

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	32-3HBR-1	GRUNDY	88	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CODE	ITEM	UNIT	TOTAL	BRI 80% FED 20% STATE		IM 90% FED 10% ST.	
				STRUCTURE SN032-0113 X771-2A	CULVERT 114+17.59 X028-2A	ROADWAY 1000	
20100110	TREE REMOVAL 6 TO 15 UNITS DIAMETER	UNIT	36			36	
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	3			3	
20100500	TREE REMOVAL, ACRES	ACRE	2.4			2.4	
20200100	EARTH EXCAVATION	CU. YD.	1,244			1,244	
20201400	SUB-BASE GRANULAR MATERIAL, TYPE A	TON	446			446	
20400800	FURNISHED EXCAVATION	CU. YD.	19,301			19,301	
20700400	POROUS GRANULAR EMBANKMENT (SPECIAL)	CU. YD.	547	160		387	
20800150	TRENCH BACKFILL	CU. YD.	48			48	
21300010	EXPLORATION TRENCH, SPECIAL	FOOT	300			300	
25000110	SEEDING, CLASS 1A	ACRE	0.4			0.4	
25000300	SEEDING, CLASS 3	ACRE	2.2			2.2	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	234			234	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	234			234	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	234			234	
25100115	MULCH, METHOD 2	ACRE	2.6			2.6	
25100630	EROSION CONTROL BLANKET	SQ. YD.	10,826			10,826	
25200100	SODDING	SQ. YD.	700			700	
25200200	SUPPLEMENTAL WATERING	UNIT	15			15	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	10,400			10,400	
28000300	TEMPORARY DITCH CHECKS	EACH	29			29	
28000400	PERIMETER EROSION BARRIER	FOOT	2,662			2,662	
28000500	INLET AND PIPE PROTECTION	EACH	9			9	
28100107	STONE RIPRAP, CLASS A4	SQ. YD.	810			810	
28200200	FILTER FABRIC	SQ. YD.	810			810	
35101400	AGGREGATE BASE COURSE, TYPE B	TON	3,473			3,473	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	25			25	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	110			110	
40800040	INCIDENTAL BITUMINOUS SURFACING	TON	53			53	
42001165	BRIDGE APPROACH PAVEMENT	SQ. YD.	222			222	
42001300	PROTECTIVE COAT	SQ. YD.	323			323	
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ. YD.	56			56	
42100335	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 11 1/4"	SQ. YD.	134			134	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ. YD.	95			95	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ. YD.	140			140	
48202600	BITUMINOUS SHOULDER SUPERPAVE, 8"	SQ. YD.	1,415			1,415	
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1			
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		1		
50104650	SLOPEWALL REMOVAL	SQ. YD.	388	388			
50105220	PIPE CULVERT REMOVAL	FOOT	100			100	
50200100	STRUCTURE EXCAVATION	CU. YD.	957	957			
50300150	NEOPRENE EXPANSION JOINT 2"	FOOT	82	82			
50300225	CONCRETE STRUCTURES	CU. YD.	176.9	176.9			
50300255	CONCRETE SUPERSTRUCTURE	CU. YD.	280.1	280.1			
50300260	BRIDGE DECK GROOVING	SQ. YD.	1,016	816		200	
50300300	PROTECTIVE COAT	SQ. YD.	1,080	1,080			
50300310	ELASTOMERIC BEARING ASSEMBLY, TYPE 1	EACH	12	12			
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1	1			
50500505	STUD SHEAR CONNECTORS	EACH	2,424	2,424			
50800105	REINFORCEMENT BARS	POUND	4,500	4,500			
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	84,780	83,330	1,450		
51100100	SLOPEWALL 4 INCH	SQ. YD.	507	507			
51201610	FURNISHING STEEL PILES HP12X63	FOOT	1,714	1,714			
51202700	DRIVING STEEL PILES	FOOT	1,714	1,714			
51203610	TEST PILE STEEL HP12X63	EACH	3	3			
51500100	NAME PLATES	EACH	1	1			
54003000	CONCRETE BOX CULVERTS	CU. YD.	43.1	43.1			
54011208	PRECAST CONCRETE BOX CULVERT 12'x8'	FOOT	129	129			
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	113			113	
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	222			222	
54210015	PIPE CULVERTS, CLASS D, TYPE 1 15" (TEMPORARY)	FOOT	130			130	
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2			2	
54215421	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 21"	EACH	1			1	
54215424	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 24"	EACH	1			1	
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1			1	
X0795800	COARSE AGGREGATE	TONS	900			900	
X3550610	BITUMINOUS BASE COURSE, SUPERPAVE, 9 1/2"	SQ. YD.	388			388	

CODE	ITEM	UNIT	TOTAL	BRI 80% FED 20% STATE		IM 90% FED 10% ST.	
				STRUCTURE SN032-0113 X771-2A	CULVERT 114+17.59 X028-2A	ROADWAY 1000	
54215547	METAL END SECTIONS 12"	EACH	4			4	
54215550	METAL END SECTIONS 15"	EACH	8			8	
550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	144			144	
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	110			110	
55101100	STORM SEWER REMOVAL, 21"	FOOT	15			15	
58700200	BRIDGE SEAT SEALER	SQ. FT.	232	232			
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	4			4	
60100945	PIPE DRAINS 12"	FOOT	238			238	
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1			1	
60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	1			1	
60255500	MANHOLE TO BE ADJUSTED	EACH	1			1	
60900140	TYPE B INLET BOX, STANDARD 609006	EACH	4			4	
61140000	STORM SEWERS, SPECIAL 8"	FOOT	100			100	
61140100	STORM SEWERS, SPECIAL 10"	FOOT	100			100	
61140200	STORM SEWERS, SPECIAL 12"	FOOT	100			100	
61140800	STORM SEWERS, SPECIAL 21"	FOOT	100			100	
61140900	STORM SEWERS, SPECIAL 24"	FOOT	100			100	
63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	1,648			1,648	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1			1	
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4			4	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	EACH	4			4	
63200310	GUARDRAIL REMOVAL	FOOT	1,615			1,615	
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	19			19	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12			12	
67100100	MOBILIZATION	L SUM	1			1	
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	1			1	
70103700	TRAFFIC CONTROL COMPLETE	L SUM	1			1	
70400100	TEMPORARY CONCRETE BARRIER	EACH	90			90	
72000100	SIGN PANEL - TYPE 1	SQ. FT.	75			75	
72000300	SIGN PANEL - TYPE 3	SQ. FT.	202			202	
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	7,911			7,911	
78200400	GUARDRAIL REFLECTORS	EACH	50			50	
Z0002600	BAR SPLICERS	EACH	64	64			
Z0005215	BITUMINOUS STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL	SQ. YD.	632			632	
Z0013300	CONCRETE REMOVAL (SPECIAL)	SQ. YD.	14			14	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1			1	
Z0030050	IMPACT ATTENUATORS (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	EACH	2			2	
Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	4			4	
Z0076600	TRAINEES	HOURLY	200			200	
XX000372	TEMPORARY AGGREGATE	TON	170			170	
X0323582	REMOTE MESSAGE BOARD	CAL MO	12			12	
X0323830	DRAINAGE SCUPPERS, DS-11	EACH	4	4			
X0350800	BOLLARDS	EACH	3			3	
X0996100	CONCRETE POST REMOVAL	EACH	3			3	
X4073046	BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 8 1/4"	SQ. YD.	4,373			4,373	
XX000714	FENCE TO BE REMOVED AND RE-ERECTED	FOOT	185			185	
XX001017	REMOVE RIGHT-OF-WAY MARKERS	EACH	4			4	

* SPECIALTY ITEM
Δ SAFETY PAY ITEM PAY CODE SFTY-3N

0-Y080

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
F.A.I. 80 (I-80)
SECTION 32-3HBR-1
GRUNDY COUNTY

DATE: 09/09/05

DRAWN BY: JJO
CHECKED BY: MSW

CONTRACT NO. 66407

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	32-3HBR-1	GRUNDY	88	19
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND

- FLASHING LIGHT
- ◇ 18"x8" ORANGE FLAG

- ① M4-10 48x18 MI-1
- ② R11-3a 60x30 MI-1
ROAD CLOSED
1/2 MILE AHEAD
- ③ R11-3a 60x30 MI-1
ROAD CLOSED
1 MILE AHEAD
- ④ R11-3a 60x30 MI-1
ROAD CLOSED
5 MILES AHEAD
- ⑤ W20-2 36x36
DETOUR
AHEAD
- ⑥ W20-3 36x36
ROAD
CLOSED
AHEAD
- ⑦ M4-8 24x12 MI-1
M6-3 21x15
DETOUR
- ⑧ M4-10 48x18 MI-1
DETOUR

- ⑨ M1-1 M3-2 24x12 R11-2 48x30
ROAD
CLOSED
DETOUR USE
US ROUTE 6
SEE "SIGN
DETAIL" NO. 1

GENERAL NOTES:

- 1.) ONLY SIGNS THAT ARE TO BE ADDED ARE SHOWN ON THIS MAP.
- 2.) ALL SIGNS TO BE POST MOUNTED.
- 3.) CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL SIGNAGE AT ALL TIMES.
- 4.) WORK SHALL BE DONE IN ACCORDANCE WITH BLR-21
- 5.) DETOUR SIGNS SHALL BE COVERED WHEN NOT IN USE.
- 6.) ALL SIGNS WILL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR.
- 7.) SEE SHEET 19A FOR SIGNAGE LAYOUT

NOTE:

EASTBOUND, AND MINOOKA WILL NEED TO BE CLOSED WITH TYPE III BARRICADES AND ROAD CLOSED SIGNS.

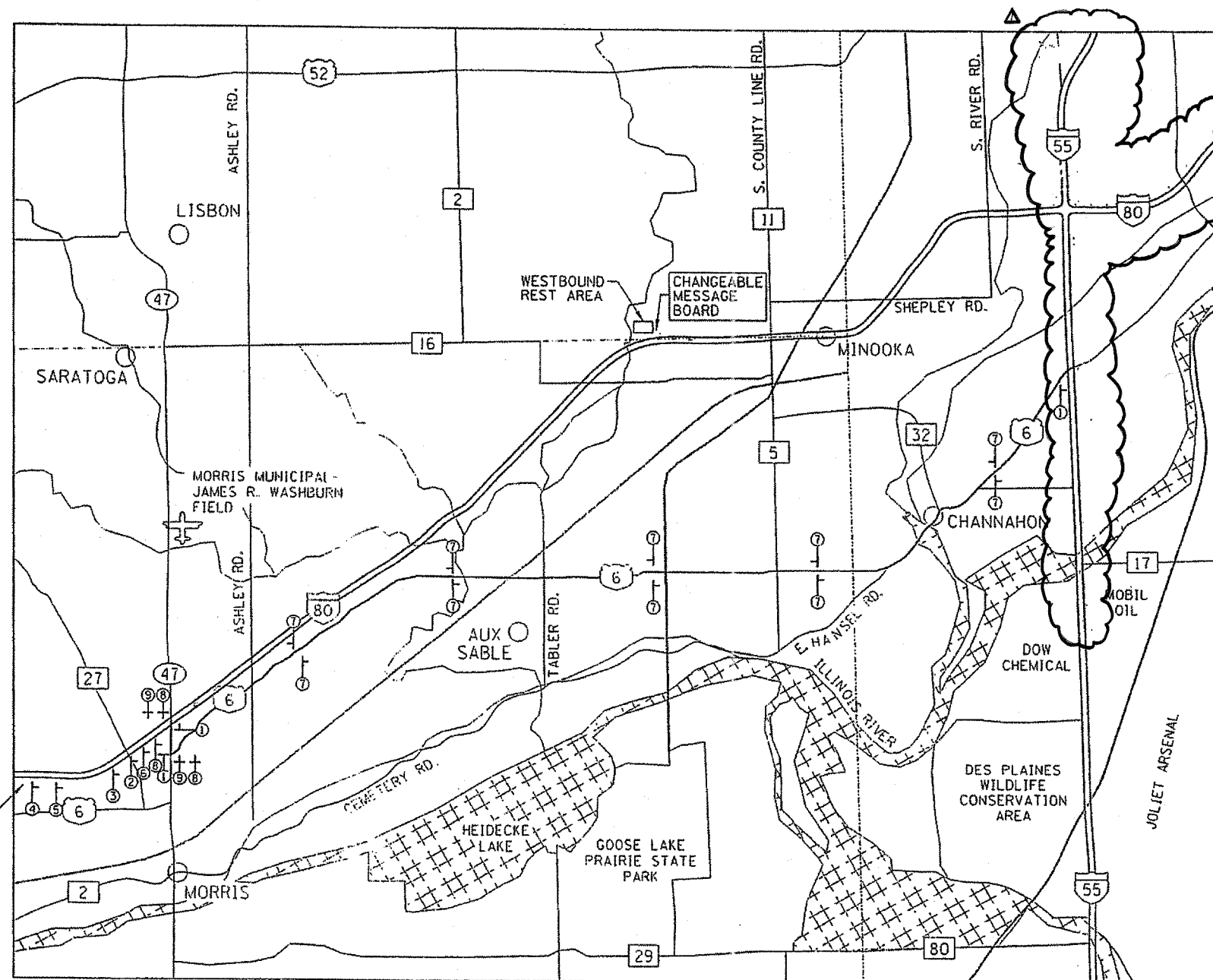
IL 47 TO I-80

REVISED
3-2-06

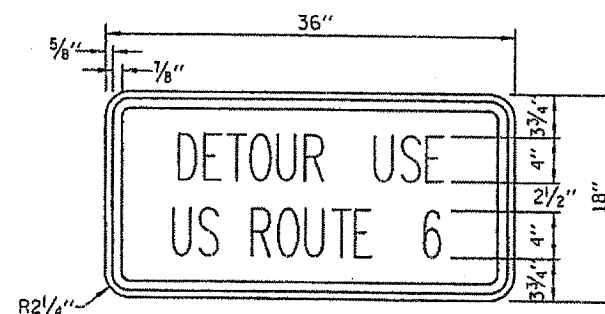
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DETOUR MAP I-80
F.A.I. 80 (I-80)
SECTION 32-3HBR-1
GRUNDY COUNTY

DRAWN BY: JJD



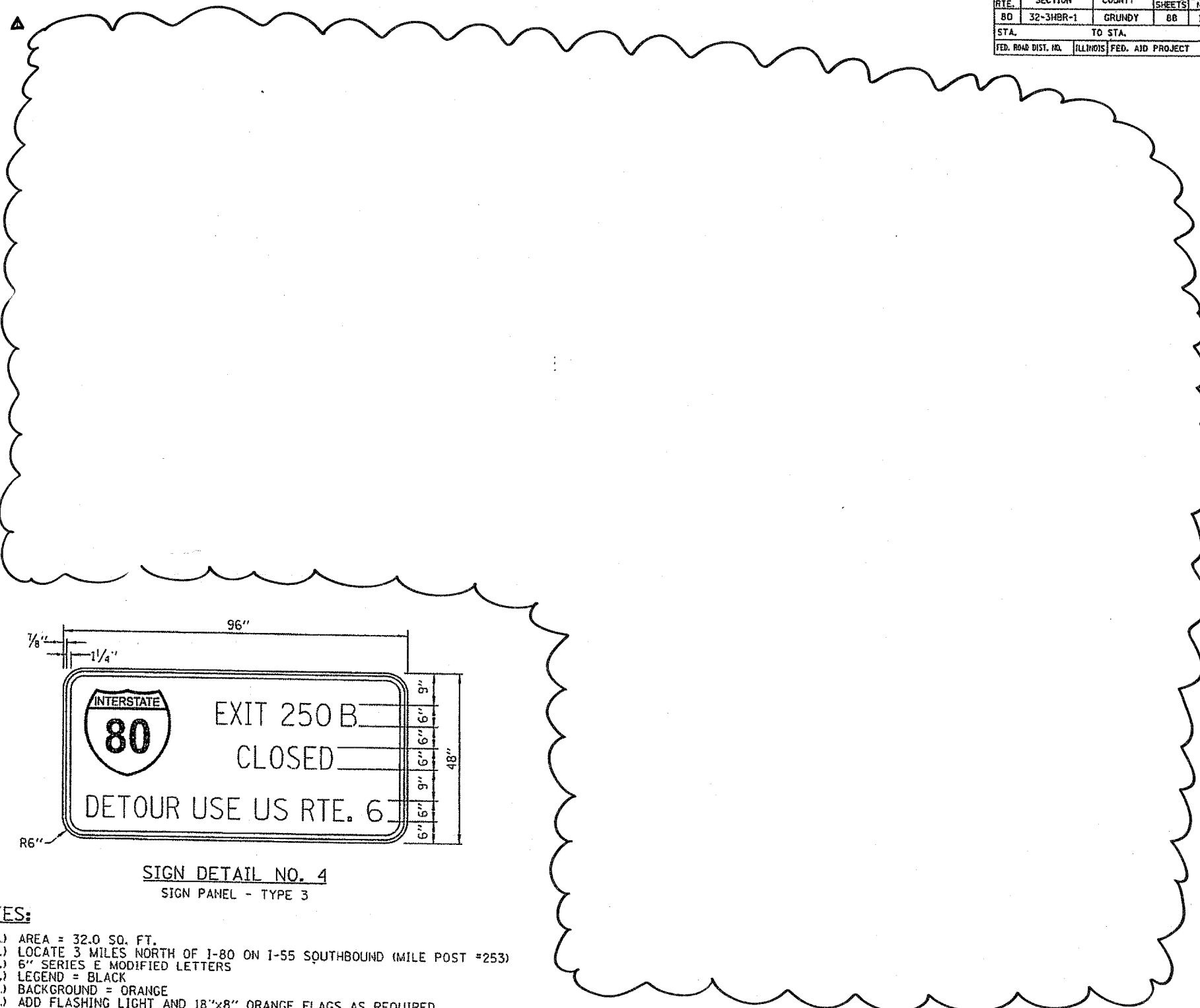
CONTRACT NO. 66407				
F.A.I. SHEET NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	32-3HBR-1	GRUNDY	88	19A
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



SIGN DETAIL NO. 1
SIGN PANEL - TYPE 1

NOTES:

- 1.) AREA = 4.50 SQ. FT.
- 2.) TOTAL AREA REQUIRED (4-SIGNS) = 18.0 SQ. FT.
- 3.) 4" SERIES C LETTERS
- 4.) LEGEND = BLACK
- 5.) BACKGROUND = ORANGE



SIGN DETAIL NO. 4
SIGN PANEL - TYPE 3

NOTES:

- 1.) AREA = 32.0 SQ. FT.
- 2.) LOCATE 3 MILES NORTH OF I-80 ON I-55 SOUTHBOUND (MILE POST #253)
- 3.) 6" SERIES E MODIFIED LETTERS
- 4.) LEGEND = BLACK
- 5.) BACKGROUND = ORANGE
- 6.) ADD FLASHING LIGHT AND 18"x8" ORANGE FLAGS AS REQUIRED

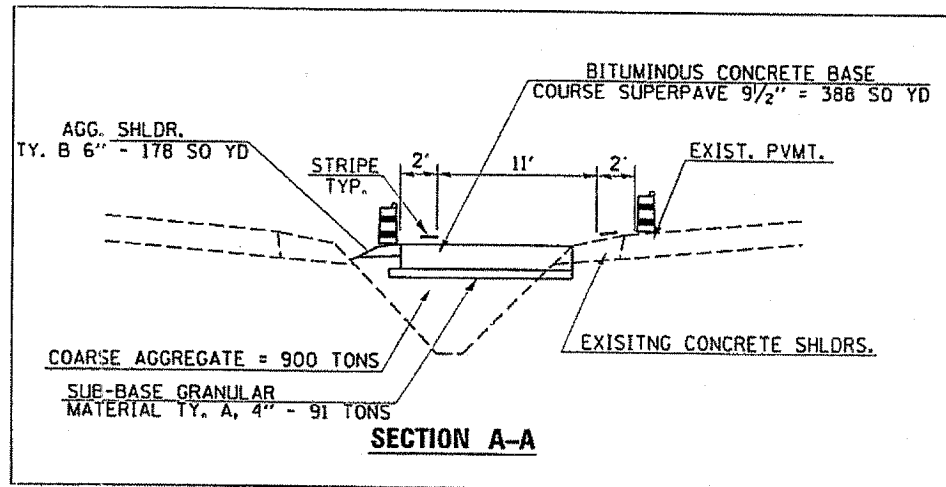
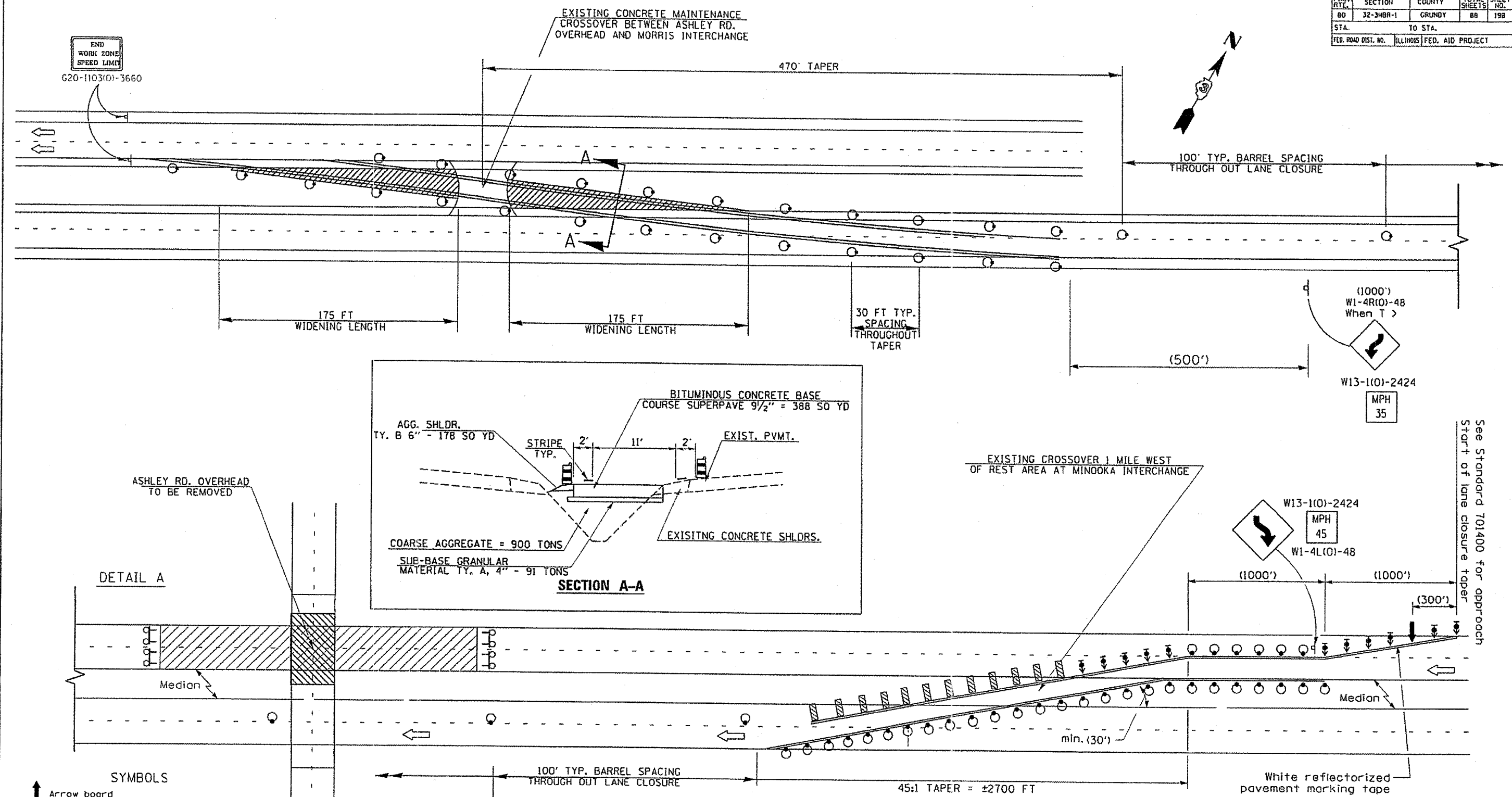
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DETOUR DETAILS
F.A.I. 80 (I-80)
SECTION 32-3HBR-1
GRUNDY COUNTY

DRAWN BY: JJO

REVISED
3-2-06

CONTRACT NO. 66407				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	32-3HBR-1	GRUNDY	88	198
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- SYMBOLS**
- ↑ Arrow board
 - ▨ Work area
 - † Sign
 - ↑ Direction indicator barricade with steady burn monodirectional light
 - Drum with steady burn monodirectional light
 - ▨ Vertical Panel (back to back)
 - ⊕ Type III barricade with flashing lights

NOTE: SEE PG 19 AND PG 19A FOR EASTBOUND DETOUR TO RT. 6

Added 3-2-06

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH CROSSOVER FOR WESTBOUND TRAFFIC

SCALE: VERT. DATE
HORIZ. DATE

DRAWN BY
CHECKED BY