

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	1

* [X1-(4,4-1,5,6,6-2)] R-1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
INTERSTATE HIGHWAY PLANS**

F.A.I. ROUTE 57 (I-57)
SECTION [X1-(4,4-1,5,6,6-2)] R-1
PROJECT NO. IM-057-2(145)062
WILLIAMSON COUNTY
C-99-040-06

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4 - 5

STATION EQUATIONS

STA EQ 289+26.45 @ BK = STA 0+00.00 @ AH
STA EQ 57+43.55 @ BK = STA 57+46.55 @ AH
STA EQ 157+95.58 @ BK = STA 157+96.05 @ AH
STA EQ 347+00.75 @ BK = STA 348+43.15 @ AH
STA EQ 419+74.18 @ BK = STA 1461+00 @ AH

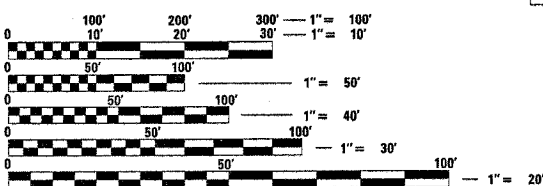
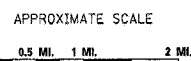
TRAFFIC DATA

I-57 TRAFFIC DATA
(NORTHBOUND LANES ONLY)
2004 ADT = 16,850 WITH 33% TRUCKS
2007 ADT = 17,880 WITH 33% TRUCKS
2017 ADT = 21,800 WITH 33% TRUCKS

TOWNSHIPS

HERRIN
WEST MARION

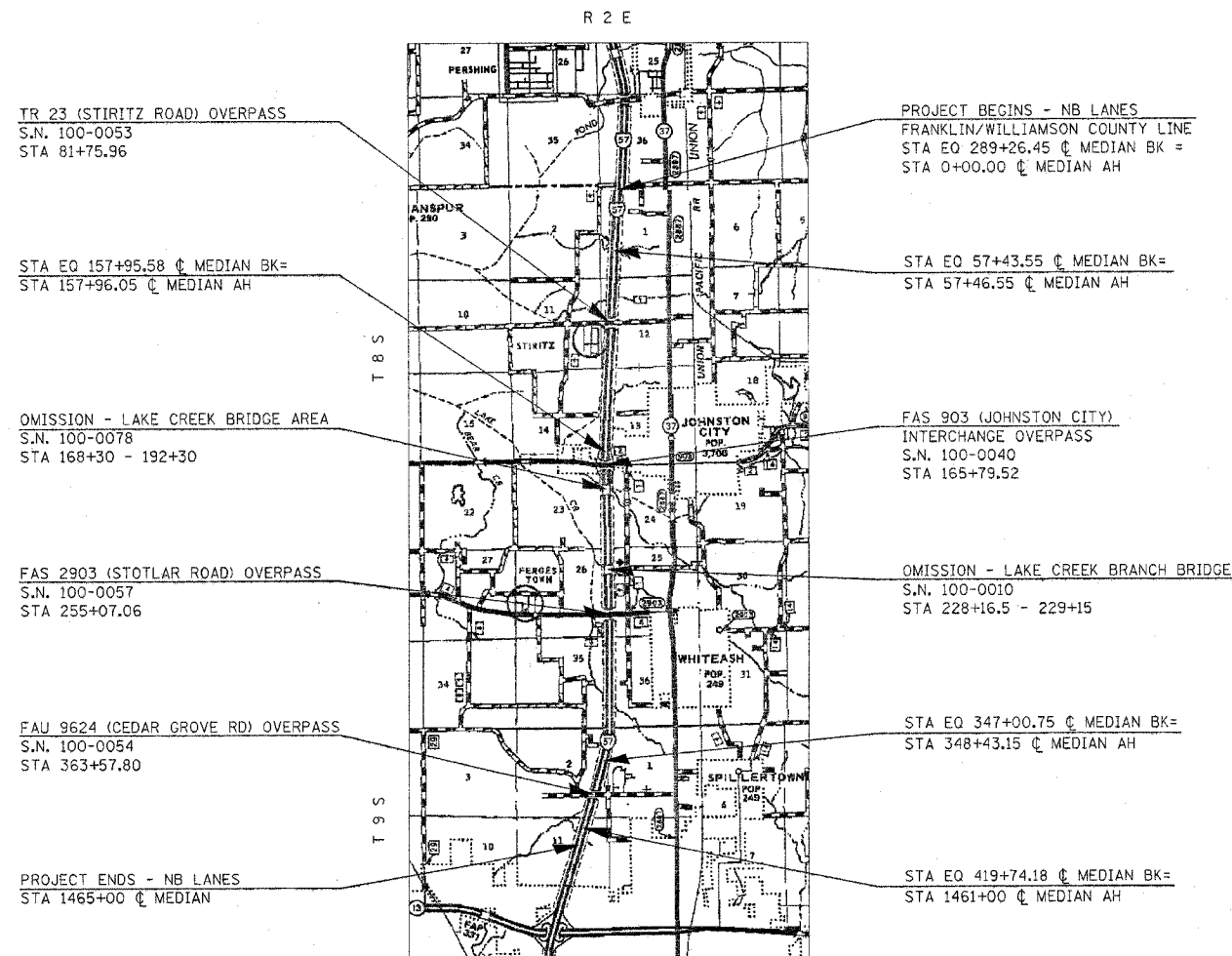
STATION	MILE POST
0+00	62
JOHNSTON CITY INTERCHANGE	59
1461+00	54
1465+00	54
MARION INTERCHANGE	54 A&B



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 or www.julietcall.com

CONTRACT NO. 98948



GROSS LENGTH OF PROJECT = 42,588.31 FT = 8.066 MILES (NB)
NET LENGTH OF PROJECT = 39,619.81 FT = 7.504 MILES (NB)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Aug 21 2006
Mar C. Harris
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

20 _____
ENGINEER OF DESIGN AND ENVIRONMENT

20 _____
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

PROJECT ENGINEER: CHARLES STEIN
SQUAD LEADER: CYNTHIA DETERING

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	2
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

* CX1-14,4-1,5,6,6-211 R-1

INDEX OF SHEETS

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4 - 5	SUMMARY OF QUANTITIES
6 - 10	FAI 57 TYPICAL SECTIONS
11	JOHNSTON CITY ENTRANCE RAMP TYPICAL SECTION
12 - 15	SCHEDULES OF QUANTITIES
16	BENCHMARKS
17 - 31	PLAN SHEETS
32	I-57 JOHNSTON CITY INTERCHANGE PLAN SHEET
33	PLAN AND PROFILE SHEET TR 23 (STIRITZ ROAD) OVERPASS
34	PLAN AND PROFILE SHEET FAS 903 (JC INTERCHANGE) OVERPASS
35	PLAN AND PROFILE SHEET SN 100-0010 - LAKE CREEK BRANCH
36	PLAN AND PROFILE SHEET FAS 2903 (STOTLAR ROAD) OVERPASS
37	PLAN AND PROFILE SHEET FAU 9624 (CEDAR GROVE ROAD) OVERPASS
38	SUGGESTED MESSAGE BOARD PLACEMENT
39 - 47	ALTERNATE ROUTE SIGNING PLAN
48	TRAFFIC CONTROL PLAN - JOHNSON CITY EXIT RAMP
49	DETAIL: MEDIAN CROSSOVER RESURFACING
50 - 52	DETAILS: BUTT JOINTS AND RESURFACING TRANSITIONS
53	DETAILS: PAVEMENT MARKING AND TRAFFIC CONTROL ON ENTRANCE RAMP
54	DETAILS: TEMPORARY BITUMINOUS CONCRETE TRANSITIONS; ROUGH GROOVED SURFACE SIGN; STONE RIPRAP DITCH
55	DETAILS: DETECTOR LOOPS; LOOP SPLICING; AXLE DETECTOR
	HIGHWAY STANDARDS

HIGHWAY STANDARDS

000001-04	701101-01
280001-02	701106-01
	701400-02
420701-01	701401-03
442101-05	701411-03
	702001-06
630001-06	
631026-02	720001
631033-01	720006
635001	720011
635006-02	
635011-01	780001-01
642001	781001-02
701426-02	814001
704001-02	

CORE RESULTS

I - 57 NORTHBOUND LANES
 FOR INFORMATION ONLY
 SAMPLES COLLECTED NOVEMBER 2005

DRIVING LANE		PASSING LANE	
STATION 53+00	STATION 164+00	STATION 3+00	STATION 85+00
4" BITUMINOUS	4 3/4" BITUMINOUS	3 3/4" BITUMINOUS	4 1/4" BITUMINOUS
10 1/4" PCC	11 3/8" PCC	10 1/4" PCC	10 1/2" PCC
AGGREGATE BASE	AGGREGATE BASE	AGGREGATE BASE	AGGREGATE BASE
STATION 256+00	STATION 393+00	STATION 219+00	STATION 328+00
4" BITUMINOUS	4 1/8" BITUMINOUS	3 5/8" BITUMINOUS	3 3/4" BITUMINOUS
10 1/2" PCC	9 1/2" PCC	10 1/2" PCC	9 3/4" PCC
AGGREGATE BASE	AGGREGATE BASE	AGGREGATE BASE	AGGREGATE BASE

Prepared By: *Joe DeBorja*
DISTRICT STUDIES & PLANS ENGINEER

Examined By: *Harold Davis*
DISTRICT LAND ACQUISITION ENGINEER

Examined By: *Carole Miller*
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: *Norm Krummel*
DISTRICT OPERATIONS ENGINEER

Examined By: *Joseph Lewis*
DISTRICT CONSTRUCTION ENGINEER

Examined By: *David Wood*
DISTRICT MATERIALS ENGINEER

Examined By: *Tom Justice*
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: *...*
ASSISTANT REGIONAL ENGINEER

Approved By: *...*
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

DATE: *Aug 21 2005*

PLOT DATE = 8/18/2005
 FILE NAME = I:\98948\98948.DWG
 PLOT SCALE = 50.0000 / IN.
 USER NAME = ahappard

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	3
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
* [X1-(4,4-1,5,6,6-2)] R-1				

GENERAL NOTES

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL BITUMINOUS CONCRETE 2.016 TONS/CU. YD.	BITUMINOUS MATERIALS: ON PAVEMENT 0.09 GAL./SQ. YD.
ALL AGGREGATE 2.05 TONS/CU. YD.	INTERMEDIATE LIFTS (FOG COAT) 0.04 GAL./SQ. YD.
RIPRAP 1.50 TONS/CU. YD.	ON AGGREGATE SURFACE 0.32 GAL./SQ. YD.
AGGREGATE (PRIME COAT) 0.0015 TONS/SQ. YD.	

THE RUBBLIZED CONCRETE SHALL BE PRIMED AT AGGREGATE SURFACE RATE WITH NON-POLYMERIZED PRIME COAT. POLYMERIZED PRIME COAT SHALL BE USED FOR ALL OTHER SURFACES.

THE CONTRACTOR SHALL STAMP STATIONING IN THE BITUMINOUS SURFACE AT 300 FT. INTERVALS ON THE OUTSIDE EDGE OF PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

EXISTING CONCRETE PATCHES ENCOUNTERED DURING MILLING OPERATIONS SHALL BE MILLED WITH THE SURROUNDING BITUMINOUS SURFACE REMOVAL. NO ADDITIONAL COMPENSATION WILL BE PROVIDED.

SAW CUTS REQUIRED FOR BUTT JOINTS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE BUTT JOINT.

EXISTING PIPE UNDERDRAIN OUTLETS IN THE FORESLOPES OR MEDIAN SLOPES SHALL BE PRESERVED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO AN UNDERDRAIN OUTLET RESULTING FROM CONSTRUCTION ACTIVITY SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16, THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT AS DEFINED IN ARTICLE 107.16 REGARDLESS IF TRACK MOUNTED OR WHEELED.

PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

TWO APPLICATIONS OF TEMPORARY EROSION CONTROL SEEDING HAVE BEEN INCLUDED. THE ACTUAL QUANTITY, LOCATIONS, AND APPLICATIONS SHALL BE AS DIRECTED BY THE ENGINEER. THE APPLICATION RATE SHALL BE AS PER ARTICLE 280.04(f).

ALL VERTICAL SURVEY DATA IN THE PLANS REFERENCES THE 1929 NORTH AMERICAN VERTICAL DATUM. IF ADDITIONAL SURVEY INFORMATION IS NEEDED, CONTACT THE DISTRICT NINE CHIEF OF SURVEYS.

THE QUANTITY OF DELINEATORS AND DELINEATOR REMOVAL HAS BEEN ESTIMATED TO REFLECT ADDITIONAL DAMAGE IN THE TIME BETWEEN DESIGN AND LETTING. THE ACTUAL QUANTITY SHALL BE DETERMINED BY THE ENGINEER. ALL DELINEATORS DAMAGED BY THE CONSTRUCTION OF THIS PROJECT SHALL BE REPLACED IN KIND AT THE EXPENSE OF THE CONTRACTOR.

A QUANTITY OF LOCATING UNDERGROUND CABLE HAS BEEN INCLUDED IN THE PLANS. THIS SHALL BE USED TO LOCATE THE HIGHWAY LIGHTING CABLES PRIOR TO THE INSTALLATION OF GUARDRAIL POSTS AND OTHER ITEMS IN THE JOHNSTON CITY INTERCHANGE AREA, OR AS DIRECTED BY THE ENGINEER.

ALL EQUIPMENT USED FOR THE PLACEMENT OF THE INCIDENTAL BITUMINOUS SURFACING SHALL BE APPROVED BY THE ENGINEER PRIOR TO ITS USE.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND PROTECT ALL DRAINAGE STRUCTURES PRIOR TO AND DURING RUBBLIZATION OPERATIONS. ANY DAMAGE TO A DRAINAGE STRUCTURE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. A PARTIAL LIST OF EXISTING STRUCTURES IS FOUND BELOW. IT IS FOR INFORMATION ONLY.

STATION	ESTIMATED FILL (FT)	DESCRIPTION
21+36	10	36" RCCP
26+00	6	24" RCCP
56+07	6	8' X 5' RC BOX CULVERT
67+52	5	10' X 7' RC BOX CULVERT
92+25	4	7' X 4.5' RC BOX CULVERT
122+30	3.5	9' X 6' RC BOX CULVERT
135+90	3	36" RCCP
202+79	10	36" RCCP
260+90	4	72" RCCP
294+31	6	36" RCCP
302+31	10	84" RCCP
386+66	9	48" RCCP

GENERAL NOTES (CONT.)

QUANTITIES OF SIGN PANEL - TYPE 1 AND METAL POST - TYPE A HAVE BEEN INCLUDED IN THE PLANS IN ADDITION TO THE ALTERNATE ROUTE SIGNING. THESE ITEMS SHALL BE USED TO REPLACE THE EXISTING MILE MARKER SIGNS FOR THE NORTHBOUND LANES. QUANTITIES FOR EIGHT SIGNS HAVE BEEN INCLUDED. ALL MILE MARKER SIGNS DAMAGED BY CONSTRUCTION OF THIS PROJECT SHALL BE REPLACED IN KIND AT THE EXPENSE OF THE CONTRACTOR.

COMMITMENTS

NONE

MIXTURE REQUIREMENTS

LOCATION(S):	POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE BITUMINOUS SHOULDERS (BOTTOM 2 1/2")
MIXTURE USE(S):	POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N105, IL-19.0
AC/PG:	SBS PG76-22
RAP % (MAX):	0
DESIGN AIR VOIDS:	4.0 %, 105 GYRATION SUPERPAVE DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0 MM
FRICTION AGGREGATE:	NONE

LOCATION(S):	BITUMINUS CONCRETE SURFACE COURSE
MIXTURE USE(S):	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX E, N105
AC/PG:	SBS PG76-22
RAP % (MAX):	0
DESIGN AIR VOIDS:	4.0 %, 105 GYRATION SUPERPAVE DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 MM OR IL-12.5 MM
FRICTION AGGREGATE:	E SURFACE

LOCATION(S):	BITUMINOUS SHOULDERS (TOP 2" OF ALL SHOULDERS)
MIXTURE USE(S):	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX C, N90
AC/PG:	SBS PG76-22
RAP % (MAX):	0
DESIGN AIR VOIDS:	4.0 %, 90 GYRATION SUPERPAVE DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 MM OR IL-12.5 MM
FRICTION AGGREGATE:	C SURFACE

LOCATION(S):	INCIDENTAL BITUMINOUS SURFACING (MEDIAN CROSSEOVERS)
MIXTURE USE(S):	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX C, N90
AC/PG:	PG64-22
RAP % (MAX):	10
DESIGN AIR VOIDS:	4.0 %, 90 GYRATION SUPERPAVE DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 MM OR IL12.5 MM
FRICTION AGGREGATE:	C SURFACE

LOCATION(S):	BITUMINOUS MATERIALS (PRIME COAT), SPECIAL
MIXTURE USE(S):	POLYMER MODIFIED EMULSIFIED ASPHALT
REQUIREMENTS:	SS-1HP OR CSS-1HP

STRUCTURES WITHIN PROJECT LIMITS

STRUCTURE NO.	DESCRIPTION	OPERATING RATING	INVENTORY RATING	POSTING	MTD APPROVAL
100 - 0010	LAKE CREEK BRANCH	52.6	32.7	NONE	LOADED
100 - 0040	FAS 903	31.6	20.7	NONE	-
100 - 0053	STIRITZ ROAD	26.2	17.3	NONE	-
100 - 0054	CEDAR GROVE ROAD	24.7	16.1	NONE	-
100 - 0057	STOTLAR ROAD	32.8	21.7	NONE	-
100 - 0078	LAKE CREEK	36.0	20.0	NONE	LOADED

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USER NAME = thomson

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	4
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
* [X1-(4,4-1,5,6,6-2)] R-1				

SUMMARY OF QUANTITIES

SHEET 1 OF 2

CODE NUMBER	ITEM DESCRIPTION CONSTRUCTION TYPE CODE	UNIT	90% FEDERAL / 10% STATE WILLIAMSON COUNTY	
			TOTAL QUANTITY	ROADWAY I 000
X0300471	RUBBLIZING PORTLAND CEMENT CONCRETE PAVEMENT	SQ YD	100,035	100,035
* X0300780	PIEZO ELECTRIC AXLE SENSOR CABLE IN CONDUIT	FOOT	465	465
X0322729	MATERIAL TRANSFER DEVICE	TON	52,501	52,501
* X0323014	ELECTRIC CABLE IN CONDUIT, CONOGA-30003	FOOT	840	840
* X0323015	PIEZO ELECTRIC AXLE SENSOR, CLASS II	FOOT	14	14
* X0325412	REMOVE AND REPLACE STEEL PLATE BEAM GUARDRAIL, SPECIAL	FOOT	850	850
X4066540	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "E", N105	TON	12,340	12,340
X4066660	POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0. N105	TON	40,161	40,161
* X6330115	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL, REMOVE AND RELOCATE	EACH	2	2
* X6330200	VERTICAL ADJUSTMENT OF TRAFFIC BARRIER TERMINAL	EACH	3	3
X7015000	CHANGEABLE MESSAGE SIGN	CAL MO	21	21
XX002870	AGGREGATE SHOULDERS, TYPE B (SPECIAL)	SQ YD	17,915	17,915
Z0017202	DOWEL BARS, 1 1/2"	EACH	1,520	1,520
Z0075310	TIE BARS, 3/4"	EACH	30	30
25000350	SEEDING, CLASS 7	ACRE	1.25	1.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	198	198
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	148	148
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	148	148
25000700	AGRICULTURAL GROUND LIMESTONE	TON	2.5	2.5
25001010	SEEDING, CLASS 2 (MODIFIED)	ACRE	1.25	1.25
25100115	MULCH, METHOD 2	ACRE	2.5	2.5
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	247	247
28000300	TEMPORARY DITCH CHECKS	EACH	6	6
28102600	STONE RIPRAP DITCH	TON	880	880
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	32,176	32,176
40600105	BITUMINOUS MATERIALS (PRIME COAT), SPECIAL	GALLON	18,802	18,802
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	10	10
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	2,492	2,492
40600990	TEMPORARY RAMP	SQ YD	339	339
40800040	INCIDENTAL BITUMINOUS SURFACING	TON	469	469
44000006	BITUMINOUS SURFACE REMOVAL 1 1/2"	SQ YD	1,609	1,609
44000011	BITUMINOUS SURFACE REMOVAL 4"	SQ YD	106,898	106,898
44000030	BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	4,814	4,814
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	600	600
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	19	19
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	80	80
44213100	PAVEMENT FABRIC	SQ YD	100	100

* SPECIALTY ITEM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	5
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

* (X1-(4,4-1,5,6,6-2)) R-1

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION CONSTRUCTION TYPE CODE	90% FEDERAL / 10% STATE WILLIAMSON COUNTY		
		UNIT	TOTAL QUANTITY	ROADWAY I 000
44213200	SAW CUTS	FOOT	3,784	3,784
48202000	BITUMINOUS SHOULDERS SUPERPAVE	TON	17,683	17,683
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	938	938
* 63001105	FURNISH AND INSTALL GUARDRAIL BLOCKS	EACH	134	134
* 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	1	1
* 63100089	TRAFFIC BARRIER TERMINAL TYPE 6B	EACH	3	3
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	3	3
63200310	GUARDRAIL REMOVAL	FOOT	739	739
* 63300900	VERTICAL ADJUSTMENT OF GUARD RAIL	FOOT	783	783
63500105	DELINEATORS	EACH	42	42
63500120	DELINEATOR REMOVAL	EACH	40	40
64200105	SHOULDER RUMBLE STRIP	FOOT	80,650	80,650
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8
67100100	MOBILIZATION	L SUM	1	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	2	2
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	50	50
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	3,229	3,229
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,076	1,076
* 72000100	SIGN PANEL - TYPE 1	SQ FT	909	909
* 72900110	METAL POST - TYPE A	EACH	88	88
78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	80,451	80,451
78003135	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6", SPECIAL	FOOT	10,136	10,136
78003140	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"	FOOT	271	271
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	501	501
* 78200420	GUARDRAIL MARKERS, TYPE B	EACH	26	26
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	501	501
* 80300100	LOCATING UNDERGROUND CABLE	FOOT	60	60
* 81000400	CONDUIT IN TRENCH, 1 1/4" DIA., GALVANIZED STEEL	FOOT	72	72
* 81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	60	60
* 81018700	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	63	63
* 81400100	HANDHOLE	EACH	3	3
* 81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	152	152
* 88600100	DETECTOR LOOP, TYPE I	FOOT	175	175
X0325570	CHANGEABLE MESSAGE SIGN, SPECIAL	CAL DA	42	42
X0325571	TRAFFIC CONTROL SUPERVISOR	CAL DA	42	42

* SPECIALTY ITEM

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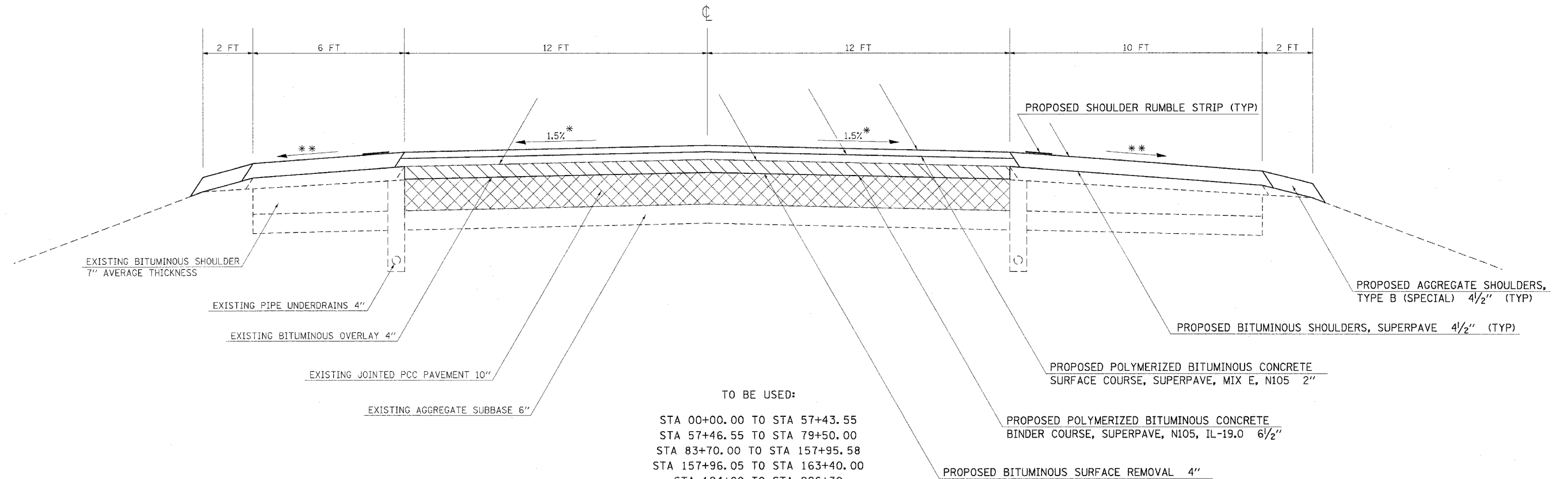
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	6
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* (X1-(4,4-1,5,6,6-2)) R-1

TYPICAL SECTION #1 MILL AND RUBBLIZE

WILLIAMSON COUNTY
NORTHBOUND LANES ONLY
FAI RTE 57
(LOOKING IN DIRECTION OF TRAVEL)



TO BE USED:

- STA 00+00.00 TO STA 57+43.55
- STA 57+46.55 TO STA 79+50.00
- STA 83+70.00 TO STA 157+95.58
- STA 157+96.05 TO STA 163+40.00
- STA 194+00 TO STA 226+30
- STA 231+50 TO STA 253+10
- STA 257+25.00 TO STA 347+00.75
- STA 348+43.15 TO STA 361+50.00
- STA 365+30.00 TO STA 419+74.18
- STA 1461+00 TO STA 1465+00

STATION EQUATIONS

- STA 289+26.45 BK = STA 000+00.00 AH
- STA 57+43.55 BK = STA 57+46.55 AH
- STA 157+95.58 BK = STA 157+96.05 AH
- STA 347+00.75 BK = STA 348+43.15 AH
- STA 419+74.18 BK = STA 1461+00.0 AH

OMISSION:

- STA 168+30 TO STA 192+30



PROPOSED RUBBLIZATION OF PORTLAND CEMENT CONCRETE PAVEMENT (METHOD 1)

NOTES:

- * 1.5% PAVEMENT CROSS SLOPE TO BE ACHIEVED WITH BITUMINOUS BINDER COURSE
- ** MATCH EXISTING SHOULDER SLOPE UP TO 6% MAXIMUM.

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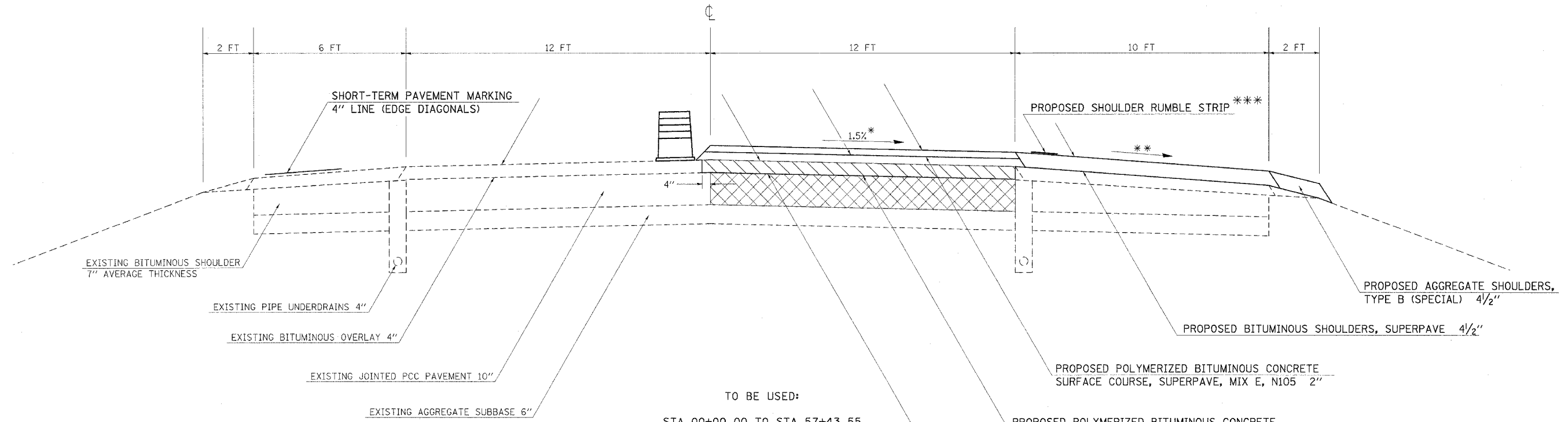
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* EX-1(4,4-1,5,6,6-2) R-1

TYPICAL SECTION #1 A

MILL AND RUBBLIZE DRIVING LANE CONSTRUCTION

WILLIAMSON COUNTY
NORTHBOUND LANES ONLY
FAI RTE 57
(LOOKING IN DIRECTION OF TRAVEL)



TO BE USED:

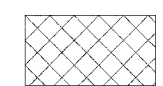
- STA 00+00.00 TO STA 57+43.55
- STA 57+46.55 TO STA 79+50.00
- STA 83+70.00 TO STA 157+95.58
- STA 157+96.05 TO STA 163+40.00
- STA 194+00 TO STA 226+30
- STA 231+50 TO STA 253+10
- STA 257+25.00 TO STA 347+00.75
- STA 348+43.15 TO STA 361+50.00
- STA 365+30.00 TO STA 419+74.18
- STA 1461+00 TO STA 1465+00

STATION EQUATIONS

- STA 289+26.45 BK = STA 000+00.00 AH
- STA 57+43.55 BK = STA 57+46.55 AH
- STA 157+95.58 BK = STA 157+96.05 AH
- STA 347+00.75 BK = STA 348+43.15 AH
- STA 419+74.18 BK = STA 1461+00.0 AH

OMISSION:

- STA 168+30 TO STA 192+30



PROPOSED RUBBLIZATION OF PORTLAND CEMENT CONCRETE PAVEMENT (METHOD 1)

NOTES:

- * 1.5% PAVEMENT CROSS SLOPE TO BE ACHIEVED WITH BITUMINOUS BINDER COURSE
- ** MATCH EXISTING SHOULDER SLOPE UP TO 6% MAXIMUM.
- *** SHOULDER RUMBLE STRIP SHALL NOT BE INSTALLED UNTIL CONSTRUCTION OF THE PASSING LANE HAS BEEN COMPLETED.

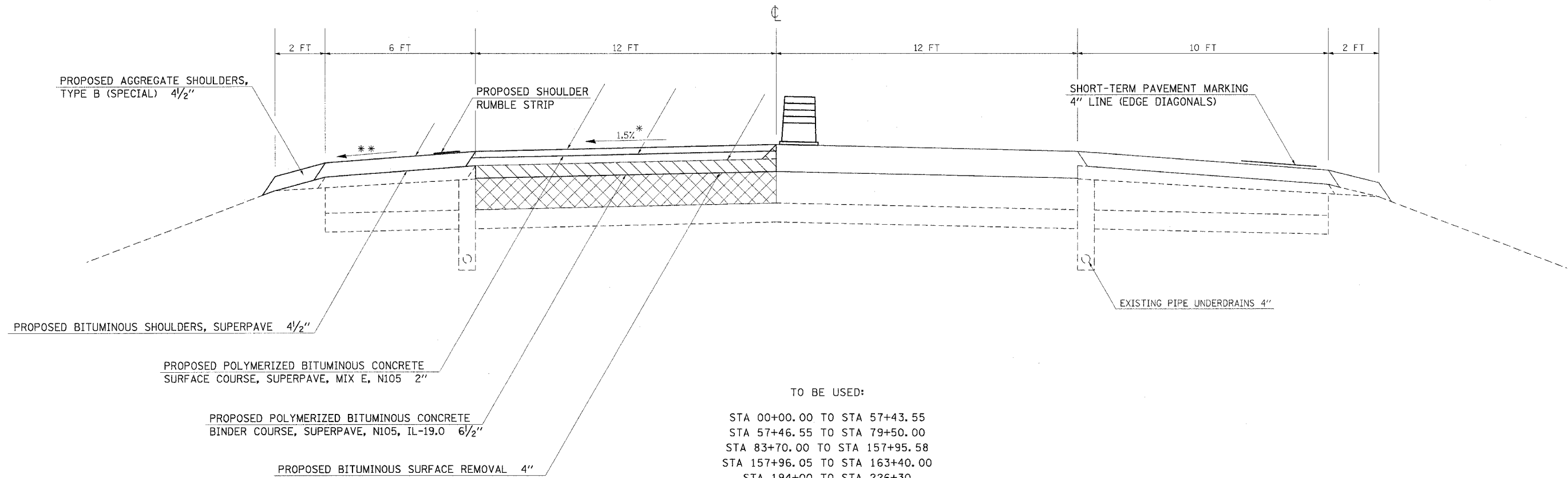
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	8
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* EX1-(4,4-1,5,6,6-2) R-1

TYPICAL SECTION #1 B MILL AND RUBBLIZE PASSING LANE CONSTRUCTION

WILLIAMSON COUNTY
NORTHBOUND LANES ONLY
FAI RTE 57
(LOOKING IN DIRECTION OF TRAVEL)



TO BE USED:

- STA 00+00.00 TO STA 57+43.55
- STA 57+46.55 TO STA 79+50.00
- STA 83+70.00 TO STA 157+95.58
- STA 157+96.05 TO STA 163+40.00
- STA 194+00 TO STA 226+30
- STA 231+50 TO STA 253+10
- STA 257+25.00 TO STA 347+00.75
- STA 348+43.15 TO STA 361+50.00
- STA 365+30.00 TO STA 419+74.18
- STA 1461+00 TO STA 1465+00

STATION EQUATIONS

- STA 289+26.45 BK = STA 000+00.00 AH
- STA 57+43.55 BK = STA 57+46.55 AH
- STA 157+95.58 BK = STA 157+96.05 AH
- STA 347+00.75 BK = STA 348+43.15 AH
- STA 419+74.18 BK = STA 1461+00.0 AH

OMISSION:

- STA 168+30 TO STA 192+30



PROPOSED RUBBLIZATION OF PORTLAND CEMENT CONCRETE PAVEMENT (METHOD 1)

NOTES:

- * 1.5% PAVEMENT CROSS SLOPE TO BE ACHIEVED WITH BITUMINOUS BINDER COURSE
- ** MATCH EXISTING SHOULDER SLOPE UP TO 6% MAXIMUM.

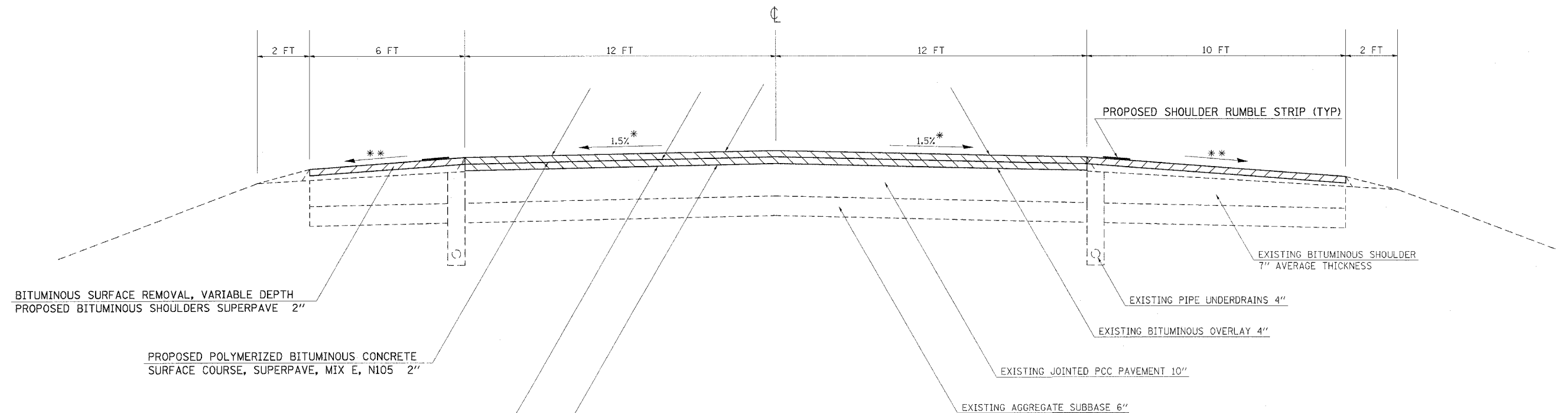
PLOT DATE = 8/22/2006
 PLOT SCALE = 1/4" = 10'-0"
 USER NAME = thomahf

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* EX-1(4,4-1,5,6,6-2) R-1

TYPICAL SECTION #2 INLAY UNDER OVERPASSES

WILLIAMSON COUNTY
NORTHBOUND LANES ONLY
FAI RTE 57
(LOOKING IN DIRECTION OF TRAVEL)



BITUMINOUS SURFACE REMOVAL, VARIABLE DEPTH
PROPOSED BITUMINOUS SHOULDERS SUPERPAVE 2"

PROPOSED POLYMERIZED BITUMINOUS CONCRETE
SURFACE COURSE, SUPERPAVE, MIX E, N105 2"

PROPOSED POLYMERIZED BITUMINOUS CONCRETE
BINDER COURSE, SUPERPAVE, N105, IL-19.0 2"

PROPOSED BITUMINOUS SURFACE REMOVAL 4"

TO BE USED:

- STA 81+50 TO STA 81+90
- STA 165+60 TO STA 167+30
- STA 254+90 TO STA 255+25
- STA 363+40 TO STA 363+80

OMISSION:

- STA 168+30 TO STA 192+30

NOTES:

- * 1.5% PAVEMENT CROSS SLOPE TO BE ACHIEVED WITH BITUMINOUS BINDER COURSE
- ** MATCH EXISTING SHOULDER SLOPE UP TO 6% MAXIMUM.

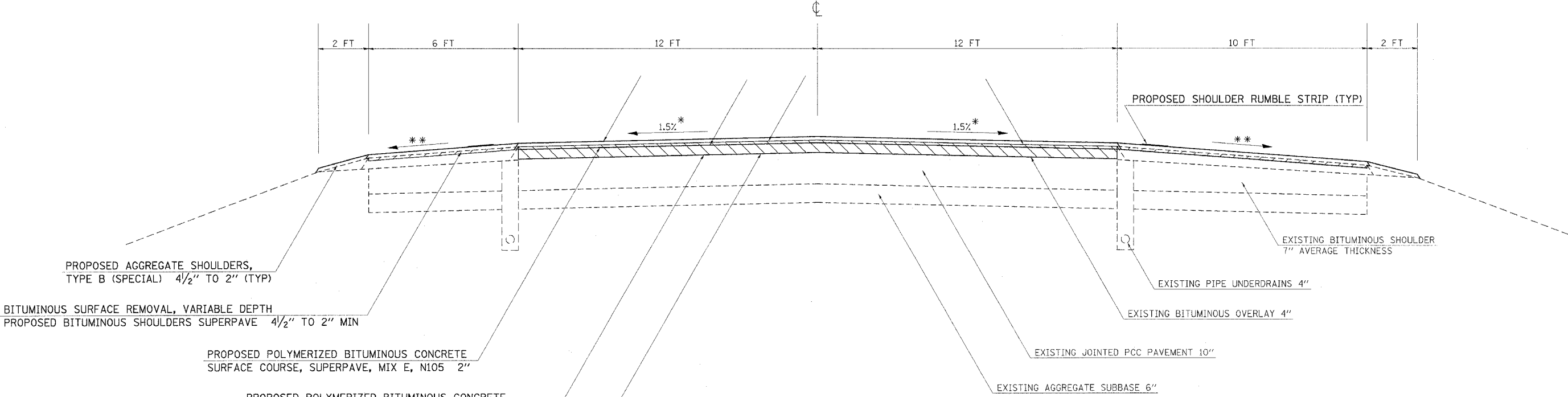
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 USER NAME = thomashf

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* [X1-(4,4-1,5,6,6-2)] R-1

TYPICAL SECTION #3 TRANSITION TO INLAY AND STRUCTURES

WILLIAMSON COUNTY
NORTHBOUND LANES ONLY
FAI RTE 57
(LOOKING IN DIRECTION OF TRAVEL)



PROPOSED AGGREGATE SHOULDERS,
TYPE B (SPECIAL) 4 1/2" TO 2" (TYP)

BITUMINOUS SURFACE REMOVAL, VARIABLE DEPTH
PROPOSED BITUMINOUS SHOULDERS SUPERPAVE 4 1/2" TO 2" MIN

PROPOSED POLYMERIZED BITUMINOUS CONCRETE
SURFACE COURSE, SUPERPAVE, MIX E, N105 2"

PROPOSED POLYMERIZED BITUMINOUS CONCRETE
BINDER COURSE, SUPERPAVE, N105, IL-19.0 2" TO 6 1/2"

PROPOSED BITUMINOUS SURFACE REMOVAL 4"

PROPOSED SHOULDER RUMBLE STRIP (TYP)

EXISTING BITUMINOUS SHOULDER
7" AVERAGE THICKNESS

EXISTING PIPE UNDERDRAINS 4"

EXISTING BITUMINOUS OVERLAY 4"

EXISTING JOINTED PCC PAVEMENT 10"

EXISTING AGGREGATE SUBBASE 6"

TO BE USED:

- STA 79+50 TO STA 81+50 AND STA 81+90 TO STA 83+70
- STA 163+40 TO STA 165+60
- STA 226+30 TO STA 231+50
- STA 253+10 TO STA 254+90 AND STA 255+25 TO STA 257+25
- STA 361+50 TO STA 363+40 AND STA 363+80 TO STA 365+30

OMISSIONS:

- STA 228+16.5 TO STA 229+15.0

NOTES:

- * 1.5% PAVEMENT CROSS SLOPE TO BE ACHIEVED WITH BITUMINOUS BINDER COURSE
- ** MATCH EXISTING SHOULDER SLOPE UP TO 6% MAXIMUM.

PLOT DATE = 8/22/2006
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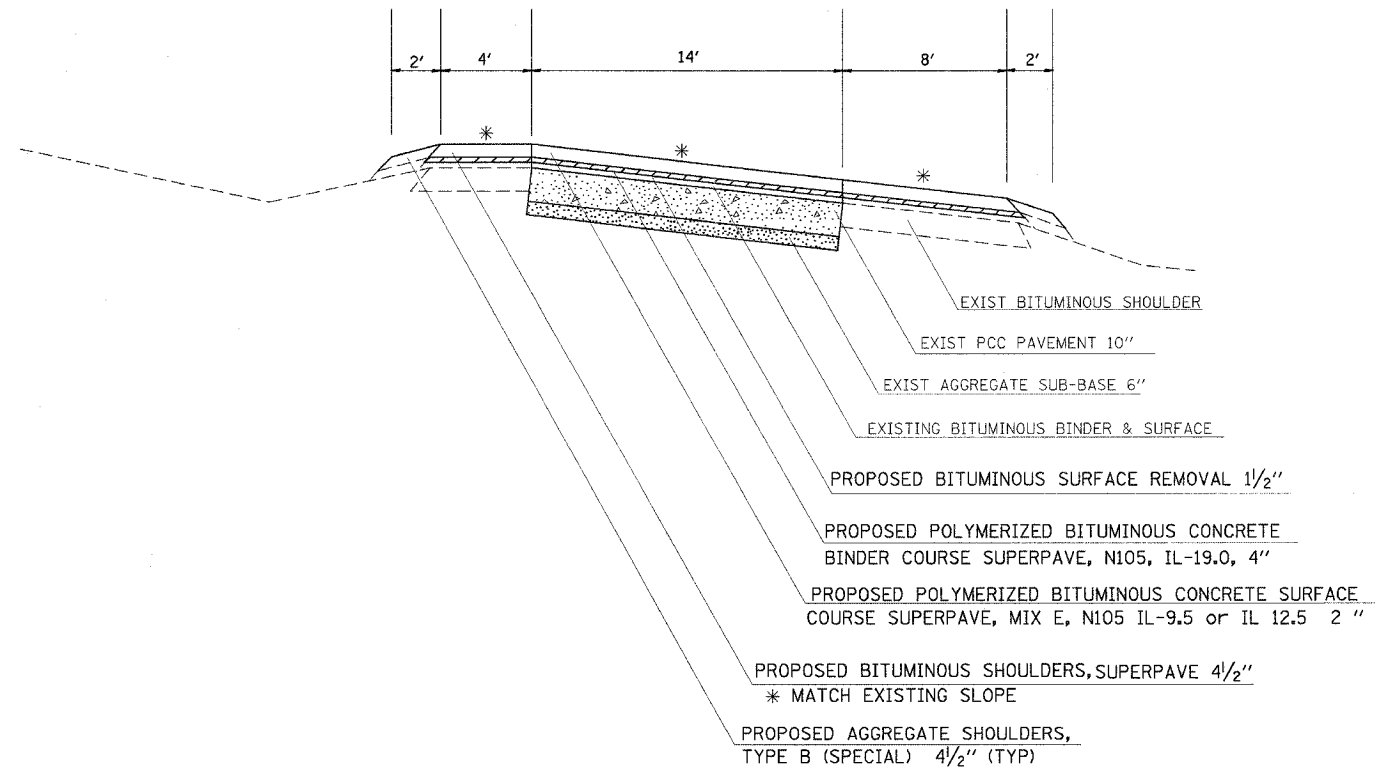
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	11
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* EX1-(4,4-1,5,6,6-2) R-1

TYPICAL SECTION #4 JOHNSTON CITY ENTRANCE RAMP

WILLIAMSON COUNTY
NORTHBOUND LANES ONLY
FAI RTE 57
(LOOKING IN DIRECTION OF TRAVEL)

JOHNSTON CITY ENTRANCE RAMP



TO BE USED:

STA 149+64 TO STA 158+50 ENTRANCE RAMP FROM JOHNSTON CITY

LEGEND

- PCC PAVEMENT
- AGGREGATE SUB-BASE
- BITUMINOUS SURFACE REMOVAL 1 1/2"

PLOT DATE = 8/22/2006
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 FILE SCALE = 603001001.ctb
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	12
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		

* CX1-(4,4-1,5,6,6-2) R-1

RESURFACING AND SHOULDER SCHEDULE

LOCATION STATION TO STATION	BITUMINOUS SURFACE REMOVAL 1 1/2"	BITUMINOUS SURFACE REMOVAL 4"	BIT SURFACE REMOVAL VAR DEPTH	BIT SURFACE REMOVAL BUTT JOINT	RUBBLIZE PCC PAVEMENT	POLYMERIZED BIT CONCRETE BINDER COURSE	POLYMERIZED BIT CONCRETE SURFACE COURSE	BITUMINOUS MATERIALS PRIME COAT, SPECIAL	BITUMINOUS MATERIALS PRIME COAT	SHOULDERS		SHOULDER RUMBLE STRIP	TEMPORARY RAMP
										AGGREGATE TYPE B, SPL	BITUMINOUS (SUPERPAVE)		
	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TONS	TONS	GAL	GAL	SQ YD	TONS	FOOT	SQ YD
NORTHBOUND													
287+46.45 TO 289+26.45				356		16	54	83		80	63	360	
289+26.45 TO 0+00													
0+00 TO 57+43.55		15529			15316	5826	1728	2553	4901	2553	2573	11487	
57+43.55 TO 57+46.55													
57+46.55 TO 79+50		5957			5876	2235	663	979	1880	980	987	4407	
79+50 TO 81+50		533	356			139	60	123		89	70	400	
81+50 TO 81+90		108	71			12	12	20			8	80	
81+90 TO 83+70		480	320			125	54	110		80	63	360	
83+70 TO 157+95.58		20077			19802	7532	2234	3300	6337	3301	3327	14851	
157+95.58 TO 157+96.05													
157+96.05 TO 163+40		1471	400	178	1451	567	208	242	464	242	244	1088	
163+40 TO 165+60		587	391			153	66	135		98	77	440	
165+60 TO 167+30		460	302			52	51	86			34	340	
167+30 TO 168+30			356	89		53	42	54		45	32	200	
168+30 TO 192+30													
192+30 TO 194+00			356	356	213	168	51	87		76	76	340	
194+00 TO 226+30		8733			8613	3276	972	1436	2756	1436	1447	6460	
226+30 TO 228+16.5		497	332			129	56	114		83	65	373	
228+16.5 TO 229+15			101									23	
229+15 TO 231+50		635	418			448	115	529		105		470	
231+50 TO 253+10		5840			5760	2191	650	960	1843	960	968	4320	
253+10 TO 254+90		480	320			125	54	110		80	63	360	
254+90 TO 255+25		95	62			11	11	18			7	70	
255+25 TO 257+25		533	356			139	60	123		89	70	400	
257+25 TO 347+00.75		24268			23935	9105	2700	3989	7659	3990	4022	17952	
347+00.75 TO 348+43.15													
348+43.15 TO 361+50		3533			3485	1326	393	581	1115	581	586	2614	
361+50 TO 363+40		507	338			132	57	117		85	66	380	
363+40 TO 363+80		108	71			12	12	20			8	80	
363+80 TO 365+30		400	267			104	45	92		67	52	300	
365+30 TO 419+74.18		14719			14518	5522	1638	2420	4646	2420	2439	10888	
419+74.18 TO 1461+00													
1461+00 TO 1465+00		1081			1067	406	120	178	341	178	179	800	
1465+00 TO 1466+80				356		16	54	83		80	63	360	31
JOHNSTON CITY ENTRANCE RAMP													
149+64.0 TO 155+79.0	1187					266	133	154					
155+79.0 TO 157+60.0	282					63	32	72		26	69		
157+60.0 TO 158+50.0	140					13	16	34		40	25		29
TOTALS	1,609	106,631	4,817	1,335	100,036	40,162	12,341	18,802	31,942	17,764	17,706	80,180	60

PLOT DATE = 6/19/2006
 FILE NAME = C:\pwork\98948\98948sch.vc2
 USER NAME = ahpardgd

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	13
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		
* CX1-(4,4-1,5,6,6-2) R-1				

TRAFFIC BARRIER SCHEDULE

LOCATION STATION TO STATION	GUARDRAIL REMOVAL FOOT	SPBGR TYPE A FOOT	VERT ADJ OF GR FOOT	REMOVE & REPLACE SPBGR, SPECIAL FOOT	TRAFFIC BARRIER TERMINAL					FURN & INSTALL GR BLOCKS EACH	GUARDRAIL MARKERS		TERMINAL MARKERS DIRECT APPLIED EACH	REMARKS
					TY 1, SPL (TAN) EACH	TY 1, REM & REL EACH	TYPE 5 EACH	TYPE 6B EACH	VERT ADJ EACH		AMBER EACH	SILVER EACH		
NORTHBOUND														
LT 25+16.00 TO 25+28.50			12.5											TERMINAL ADJUSTMENT
LT 25+28.50 TO 33+78.50				850.0								11		DAMAGED RAIL
LT 33+78.50 TO 34+28.50									1					TERMINAL ADJUSTMENT
LT 80+32.00 TO 80+44.50			12.5											TERMINAL ADJUSTMENT
LT 80+44.50 TO 82+06.25	161.8	100.0					1	1				2		DAMAGED RAIL / TERMINAL UPDATE
LT 82+06.25 TO 84+56.25	248.0	250.0										4		DAMAGED RAIL
LT 84+56.25 TO 85+06.25						1								RELOCATE TERMINAL
LT 166+25.00 TO 168+75.00		250.0										4		EXTEND SPBGR
LT 168+75.00 TO 169+25.00						1								RELOCATE TERMINAL
RT 182+22.00 TO 182+72.00	50.0				1								1	DAMAGED TERMINAL
LT 229+31.00 TO 232+15.00			284.0							50				VERTICAL ADJUSTMENT
LT 232+15.00 TO 232+65.00	50.0				1								1	DAMAGED TERMINAL
RT 229+07.00 TO 232+44.50	138.0	337.5									5			EXTEND SPBGR
RT 232+44.50 TO 232+94.50					1								1	TERMINAL UPDATE
LT 254+98.00 TO 255+44.25	46.3							1						TERMINAL UPDATE
LT 255+44.25 TO 258+26.00			232.0						1	41			1	VERTICAL ADJUSTMENT
LT 363+26.50 TO 363+71.25	44.8							1						TERMINAL UPDATE
LT 363+71.25 TO 366+62.50			242.0						1	43				VERTICAL ADJUSTMENT
PROJECT TOTALS:	739	938	783	850	3	2	1	3	3	134	5	21	4	
											26			

PLOT DATE = 8/18/2006
 FILE NAME = S:\projects\98948\98948.dwg
 USER NAME = shepardg

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	14
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS	FED. AID PROJECT	

* (X1-(4,4-1,5,6,6-2)) R-1

PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	PREFORMED LINE 6" SKIP DASH WHITE FOOT	PREFORMED PAVEMENT MARKING			SHORT TERM PAVEMENT MARKING EDGELINE DIAGONALS FOOT	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL EACH	RAISED REFLECTIVE PAVEMENT MARKERS EACH	WORK ZONE PAVEMENT MARKING REMOVAL SQ FT
		LINE 4"		LINE 8"				
		SOLID WHITE FOOT	SOLID YELLOW FOOT	SOLID WHITE FOOT				
NORTHBOUND								
287+46.45 TO 289+26.45	45	180	180		14	2	2	5
289+26.45 TO 0+00								
0+00 TO 57+43.55	1436	5744	5744		459	72	72	153
57+43.55 TO 57+46.55								
57+46.55 TO 79+50	551	2203	2203		176	28	28	59
79+50 TO 83+70	105	420	420		34	5	5	11
83+70 TO 157+95.58	1856	7426	7426		594	93	93	198
157+95.58 TO 157+96.05								
157+96.05 TO 163+40	136	544	544		44	7	7	15
163+40 TO 168+30	123	490	490		39	6	6	13
168+30 TO 192+30								
192+30 TO 226+30	850	3400	3400		272	43	43	91
226+30 TO 228+17	47	187	187		15	2	2	5
228+16.5 TO 229+15								
229+15 TO 231+50	59	235	235		19	3	3	6
231+50 TO 253+10	540	2160	2160		173	27	27	58
253+10 TO 257+25	104	415	415		33	5	5	11
257+25 TO 347+00.75	2244	8976	8976		718	112	112	239
347+00.75 TO 348+43.15								
348+43.15 TO 361+50	327	1307	1307		105	16	16	35
361+50 TO 365+30	95	380	380		30	5	5	10
365+30 TO 419+74.18	1361	5444	5444		436	68	68	145
419+74.18 TO 1461+00								
1461+00 TO 1465+00	100	400	400		32	5	5	11
1465+00 TO 1466+80	45	180	180		14	2	2	5
JOHNSTON CITY ENTRANCE RAMP								
151+25.0 TO 155+79.0	114							
155+79.0 TO 158+50.0		271		271	22			7
TOTALS	10,138	40,362	40,091	271	3,229	501	501	1,077
		80,453						

PLOT DATE = 8/13/2006
 FILE NAME = c:\projects\98948\98948.dwg
 USER = shepardg

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	15
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		

* EX1-(4,4-1,5,6,6-2) R-1

SEEDING AND EROSION CONTROL SCHEDULE

LOCATION STATION TO STATION	SEEDING CLASS 2 (MODIFIED)	SEEDING CLASS 7 (TEMPORARY)	NITROGEN FERTILIZER NUTRIENTS		PHOSPHORUS FERTILIZER NUTRIENTS	POTASSIUM FERTILIZER NUTRIENTS	AGRICULTURAL GROUND LIMESTONE	MULCH METHOD 2 FOR CLASS 2	MULCH METHOD 2 FOR CLASS 7	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS
	ACRE	ACRE	CLASS 2 POUND	CLASS 7 POUND	POUND	POUND	TON	ACRE	ACRE	POUND	EACH
NORTHBOUND											
67+72 TO 70+11	0.19	0.19	22.6	7.5	22.6	22.6	0.4	0.19	0.19	37.7	1
192+00 TO 194+05	0.16	0.16	19.8	6.6	19.8	19.8	0.3	0.16	0.16	33.0	1
235+26 TO 238+40	0.24	0.24	28.8	9.6	28.8	28.8	0.5	0.24	0.24	48.0	1
325+37 TO 328+08	0.21	0.21	25.2	8.4	25.2	25.2	0.4	0.21	0.21	42.1	1
389+18 TO 393+33	0.31	0.31	37.1	12.4	37.1	37.1	0.6	0.31	0.31	61.9	1
407+09 TO 408+49	0.12	0.12	14.4	4.8	14.4	14.4	0.2	0.12	0.12	24.0	1
TOTALS	1.25	1.25	148	50	148	148	2.5	1.25	1.25	247	6
			198					2.50			

NOTES:
SEEDING QUANTITIES ARE CALCULATED FOR 15' AROUND THE PERIMETER FOR ALL PAVED DITCH REMOVALS.
THE ACTUAL LOCATIONS SHALL BE AS DIRECTED BY THE ENGINEER.

STONE RIPRAP DITCH

LOCATION STATION TO STATION	LENGTH OF STONE RIPRAP DITCH (SEE NOTE)	STONE RIPRAP DITCH
	FOOT	TON
NORTHBOUND		
67+72 TO 70+11	239	133
192+00 TO 194+05	205	114
235+26 TO 238+40	314	174
325+37 TO 328+08	271	151
389+18 TO 393+33	415	231
407+09 TO 408+49	140	78
TOTAL		880

NOTE: NOT A PAY ITEM - FOR INFORMATION ONLY

MEDIAN CROSSOVER SCHEDULE

LOCATION STATION	INCIDENTAL BITUMINOUS SURFACING	BITUMINOUS MATERIALS PRIME COAT	AGGREGATE SHOULDERS TYPE B, SPL	TEMPORARY RAMP	BIT SURFACE REMOVAL BUTT JOINT
	TON	GAL	SQ YD	SQ YD	SQ YD
7+90	56	27	30	30	132
135+75	103	51	30	62	255
196+34	105	52	30	65	264
305+91	103	51	30	62	252
409+20	102	51	30	61	255
TOTALS	469	232	150	280	1,158

PLOT DATE = 8/10/2006
 FILE NAME = S:\Projects\98948\98948.dwg
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = shepardg

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	16
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

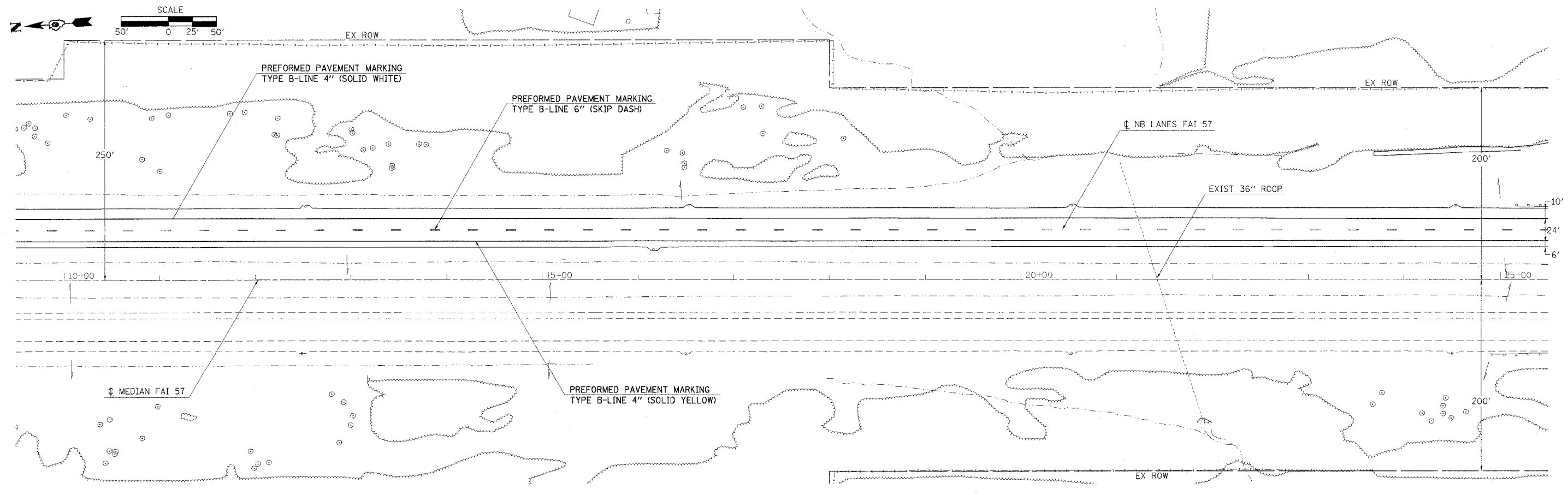
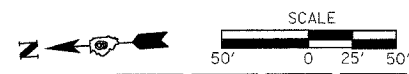
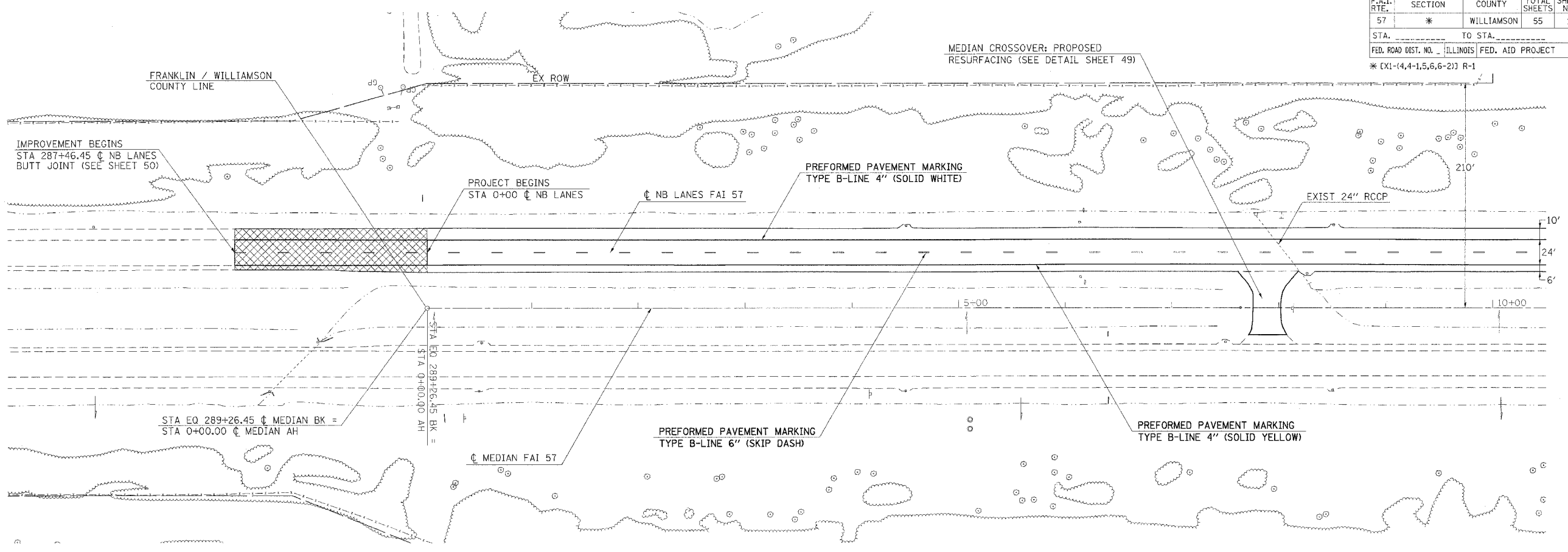
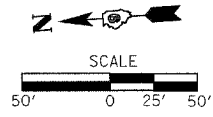
* [X1-(4,4-1,5,6,6-2)] R-1

BENCHMARKS

BENCHMARK	ELEVATION	DESCRIPTION
BM 39	439.21	CUT SQUARE ON SW CORNER OF DROP INLET AT STATION 26+09 AT 16.7' RIGHT OF MEDIAN CENTERLINE AND 33' LEFT OF CENTERLINE OF SBL I-57
BM 40	409.29	CUT SQUARE ON THE NE CORNER OF DROP INLET AT STATION 64+99 AT 13.5' RIGHT OF MEDIAN CENTERLINE AND 36' LEFT OF CENTERLINE OF SBL I-57
BM 41	409.85	CUT SQUARE ON THE CENTER OF HEADWALL OF A. R. C. FROM UNDER I-57 SBL AT SW QUADRANT OF SN 100-0053, 50' SOUTH OF WEST PIER STATION 82+99 AT 87.4' RIGHT
BM 85	415.48	TOP OF GUARDRAIL POST, UNDER DEDICATION PLATE OF EAST PIER OF SN 100-0053
BM 42	416.11	TOP OF BOLT HEAD, CENTER OF CULVERT TOP, IN MEDIAN, ARC FROM UNDER SBL I-57 AT STATION 106+74 AT 24.2' RIGHT OF MEDIAN CENTERLINE AND 25' LEFT OF CENTERLINE OF SBL I-57
BM 43	401.24	CUT SQUARE ON EAST FOUNDATION OF SIGN FOR "EXIT 59" HERRIN JOHNSTON CITY, WEST OF I-57 SBL AND NORTH OF INTERCHANGE 35' WEST OF I-57 SBL AT STATION 149+51.5 AT 100' RIGHT
BM 44	396.97	CUT SQUARE ON AND IN THE CENTER OF WEST HEADWALL OF BOX CULVERT FROM UNDER I-57 SBL 30' WEST OF CENTERLINE OF I-57 SBL, NORTH OF OVERHEAD SOUTH OF SBL OFF RAMP AT STATION 162+66 AND 96' RIGHT
BM 124	423.69	CUT SQUARE IN HUBGUARD, SW CORNER OF SN 100-0040, I-57 OVERPASS
BM 45	402.48	CUT SQUARE IN NE WINGWALL TOP OF NEWLY CONSTRUCTED SOUTH BOUND BRIDGE, SOUTH OF JOHNSTON CITY OVERHEAD
BM 46	409.56	CUT SQUARE ON THE SE CORNER OF DROP INLET IN WEST DITCH OF MEDIAN AND 40' SOUTH OF TURN AROUND, 25' LEFT OF CENTERLINE OF I-57 AT THE BOTTOM OF HILL SOUTH AT STATION 197+00 AND 17' RIGHT
BM 82A	420.76	CHISELED SQUARE ON DROP INLET AT STATION 220+00 AND 20' RIGHT OF CENTERLINE OF MEDIAN IN THE SE CORNER OF INLET IN WEST MEDIAN DITCH
BM 82	410.99	CUT SQUARE IN SW WINGWALL OF SN 100-0010
BM 82B	421.98	CHISELED "X" ON BOLT OF EAST SIGN POST AT STATION 253+68 AND 105' RIGHT OF CENTERLINE OF MEDIAN
BM 47	435.74	CUT SQUARE ON NE CORNER OF DROP INLET IN WEST MEDIAN DITCH, 25' LEFT OF CENTERLINE SBL I-57 AT STATION 272+97 AND 17' RIGHT OF CENTERLINE OF MEDIAN
BM 48	454.71	CUT SQUARE ON NE CORNER OF DROP INLET IN WEST MEDIAN DITCH AT 25' LEFT OF CENTERLINE OF SOUTHBOUND I-57 AT STATION 294+27 AND 17' RIGHT OF CENTERLINE OF MEDIAN.
BM 49	472.77	CUT SQUARE ON SE CORNER OF DROP INLET IN WEST MEDIAN DITCH 27' LEFT OF I-57 SBL AT STATION 333+29 AND 16.6' RIGHT OF CENTERLINE OF MEDIAN
BM 81	494.56	CUT SQUARE IN CENTER OF SOUTH HEADWALL OF PIPE FROM UNDER BRIDGE SLOPEWALL SN 100-0054 ON THE SW QUADRANT OF STRUCTURE
BM 50	502.82	CUT SQUARE IN EAST FOUNDATION OF SIGN LEG OF SIGN FOR JOHN A LOGAN / SOUTH EASTERN COLLEGE AND SIGN IS AT POWER LINES CROSSING I-57, 35' WEST OF I-57 SBL AT STATION 392+58.70 AND 101.4' RIGHT OF CENTERLINE OF MEDIAN
BM 19	480.41	CUT SQUARE IN SIGN BASE (FOUNDATION) EAST LEG AND SW OF POST IN CONCRETE TO SIGN READING EXIT 54B SBL, 3000' NORTH OF NEW ROUTE 13

PLOT DATE = 8/18/2006
 FILE NAME = c:\p\proj\98948\98948.dwg
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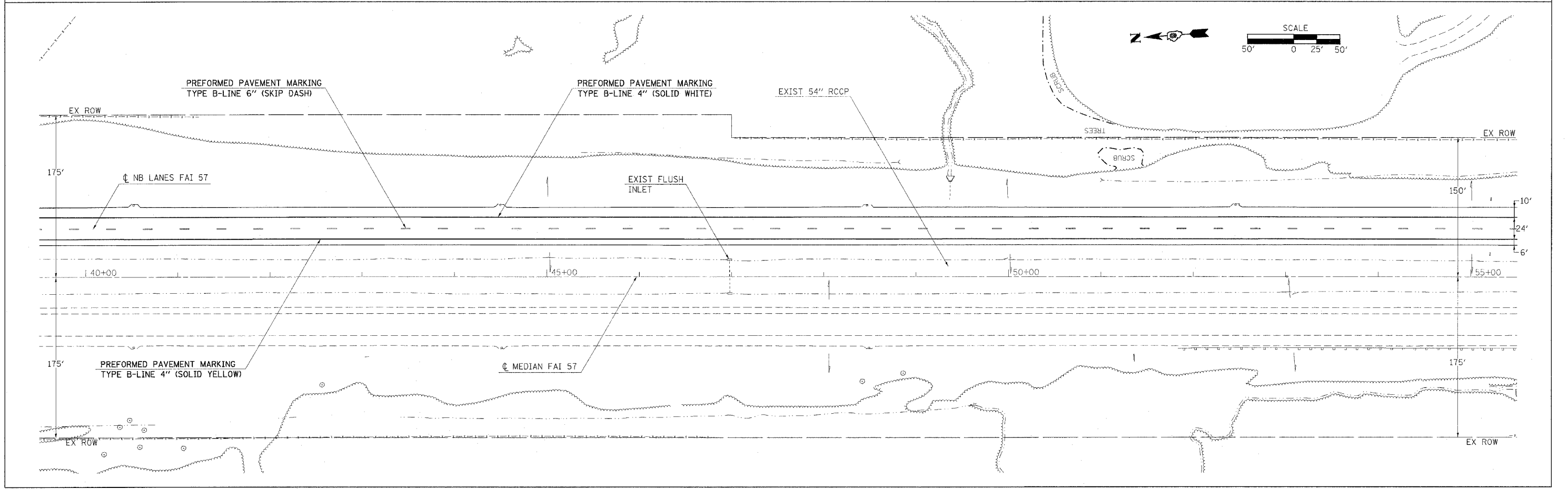
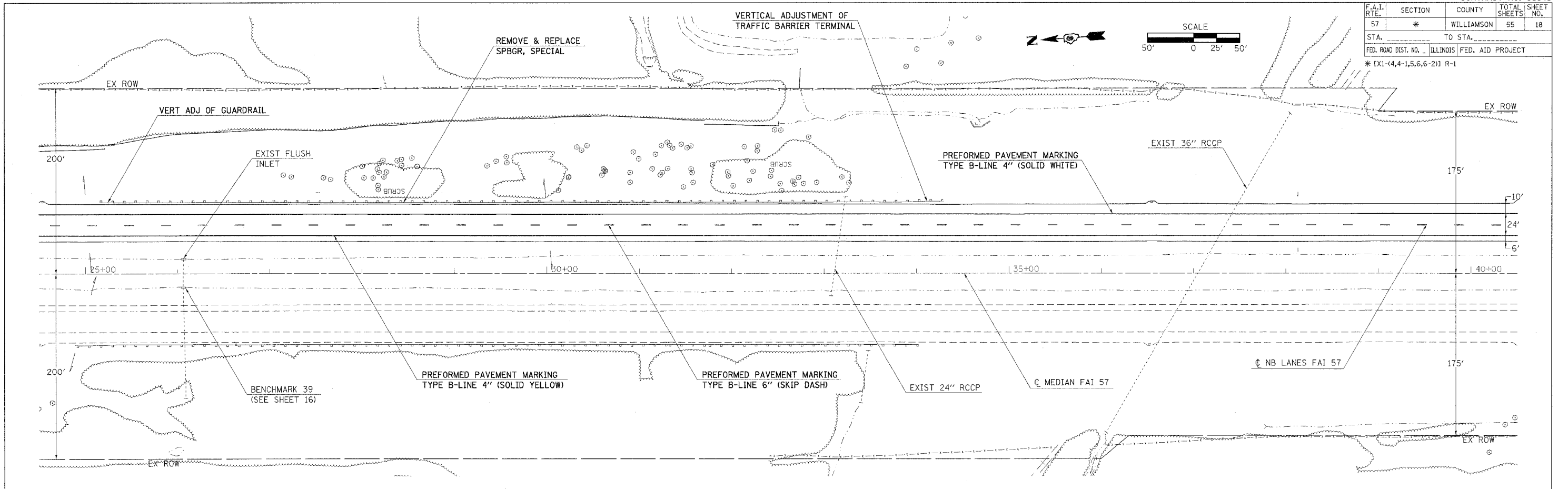
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	17
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		
* EX-1(4,4-1,5,6,6-2) R-1				



PLOT DATE = 8/23/2006
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	18
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				

* EX(1-4,4-1,5,6,6-2) R-1

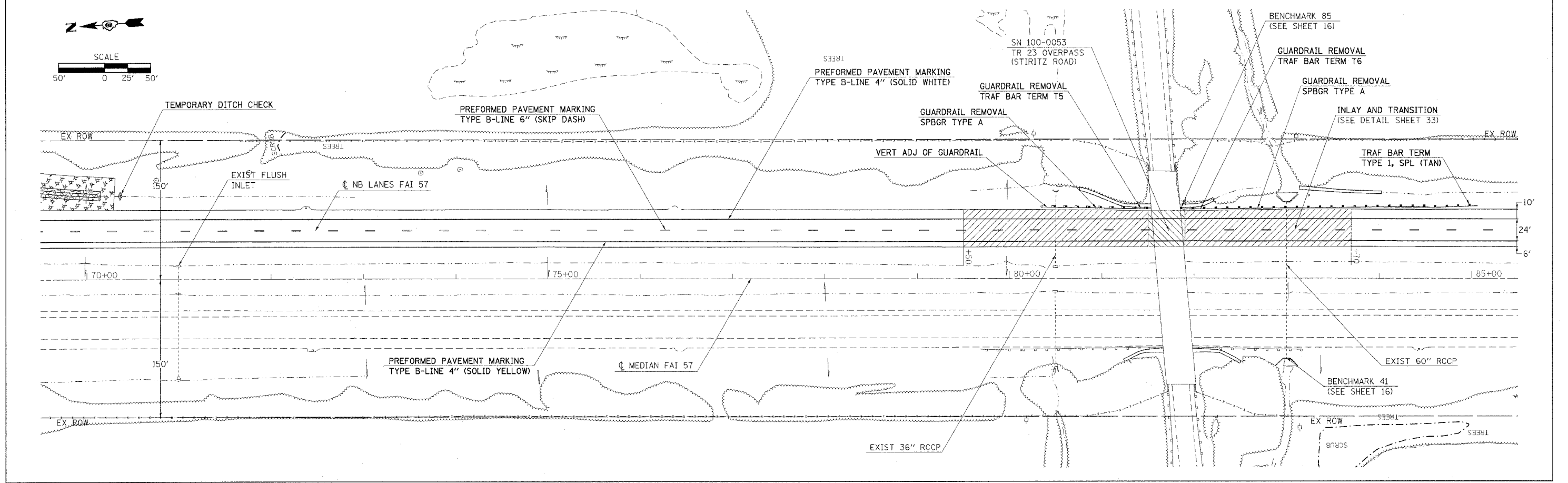
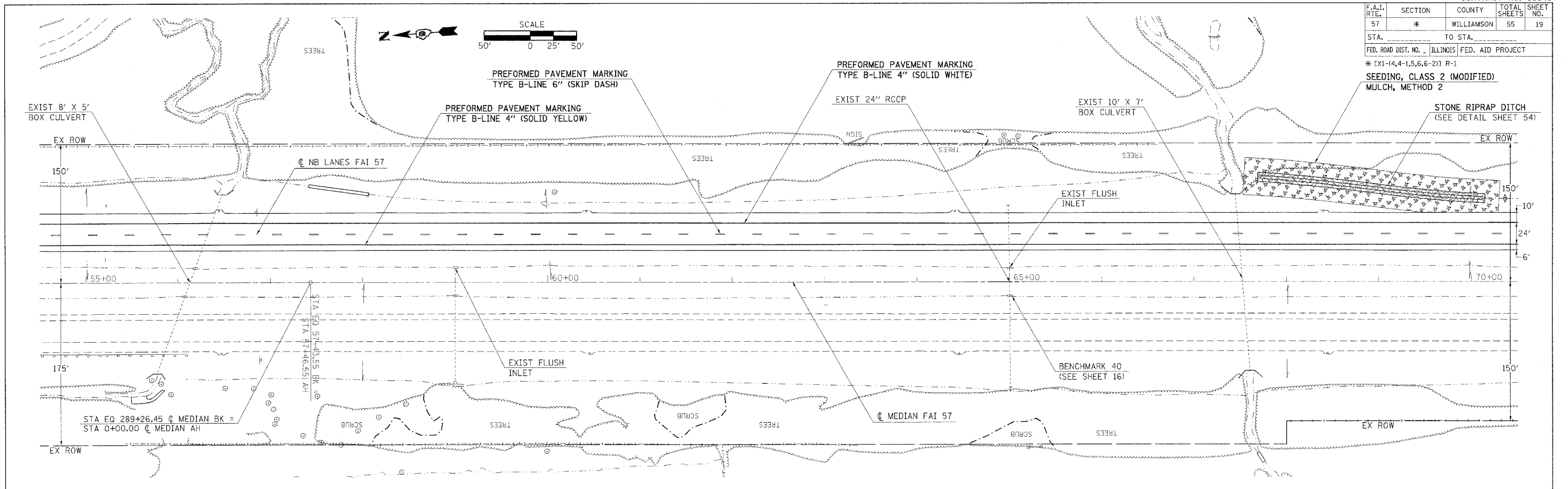


PLOT DATE = 8/19/2006
 PLOT SCALE = 1\"/>

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	19

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

* (X1-(4,4-1,5,6,6-2)) R-1
 SEEDING, CLASS 2 (MODIFIED)
 MULCH, METHOD 2

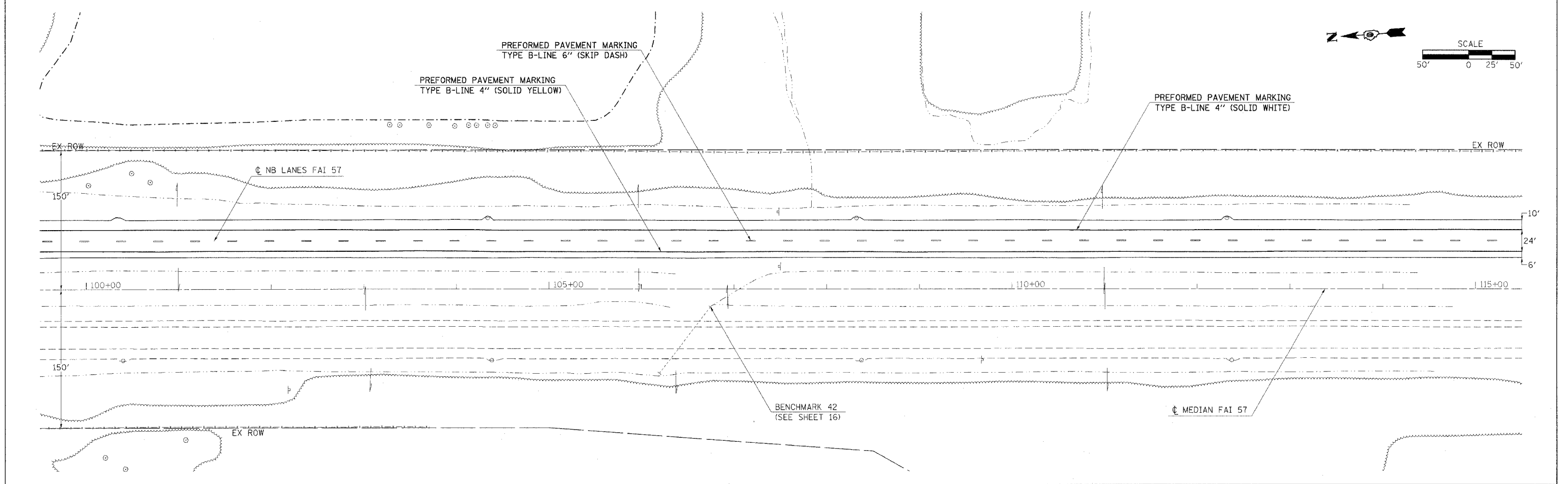
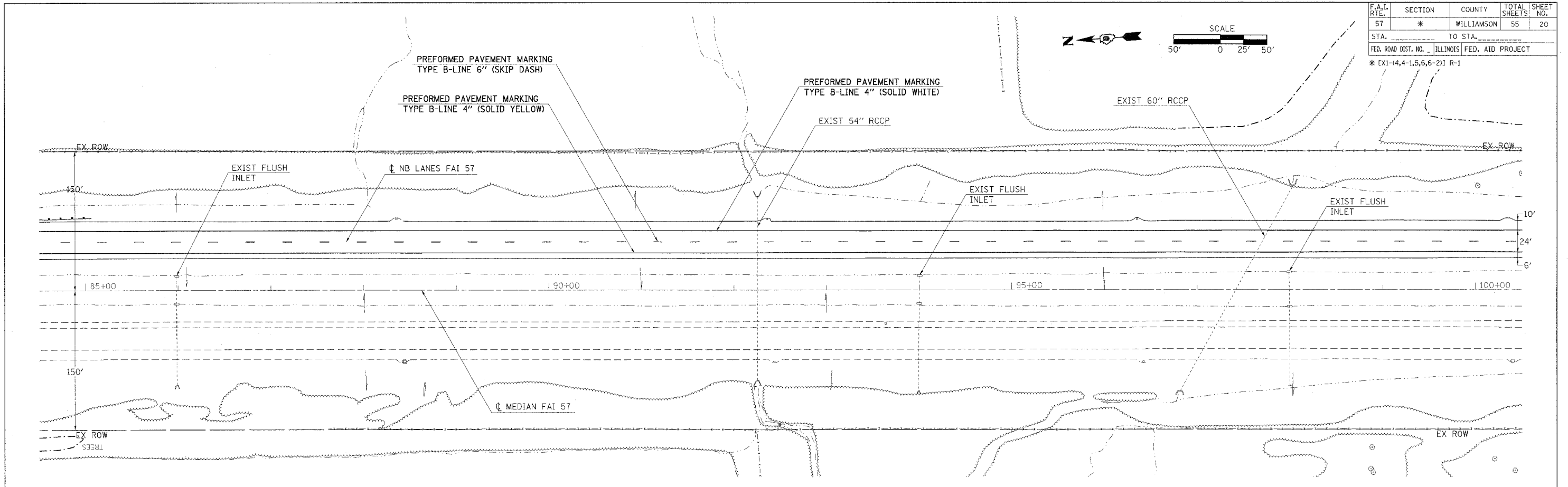
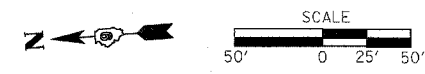


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 USER NAME = shp

ROADWAY PLAN - STA 55+00 TO 85+00

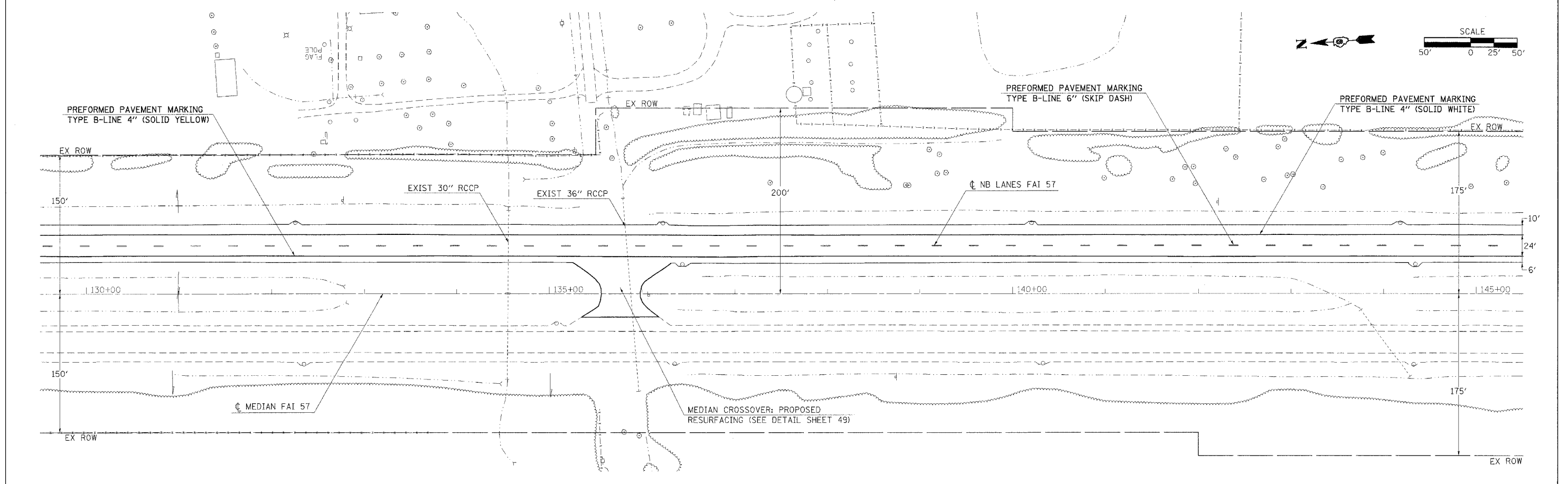
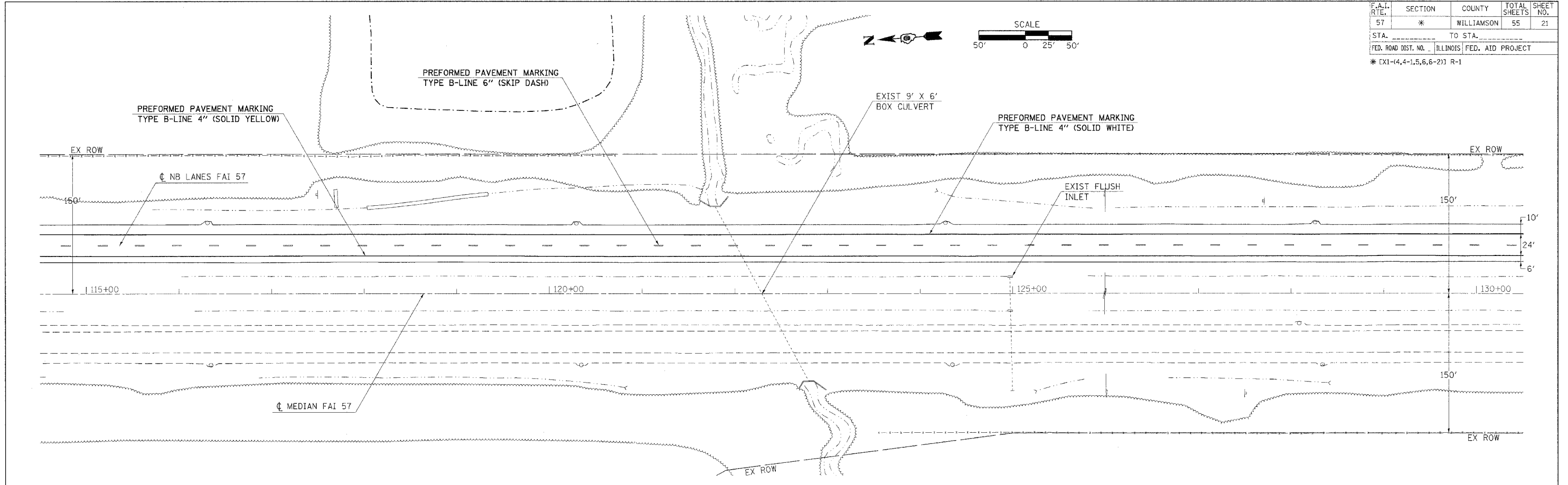
F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	20
STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT		

* EX1-(4,4-1,5,6,6-2) R-1



PLOT DATE = 8/19/2006
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F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	21
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
* EX1-(4,4-1.5,6,6-2) R-1				



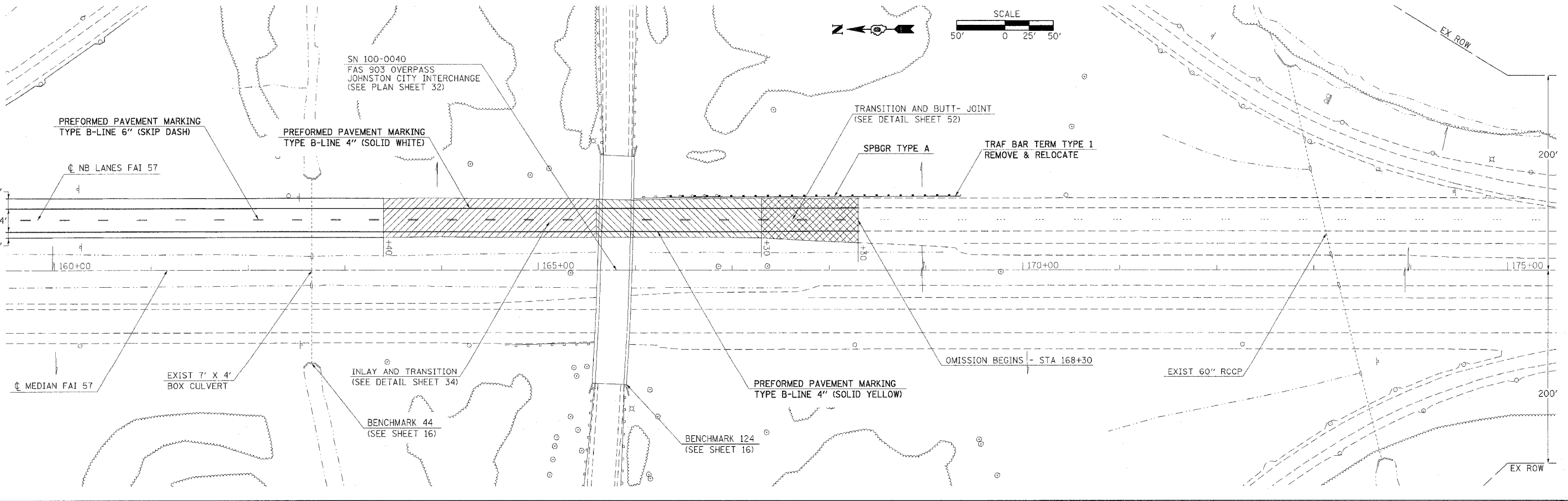
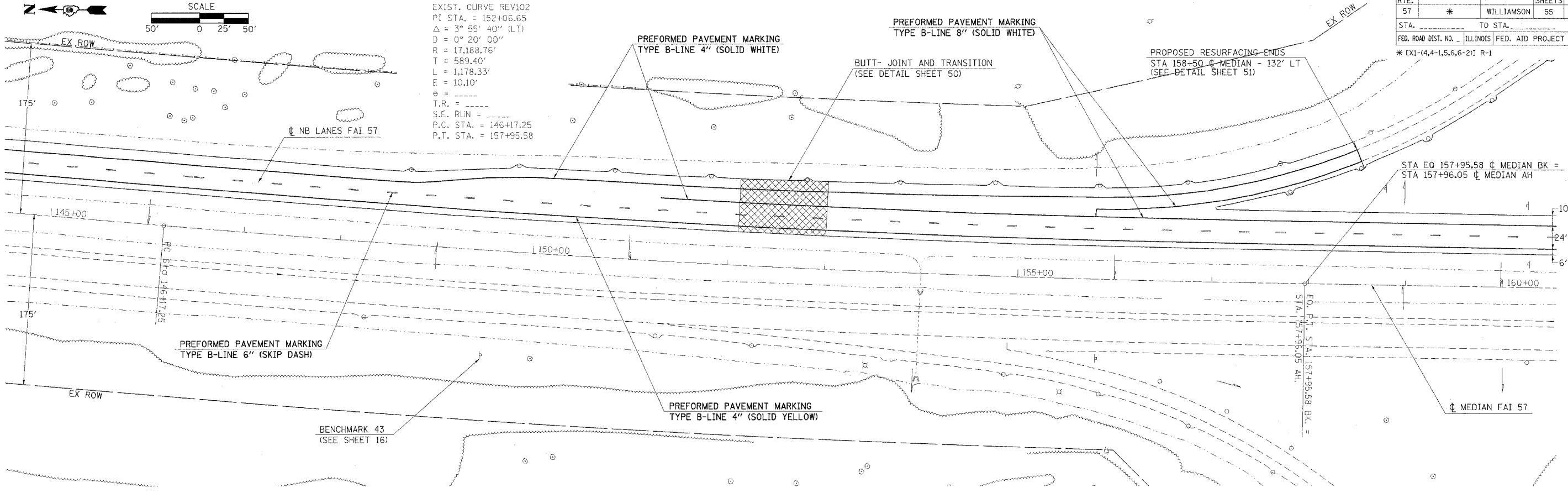
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	22

STA. _____ TO STA. _____

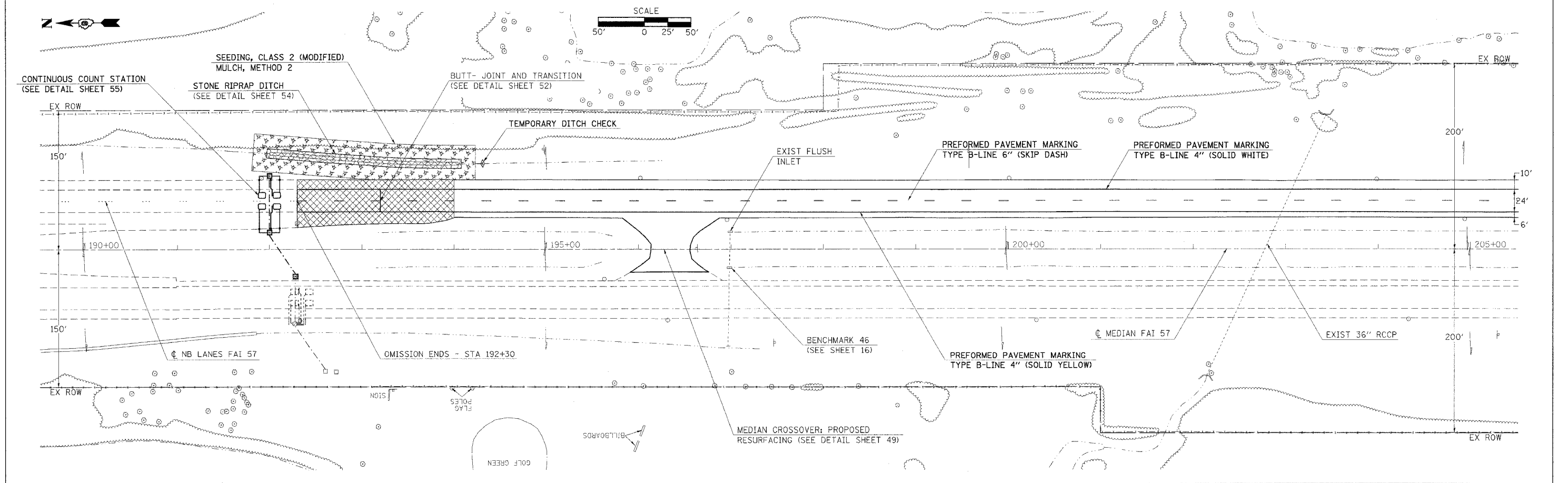
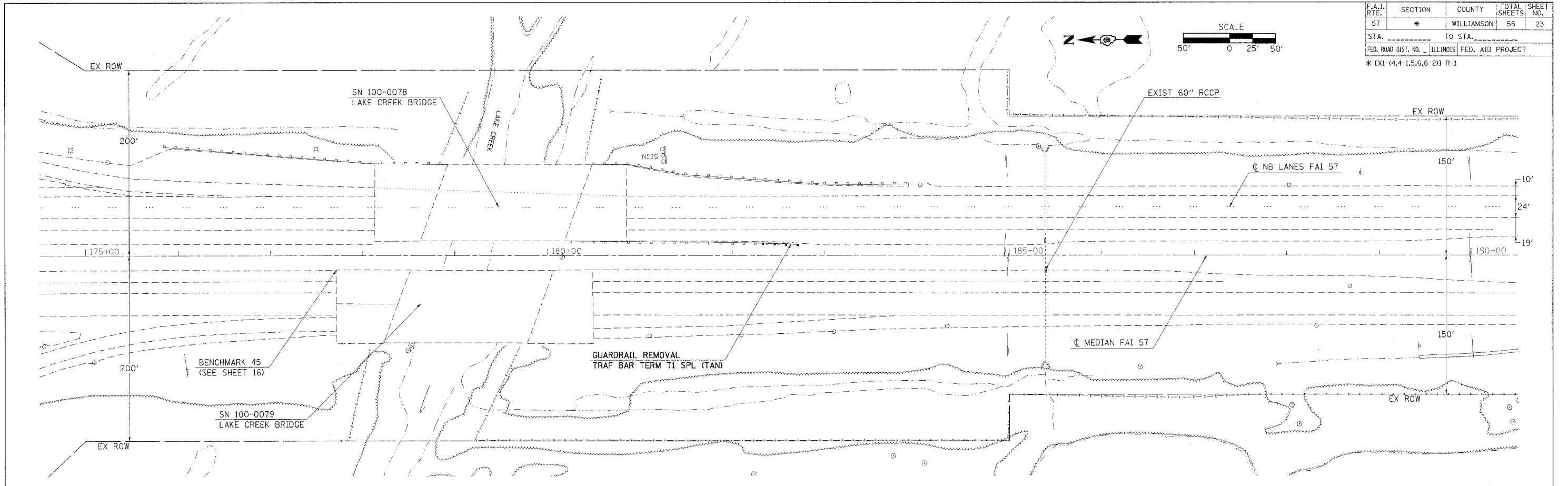
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT _____

EXIST. CURVE REV102
 PI STA. = 152+06.65
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 $D = 0^\circ 20' 00''$
 $R = 17,188.76'$
 $T = 589.40'$
 $L = 1,178.33'$
 $E = 10.10'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 P.C. STA. = 146+17.25
 P.T. STA. = 157+95.58



PLOT DATE = 6/19/2006
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	23
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		
* EX1-(4,4-1,5,6,6-2) R-1				

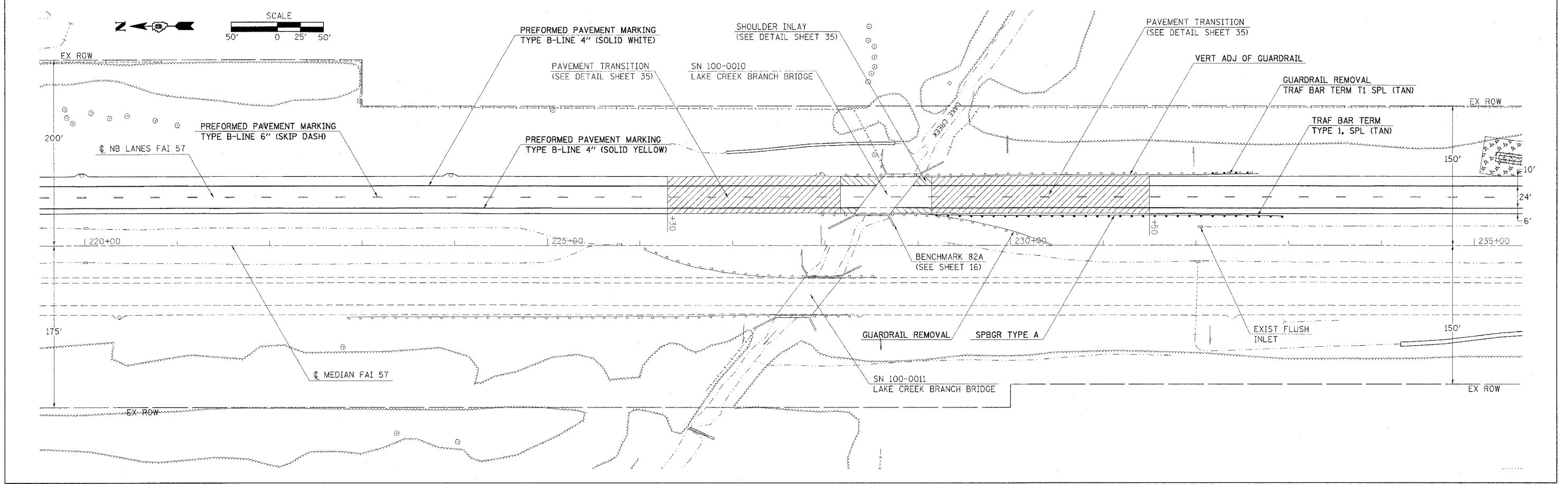
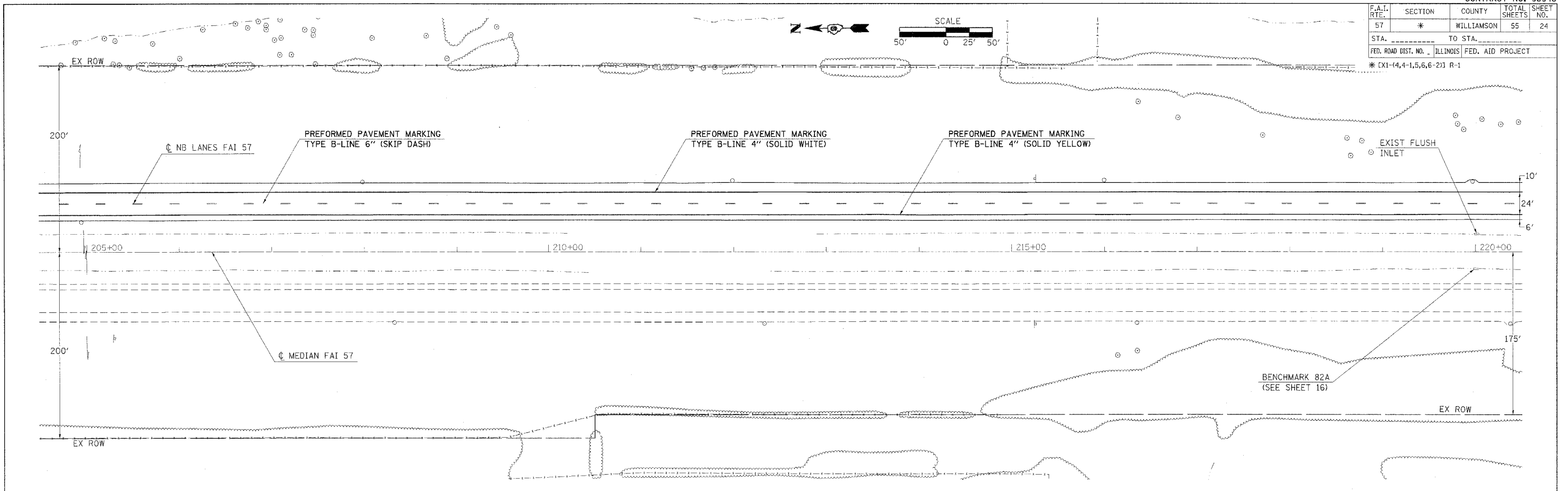


PLOT DATE = 8/23/2006
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ROADWAY PLAN - STA 175+00 TO 205+00

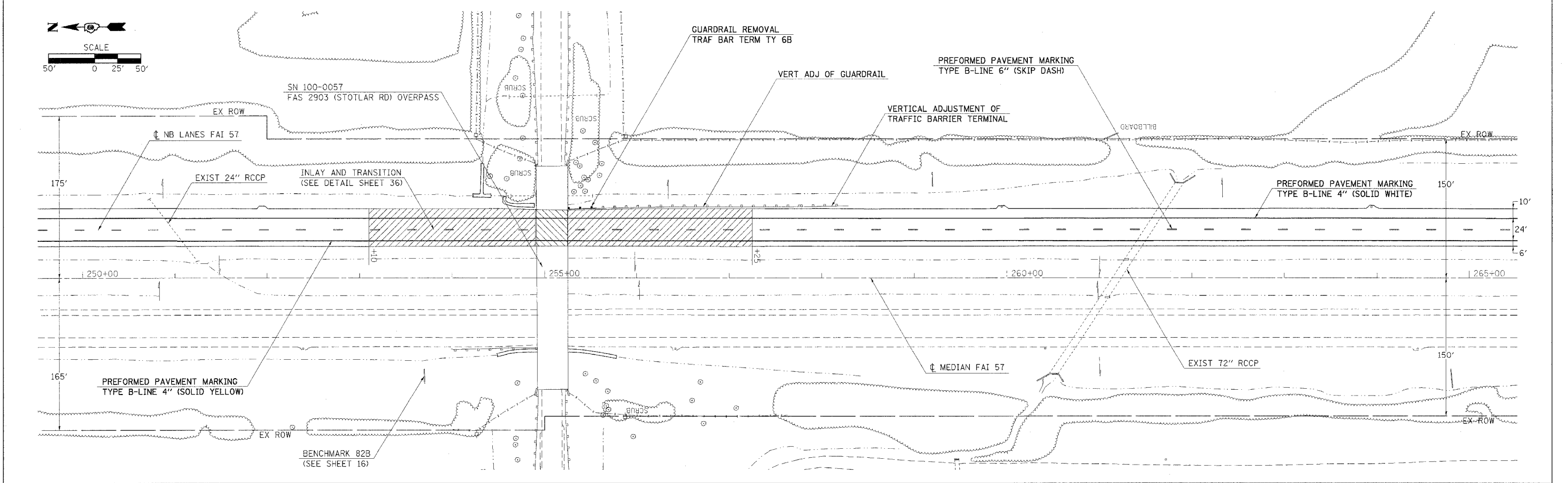
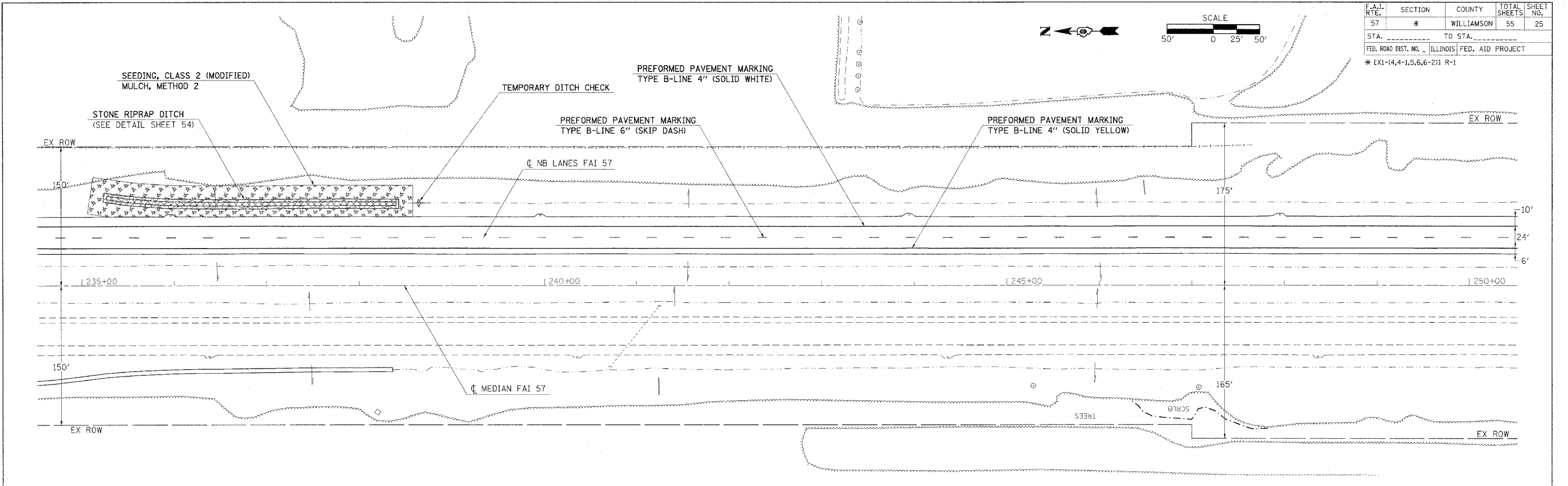
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	24
STA. _____ TO STA. _____				
FED. ROAD DIST. NO. _____ ILLINOIS		FED. AID PROJECT		

* (X1-(4,4-1,5,6,6-2)) R-1



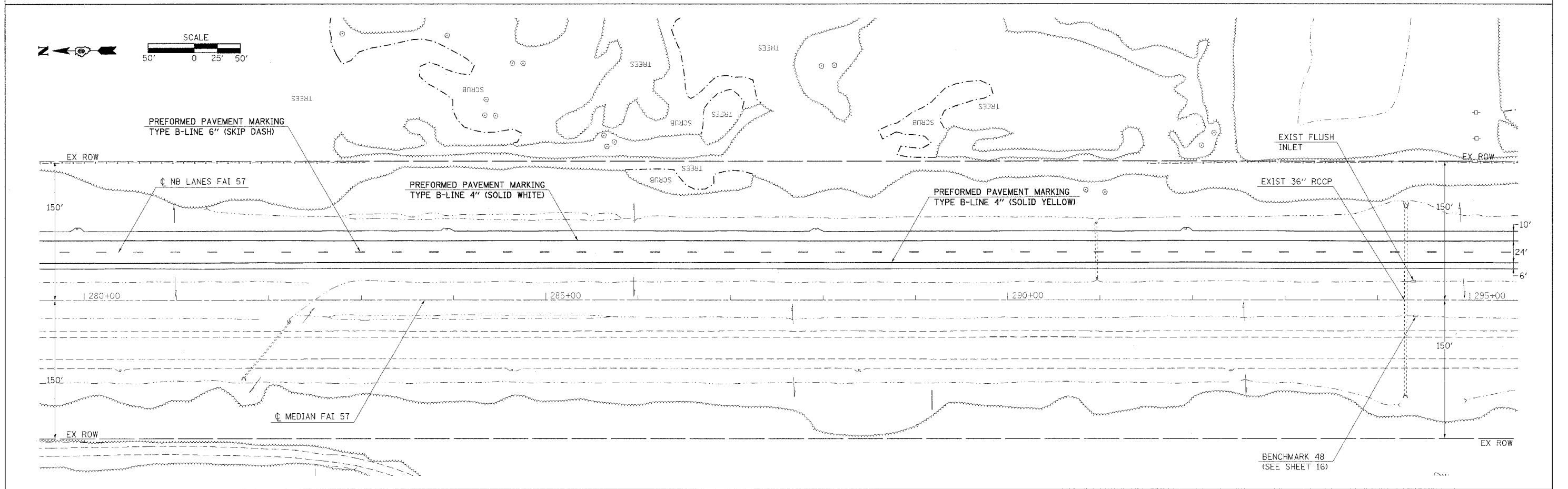
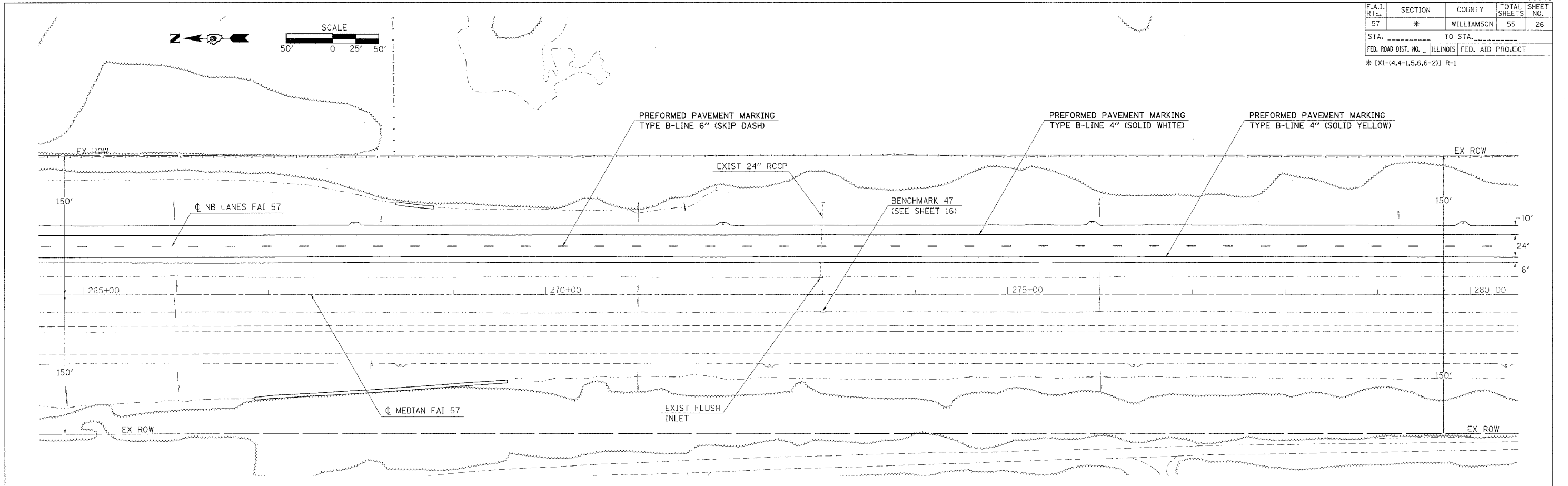
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 PLOT SCALE = 50,000/1
 USER NAME = shpardgg

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	25
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		
* EX1-(4,4-1,5,6,6-2) R-1				



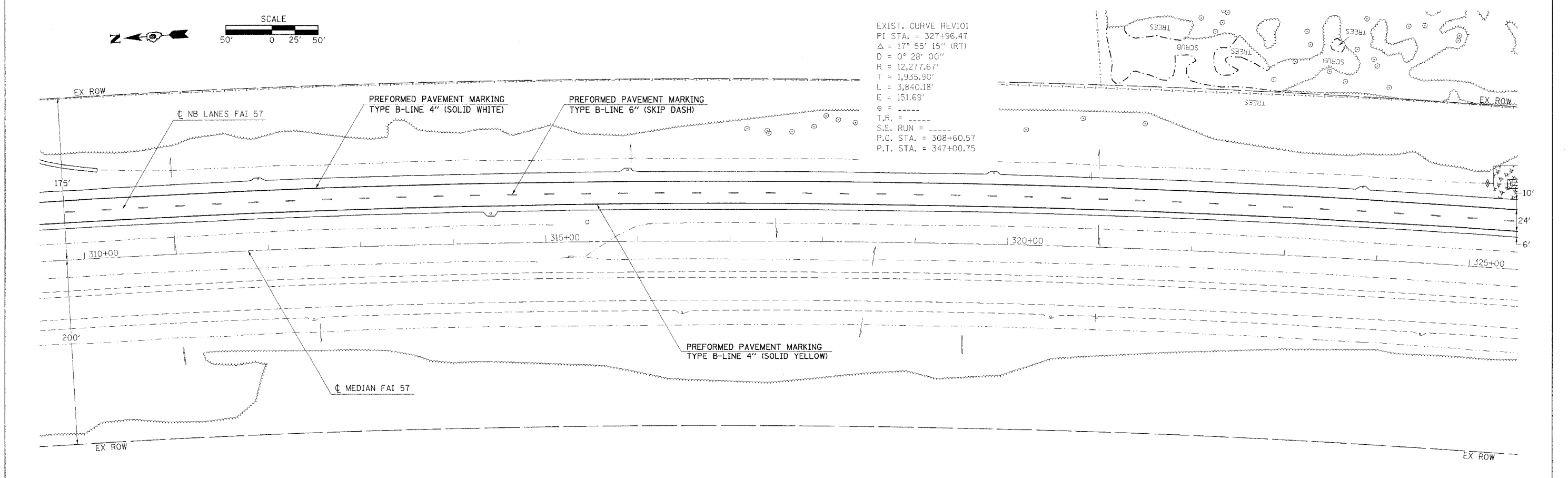
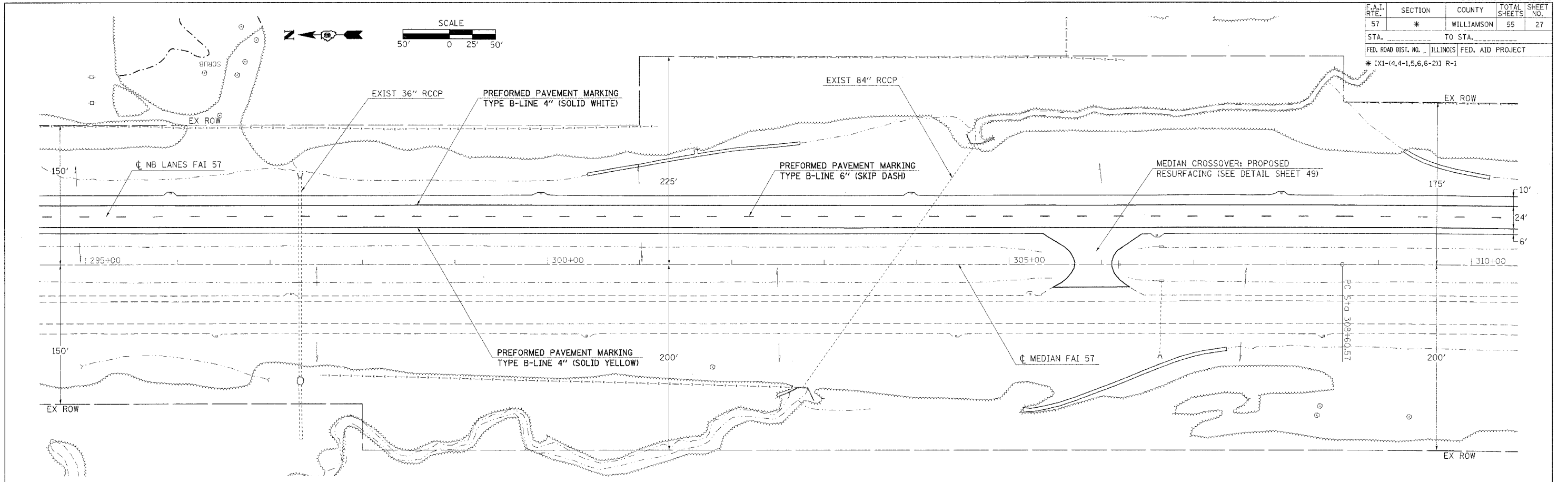
PLOT DATE = 9/19/2005
 PLOT SCALE = 50' = 1" IN.
 USER NAME = shepard.dgd

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	26
STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT		
* EX1-(4,4-1,5,6,6-2) R-1				



PLOT DATE = 6/18/2006
 FILE NAME = c:\pwork\98948\98948.dwg
 USER = shepardgd

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	27
STA. _____ TO STA. _____				
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
* CX1-(4,4-1,5,6,6-2) R-1				

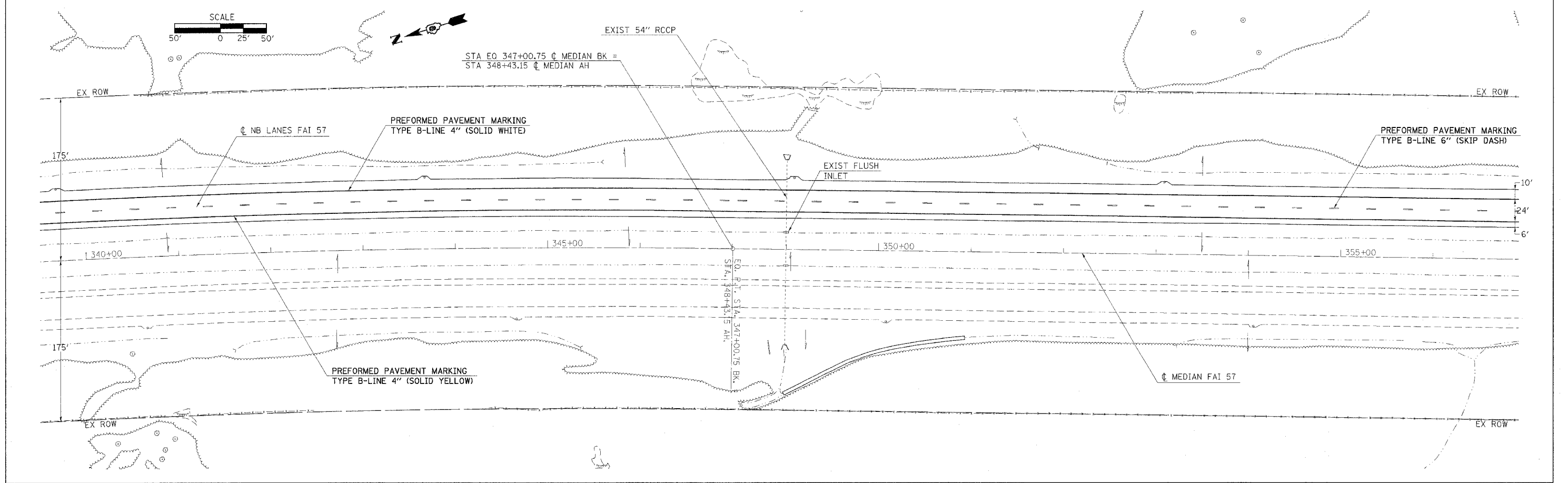
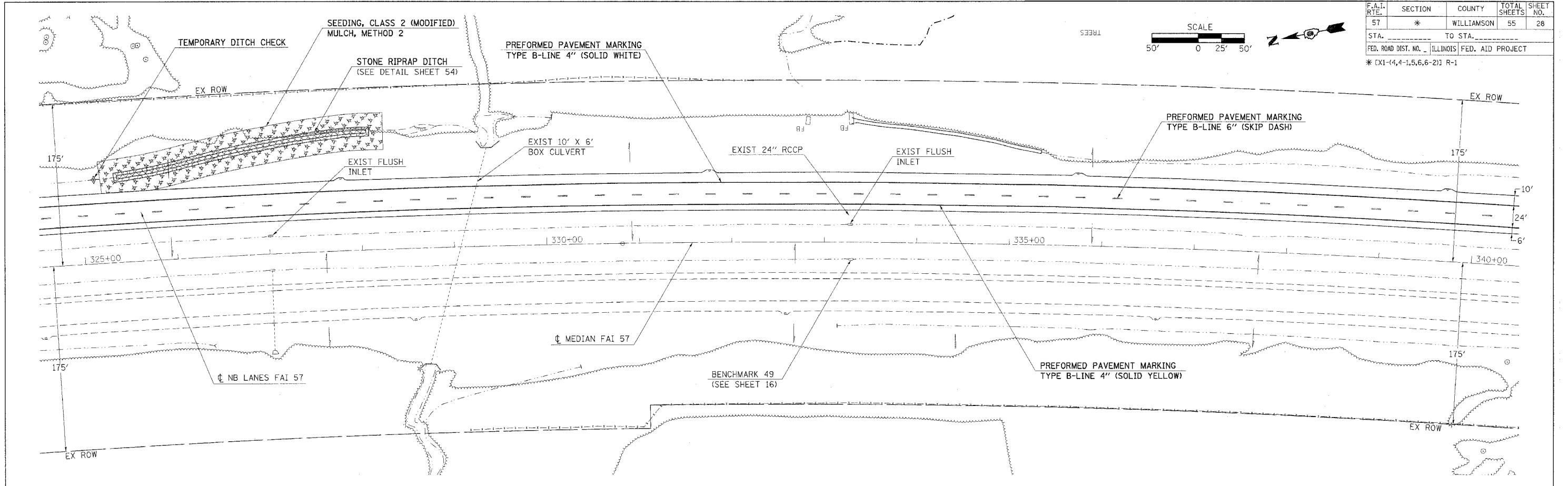


EXIST. CURVE REV101
 PI STA. = 327+96.47
 $\Delta = 17^\circ 55' 15''$ (RT)
 $D = 0^\circ 28' 00''$
 $R = 12,277.67'$
 $T = 1,935.90'$
 $L = 3,840.18'$
 $E = 151.69'$
 $\theta =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 308+60.57$
 $P.T. STA. = 347+00.75$

PLOT DATE = 6/23/2006
 PLOT SCALE = 1\"/>

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	28
STA. _____ TO STA. _____				
FED. ROAD DIST. NO. _____ ILLINOIS		FED. AID PROJECT		

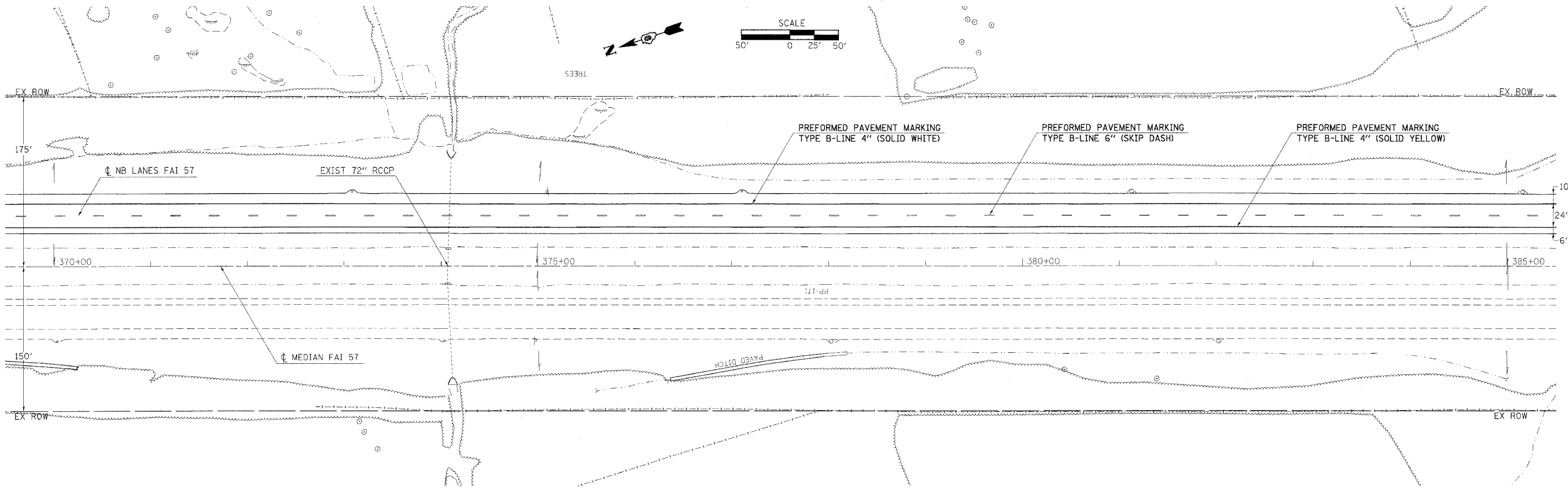
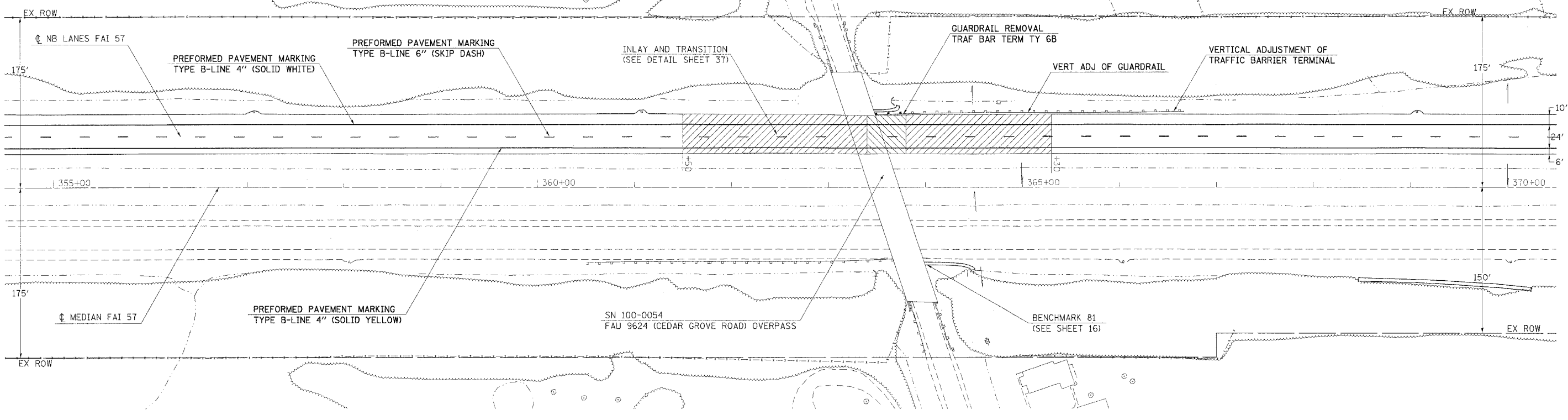
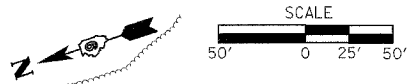
* CX1-(4,4-1,5,6,6-2) R-1



PLOT DATE = 8/18/2006
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ROADWAY PLAN - STA 325+00 TO 355+00

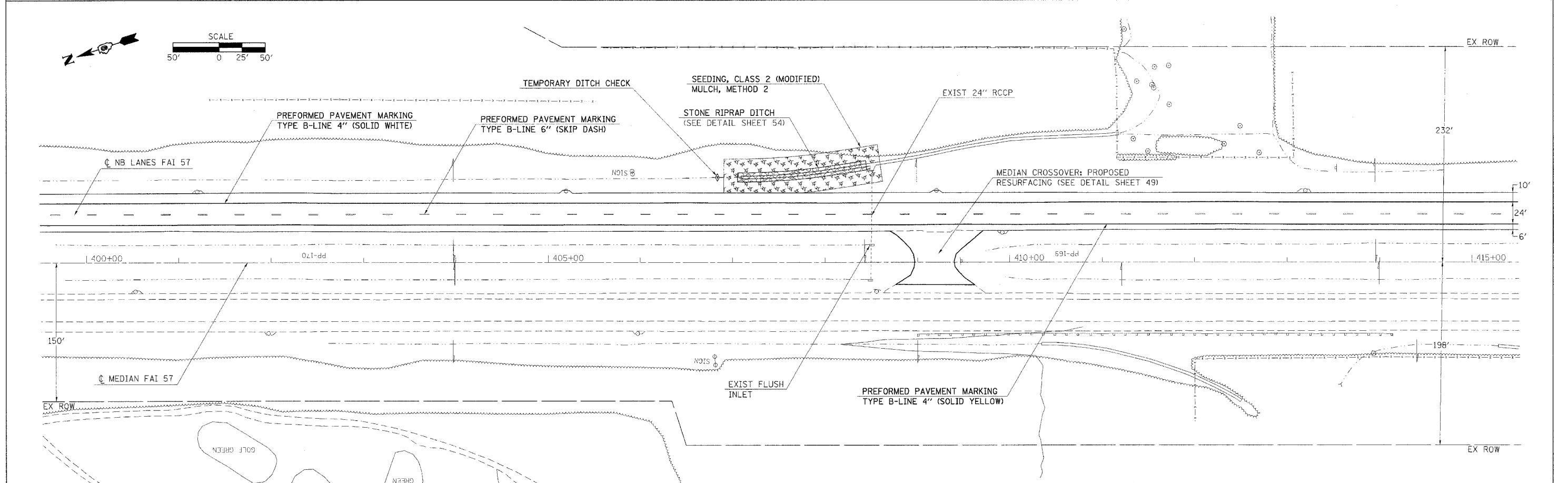
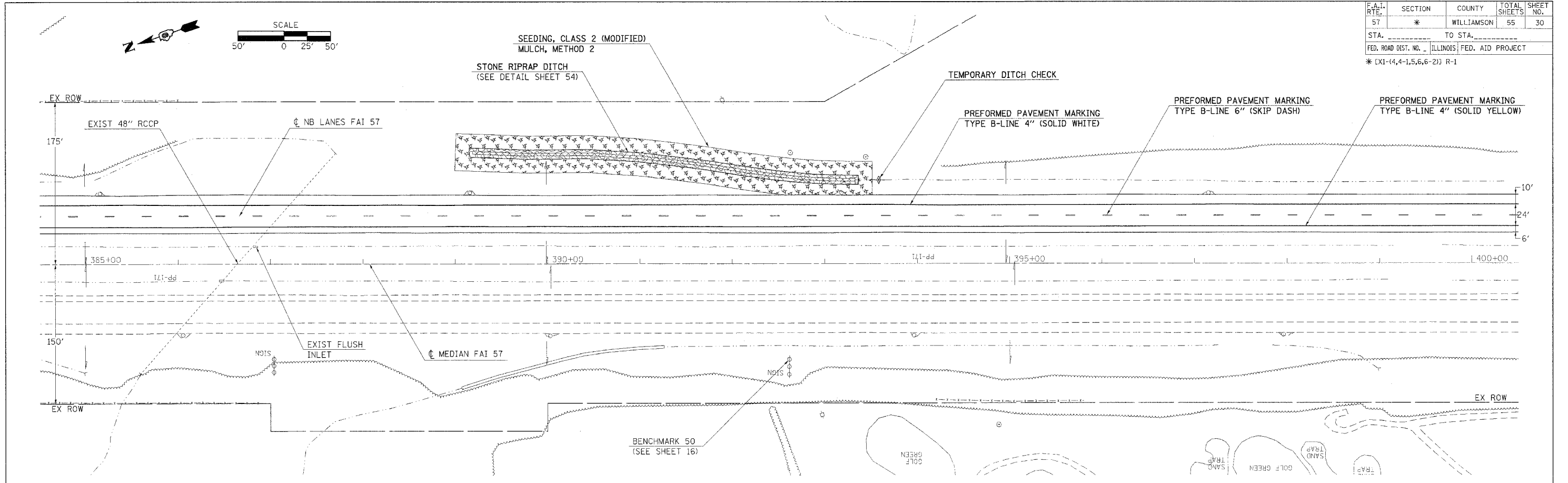
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	29
STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT		
* EX1-(4,4-1,5,6,6-2) R-1				



PLOT DATE = 8/18/2005
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ROADWAY PLAN - STA 355+00 TO 385+00

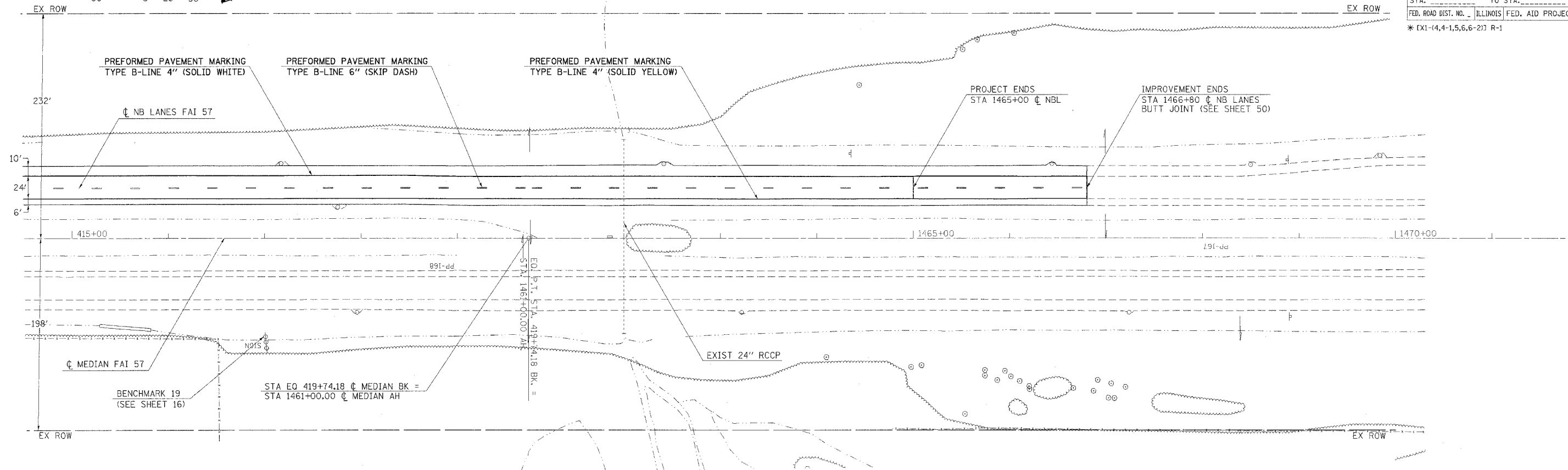
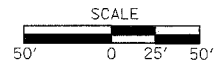
F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	30
STA. _____ TO STA. _____				
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
* EX1-(4,4-1,5,6,6-2) R-1				



PLOT DATE = 8/23/2006
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 PLOT SCALE = 1" = 50'

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	31
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		

* EX(1-4,4-1,5,6,6-2) R-1

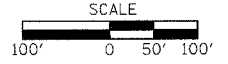
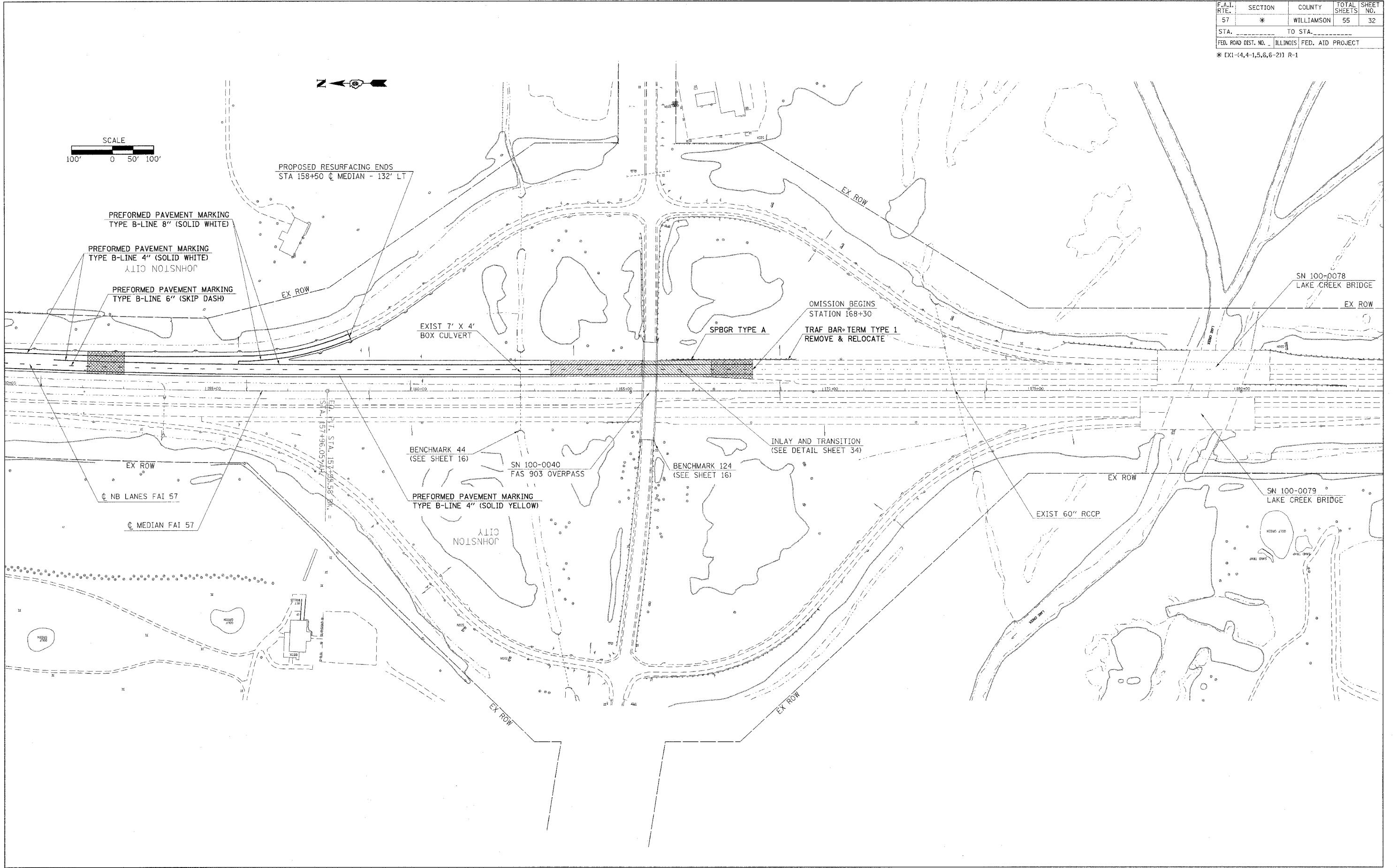


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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	32

STA. _____ TO STA. _____
 FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT _____

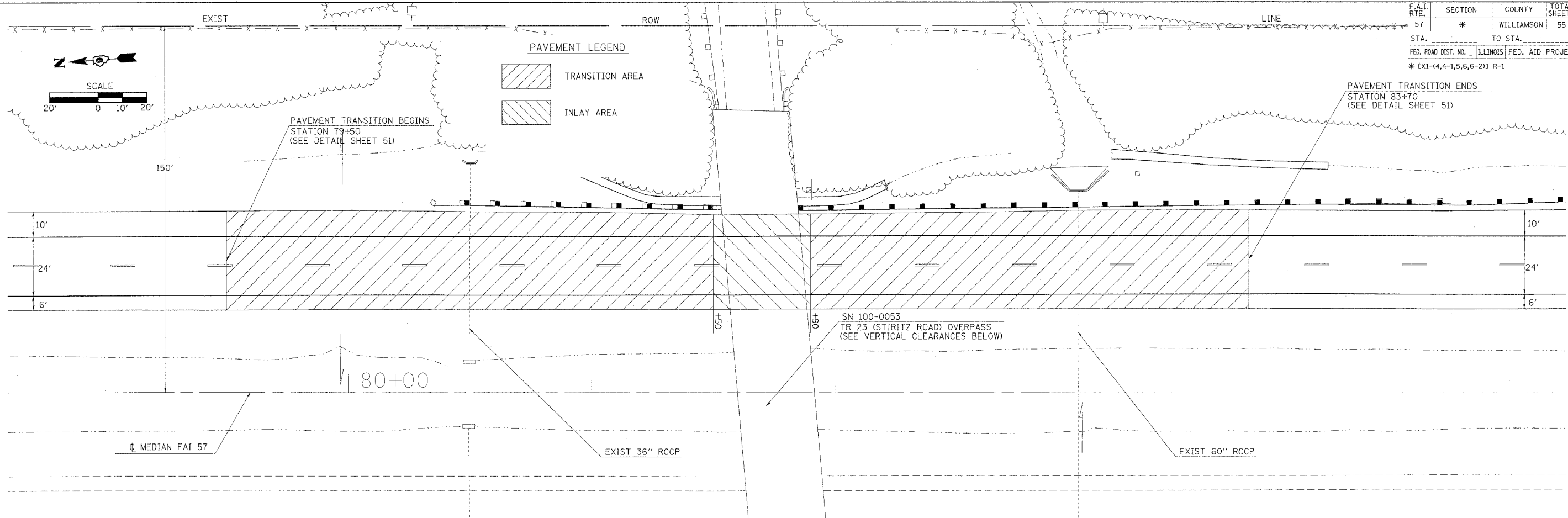
* EX1-(4,4-1,5,6,6-2) R-1



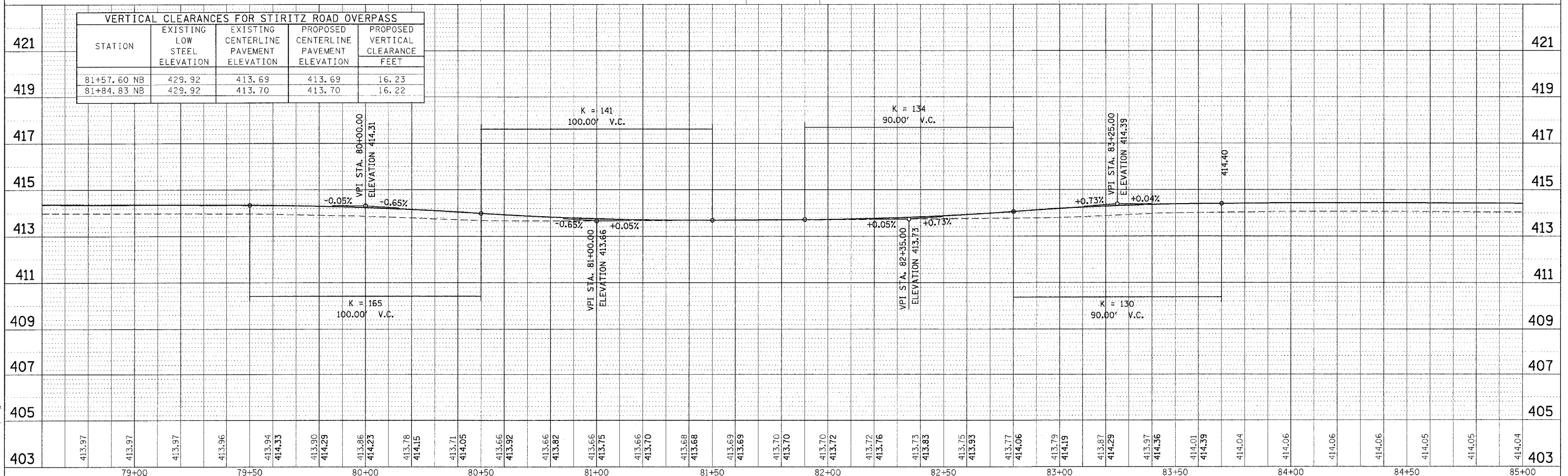
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ROADWAY PLAN - FAS 903 OVERPASS / JOHNSTON CITY INTERCHANGE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	33
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		
* [X1-(4,4-1,5,6,6-2)] R-1				



STATION	EXISTING LOW STEEL ELEVATION	EXISTING CENTERLINE PAVEMENT ELEVATION	PROPOSED CENTERLINE PAVEMENT ELEVATION	PROPOSED VERTICAL CLEARANCE FEET
81+57.60 NB	429.92	413.69	413.69	16.23
81+84.83 NB	429.92	413.70	413.70	16.22

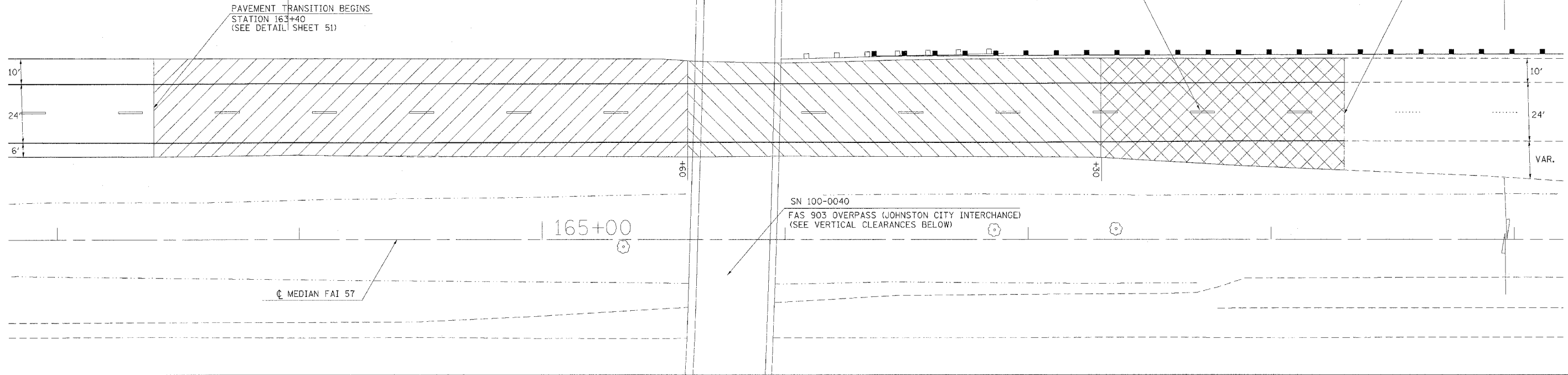
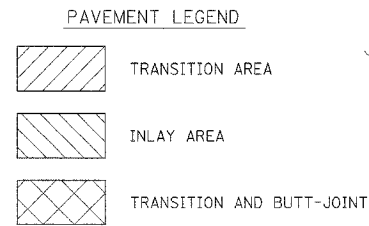
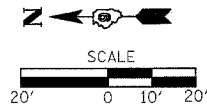


DATE _____ BY _____
 SURVEYED _____
 PLOTTED _____
 CHECKED _____
 PLAN NO. _____

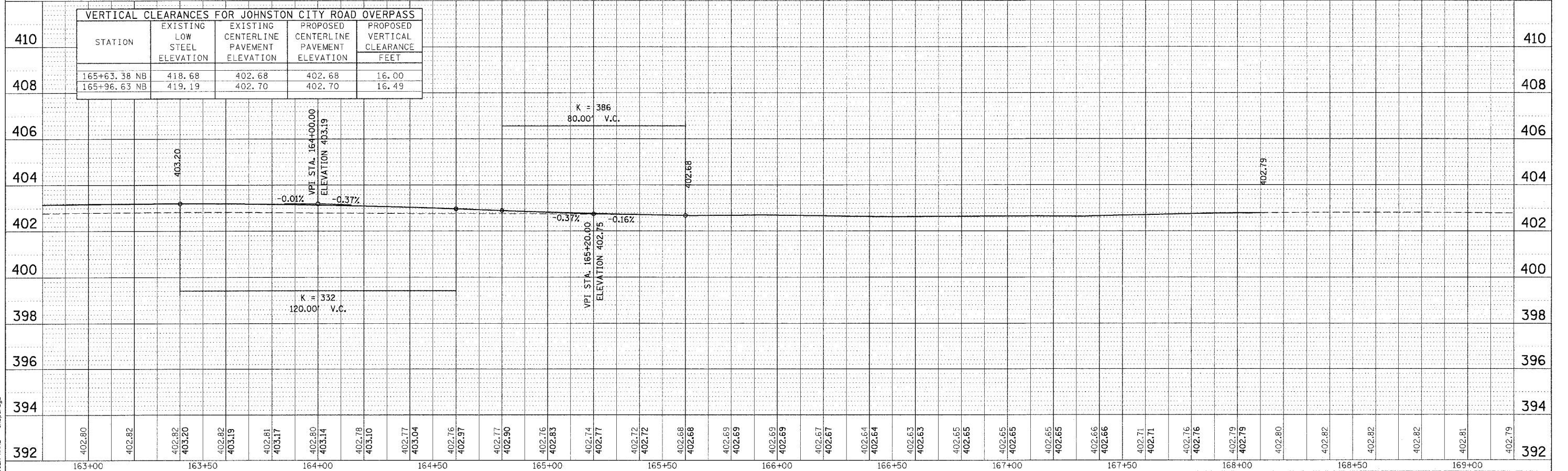
DATE _____ BY _____
 SURVEYED _____
 PLOTTED _____
 CHECKED _____
 PROFILE NO. _____

PLOT DATE = 8/19/2006
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 PLOT SCALE = 20.0000' / IN.
 USER NAME = shepardjd

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	34
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
* [X1-(4,4-1,5,6,6-2)] R-1				



STATION	EXISTING LOW STEEL ELEVATION	EXISTING CENTERLINE PAVEMENT ELEVATION	PROPOSED CENTERLINE PAVEMENT ELEVATION	PROPOSED VERTICAL CLEARANCE FEET
165+63.38 NB	418.68	402.68	402.68	16.00
165+96.63 NB	419.19	402.70	402.70	16.49

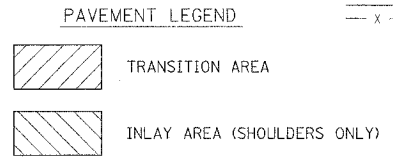
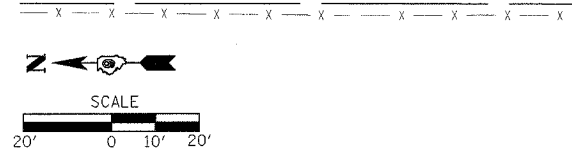


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 SURVEYED: _____
 PLAN: _____
 NOTE BOOK: _____
 NO.: _____

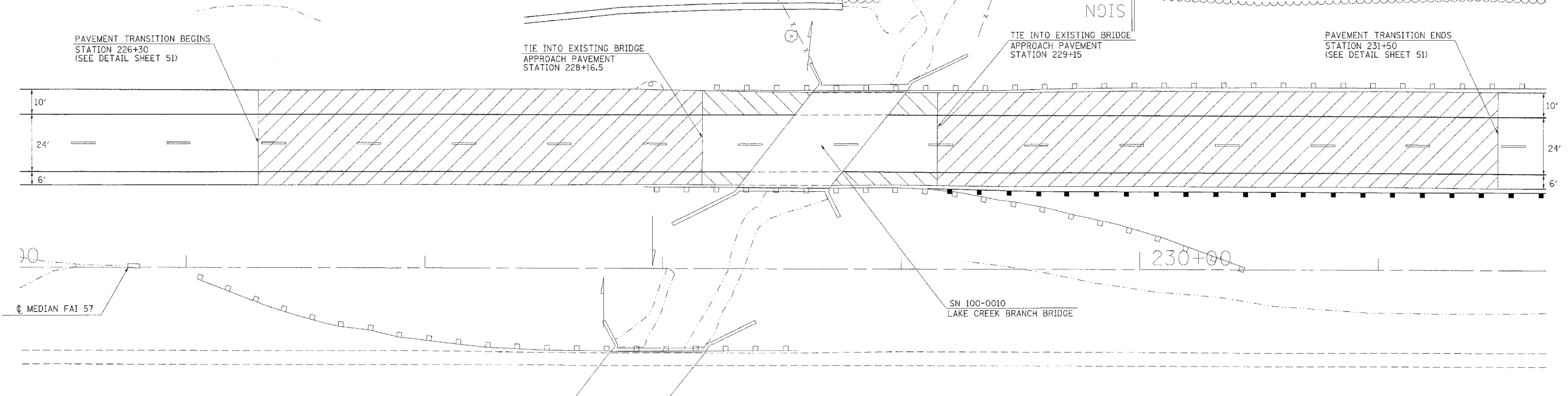
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 PROFILE: _____
 NOTE BOOK: _____
 NO.: _____

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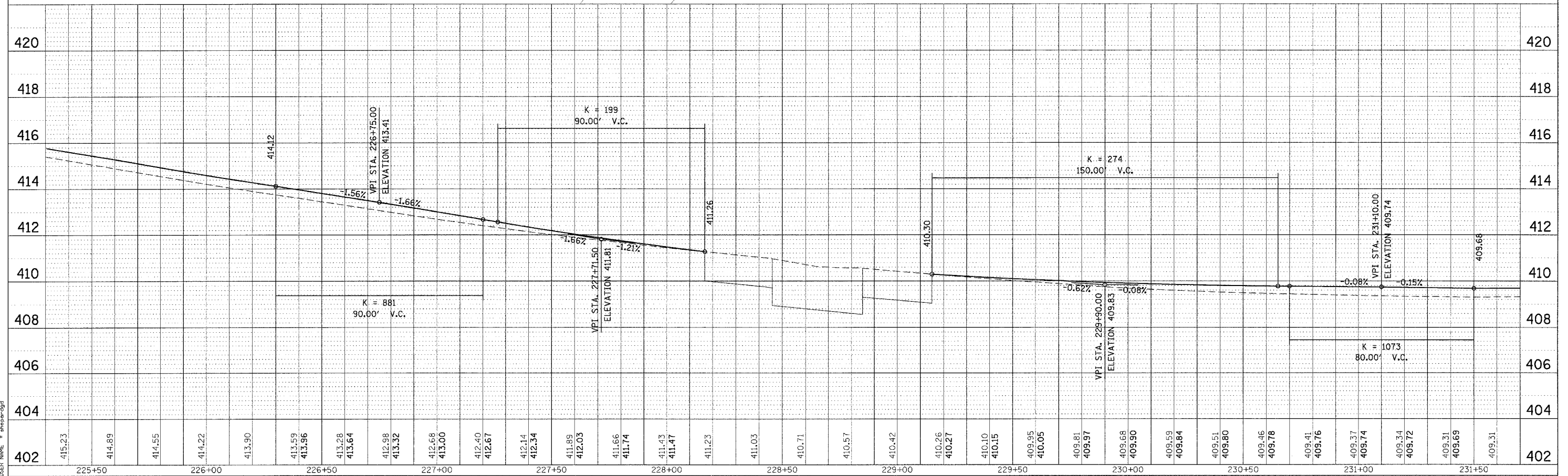
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
57	*	WILLIAMSON	55
STA.		TO STA.	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	
* [X1-(4,4-1,5,6,6-2)] R-1			



DATE: _____ BY: _____
 PLAN: _____
 CHECKED: _____
 DATE: _____ BY: _____

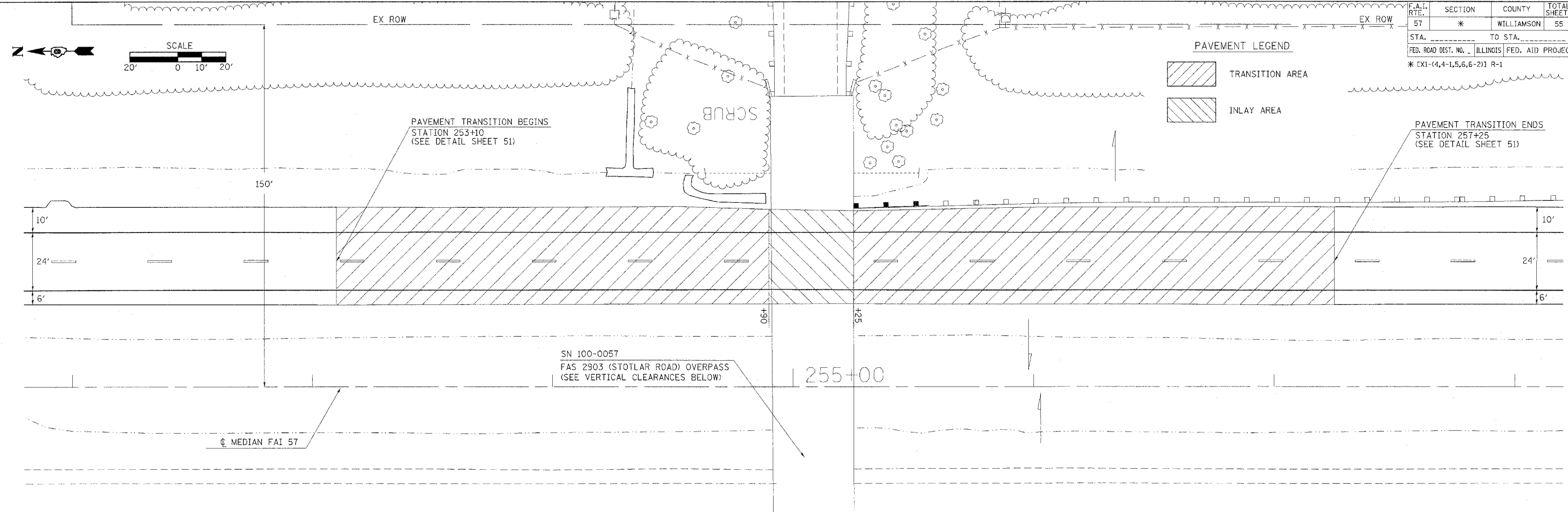


DATE: _____ BY: _____
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 CHECKED: _____
 DATE: _____ BY: _____



PLOT DATE = 6/18/2006
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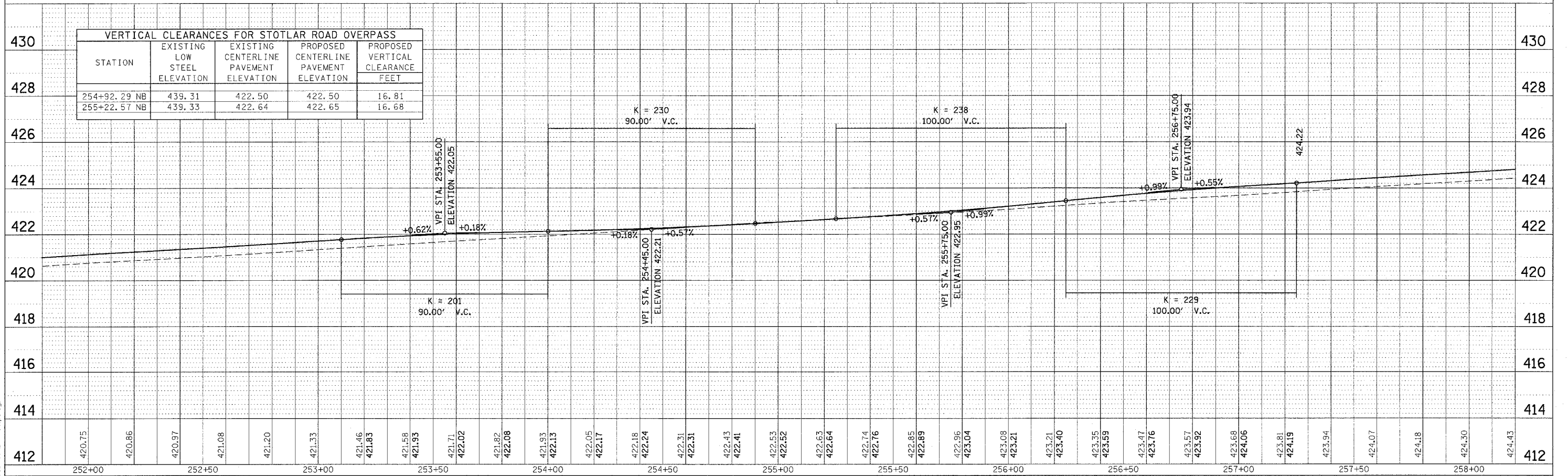
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	36
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* EX1-(4,4-1,5,6,6-2) R-1				



PLAN
 NO. _____
 DATE _____
 BY _____
 CHECKED _____
 DATE _____
 BY _____

PROFILE
 NO. _____
 DATE _____
 BY _____
 CHECKED _____
 DATE _____
 BY _____

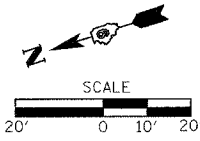
STATION	EXISTING LOW STEEL ELEVATION	EXISTING CENTERLINE PAVEMENT ELEVATION	PROPOSED CENTERLINE PAVEMENT ELEVATION	PROPOSED VERTICAL CLEARANCE FEET
254+92.29 NB	439.31	422.50	422.50	16.81
255+22.57 NB	439.33	422.64	422.65	16.68



PLOT DATE = 8/18/2006
 FILE NAME = 98948.dwg
 USER NAME = shpandg

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	37
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

* [X1-(4,4-1,5,6,6-2)] R-1



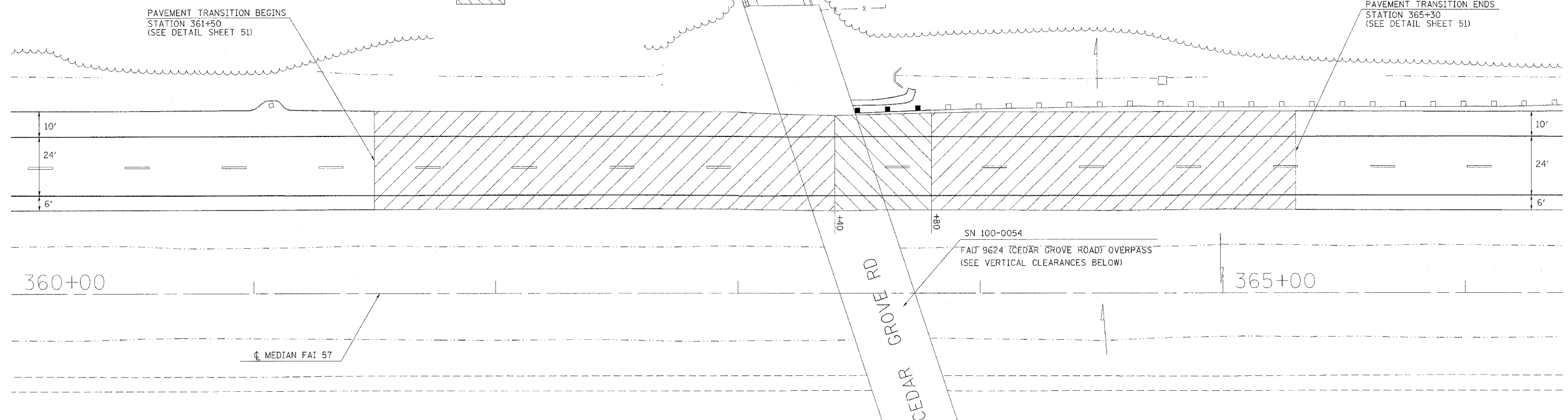
PAVEMENT LEGEND

- TRANSITION AREA
- INLAY AREA

PAVEMENT TRANSITION BEGINS
STATION 361+50
(SEE DETAIL SHEET 51)

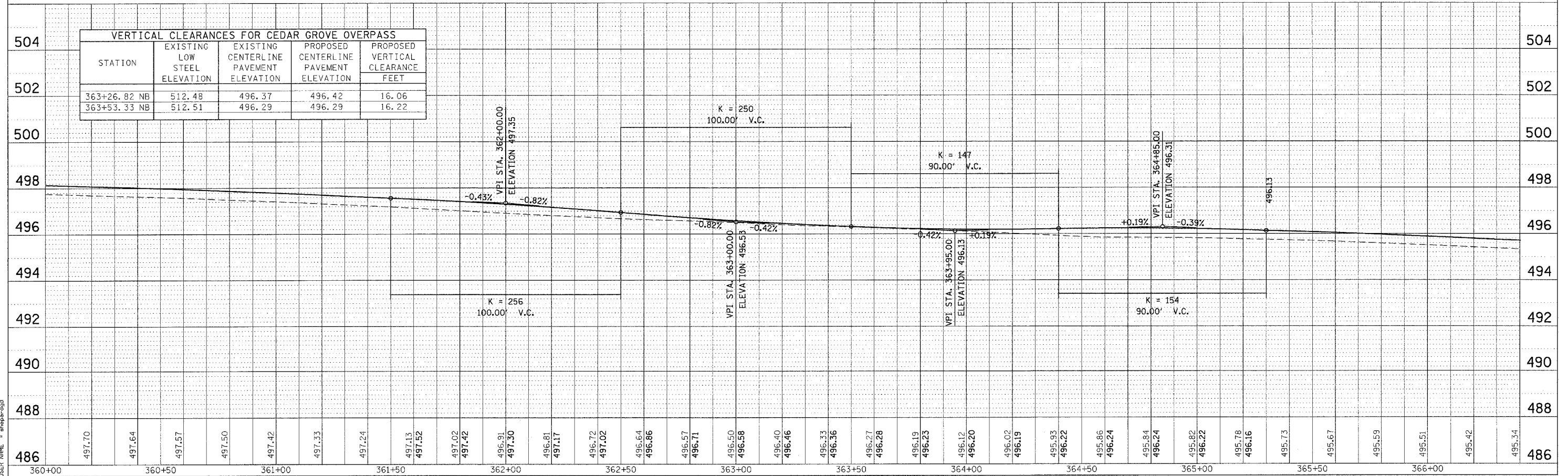
PAVEMENT TRANSITION ENDS
STATION 365+30
(SEE DETAIL SHEET 51)

DATE	
BY	
REVISION	
NO.	
PLAN	
NO.	
NOTE BOOK	
NO.	
FILE NAME	
USER NAME	



DATE	
BY	
REVISION	
NO.	
PROFILE	
NO.	
NOTE BOOK	
NO.	
FILE NAME	
USER NAME	

STATION	EXISTING LOW STEEL ELEVATION	EXISTING CENTERLINE PAVEMENT ELEVATION	PROPOSED CENTERLINE PAVEMENT ELEVATION	PROPOSED VERTICAL CLEARANCE FEET
363+26.82 NB	512.48	496.37	496.42	16.06
363+53.33 NB	512.51	496.29	496.29	16.22



PLOT DATE = 8/18/2006
 FILE NAME = s:\projects\98948\p1010054.mxd
 USER NAME = shepa-dgd

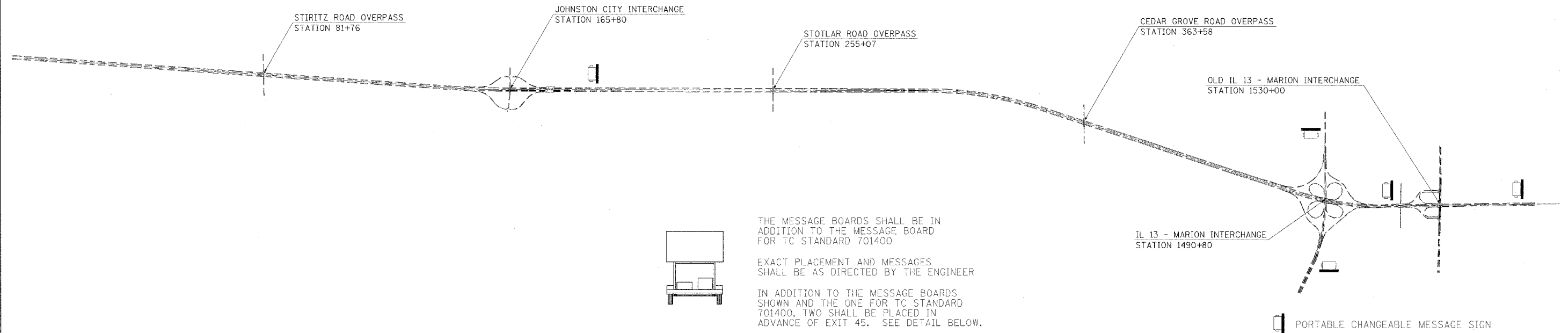
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	38
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		

* EX1-(4,4-1,5,6,6-2) R-1



DRAWING NOT TO SCALE

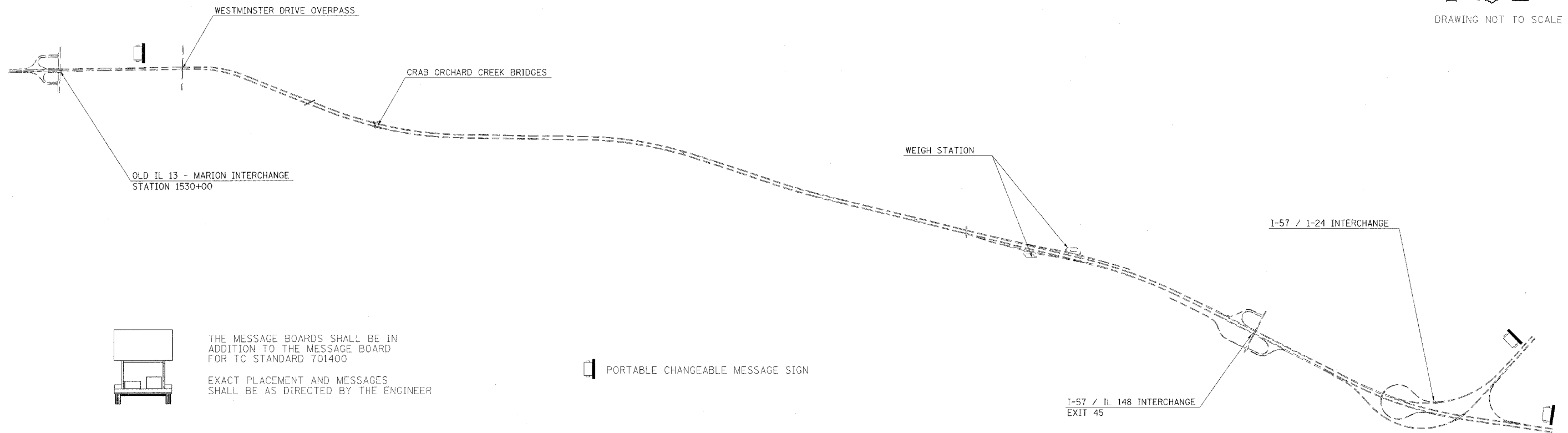
SUGGESTED MESSAGE BOARD PLACEMENT



SUGGESTED MESSAGE BOARD PLACEMENT

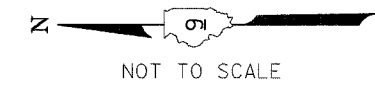


DRAWING NOT TO SCALE

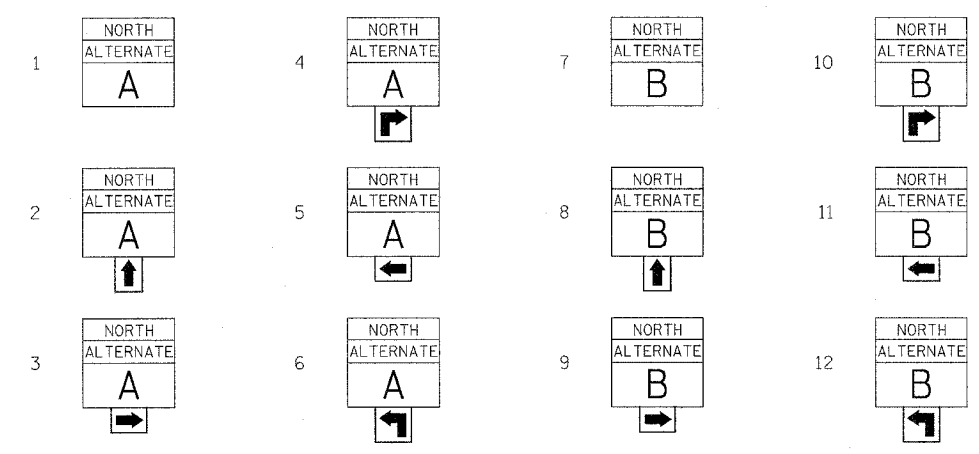


PLOT DATE = 8/22/2005
FILE NAME = c:\pwork\proj\98948\va\ta\grm32
USER NAME = thomashf

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	39
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		



PROPOSED SIGN KEY



- 3 — PROPOSED SIGN
- A — EXISTING SIGN

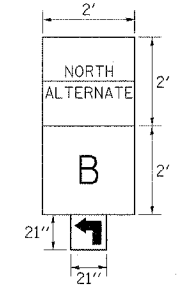
PLACE PROPOSED SIGN WITHIN 200' OF THE EXISTING SIGN IN RURAL AREAS. FOR PROPOSED SIGNS IN CITY LIMITS, THE SIGNS SHALL BE PLACED SO THEY DO NOT INTERFERE WITH EXISTING SIGNS AND AS DIRECTED BY THE ENGINEER.

EXISTING SIGN KEY

- A STATE ROUTE SIGN
- B MILEAGE SIGN
- C SPEED LIMIT SIGN
- D DIRECTIONAL STATE ROUTE SIGN
- E COUNTY LINE SIGN
- F CITY/VILLAGE POPULATION SIGN
- G I-57 DIRECTIONAL SIGN

SIGN PANEL, TYPE 1	SIGN POST
SQ FT	EACH
885	80

SIGN DETAIL



NOTES:

1. THE CONTRACTOR HAS THE OPTION OF USING METAL POSTS INSTEAD OF WOOD.
2. ALL SIGNS SHALL BE BLACK ON ORANGE. THE POSTS SHALL BE PLACED 12 FEET FROM THE EDGE OF PAVEMENT AS DIRECTED BY THE ENGINEER.
3. ALL SIGN HARDWARE REQUIRED TO INSTALL THE ALTERNATE ROUTE SIGNING SHALL BE INCLUDED IN COST OF SIGN PANEL TYPE 1.
4. SIGNS SHALL BE REMOVED ON COMPLETION OF THE CONTRACT AT THE DIRECTION OF THE ENGINEER. THIS WORK SHALL BE COMPLETED ACCORDING TO SECTION 724 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR. THE SIGNS AND POSTS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
5. ALTERNATE A = ILL. RTE. 37.
ALTERNATE B = ILL. RTE. 148.
6. THE RELOCATING, MAINTENANCE OR REPLACEMENT OF SIGNS SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.
7. EXACT SIGN PLACEMENT WILL BE DETERMINED BY THE ENGINEER.
8. THE DISTRICT 9 OPERATIONS ENGINEER SHALL BE CONTACTED 10 DAYS PRIOR TO THE ERECTION OF SIGNS.

FOR DETAIL OF SIGNING IN WEST FRANKFORT SEE SHEET 43

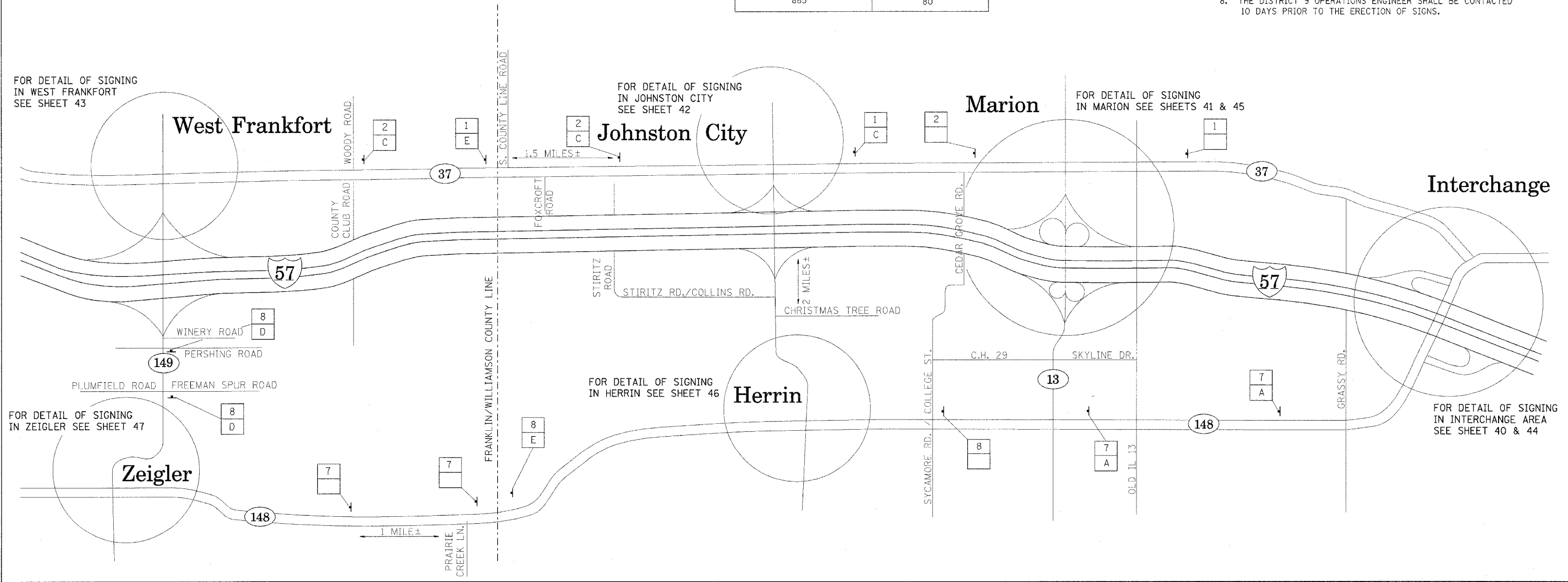
FOR DETAIL OF SIGNING IN JOHNSTON CITY SEE SHEET 42

FOR DETAIL OF SIGNING IN MARION SEE SHEETS 41 & 45

FOR DETAIL OF SIGNING IN HERRIN SEE SHEET 46

FOR DETAIL OF SIGNING IN ZEIGLER SEE SHEET 47

FOR DETAIL OF SIGNING IN INTERCHANGE AREA SEE SHEET 40 & 44

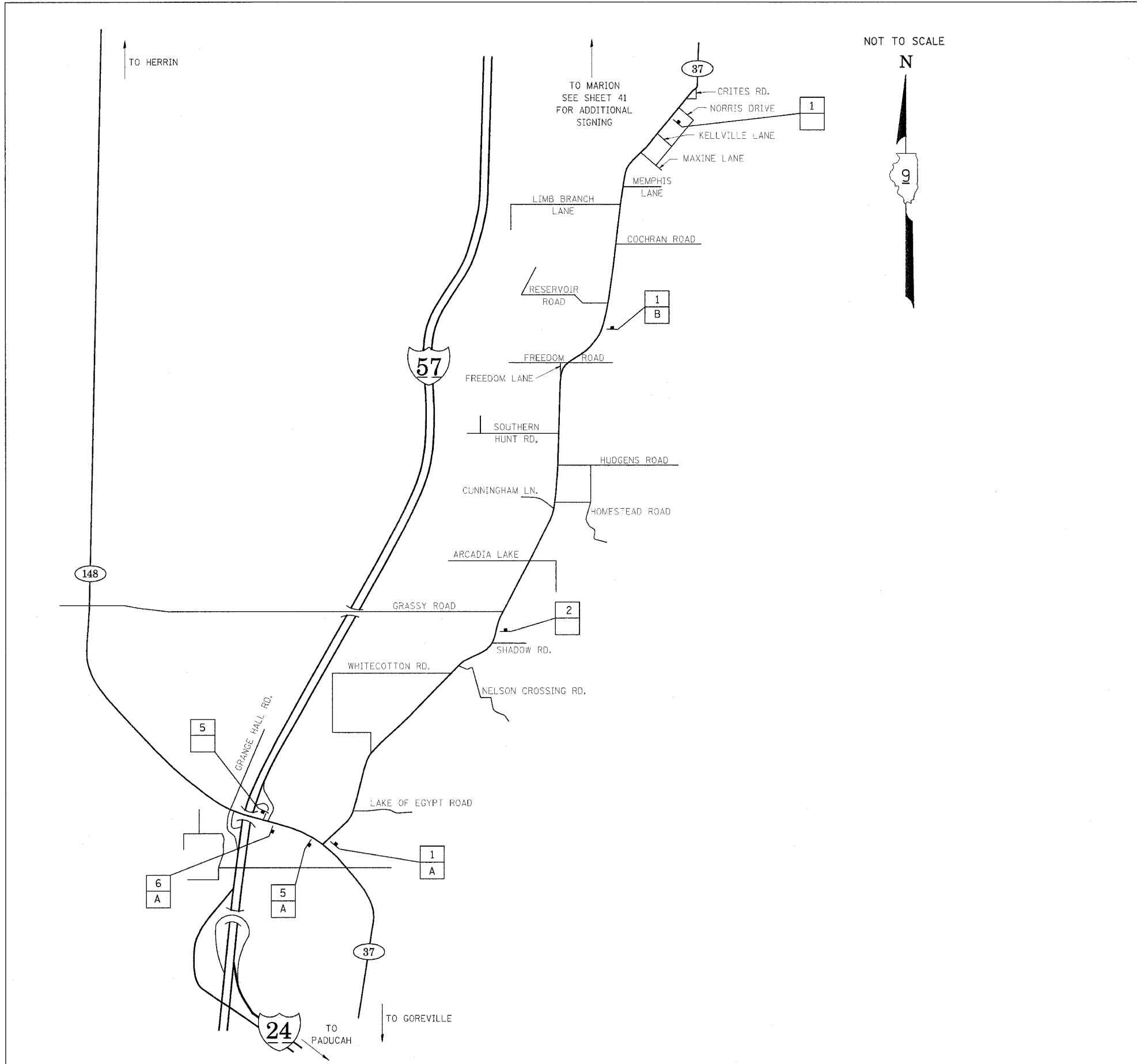


PLOT DATE = 8/22/2005
 FILE NAME = c:\p\proj\pca\98948\sign\sign-32
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 USER NAME = thomshf

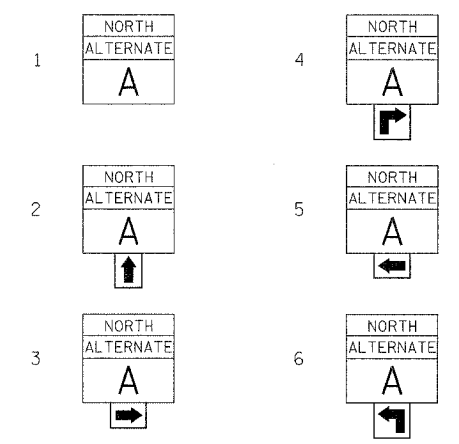
ALTERNATE ROUTE SIGNING - ALTERNATES A & B

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	40
STA. _____ TO STA. _____				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

* EX1-(4,4-1,5,6,6-2) R-1



PROPOSED SIGN KEY



3 — PROPOSED SIGN
A — EXISTING SIGN

PLACE PROPOSED SIGN WITHIN 200' OF THE EXISTING SIGN IN RURAL AREAS. FOR PROPOSED SIGNS IN CITY LIMITS, THE SIGNS SHALL BE PLACED SO THEY DO NOT INTERFERE WITH EXISTING SIGNS AND AS DIRECTED BY THE ENGINEER. SIGNS SHALL NOT BE PLACED ON EXISTING POSTS WITH EXISTING SIGNS.

EXISTING SIGN KEY

- A STATE ROUTE SIGN
- B MILEAGE SIGN
- C SPEED LIMIT SIGN
- D DIRECTIONAL STATE ROUTE SIGN
- E CROSS ROAD SIGN
- F I-57 DIRECTIONAL SIGN
- G NO PARKING SIGN
- H SOUTHERN BRANCH - LINCOLN HERITAGE TRAIL SIGN

NOTES:

1. THE CONTRACTOR HAS THE OPTION OF USING METAL POSTS INSTEAD OF WOOD.
2. ALL SIGNS SHALL BE BLACK ON ORANGE. THE POSTS SHALL BE PLACED 12 FEET FROM THE EDGE OF PAVEMENT AS DIRECTED BY THE ENGINEER.
3. ALL SIGN HARDWARE REQUIRED TO INSTALL THE ALTERNATE ROUTE SIGNING SHALL BE INCLUDED IN COST OF SIGN PANEL TYPE 1.
4. SIGNS SHALL BE REMOVED ON COMPLETION OF THE CONTRACT AT THE DIRECTION OF THE ENGINEER. THIS WORK SHALL BE COMPLETED ACCORDING TO SECTION 724 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR. THE SIGNS AND POSTS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
5. ALTERNATE A = ILL. RTE. 37
6. THE RELOCATING, MAINTENANCE OR REPLACEMENT OF SIGNS SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.
7. EXACT SIGN PLACEMENT WILL BE DETERMINED BY THE ENGINEER.
8. THE DISTRICT 9 OPERATIONS ENGINEER SHALL BE CONTACTED 10 DAYS PRIOR TO THE ERECTION OF SIGNS.

PLOT DATE = 8/22/2006
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 PLOT SCALE = 1" = 100'
 USER NAME = thomasht

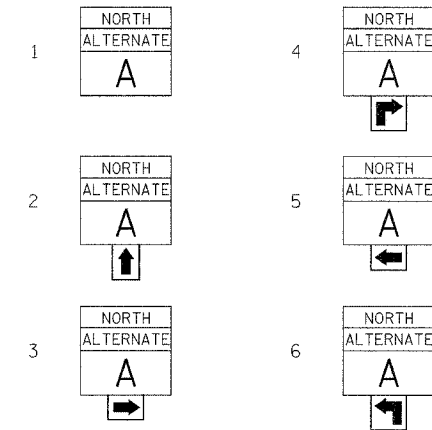
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	42
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		
* [X1-(4,4-1,5,6,6-2)] R-1				



NOT TO SCALE



PROPOSED SIGN KEY



EXISTING SIGN KEY

- A STATE ROUTE SIGN
- B MILEAGE SIGN
- C SPEED LIMIT SIGN
- D DIRECTIONAL STATE ROUTE SIGN
- E COUNTY LINE SIGN
- F CITY/VILLAGE POPULATION SIGN
- G I-57 DIRECTIONAL SIGN

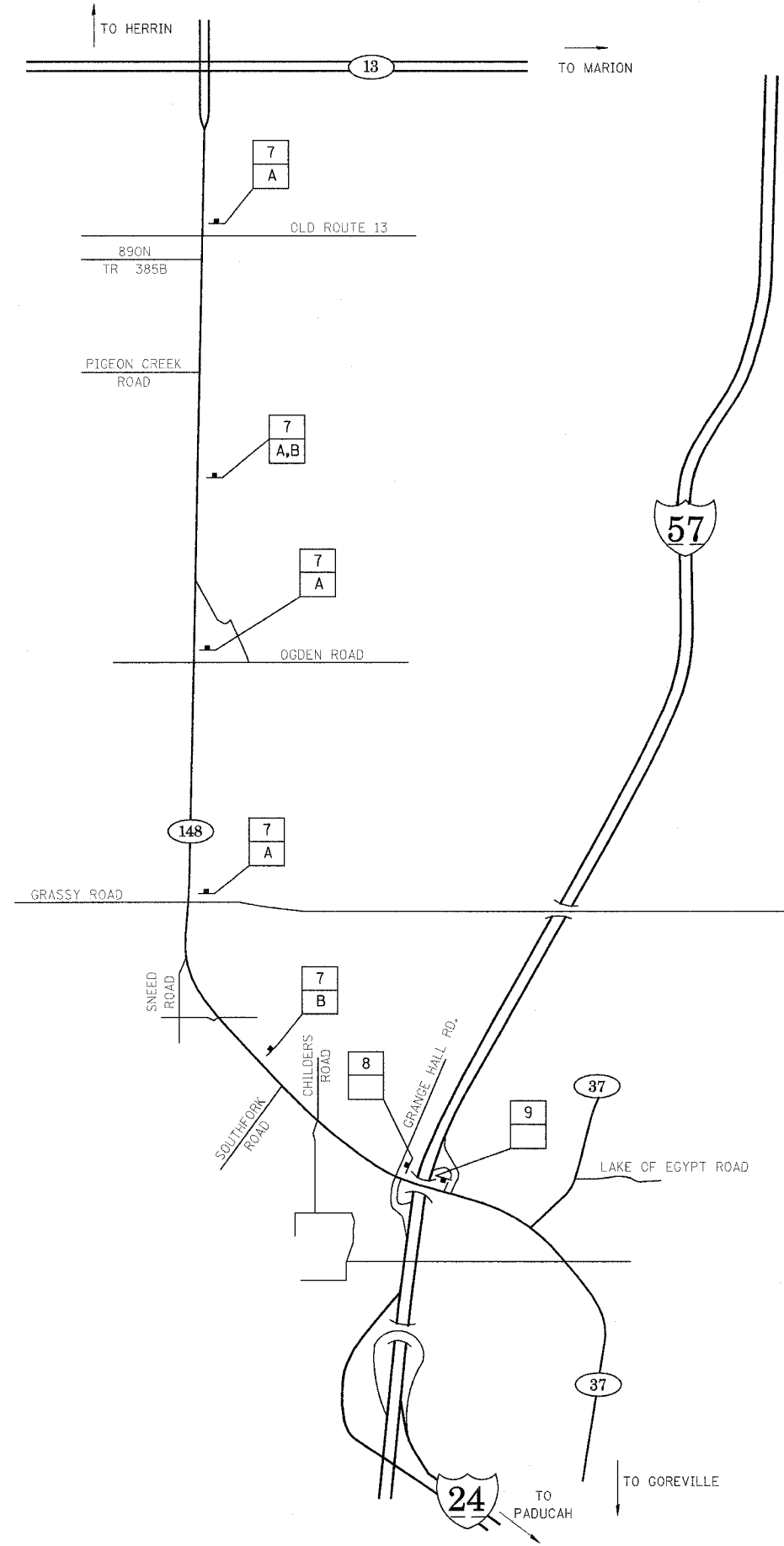
- 3 — PROPOSED SIGN
- A — EXISTING SIGN

PLACE PROPOSED SIGN WITHIN 200' OF EXISTING SIGN IN RURAL AREAS. FOR PROPOSED SIGNS IN CITY LIMITS, THE SIGNS SHALL BE PLACED SO THEY DO NOT INTERFERE WITH EXISTING SIGNS AND AS DIRECTED BY THE ENGINEER.

PLOT DATE = 6/22/2006
 PLOT TIME = 10:05:15 AM
 PLOT SCALE = 1" = 1000'
 USER NAME = sbmshf

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	44
STA.	TO STA.			
FED. ROAD DIST. NO. 8		ILLINOIS		FED. AID PROJECT

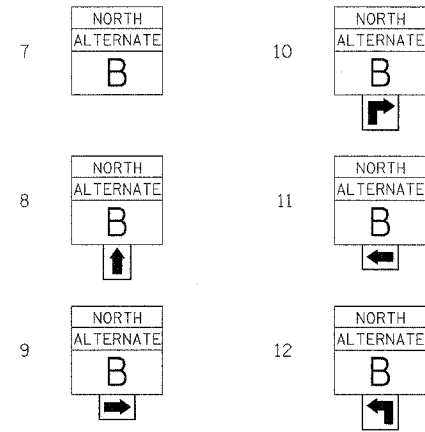
* [X1-(4,4-1,5,6,6-2)] R-1



NOT TO SCALE



PROPOSED SIGN KEY



- 3 — PROPOSED SIGN
- A — EXISTING SIGN

PLACE PROPOSED SIGN 200' OF THE EXISTING SIGN IN RURAL AREAS. FOR PROPOSED SIGNS IN CITY LIMITS, THE SIGNS SHALL BE PLACED SO THEY DO NOT INTERFERE WITH EXISTING SIGNS AND AS DIRECTED BY THE ENGINEER. SIGNS SHALL NOT BE PLACED ON EXISTING POSTS WITH EXISTING SIGNS.

EXISTING SIGN KEY

- A STATE ROUTE SIGN
- B MILEAGE SIGN
- C SPEED LIMIT SIGN
- D DIRECTIONAL STATE ROUTE SIGN
- E CROSS ROAD SIGN
- F I-57 DIRECTIONAL SIGN
- G NO PARKING SIGN
- H SOUTHERN BRANCH - LINCOLN HERITAGE TRAIL SIGN

NOTES:

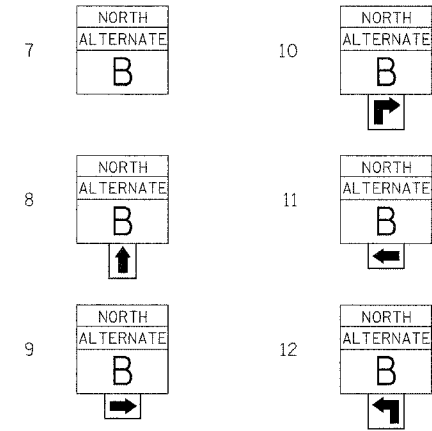
1. THE CONTRACTOR HAS THE OPTION OF USING METAL POSTS INSTEAD OF WOOD.
2. ALL SIGNS SHALL BE BLACK ON ORANGE. THE POSTS SHALL BE PLACED 12 FEET FROM THE EDGE OF PAVEMENT AS DIRECTED BY THE ENGINEER.
3. ALL SIGN HARDWARE REQUIRED TO INSTALL THE ALTERNATE ROUTE SIGNING SHALL BE INCLUDED IN COST OF SIGN PANEL TYPE 1.
4. SIGNS SHALL BE REMOVED ON COMPLETION OF THE CONTRACT AT THE DIRECTION OF THE ENGINEER. THIS WORK SHALL BE COMPLETED ACCORDING TO SECTION 724 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR. THE SIGNS AND POSTS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
5. ALTERNATE A = ILL. RTE. 13 AND ILL. RTE. 148.
6. THE RELOCATING, MAINTENANCE OR REPLACEMENT OF SIGNS SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.
7. EXACT SIGN PLACEMENT WILL BE DETERMINED BY THE ENGINEER.
8. THE DISTRICT 9 OPERATIONS ENGINEER SHALL BE CONTACTED 10 DAYS PRIOR TO THE ERECTION OF SIGNS.

PLOT DATE = 6/22/2006
 FILE NAME = c:\p\proj\98948\98948.dwg
 USER NAME = shonahf

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	45
STA. _____ TO STA. _____				
FED. ROAD DIST. NO. _____ ILLINOIS		FED. AID PROJECT		

* [X1-(4,4-1,5,6,6-2)] R-1

PROPOSED SIGN KEY



3 — PROPOSED SIGN
 A — EXISTING SIGN

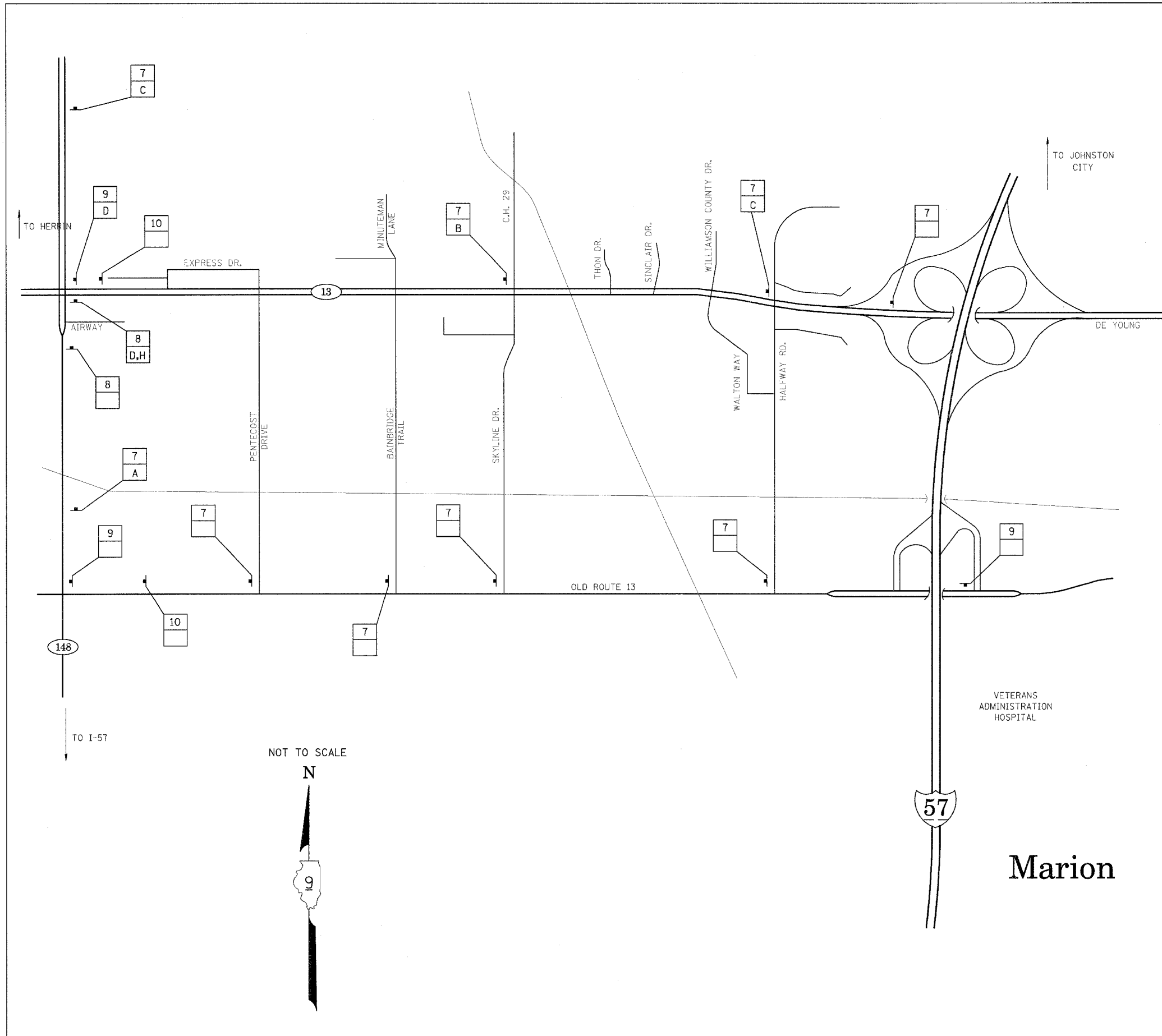
PLACE PROPOSED SIGN 200' OF THE EXISTING SIGN IN RURAL AREAS. FOR PROPOSED SIGNS IN CITY LIMITS, THE SIGNS SHALL BE PLACED SO THEY DO NOT INTERFERE WITH EXISTING SIGNS AND AS DIRECTED BY THE ENGINEER. SIGNS SHALL NOT BE PLACED ON EXISTING POSTS WITH EXISTING SIGNS.

EXISTING SIGN KEY

- A STATE ROUTE SIGN
- B MILEAGE SIGN
- C SPEED LIMIT SIGN
- D DIRECTIONAL STATE ROUTE SIGN
- E CROSS ROAD SIGN
- F I-57 DIRECTIONAL SIGN
- G NO PARKING SIGN
- H SOUTHERN BRANCH - LINCOLN HERITAGE TRAIL SIGN

NOTES:

1. THE CONTRACTOR HAS THE OPTION OF USING METAL POSTS INSTEAD OF WOOD.
2. ALL SIGNS SHALL BE BLACK ON ORANGE. THE POSTS SHALL BE PLACED 12 FEET FROM THE EDGE OF PAVEMENT AS DIRECTED BY THE ENGINEER.
3. ALL SIGN HARDWARE REQUIRED TO INSTALL THE ALTERNATE ROUTE SIGNING SHALL BE INCLUDED IN COST OF SIGN PANEL TYPE 1.
4. SIGNS SHALL BE REMOVED ON COMPLETION OF THE CONTRACT AT THE DIRECTION OF THE ENGINEER. THIS WORK SHALL BE COMPLETED ACCORDING TO SECTION 724 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR. THE SIGNS AND POSTS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
5. ALTERNATE B = ILL. RTE. 148 AND ILL. RTE. 13
6. THE RELOCATING, MAINTENANCE OR REPLACEMENT OF SIGNS SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.
7. EXACT SIGN PLACEMENT WILL BE DETERMINED BY THE ENGINEER.
8. THE DISTRICT 9 OPERATIONS ENGINEER SHALL BE CONTACTED 10 DAYS PRIOR TO THE ERECTION OF SIGNS.



NOT TO SCALE

N

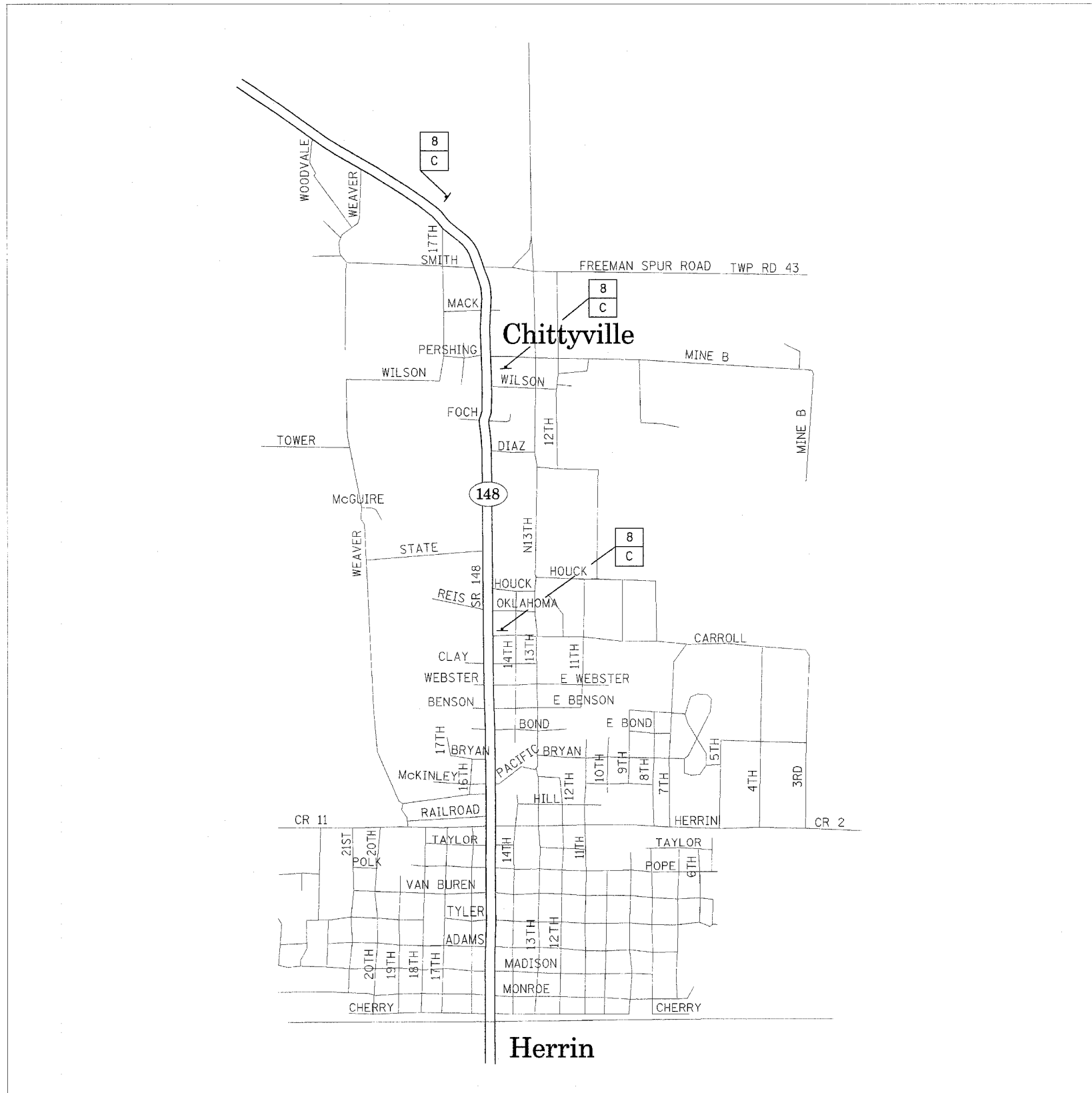


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 USER NAME = brennany

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	46
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		
* EX-1(-4,4-1,5,6,6-2) R-1				



NOT TO SCALE



PROPOSED SIGN KEY

7		10	
8		11	
9		12	

EXISTING SIGN KEY

- A STATE ROUTE SIGN
- B MILEAGE SIGN
- C SPEED LIMIT SIGN
- D DIRECTIONAL STATE ROUTE SIGN
- E COUNTY LINE SIGN
- F CITY/VILLAGE POPULATION SIGN
- G I-57 DIRECTIONAL SIGN

- PROPOSED SIGN
- EXISTING SIGN

PLACE PROPOSED SIGN WITHIN 200' OF EXISTING SIGN IN RURAL AREAS. FOR PROPOSED SIGNS IN CITY LIMITS, THE SIGNS SHALL BE PLACED SO THEY DO NOT INTERFERE WITH EXISTING SIGNS AND AS DIRECTED BY THE ENGINEER.





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 PLOT SCALE = 1" = 1000'
 USER NAME = thornash

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	48
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

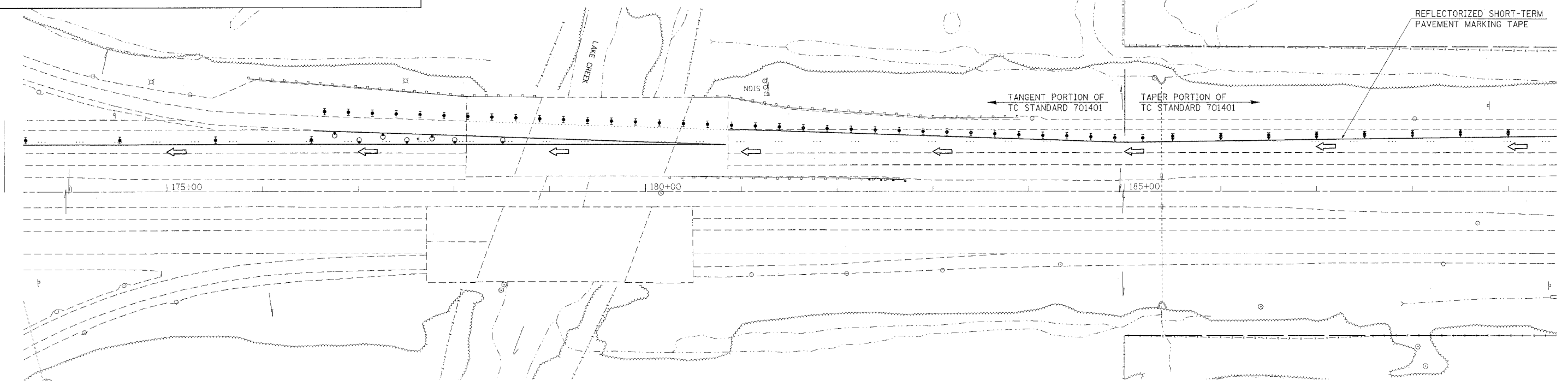
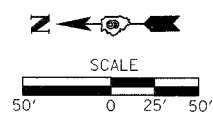
* [X1-(4,4-1,5,6,6-2)] R-1

DRIVING LANE CONSTRUCTION

LEGEND

-  DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  MAINLINE TRAFFIC FLOW
-  TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT

NOTES: THIS LAYOUT SHALL BE USED DURING DRIVING LANE CONSTRUCTION AT THE JOHNSTON CITY OVERPASS.
 TRAFFIC CONTROL STANDARDS 701401 AND 701411 SHALL BE USED DURING THIS STAGE OF CONSTRUCTION
 THE TANGENT SECTION REQUIRED FOR TC STANDARD 701401 SHALL BE EXTENDED THROUGH THE RAMP AREA TO APPROXIMATELY STATION 185+00



PLOT DATE = 8/18/2006
 FILE NAME = c:\pvc\pva\98948\98948.dwg
 USER NAME = shparrs

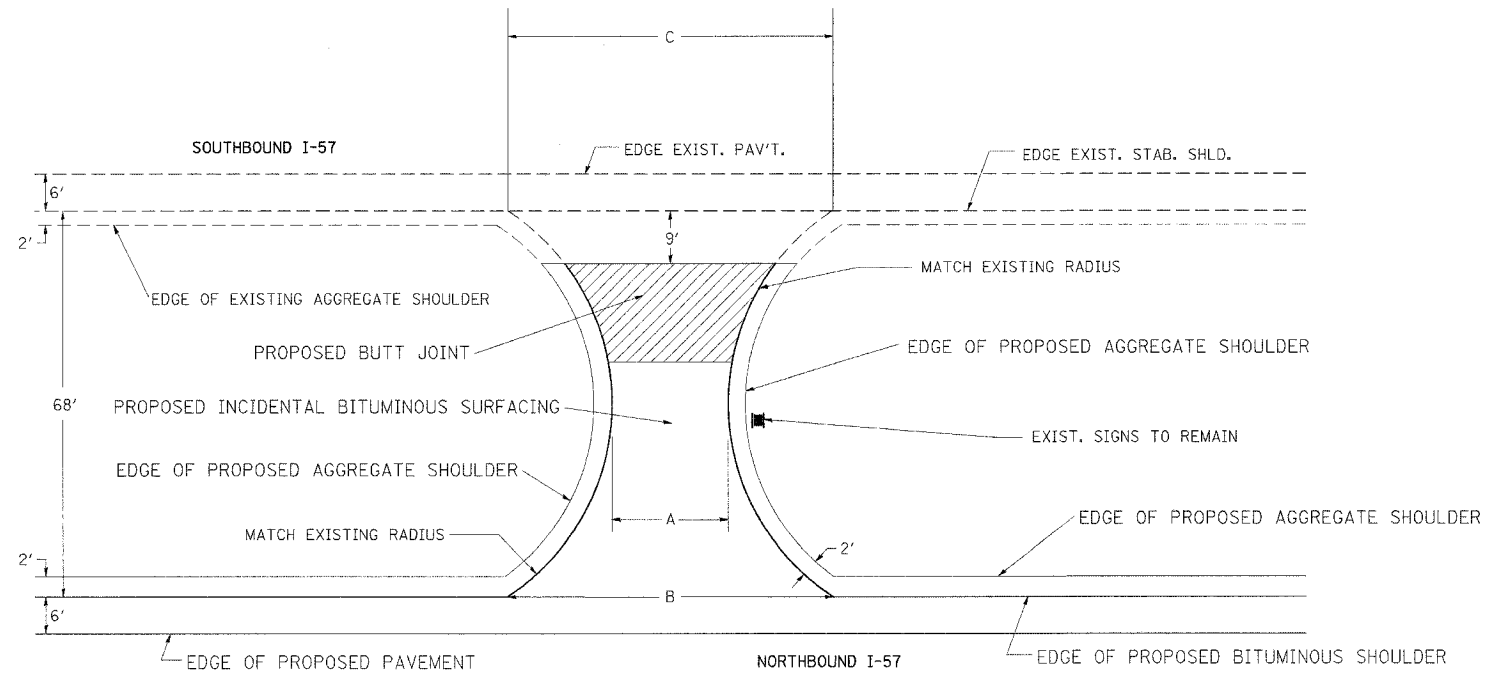
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	49
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

* [X1-(4,4-1,5,6,6-2)] R-1

DETAIL OF MEDIAN CROSSOVER PLAN VIEW

TO BE USED:

STATION	A (FOOT)	B (FOOT)	C (FOOT)
7+90	26.0	56.5	53.2
135+75	42.0	106.0	110.7
196+34	42.0	105.0	116.2
305+91	40.0	107.3	111.1
409+20	43.0	101.2	110.1

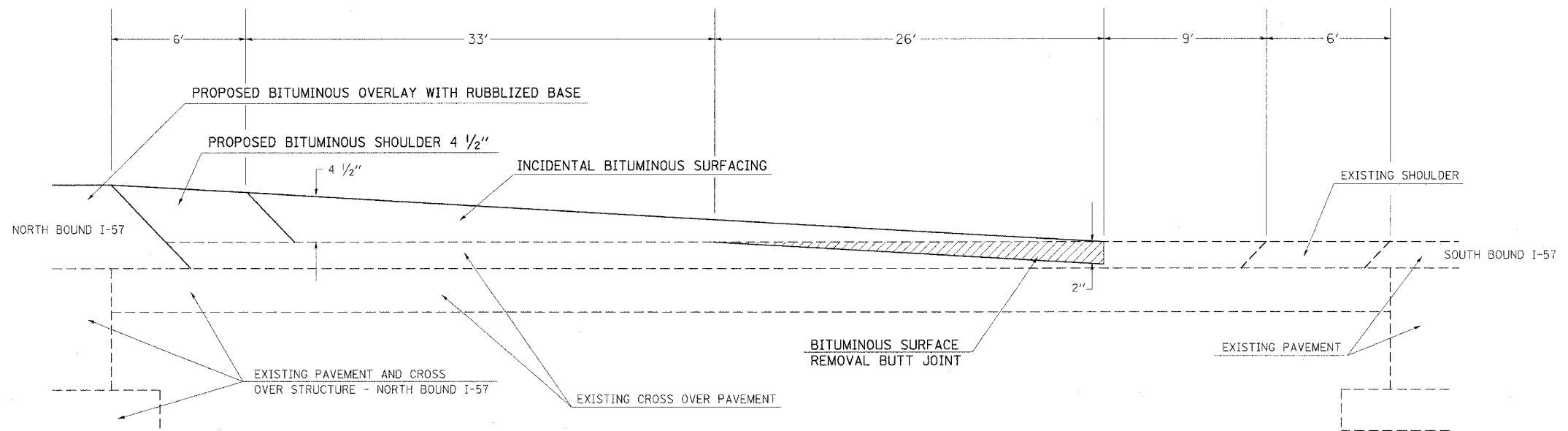


NOTES:

THE PROPOSED CROSSOVER SURFACE SHALL BE BUTTED TO 9' FROM THE EDGE OF THE RESURFACED STABILIZED SHOULDER.

THE THICKNESS OF THE INCIDENTAL BITUMINOUS SURFACING VARIES FROM 4 1/2" AT THE EDGE OF PROPOSED SHOULDER TO 2" THICK 9' FROM THE EDGE OF THE EXISTING SB SHOULDER.

DETAIL OF MEDIAN CROSSOVER CROSS SECTIONAL VIEW

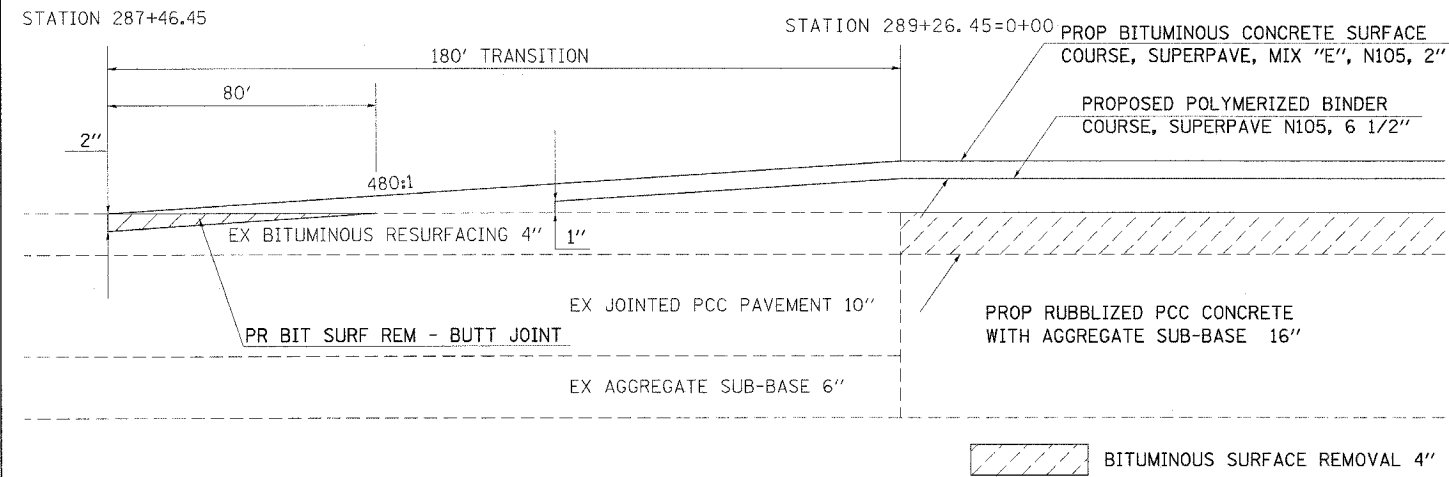


PLOT DATE = 8/22/2006
 PLOT TIME = 8:00:00 AM
 USER NAME = thomashf

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	50
STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT		

* [X1-(4,4-1,5,6,6-2)] R-1

BUTT-JOINT
(I-57 NORTHBOUND)

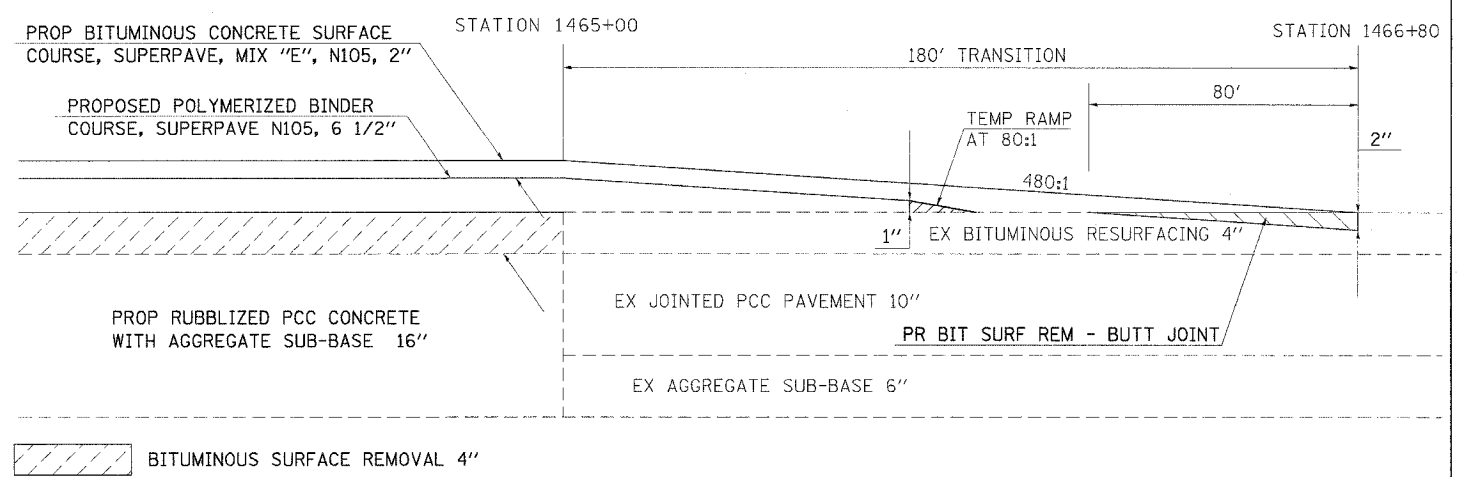


TO BE USED:
 ☉ STATION 287+46.45 TO STATION 289+26.45=0+00
 (BEGINNING OF PROJECT)

NOTES:

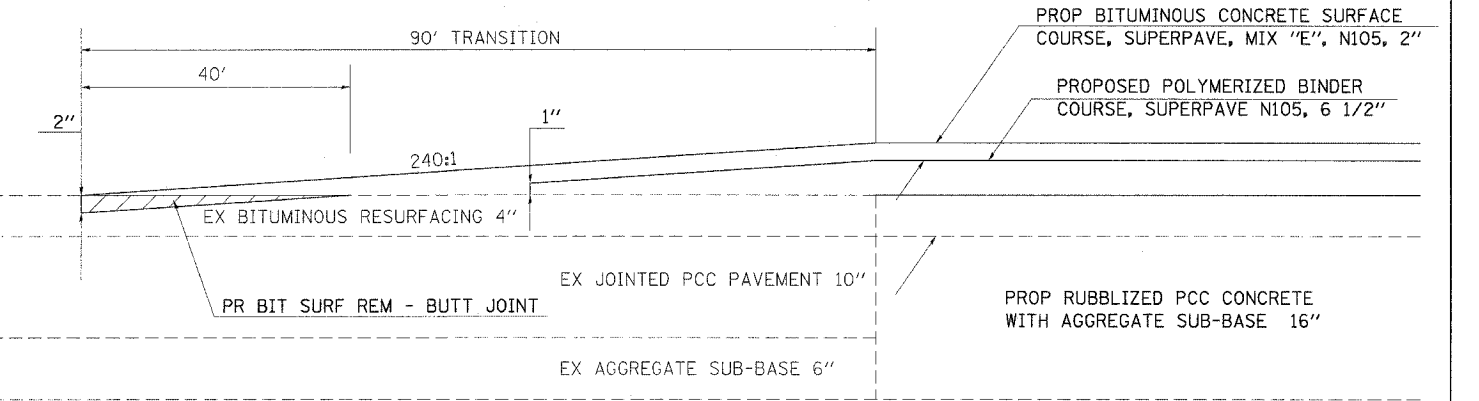
1. AT THE BUTT JOINT LOCATIONS INDICATED, SIMILAR BUTT JOINTS SHALL BE CONSTRUCTED IN THE ADJACENT EXISTING BITUMINOUS SHOULDERS. THIS WORK SHALL BE PAID FOR AS BITUMINOUS SURFACE REMOVAL - BUTT JOINT.
2. 480:1 TAPERS TO BE CONSTRUCTED USING STRING LINE GRADE CONTROL (SEE SPECIAL PROVISIONS)

BUTT-JOINT
(I-57 NORTHBOUND)



TO BE USED:
 ☉ STATION 1465+00 TO STATION 1466+80
 (END OF PROJECT)

BUTT-JOINT
(I-57 NORTHBOUND)
(FOR STAGING)



TO BE USED:
 ☉ STATION 152+10 TO STATION 153+00
 (JOHNSTON CITY ENTRANCE RAMP AREA)
 (ACTUAL LOCATION TO BE DETERMINED BY THE ENGINEER)

NOTES:

AT THE BUTT JOINT LOCATIONS INDICATED, SIMILAR BUTT JOINTS SHALL BE CONSTRUCTED IN THE ADJACENT EXISTING BITUMINOUS SHOULDERS. THIS WORK SHALL BE PAID FOR AS BITUMINOUS SURFACE REMOVAL - BUTT JOINT.

THIS BUTT-JOINT SHALL BE USED TO TRANSITION TRAFFIC DOWN TO EXISTING ELEVATION DURING CONSTRUCTION. THE TAPER AND BUTT-JOINT SHALL BE REMOVED DURING THE INSTALLATION OF THE NORTHERN SECTIONS OF THE PROJECT.

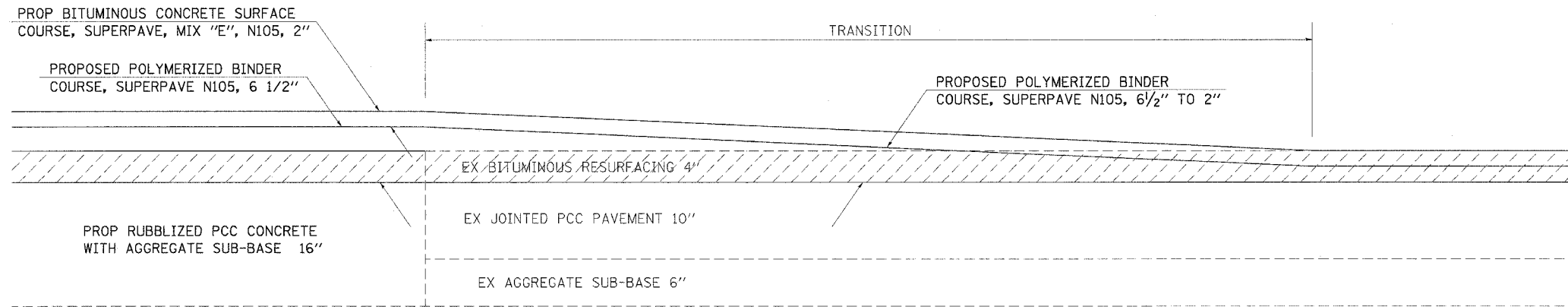
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 USER NAME = shope-dgd

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	51
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS	FED. AID PROJECT	

* EX1-(4,4-1.5,6,6-2) R-1

RESURFACING TRANSITION

I-57 NORTHBOUND
VARIOUS LOCATIONS



TO BE USED:

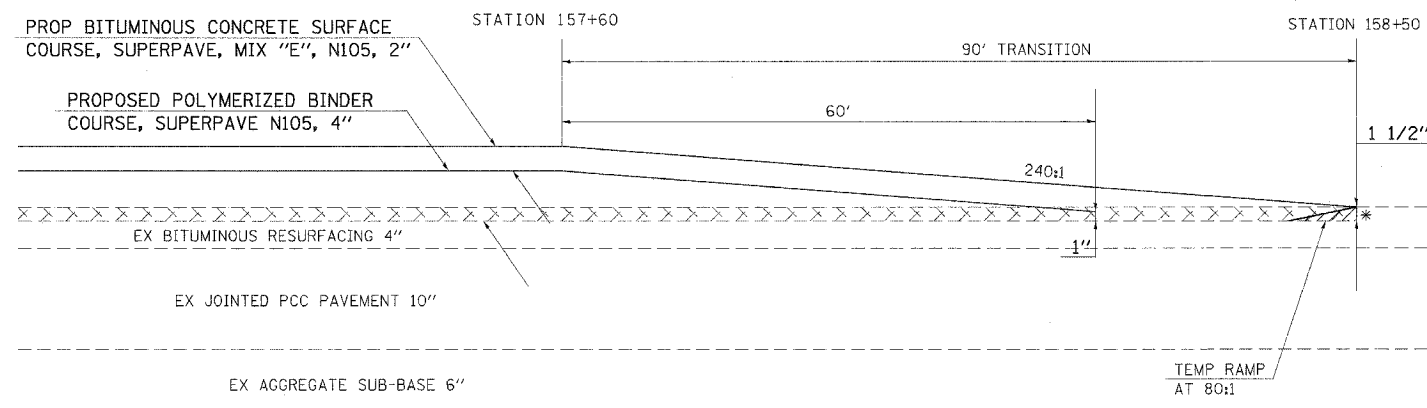
- STA 79+50 TO STA 81+50 AND STA 81+90 TO STA 83+70
- STA 163+40 TO STA 165+60
- STA 226+30 TO STA 231+50 *
- STA 253+10 TO STA 254+90 AND STA 255+25 TO STA 257+25
- STA 361+50 TO STA 363+40 AND STA 363+80 TO STA 365+30

BITUMINOUS SURFACE REMOVAL 4"

* OMISSION: STA 228+16.5 TO STA 229+15.0

RESURFACING TRANSITION

I-57 NORTHBOUND



* THE COST OF THIS SAWCUT SHALL BE INCLUDED IN THE COST OF THE BITUMINOUS SURFACE REMOVAL 1 1/2"

TO BE USED:

- MAINLINE STATION 157+60 TO MAINLINE STATION 158+50
- (I-57 ENTRANCE RAMP AT THE JOHNSTON CITY INTERCHANGE)

BITUMINOUS SURFACE REMOVAL 1 1/2"

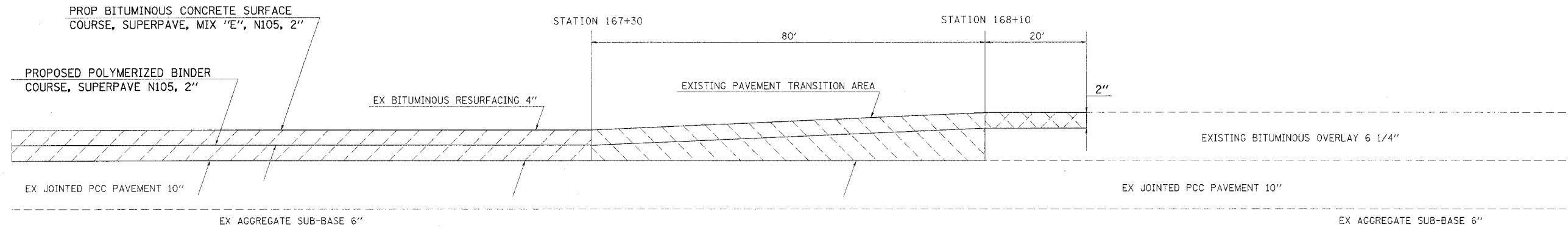
PLOT DATE = 8/18/2005
 PLOT SCALE = 50.0000"
 USER NAME = ahpardgd

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	52
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

* [X1-(4,4-1,5,6,6-2)] R-1

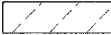
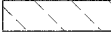

PAVEMENT TRANSITION & BUTT JOINT

I-57 NORTHBOUND



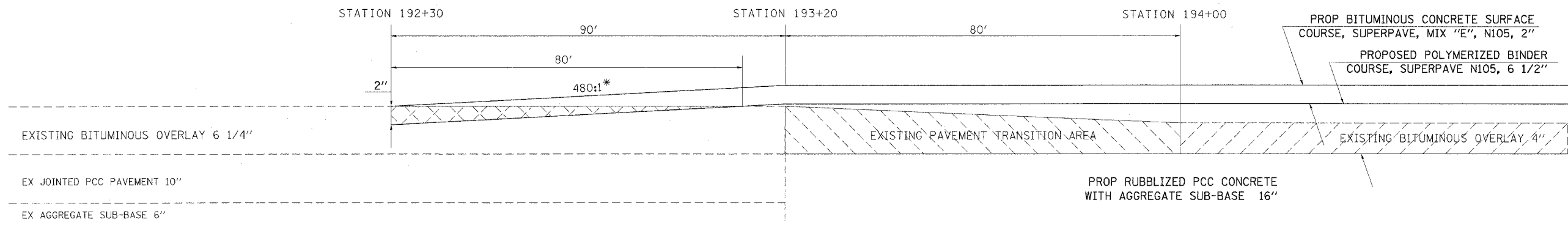
TO BE USED:

STATION 167+30 TO STATION 168+30
(BEGINNING OF OMISSION)

-  BITUMINOUS SURFACE REMOVAL 4"
-  BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)
-  BITUMINOUS SURFACE REMOVAL - BUTT JOINT

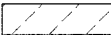
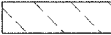

PAVEMENT TRANSITION & BUTT JOINT

I-57 NORTHBOUND



TO BE USED:

STATION 192+30 TO STATION 194+00
(END OF OMISSION)

-  BITUMINOUS SURFACE REMOVAL 4"
-  BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)
-  BITUMINOUS SURFACE REMOVAL - BUTT JOINT

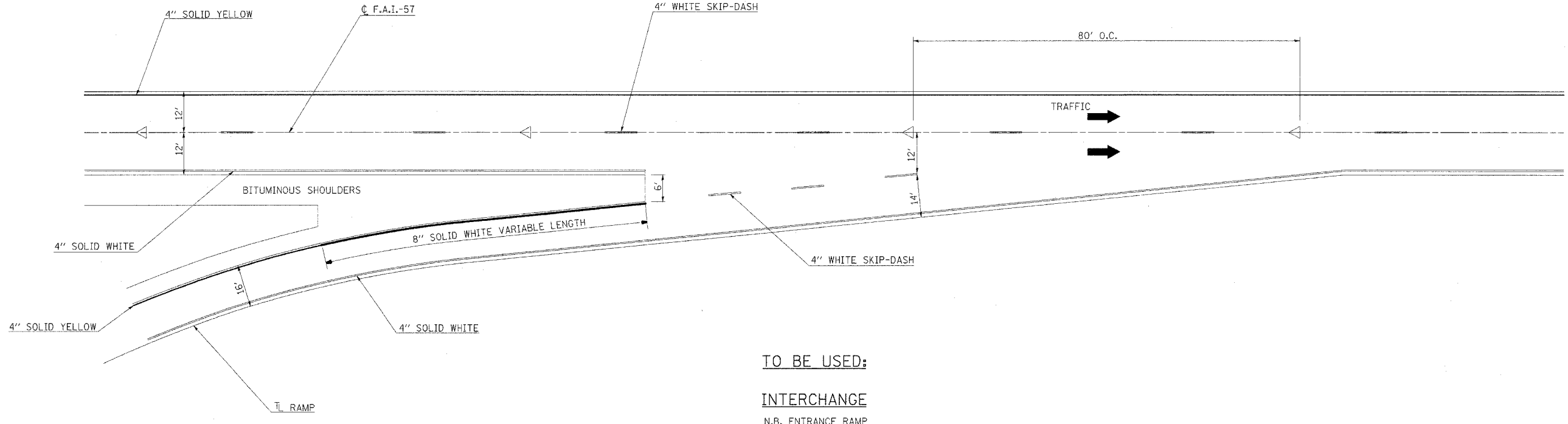
* NOTE: 480:1 TAPER TO BE CONSTRUCTED USING STRING LINE GRADE CONTROL

PLOT DATE = 8/18/2006
 FILE NAME = c:\proj\pav\98948\pav\98948.dwg
 USER NAME = shp\shp

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	53
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

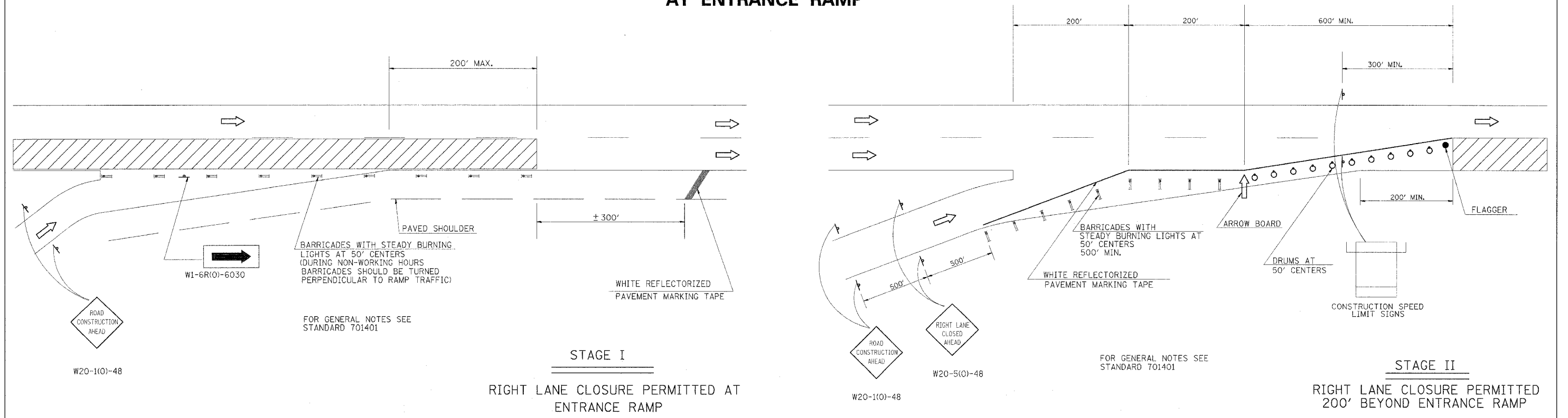
* CX1-(4,4-1,5,6,6-2) R-1

TYPICAL PAVEMENT MARKINGS AT ENTRANCE RAMP



TO BE USED:
INTERCHANGE
 N.B. ENTRANCE RAMP

DETAIL OF TRAFFIC CONTROL AT ENTRANCE RAMP



STAGE I
 RIGHT LANE CLOSURE PERMITTED AT
 ENTRANCE RAMP

STAGE II
 RIGHT LANE CLOSURE PERMITTED
 200' BEYOND ENTRANCE RAMP

FOR GENERAL NOTES SEE
 STANDARD 701401

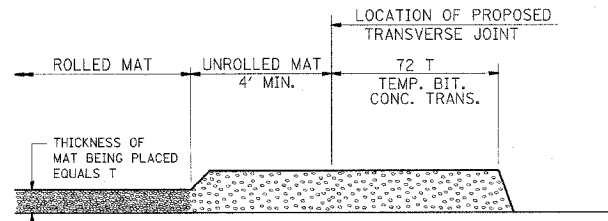
FOR GENERAL NOTES SEE
 STANDARD 701401

DETAILS: PAVEMENT MARKING AND TRAFFIC CONTROL ON ENTRANCE RAMP

PLOT DATE = 8/18/2006
 FILE NAME = 04101605.dwg
 USER NAME = sheppardg

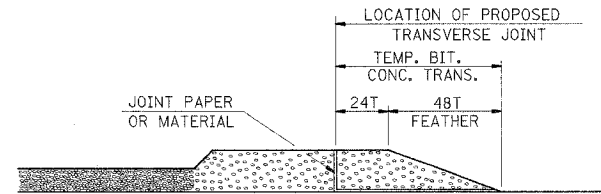
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	54
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* [X1-(4,4-1,5,6,6-2)] R-1				

TEMPORARY BITUMINOUS CONCRETE TRANSITIONS



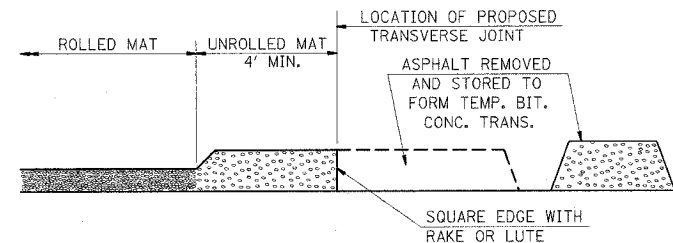
STEP I

1. PLACE BITUMINOUS MAT, LENGTH 36 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



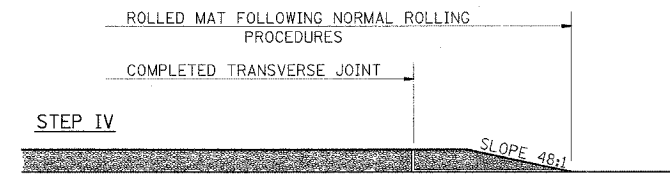
STEP III

1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP II

1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY BITUMINOUS CONCRETE TRANSITION.
2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.

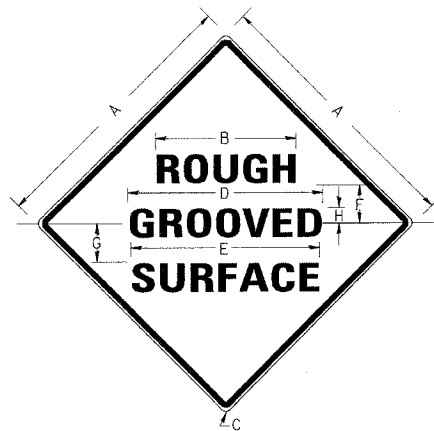


STEP IV

1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE BITUMINOUS MATERIAL BEING PLACED.

STD 9-26

ILLINOIS STANDARD W8-I106



COLORS:
LEGEND AND BORDER BLACK NON-REFLECTORIZED
BACKGROUND ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MAR- GIN	BOR- DER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-480

ALL DIMENSIONS IN INCHES

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

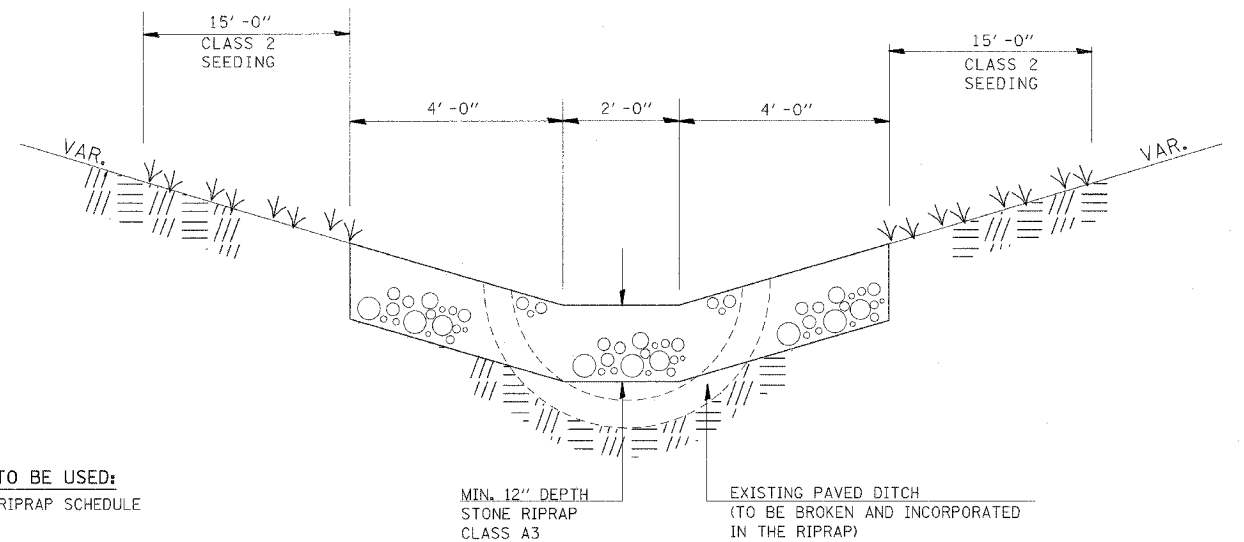
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

STD 9-39

REVISIONS	
REDRAWN	2-15-89
REVISED	4-6-93

DETAIL STONE RIPRAP DITCH

(ON EXISTING PAVED DITCH)



TO BE USED:
SEE RIPRAP SCHEDULE

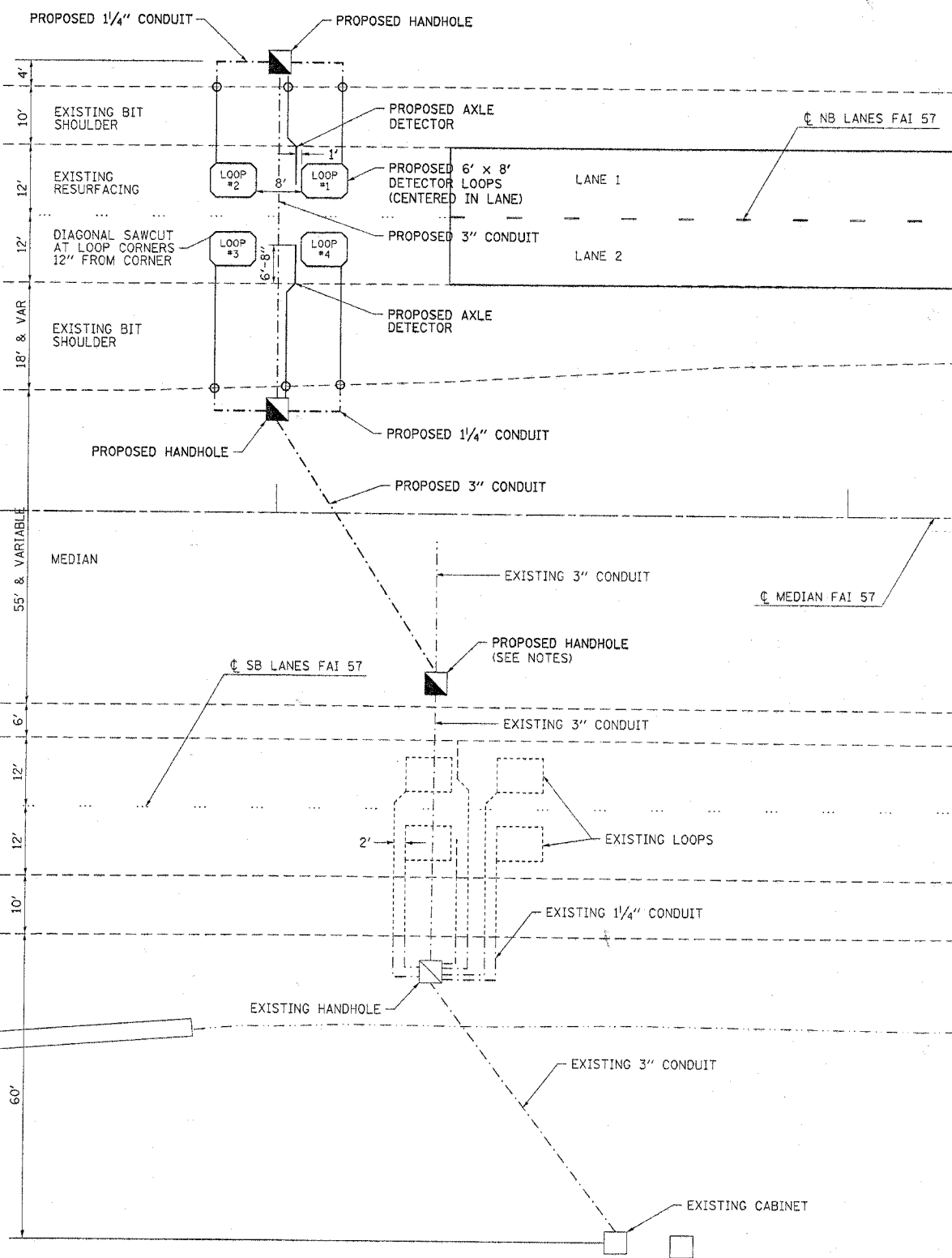
NOTES: THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON, FOR STONE RIPRAP DITCH, WHICH PRICE SHALL INCLUDE ALL MATERIAL LABOR AND EQUIPMENT TO COMPLETE THE WORK IN PLACE AS SHOWN AND DETAILED IN THE SPECIAL PROVISIONS. THE FINISHED SIDE SLOPES OF THE STONE RIPRAP DITCH SHALL MATCH THE EXISTING GRADE.

DETAILS: TEMP BIT CONC TRANSITION; ROUGH GROOVED SURFACE SIGN; STONE RIPRAP DITCH

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	55	55
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		
* [X1-(4,4-1,5,6,6-2)] R-1				

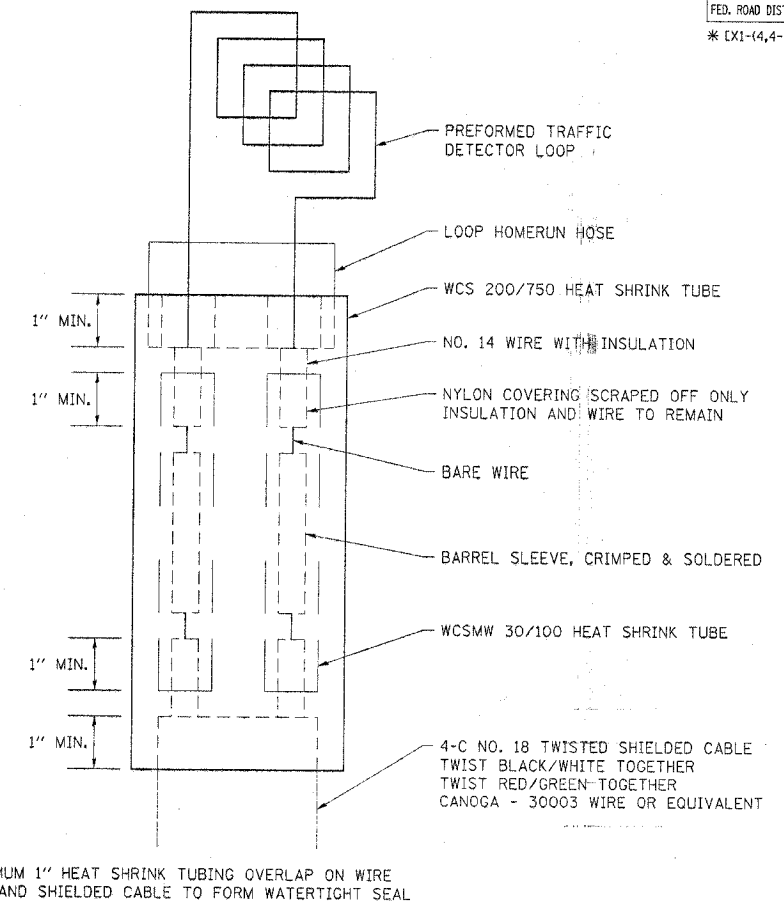
DETECTOR LOOP DETAIL

FAI 57 NB LANES
STATION 192+00



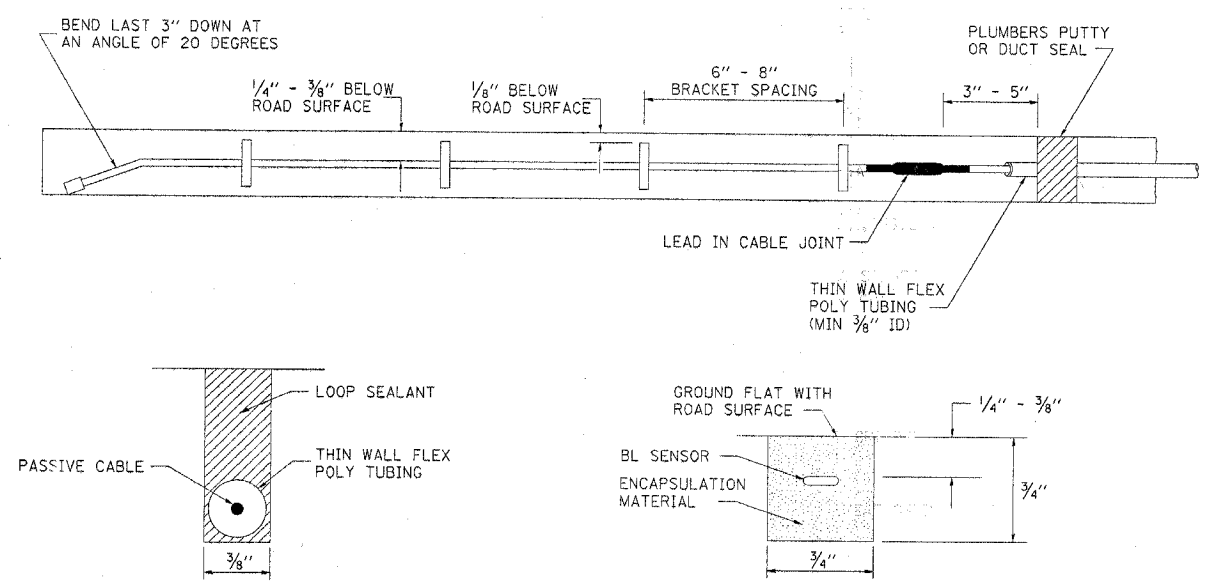
NOTES: THE EXISTING CONDUIT UNDER THE SB LANES SHALL BE LOCATED AND THE NEW HANDHOLE SHALL TIE INTO IT. THE EXISTING CONDUIT SHALL BE USED FOR THE NEW CABLE RUNS. THE COST OF LOCATING THE CONDUIT WILL BE INCLUDED IN THE COST OF THE HANDHOLE.

LOOP SPLICING DETAIL



MINIMUM 1" HEAT SHRINK TUBING OVERLAP ON WIRE
PVC AND SHIELDED CABLE TO FORM WATERTIGHT SEAL

AXLE DETECTOR DETAILS



THE PASSIVE CABLE SHALL BE PLACED IN A THIN WALL PLASTIC TUBE FOR ADDITIONAL PROTECTION.

TYPICAL CROSS SECTION OF A BL SENSOR INSTALLATION

PLOT DATE = 8/18/2008
 FILE NAME = c:\projects\98948\98948.dwg
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = stephens