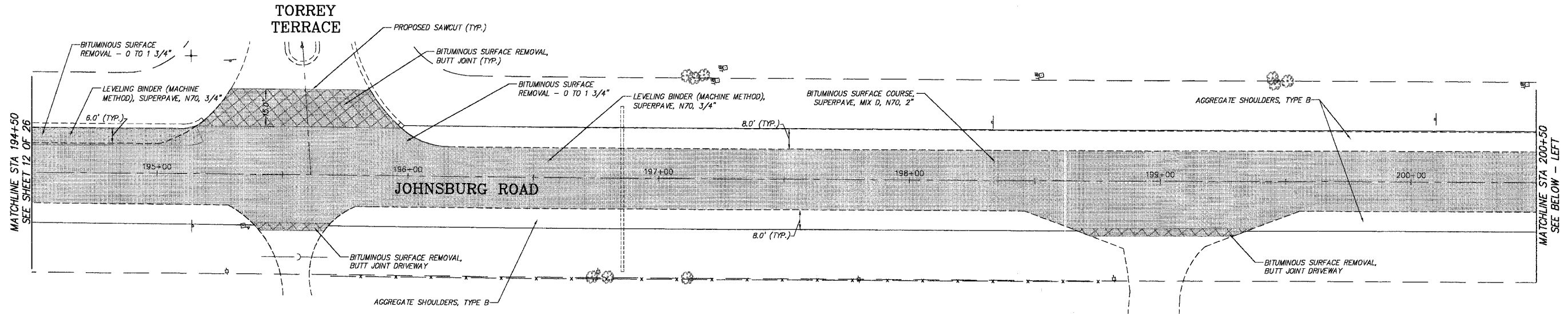
ILLINOIS DEPARTMENT OF TRANSPORTATION

VILLAGE OF JOHNSBURG  
 JOHNSBURG ROAD  
 ROADWAY PLAN

SCALE: DATE 01-10-06  
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PLOT FILE STANDARD  
 COMP. FILE 001086-602.dwg

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00010-00-RS	MCHENRY	25	13
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	HIGHWAY PROJECT		
CONTRACT # 83854				



**PROJECT LEGEND:**

- PROP. PAVEMENT RESURFACING AREA
- PROP. BITUMINOUS SURFACE REMOVAL BUTT JOINT OR BUTT JOINT DRIVEWAY
- PROP. BITUMINOUS SURFACE REMOVAL - 0 TO 1 3/4"
- PROP. CLASS D PATCHES, 8" \*

NOTES:

- \* SEE THE SUMMARY OF QUANTITIES FOR CLASS D PATCHES, 8" TYPES I, II, III, AND IV.
- THE PERIMETER OF THE CLASS D PATCHES SHALL BE SAW CUT AND PRIMED PRIOR TO REPLACEMENT WITH THE BITUMINOUS CONCRETE MIXTURE. THIS WORK IS INCLUDED IN THE COST OF THE CLASS D PATCHES OF THE TYPE SPECIFIED.

END JOHNSBURG ROAD IMPROVEMENTS AT STA. 202+40

**SMITH ENGINEERING CONSULTANTS, INC.**  
 CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS  
 4800 FRENCH PARKWAY, SUITE 201  
 MCHENRY, ILLINOIS 60050  
 PH: 815-385-1770 FAX: 815-385-1781  
 www.smithengineering.com E-MAIL: sec@smithengineering.com  
 \* MCHENRY \* HUNTER \* YORKVILLE  
 ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

ILLINOIS DEPARTMENT OF TRANSPORTATION

VILLAGE OF JOHNSBURG  
 JOHNSBURG ROAD  
 ROADWAY PLAN

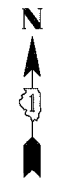
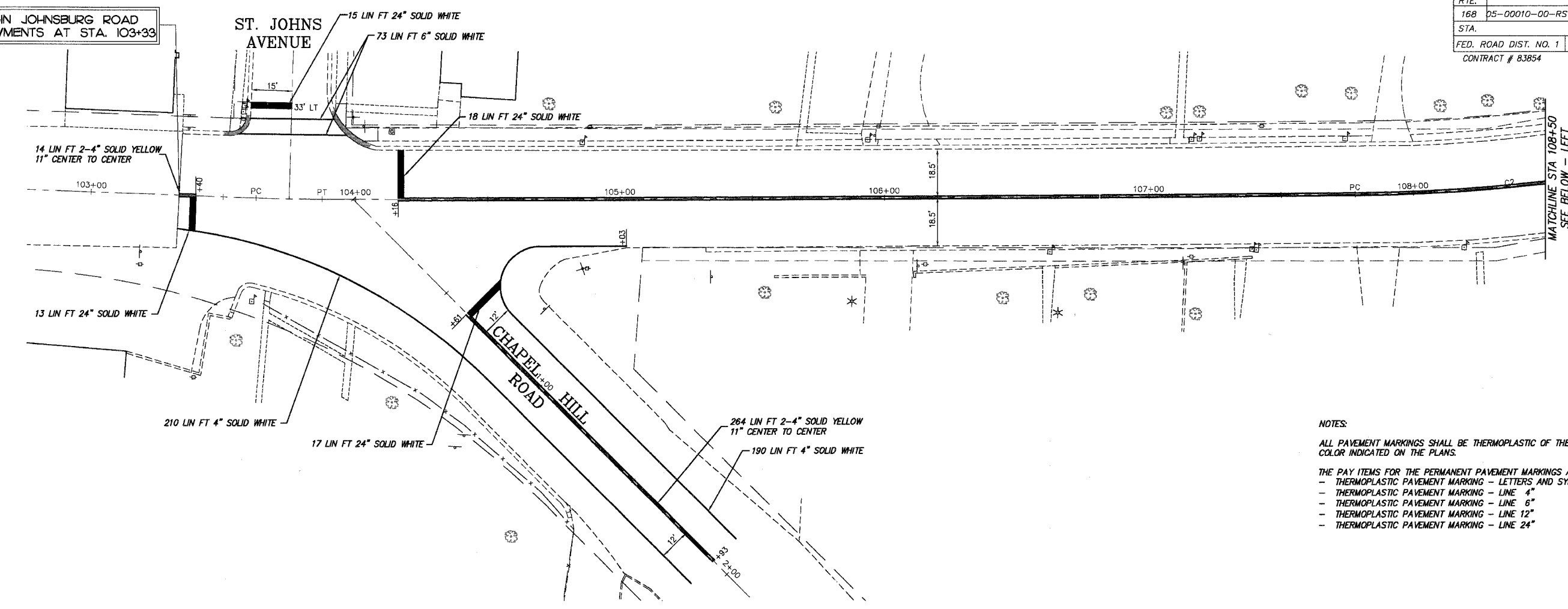
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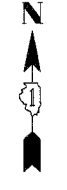
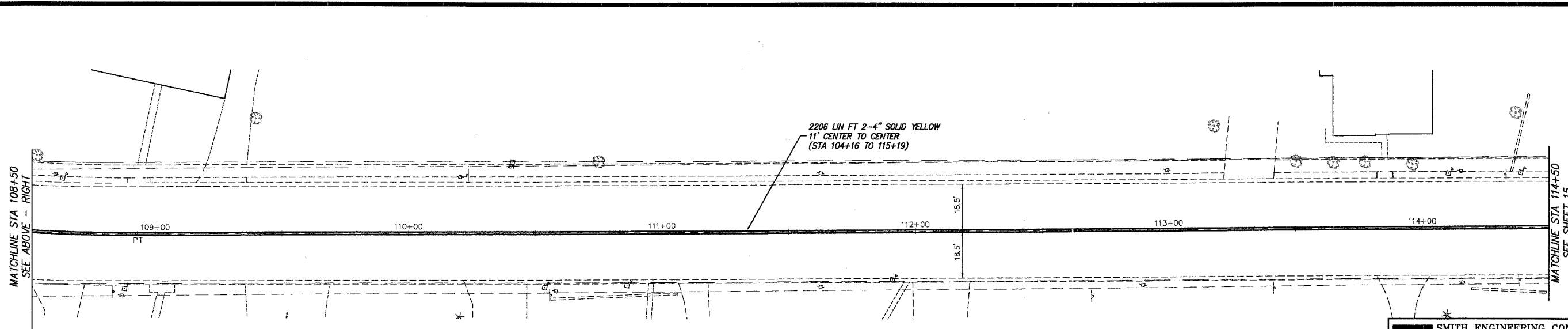
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 DATE: 01/10/06

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00010-00-RS	MCHENRY	25	14
STA.	TO STA.		114+50	
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	
CONTRACT # 83854				

BEGIN JOHNSBURG ROAD IMPROVEMENTS AT STA. 103+33



NOTES:  
 ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC OF THE SIZE AND COLOR INDICATED ON THE PLANS.  
 THE PAY ITEMS FOR THE PERMANENT PAVEMENT MARKINGS ARE:  
 - THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS  
 - THERMOPLASTIC PAVEMENT MARKING - LINE 4"  
 - THERMOPLASTIC PAVEMENT MARKING - LINE 6"  
 - THERMOPLASTIC PAVEMENT MARKING - LINE 12"  
 - THERMOPLASTIC PAVEMENT MARKING - LINE 24"



**SMITH ENGINEERING CONSULTANTS, INC.**  
 CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS  
 4500 PRIME PARKWAY, SUITE 201  
 MCKENRY, ILLINOIS 60050  
 PH: 815-385-1778 FAX: 815-385-1781  
 www.smithengineering.com E-MAIL: seo@smithengineering.com  
 \* MCKENRY \* HUNTERVILLE \* YORKVILLE  
 ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

ILLINOIS DEPARTMENT OF TRANSPORTATION

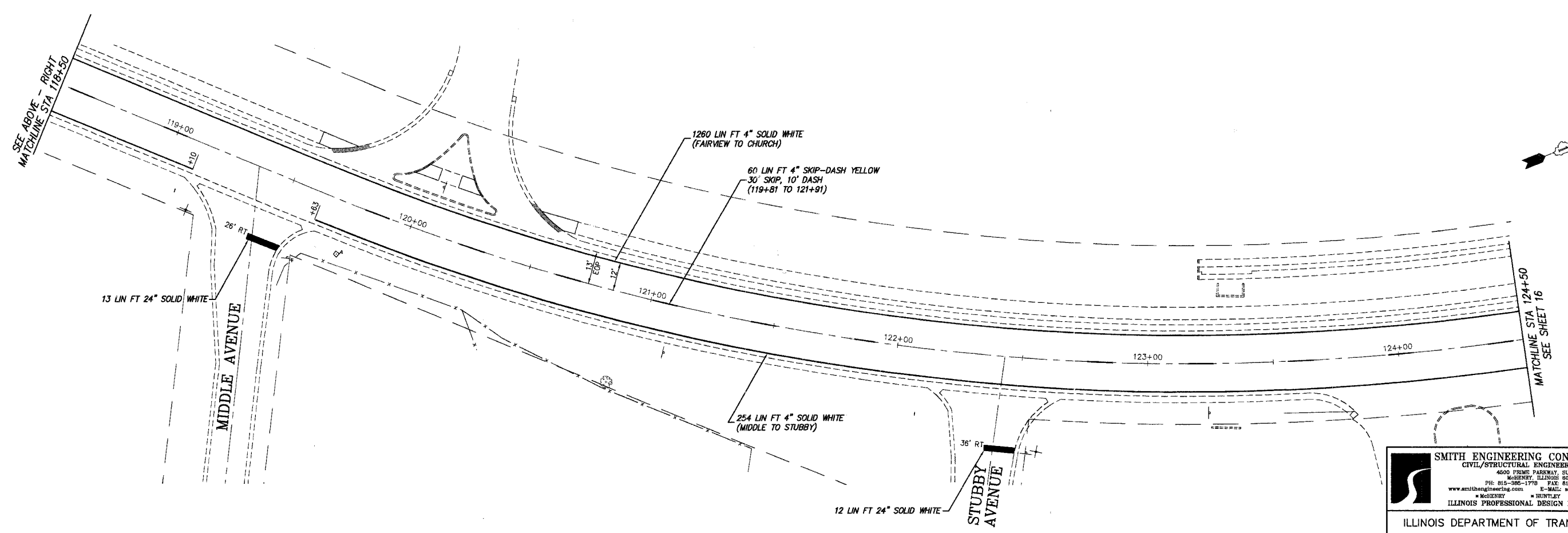
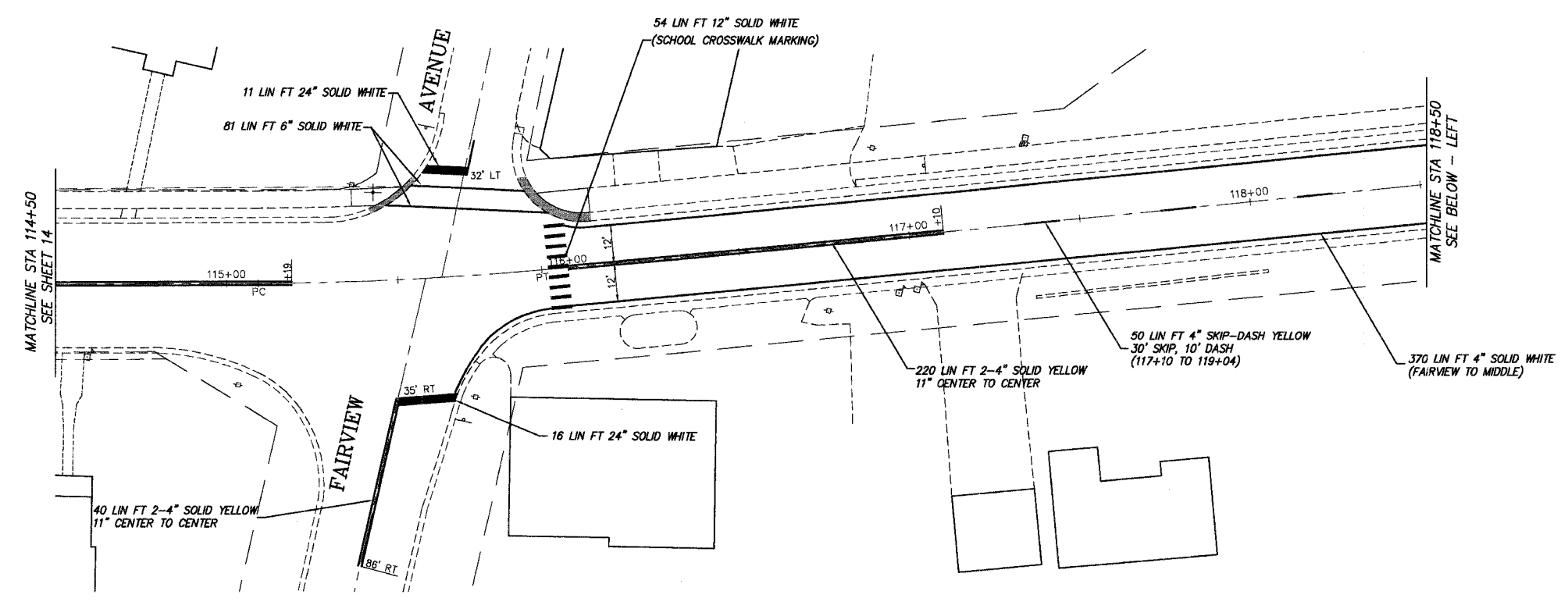
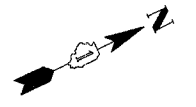
VILLAGE OF JOHNSBURG  
 JOHNSBURG ROAD  
 PAVEMENT MARKING PLAN

REVISIONS	
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SCALE: 1" = 20'  
 DATE 01-10-06  
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PLOT FILE STANDARD  
 COMP. FILE: 051006-605.DWG

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00010-00-RS	MCHENRY	25	15
STA.	118+50	TO STA.	124+50	
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	
CONTRACT # 83854				



**SMITH ENGINEERING CONSULTANTS, INC.**  
 CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS  
 4500 FERN PARKWAY, SUITE 201  
 MCHENRY, ILLINOIS 60050  
 PH: 815-385-1770 FAX: 815-385-1781  
 www.smithengineering.com E-MAIL: sec@smithengineering.com  
 \* MCHENRY \* HUNTLEY \* YORKVILLE  
 ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

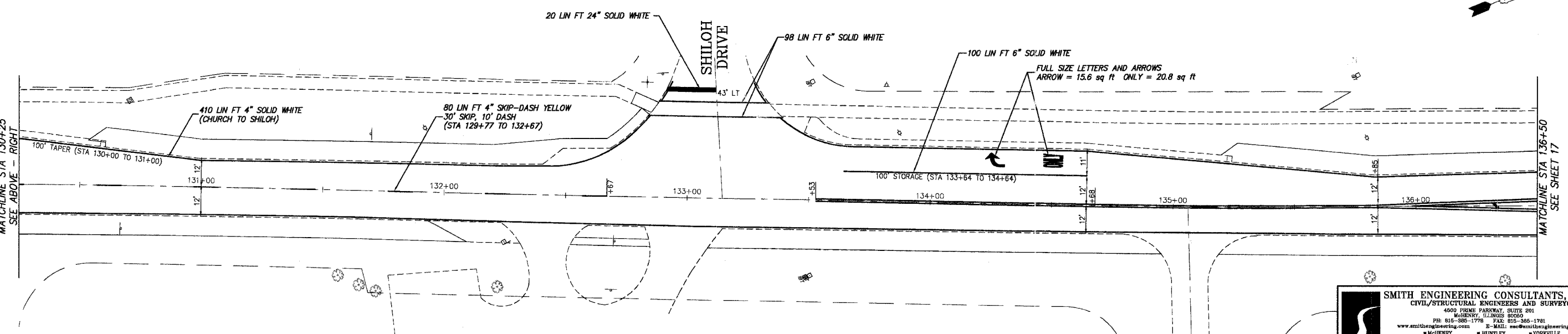
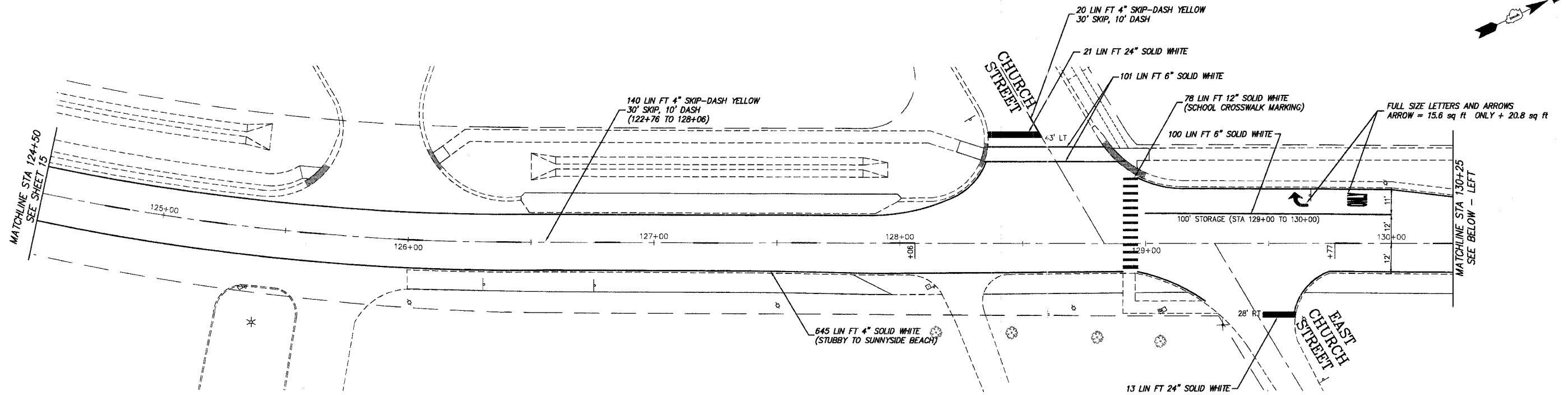
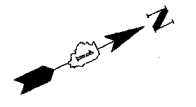
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 VILLAGE OF JOHNSBURG  
 JOHNSBURG ROAD  
 PAVEMENT MARKING PLAN

REVISIONS	
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SCALE: 1" = 20'  
 DATE 01-10-05  
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PLOT FILE STANDARD  
 VENDOR: CE-15  
 COMPANY: ZEE, GORDON-BOGARD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00010-00-RS	MCHENRY	25	16
STA.	124+50	TO STA.	136+50	
FED. ROAD DIST. NO. 1		ILLINOIS HIGHWAY PROJECT		
CONTRACT # 83854				



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 CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS  
 4600 PINE PARKWAY, SUITE 201  
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 www.smithengineering.com E-MAIL: meo@smithengineering.com  
 \* MCHENRY \* HUNTLEY \* YORKVILLE  
 ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

ILLINOIS DEPARTMENT OF TRANSPORTATION

VILLAGE OF JOHNSBURG  
 JOHNSBURG ROAD  
 PAVEMENT MARKING PLAN

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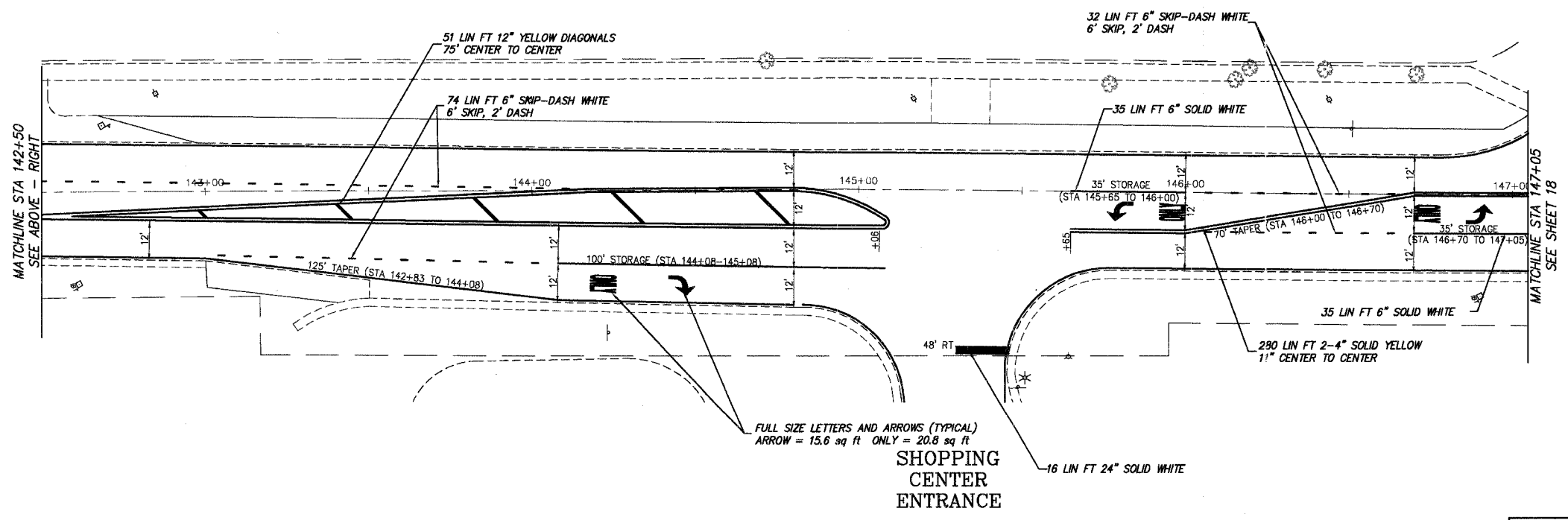
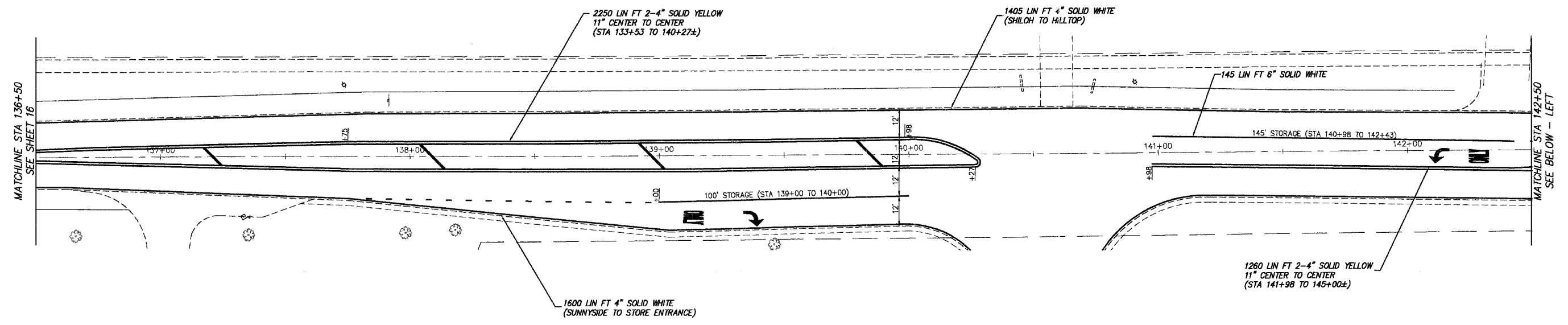
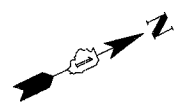
SCALE: 1" = 20'  
 DATE 01-10-05

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PLOT FILE STANDARD  
 MCHENRY, ILLINOIS  
 01/10/05 10:00AM



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00010-00-RS	MCHENRY	25	17
STA.	136+50	TO STA.	147+05	
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	
CONTRACT # 83854				



PLOT FILE STANDARD  
 MCHENRY 02-17  
 COMP. FILE 020909-020209

**SMITH ENGINEERING CONSULTANTS, INC.**  
 CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS  
 4500 PRIME PARKWAY, SUITE 201  
 MCHENRY, ILLINOIS 60050  
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 www.smithengineering.com E-MAIL: eec@smithengineering.com  
 • MCHENRY • HUNTLEY • YORKVILLE  
 ILLINOIS PROFESSIONAL DESIGN FIRM # 164-000106

ILLINOIS DEPARTMENT OF TRANSPORTATION

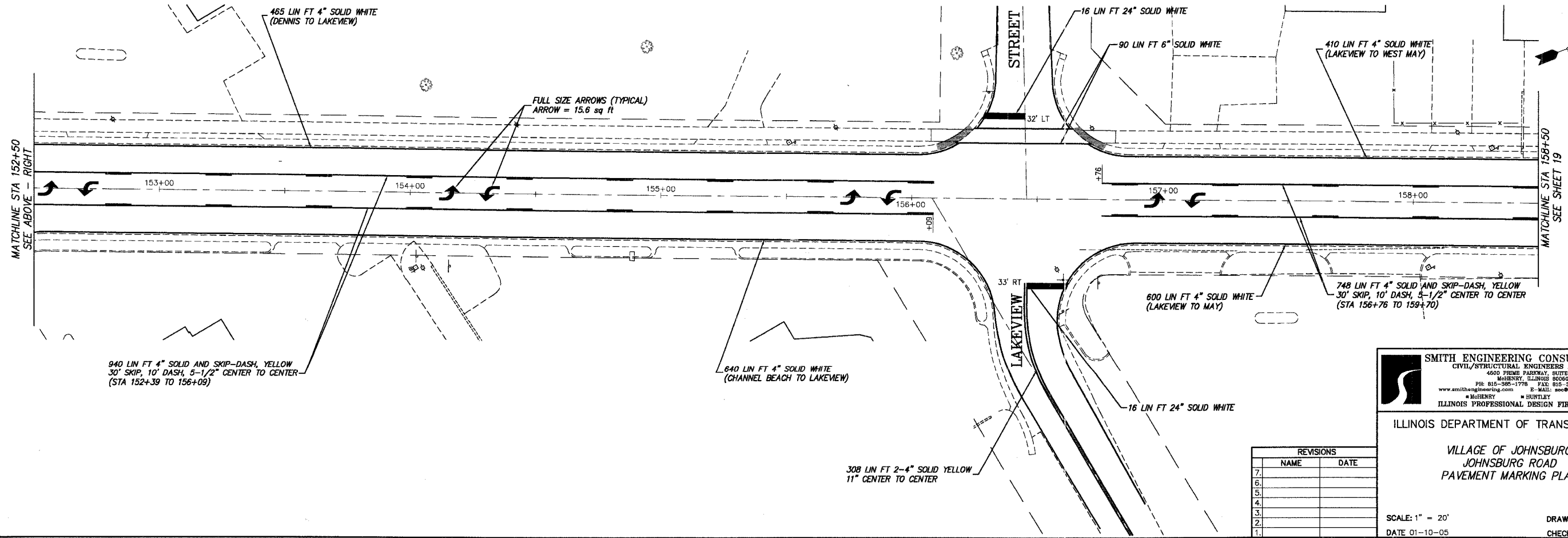
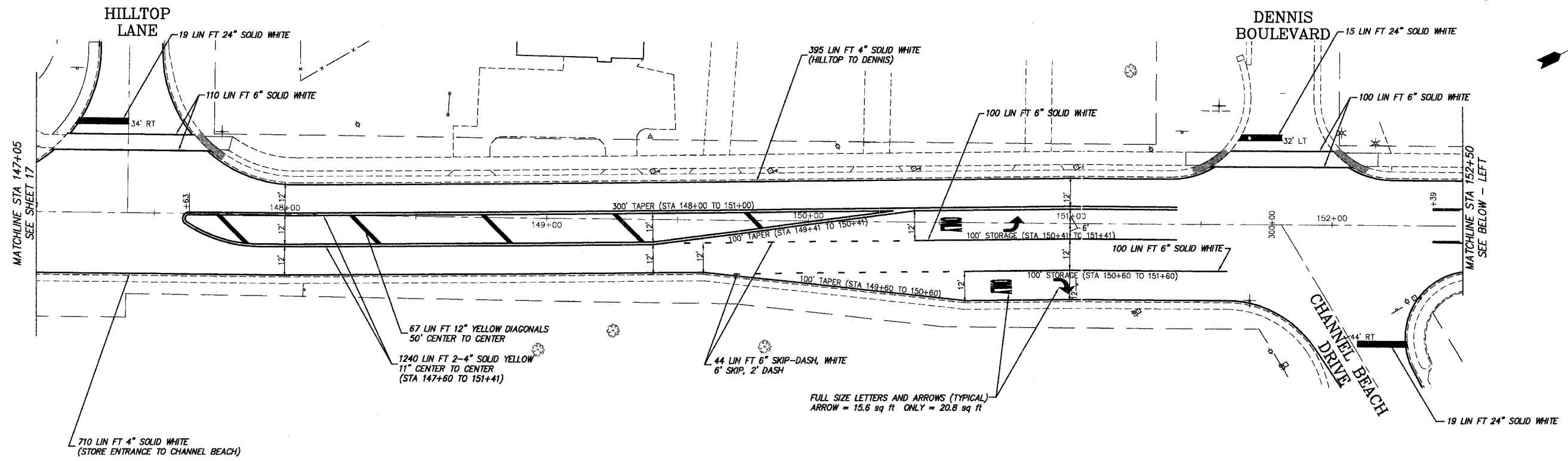
VILLAGE OF JOHNSBURG  
 JOHNSBURG ROAD  
 PAVEMENT MARKING PLAN

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SCALE: 1" = 20'  
 DATE 01-10-06

DRAWN BY TK  
 CHECKED BY TEH

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00010-00-RS	MCHENRY	25	18
STA.	147+05	TO STA.	158+50	
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	
CONTRACT # 83854				



**SMITH ENGINEERING CONSULTANTS, INC.**  
 CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS  
 4600 PRIME PARKWAY, SUITE 201  
 MCHENRY, ILLINOIS 60050  
 P.O. BOX 305-1778 FAX 815-385-1781  
 www.smithengineering.com E-MAIL: see@smithengineering.com  
 MCHENRY HUNTLEY YORKVILLE  
 ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

ILLINOIS DEPARTMENT OF TRANSPORTATION

VILLAGE OF JOHNSBURG  
 JOHNSBURG ROAD  
 PAVEMENT MARKING PLAN

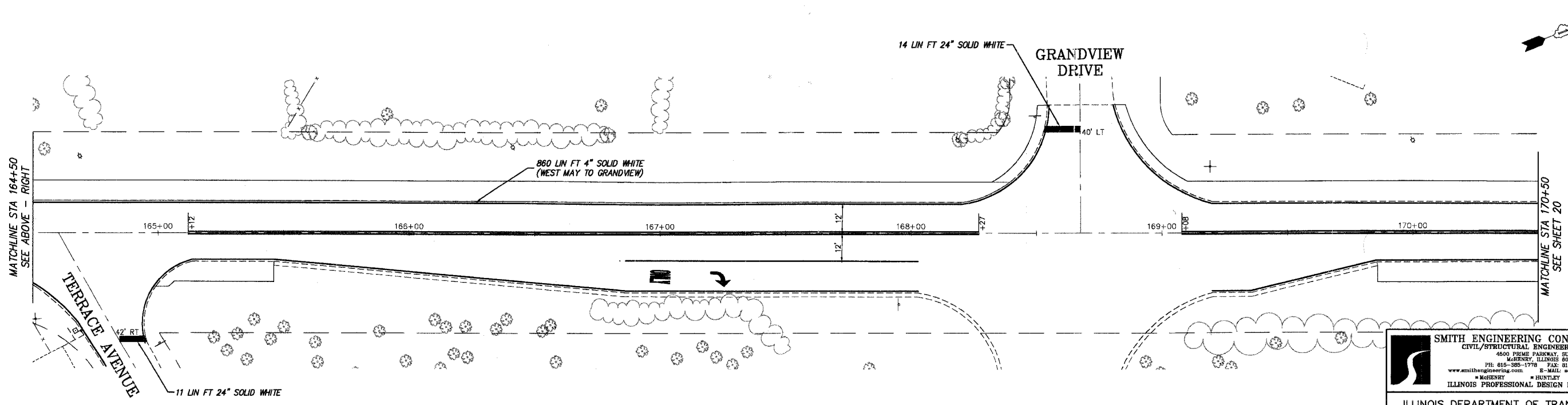
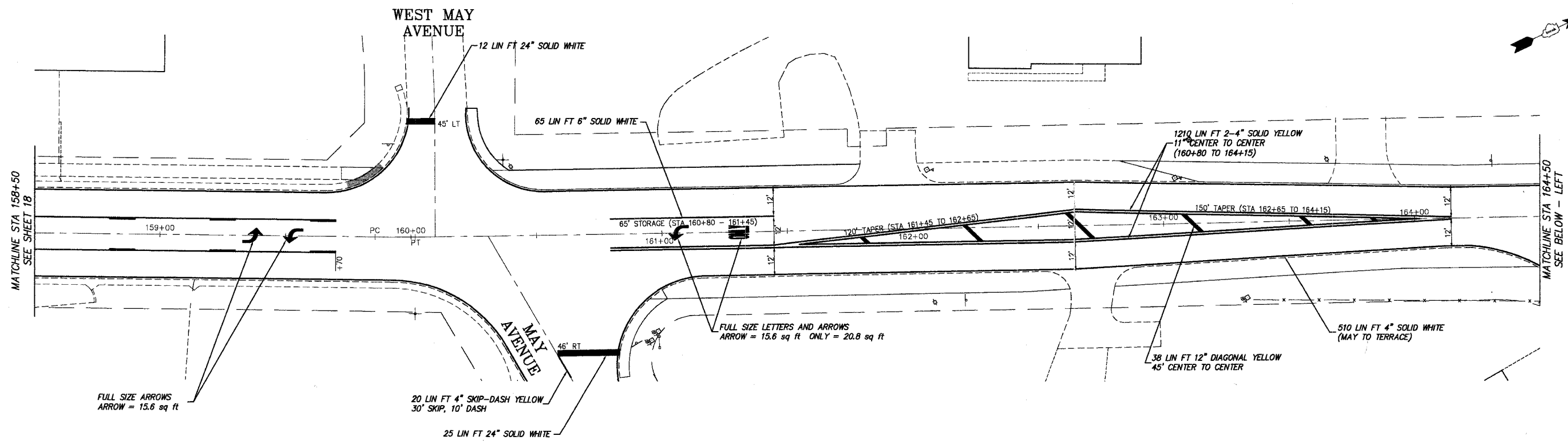
REVISIONS	
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SCALE: 1" = 20'  
 DATE 01-10-05

DRAWN BY TK  
 CHECKED BY TEH

PLOT FILE STANDARD  
 MCHENRY, ILLINOIS  
 02/10/05 10:00AM - 02/10/05

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00010-00-RS	MCHENRY	25	19
STA.	158+50	TO STA.	170+50	
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	
CONTRACT # 83854				



**SMITH ENGINEERING CONSULTANTS, INC.**  
 CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS  
 4500 PRIME PARKWAY, SUITE 201  
 MCHENRY, ILLINOIS 60050  
 PH: 815-385-1770 FAX: 815-385-1781  
 www.smithengineering.com E-MAIL: sec@smithengineering.com  
 \* MCHENRY \* HUNTLEY \* YORKVILLE  
 ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

ILLINOIS DEPARTMENT OF TRANSPORTATION

VILLAGE OF JOHNSBURG  
 JOHNSBURG ROAD  
 PAVEMENT MARKING PLAN

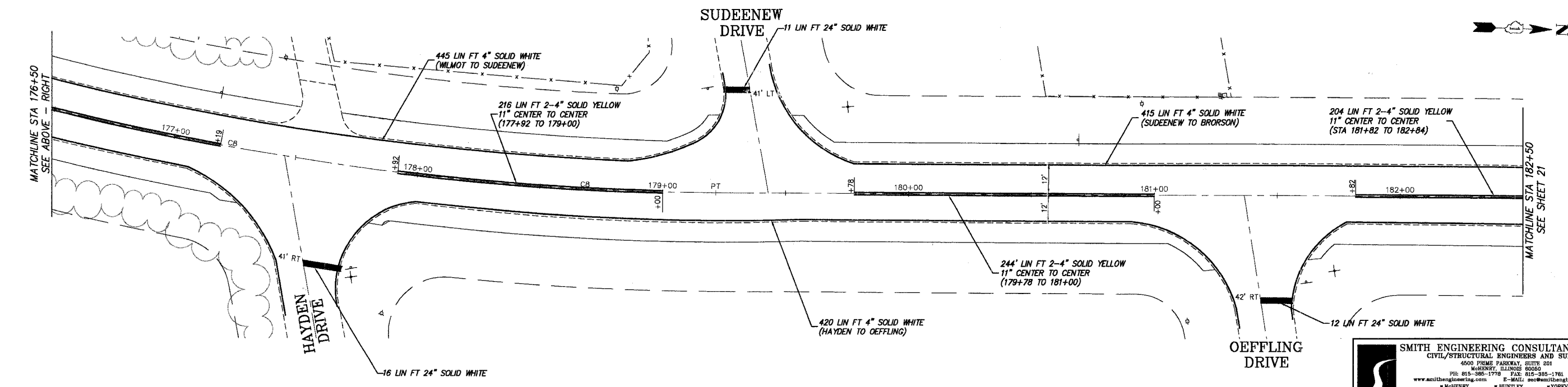
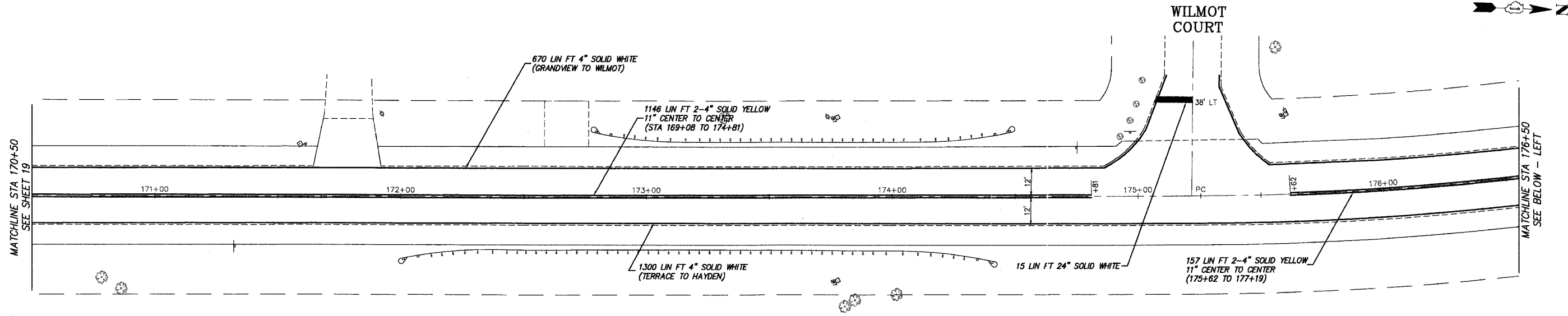
REVISIONS	
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SCALE: 1" = 20'  
 DATE 01-10-06

DRAWN BY TK  
 CHECKED BY TEH

PLOT FILE: STANDARD  
 NEW: 01-19  
 COMPANY: TEL: 609-986-8000

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00010-00-RS	MCHENRY	25	20
STA.	170+50	TO STA.	182+50	
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	
CONTRACT # 83854				



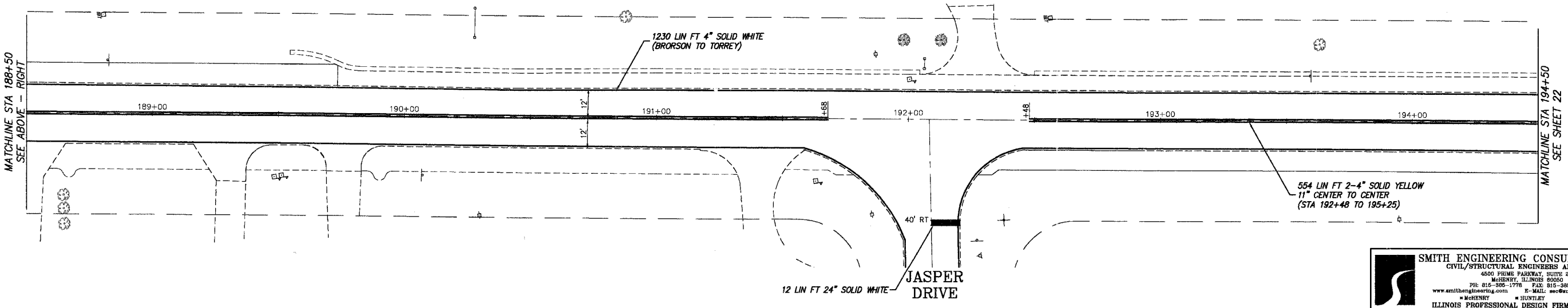
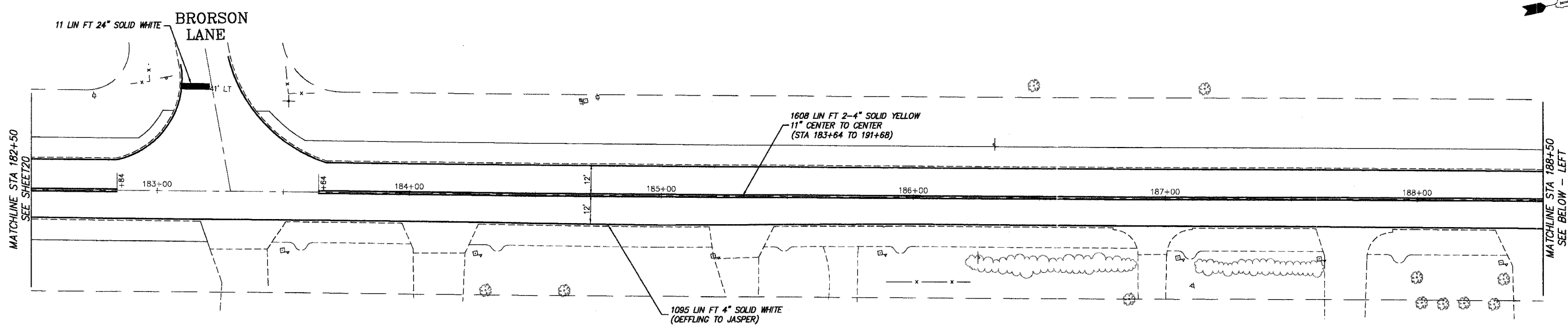
PLOT FILE: STANDARD  
 W.P. 01-20  
 COMP. FILE: 05096-000.DWG

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**SMITH ENGINEERING CONSULTANTS, INC.**  
 CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS  
 6500 PERRY PARKWAY, SUITE 301  
 MCHENRY, ILLINOIS 60050  
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 \* MCHENRY \* HUNTLEY \* YORKVILLE  
 ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

ILLINOIS DEPARTMENT OF TRANSPORTATION  
  
 VILLAGE OF JOHNSBURG  
 JOHNSBURG ROAD  
 PAVEMENT MARKING PLAN  
  
 SCALE: 1" = 20'  
 DATE 01-10-05  
 DRAWN BY TK  
 CHECKED BY TEH

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00010-00-RS	MCHENRY	25	21
STA.	182+50	TO STA.	194+50	
FED. ROAD DIST. NO. 1		ILLINOIS HIGHWAY PROJECT		
CONTRACT # 83854				



**SMITH ENGINEERING CONSULTANTS, INC.**  
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 \* MCHENRY \* HUNTLEY \* YORKVILLE  
 ILLINOIS PROFESSIONAL DESIGN FIRM # 104-000100

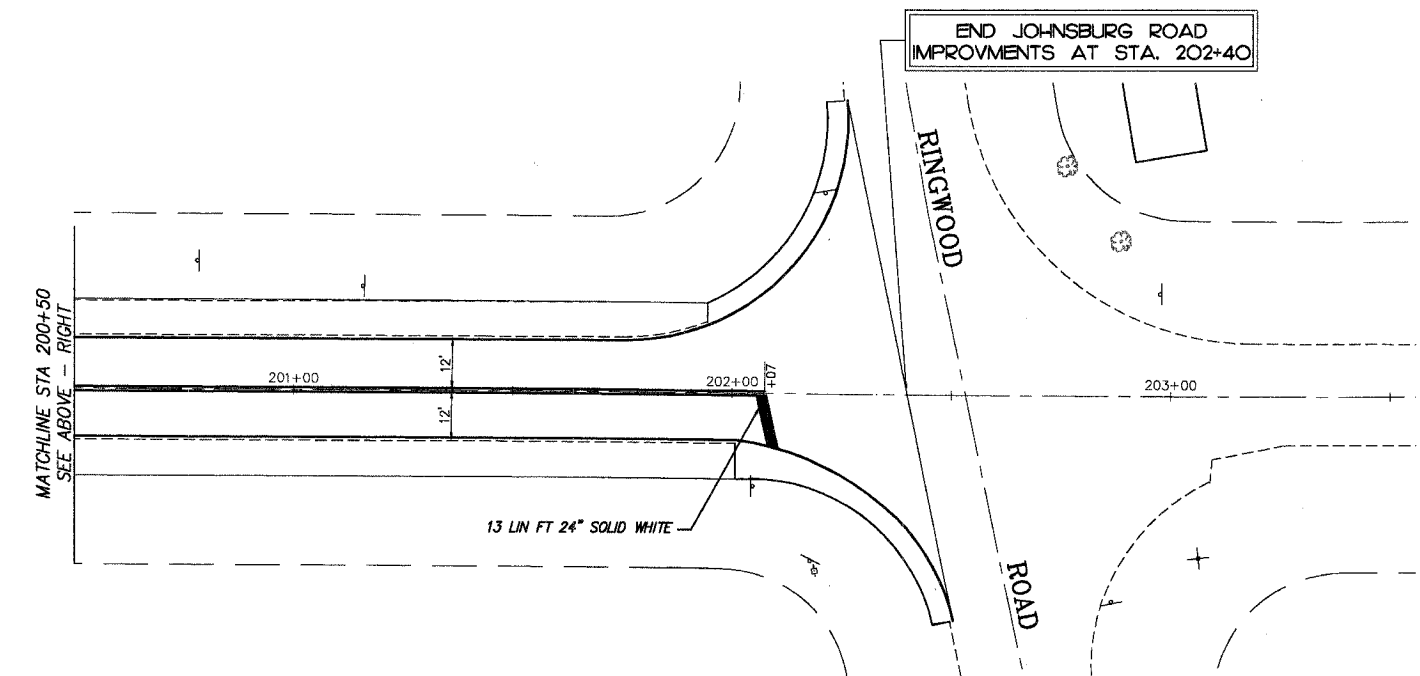
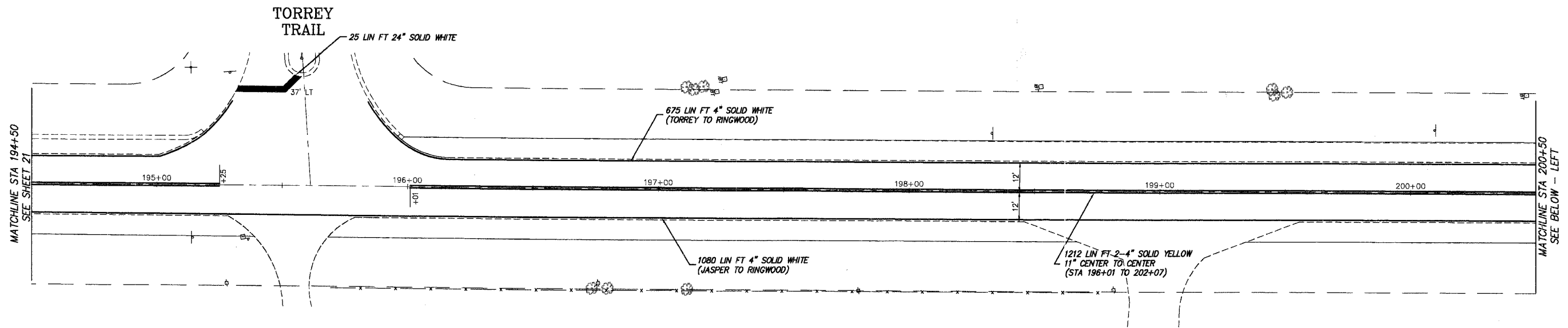
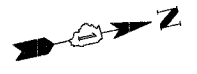
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 VILLAGE OF JOHNSBURG  
 JOHNSBURG ROAD  
 STRIPING & SIGNING PLAN

REVISIONS		
NO.	NAME	DATE
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SCALE: 1" = 20'  
 DATE 01-10-05  
 DRAWN BY TK  
 CHECKED BY TEH

PLOT FILE STANDARD  
 COMP. FILE: 051006-606.DWG

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00010-00-RS	MCHENRY	25	22
STA.	194+50	TO STA.	202+33	
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	
CONTRACT # 83854				



PLOT FILE: STANDARD  
 MARK: 01-22  
 COMP. FILE: 051006-803.DWG

REVISIONS	
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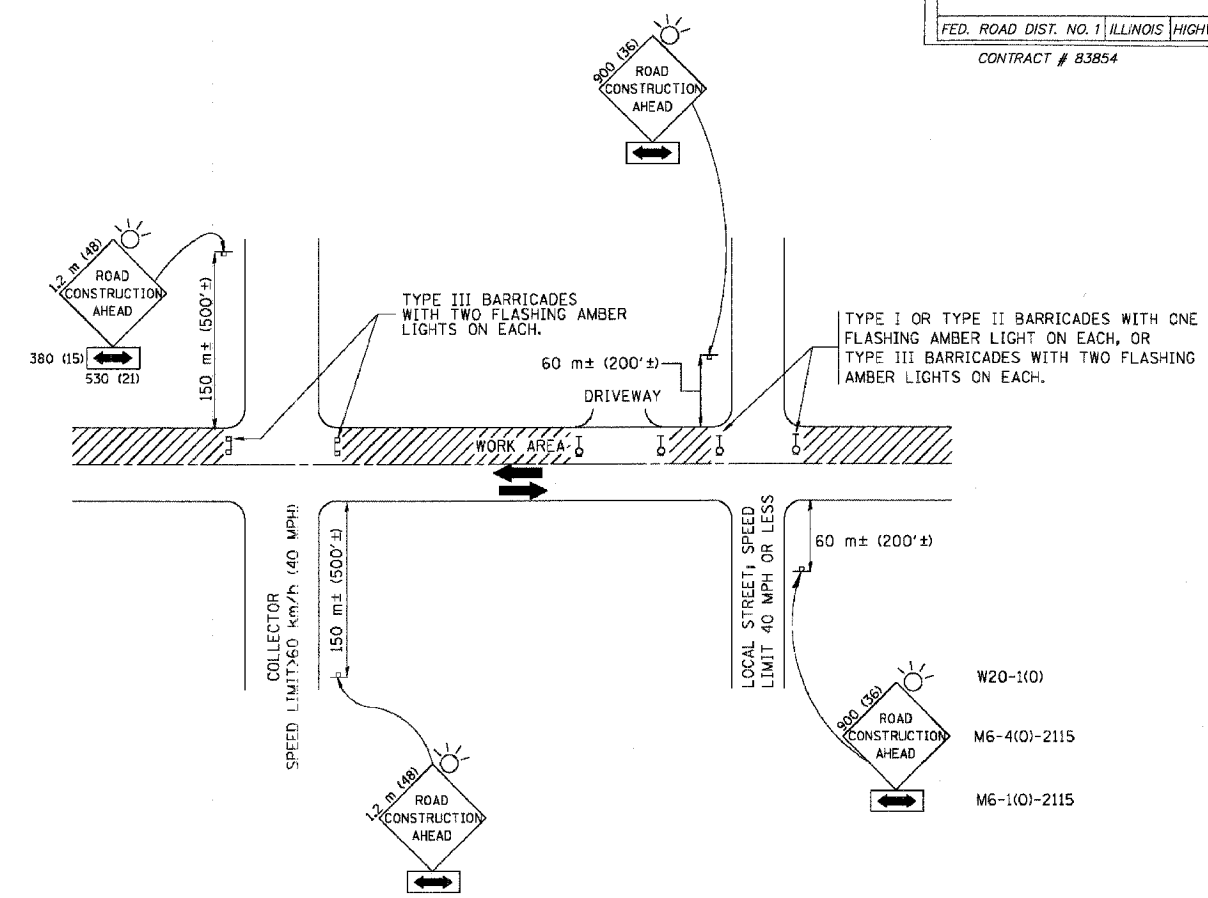
**SMITH ENGINEERING CONSULTANTS, INC.**  
 CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS  
 4500 PERRY PARKWAY, SUITE 301  
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 www.smithengineering.com E-MAIL: sec@smithengineering.com  
 MCHENRY HUNTLEY YORKVILLE  
 ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

ILLINOIS DEPARTMENT OF TRANSPORTATION  
  
 VILLAGE OF JOHNSBURG  
 JOHNSBURG ROAD  
 PAVEMENT MARKING PLAN  
  
 SCALE: 1" = 20'  
 DATE 01-10-06  
 DRAWN BY TK  
 CHECKED BY TEH

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00010-00-RS	MCHEMERY	25	23

FED. ROAD DIST. NO. 1 ILLINOIS HIGHWAY PROJECT 1

CONTRACT # 83854



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS**
- SIDE ROAD WITH A SPEED LIMIT OF 60 km/h (40 MPH) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - ONE **ROAD CONSTRUCTION AHEAD** SIGN 900x900 (36x36) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 60 m (200') IN ADVANCE OF THE MAIN ROUTE.
    - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
  - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 60 km/h (40 MPH) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - ONE **ROAD CONSTRUCTION AHEAD** SIGN 1.2 m x 1.2 m (48x48) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 150 m (500') IN ADVANCE OF THE MAIN ROUTE.
    - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
  - WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:**
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.**
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.**

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

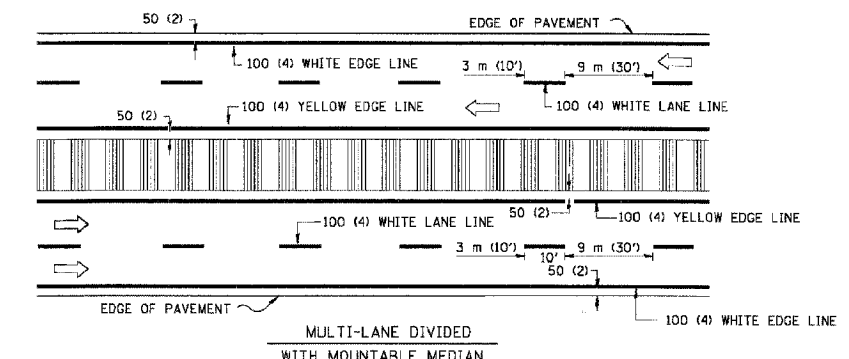
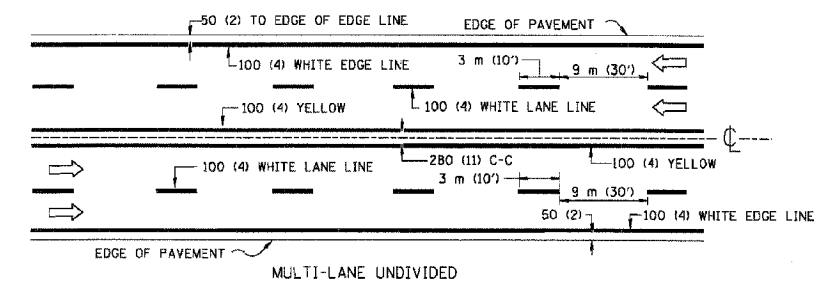
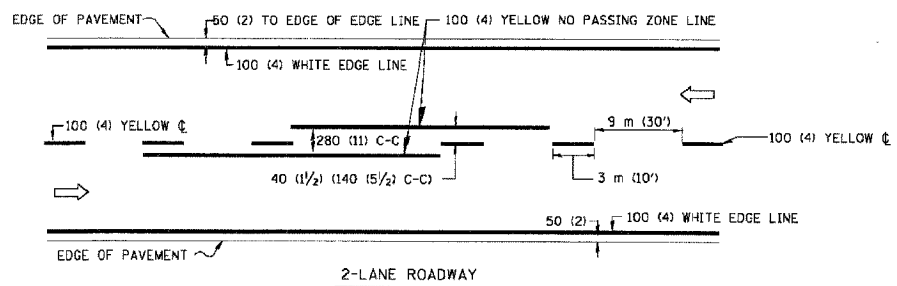
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TRAFFIC CONTROL AND PROTECTION  
 FOR  
 SIDE ROADS, INTERSECTIONS, AND  
 DRIVEWAYS

SCALE: VERT. DATE 10/18/2002  
 HORIZ.  
 DRAWN BY  
 CHECKED BY

TC-10  
 REVISION DATE: 01/06/00

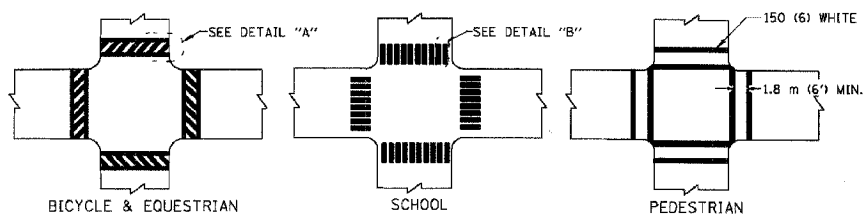
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168	05-00010-00-R3	MCHENRY	25	24

FED. ROAD DIST. NO. 1 ILLINOIS HIGHWAY PROJECT 1  
CONTRACT # 83854

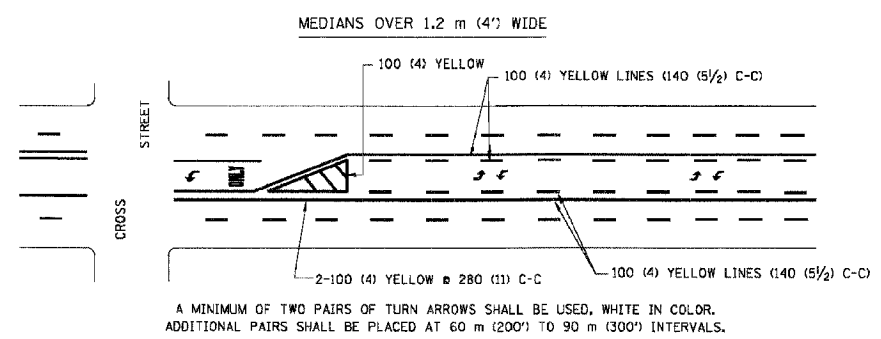
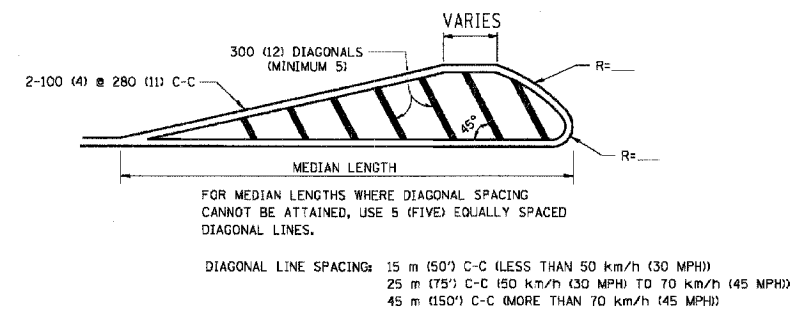
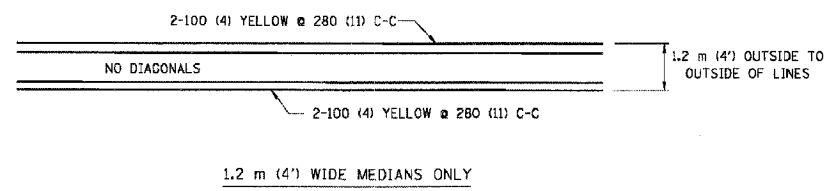


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

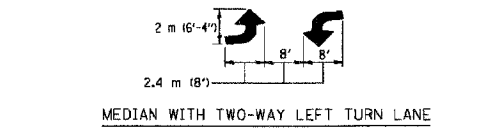
TYPICAL LANE AND EDGE LINE MARKING



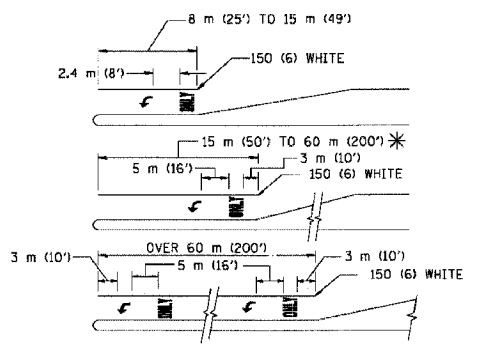
TYPICAL CROSSWALK MARKING



TYPICAL PAINTED MEDIAN MARKING



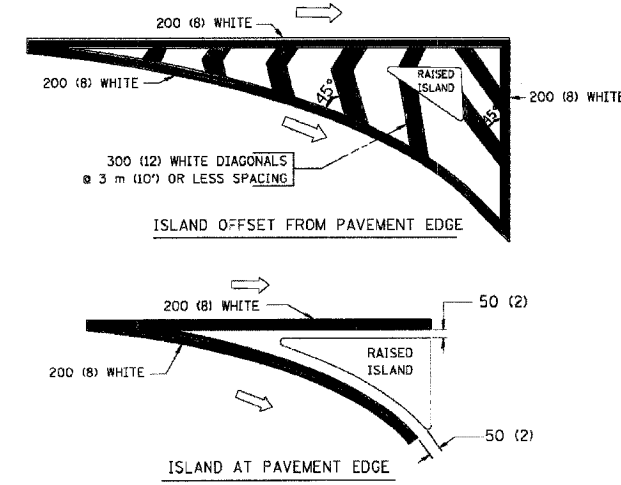
TYPICAL LEFT (OR RIGHT) TURN LANE



FULL SIZE LETTERS 2.4 m (8') AND ARROWS SHALL BE USED.  
AREA = 1.5 m<sup>2</sup> (15.6 SQ. FT.) ONLY AREA = 1.9 m<sup>2</sup> (20.8 SQ. FT.)

\* TURN LANES IN EXCESS OF 120 m (400') IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	100 (4)	SKIP-DASH	YELLOW	3 m (10') LINE WITH 9 m (30') SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 100 (4)	SOLID	YELLOW	280 (11) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	100 (4) 2 @ 100 (4)	SOLID SOLID	YELLOW YELLOW	140 (5 1/2) C-C FROM SKIP-DASH CENTERLINE 280 (11) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	100 (4) 125 (5) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	3 m (10') LINE WITH 9 m (30') SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	600 (2') LINE WITH 1.8 m (6') SPACE
EDGE LINES	100 (4)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	150 (6) LINE; FULL SIZE LETTERS & SYMBOLS (2.4 m (8'))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 100 (4) EACH DIRECTION 2.4 m (8') LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	3 m (10') LINE WITH 9 m (30') SPACE FOR SKIP-DASH; 140 (5 1/2) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 150 (6) 300 (12) @ 45° 300 (12) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 1.8 m (6') APART 600 (2') APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	600 (24)	SOLID	WHITE	PLACE 1.2 m (4') IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 100 (4) WITH 300 (12) DIAGONALS @ 45° NO DIAGONALS USED FOR 1.2 m (4') WIDE MEDIANS	SOLID	YELLOW: TWC WAY TRAFFIC WHITE: ONE WAY TRAFFIC	280 (11) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
CORE MARKING AND CHANNELIZING LINES	200 (8) WITH 300 (12) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 4.5 m (15') C-C (LESS THAN 50 km/h (30 MPH)) 6 m (20') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH)) 9 m (30') C-C (OVER 70 km/h (45 MPH))
RAILROAD CROSSING	600 (24) TRANSVERSE LINES; "RR" IS 1.8 m (6') LETTERS; 400 (16) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=0.33m <sup>2</sup> (3.6 SQ. FT.) EACH "X"=5.0 m <sup>2</sup> (54.0 SQ. FT.)
SHOULDER DIAGONALS	300 (12) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	15 m (50') C-C (LESS THAN 50 km/h (30 MPH)) 25 m (75') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH)) 45 m (150') C-C (OVER 70 km/h (45 MPH))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

REVISIONS	
NAME	DATE
EVERS	03-19-90
T. RAMMACHER	10-27-94
ALEX HOUSEH	10-09-96
ALEX HOUSEH	10-17-96
T. RAMMACHER	01-06-00

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT ONE  
TYPICAL PAVEMENT MARKINGS

SCALE: NONE  
DATE 10/18/2002

DRAWN BY CADD  
CHECKED BY  
TC-13  
REVISION DATE: 01/06/00



