

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	1

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

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4 - 6

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

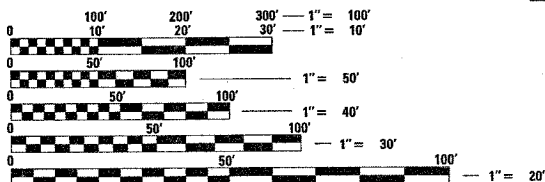
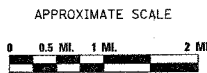
TRAFFIC DATA

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.

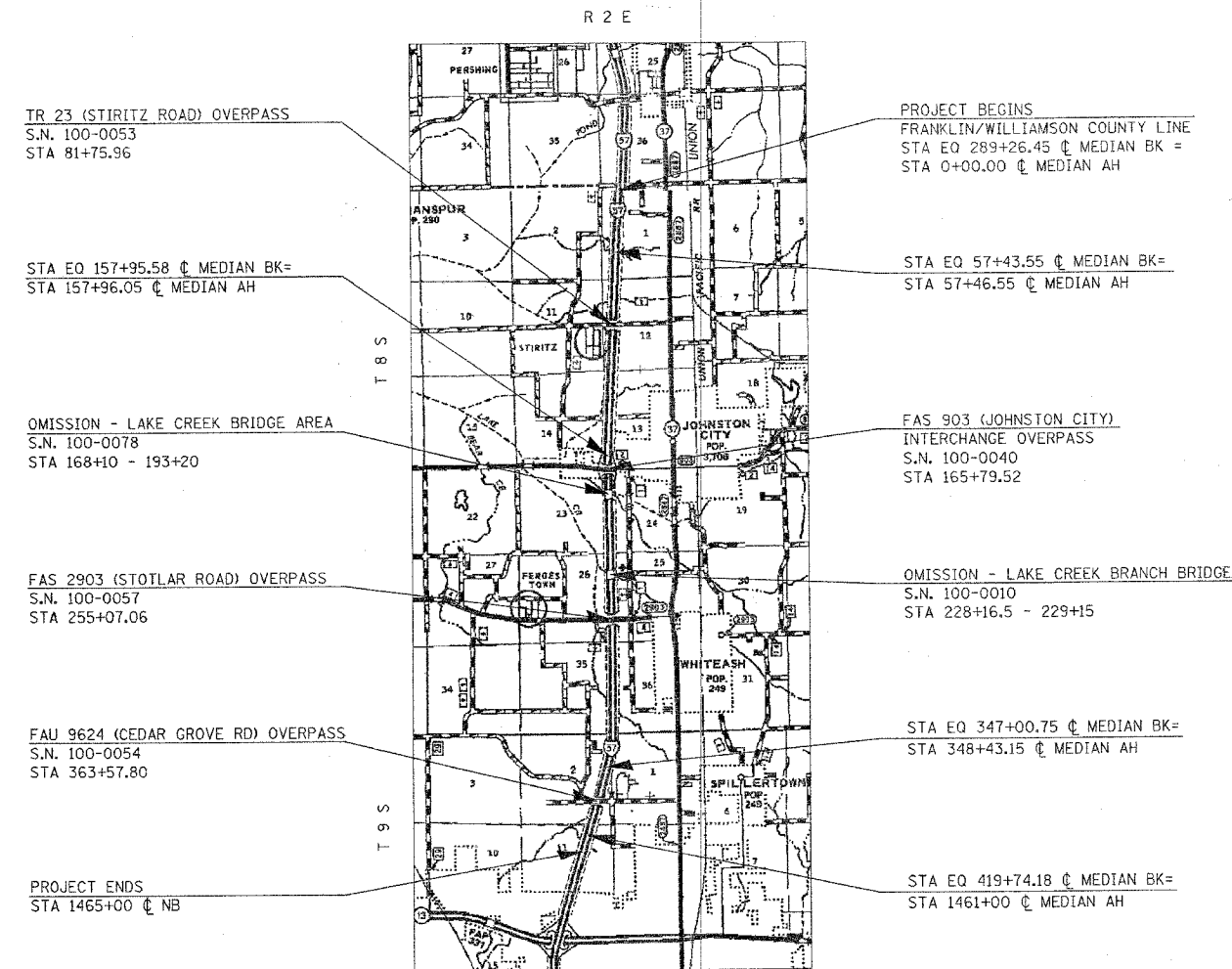
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123 or www.julie1call.com

CONTRACT NO. 98948

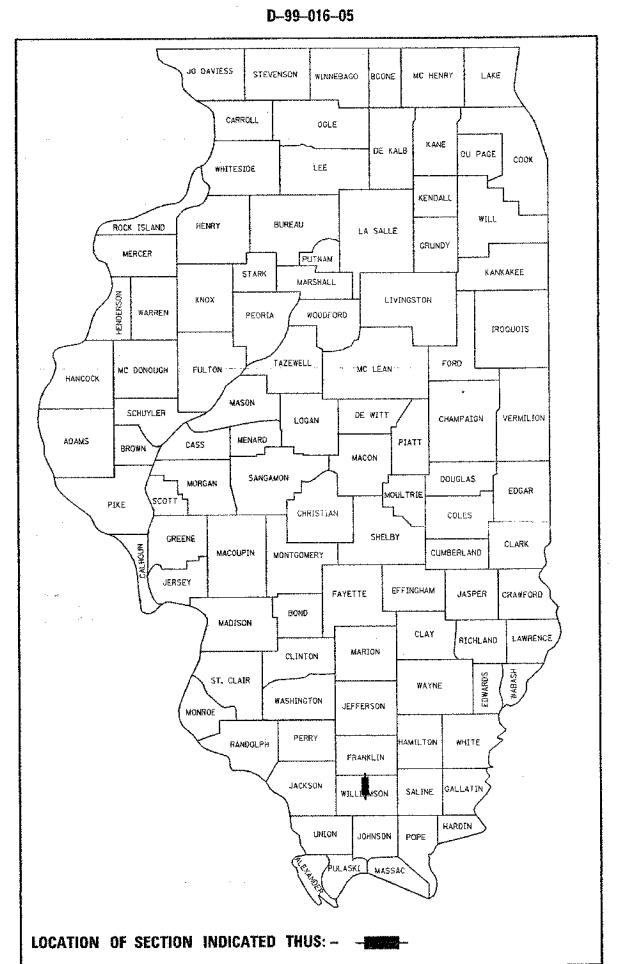
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**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



GROSS LENGTH OF PROJECT = 42,228.31 FT = 7.998 MILES (NB)
NET LENGTH OF PROJECT = 39,619.81 FT = 7.504 MILES (NB)



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 30 2006

Mary C. Romo
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 12, 20 06
Mike Stone
ENGINEER IN CHARGE, DESIGN AND ENVIRONMENT

May 12, 20 06
Milton R. Sen, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

PROJECT ENGINEER: CHARLES STEIN
SQUAD LEADER: TERRI MILLER
(618) 549-2171
CENTREX 782-4554

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	2
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		
* EX1-4,4-1,5,6,6-2J R-1				

INDEX OF SHEETS

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30	I-57 JOHNSTON CITY INTERCHANGE PLAN SHEET
31	PLAN AND PROFILE SHEET TR 23 (STIRITZ ROAD) OVERPASS
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34	PLAN AND PROFILE SHEET FAS 2903 (STOTLAR ROAD) OVERPASS
35	PLAN AND PROFILE SHEET FAU 9624 (CEDAR GROVE ROAD) OVERPASS
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48 - 52	STAGING PLAN SHEETS
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54	DETAIL: MEDIAN CROSSOVER RESURFACING
55	DETAILS: BUTT JOINTS
56	DETAILS: BUTT JOINTS AND TRAFFIC CONTROL ON RAMPS
57	DETAILS: PAVEMENT MARKING AT ENTRANCE RAMPS
58	DETAILS: TEMPORARY BITUMINOUS CONCRETE TRANSITIONS, UNEVEN LANE SIGN, ROUGH GROOVED SURFACE SIGN, STONE RIPRAP DITCH
59	DETAILS: DETECTOR LOOPS, LOOP SPLICING, AXLE DETECTOR
60	DETAIL: ALTERNATE ROUTE SIGNING
	HIGHWAY STANDARDS

HIGHWAY STANDARDS

000001-04	701101-01
280001-02	701106-01
	701400-02
482001	701401-03
	701402-05
601001	701411-03
601101	702001-06
	704001-02
	701426-02
630001-06	720006
631026-02	720011
631033-01	
635001	
635006-02	780001-01
635011-01	781001-02
642001	814001

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:	<i>Joe P. ...</i> DISTRICT STUDIES & PLANS ENGINEER
Examined By:	<i>James ...</i> DISTRICT LAND ACQUISITION ENGINEER
Examined By:	<i>Coni ...</i> DISTRICT PROGRAM DEVELOPMENT ENGINEER
Examined By:	<i>...</i> DISTRICT OPERATIONS ENGINEER
Examined By:	<i>...</i> DISTRICT CONSTRUCTION ENGINEER
Examined By:	<i>...</i> DISTRICT MATERIALS ENGINEER
Examined By:	<i>...</i> DISTRICT PROJECT IMPLEMENTATION ENGINEER
Examined By:	<i>...</i> ASSISTANT REGIONAL ENGINEER
Approved By:	<i>Mark C. ...</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
	DATE: <i>March 30</i> 2006

PLOT DATE: 3/30/2006
 FILE NAME: ...
 USER NAME: ...

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	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. ALL SUBSEQUENT LAYERS OF BITUMINOUS BINDER SHALL BE PRIMED AT THE RATES SHOWN.

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).

REVISE THE FIRST SENTENCE OF ARTICLE 107.09 PUBLIC CONVIENIENCE AND SAFETY TO THE FOLLOWING "THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 14 DAYS IN ADVANCE OF STARTING ANY CONSTRUCTION WORK. THIS ADDITIONAL INFORMATION IS REQUIRED SO THAT THE PUBLIC CAN BE NOTIFIED OF THE PENDING CONSTRUCTION."

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.

ALL TEMPORARY RAMPS SHALL BE CONSTRUCTED UTILIZING HOT MIX BITUMINOUS CONCRETE. NO COLD PATCH WILL BE ALLOWED.

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.

AT THE LOCATIONS INDICATED IN THE PLANS WHERE FULL DEPTH BITUMINOUS PAVEMENT MEETS EXISTING PAVEMENT A FULL DEPTH SAWCUT SHALL BE CONSTRUCTED. THIS SAWCUT WILL BE INCLUDED IN THE COST OF PAVEMENT REMOVAL OR SHOULDER REMOVAL.

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 DEPTH (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

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

COMMITMENTS

NONE

MIXTURE REQUIREMENTS

LOCATION(S):	POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE (BOTTOM LIFT) BITUMINOUS SHOULDERS 13 3/4" (BOTTOM LIFT) BITUMINOUS SHOULDERS 4 1/2" (BOTTOM LIFT)
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):	BITUMINOUS SHOULDERS, (TOP LIFT) BITUMINOUS CONCRETE SURFACE COURSE (TOP LIFT) INCIDENTAL BITUMINOUS SURFACING (MEDIAN CROSSOVERS) (TOP LIFT)
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 SHOULDER 12" (TOP LIFT)
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 SHOULDER (ALL LOWER LIFTS)
MIXTURE USE(S):	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N90, IL-19.0
AC/PG:	PG64-22
RAP % (MAX):	10
DESIGN AIR VOIDS:	4.0 %, 90 GYRATION SUPERPAVE DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0
FRICTION AGGREGATE:	NONE

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	4

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

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

SUMMARY OF QUANTITIES

SHEET 1 OF 3

CODE NUMBER	ITEM DESCRIPTION CONSTRUCTION TYPE CODE	90% FEDERAL / 10% STATE WILLIAMSON COUNTY		
		UNIT	TOTAL QUANTITY	ROADWAY I 000
78003135	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-LINE 6", SPECIAL	FOOT	10108	10108
X0300471	RUBBLIZING PORTLAND CEMENT CONCRETE PAVEMENT	SOYD	100035	100035
* X0300780	PIEZO ELECTRIC AXLE SENSOR CABLE IN CONDUIT	FOOT	465	465
X0322729	MATERIAL TRANSFER DEVICE	TON	52894	52894
X0322278	RODENT SHIELDS	EACH	8	8
* X0323014	ELECTRIC CABLE IN CONDUIT, CONOGA-30003	FOOT	840	840
* X0323015	PIEZO ELECTRIC AXLE SENSOR, CLASS II	FOOT	14	14
X4066540	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "E", N105	TON	12698	12698
X4066660	POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N105	TON	45254	45254
* X6330115	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL, REMOVE AND RELOCATE	EACH	2	2
* X6330200	VERTICAL ADJUSTMENT OF TRAFFIC BARRIER TERMINAL	EACH	3	3
* X0325412	REMOVE AND REPLACE STEEL PLATE BEAM GUARDRAIL, SPECIAL	FOOT	850	850
X7015000	CHANGEABLE MESSAGE SIGN	CAL MO	70	70
△ Z0030250	IMPACT ATTENUATOR TEMPORARY NON-REDIRECTABLE TL3	EACH	5	5
△ Z0030350	IMPACT ATTENUATOR RELOCATE NON-REDIRECTABLE TL3	EACH	5	5
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
31100100	SUB-BASE GRANULAR MATERIAL, TYPE A	TON	8006	8006
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	54139	54139
40600895	CONSTRUCTING TEST STRIP	EACH	2	2
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	4713	4713
40600990	TEMPORARY RAMP	SQ YD	1063	1063
40800040	INCIDENTAL BITUMINOUS SURFACING	TON	469	469
44000006	BITUMINOUS SURFACE REMOVAL 1 1/2"	SQ YD	1609	1609
44000011	BITUMINOUS SURFACE REMOVAL 4"	SQ YD	101425	101425
44000100	PAVEMENT REMOVAL	SQ YD	5624	5624
44004250	PAVED SHOULDER REMOVAL	SQ YD	5201	5201

* SPECIALTY ITEM
 △ INDICATES CONSTRUCTION TYPE CODE SFTY-3N

PLOT DATE = 4/17/2006
 PLOT SCALE = 50.0000' / IN.
 USER NAME = bboomerf

Rev.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	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

SHEET 2 OF 3

CODE NUMBER	ITEM DESCRIPTION CONSTRUCTION TYPE CODE	90% FEDERAL / 10% STATE WILLIAMSON COUNTY		
		UNIT	TOTAL QUANTITY	ROADWAY I 000
48101200	AGGREGATE SHOULDERS, TYPE B	TON	5106	5106
48202000	BITUMINOUS SHOULDERS SUPERPAVE	TON	19656	19656
48202875	BITUMINOUS SHOULDERS SUPERPAVE 13 3/4"	SQ YD	3748	3748
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	8	8
60107600	PIPE UNDERDRAINS 4"	FOOT	3370	3370
60108100	PIPE DRAINS 4" (SPECIAL)	FOOT	168	168
* 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	DELINATOR REMOVAL	EACH	40	40
64200105	SHOULDER RUMBLE STRIP	FOOT	84179	84179
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	15	15
67100100	MOBILIZATION	L SUM	1	1
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	5	5
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1	1
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	15859	15859
70300220	TEMPORARY PAVEMENT MARKING-LINE 4"	FOOT	5934	5934
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	271	271
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	111	111
70400100	TEMPORARY CONCRETE BARRIER	FOOT	3212.5	3212.5
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	3212.5	3212.5
72000100	SIGN PANEL - TYPE 1	SQ FT	101.8	101.8
72900110	METAL POST - TYPE A	EACH	10	10
78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	80231	80231
78003140	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"	FOOT	271	271
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	500	500
* 78200420	GUARDRAIL MARKERS, TYPE B	EACH	38	38
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4
78300100	PAVEMENT MARKING REMOVAL	SQ FT	702	702

* SPECIALTY ITEM

PLOT DATE = 4/17/2006
 FILE NAME = c:\p\projects\98948\98948.dwg
 PLOT SCALE = 1/8" = 1' / IN.
 USER NAME = thomasr

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* CX1-(4,4-1,5,6,6-2)J R-1				

SUMMARY OF QUANTITIES

SHEET 3 OF 3

CODE NUMBER	ITEM DESCRIPTION CONSTRUCTION TYPE CODE	90% FEDERAL / 10% STATE WILLIAMSON COUNTY		
		UNIT	TOTAL QUANTITY	ROADWAY I 000
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	473	473
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

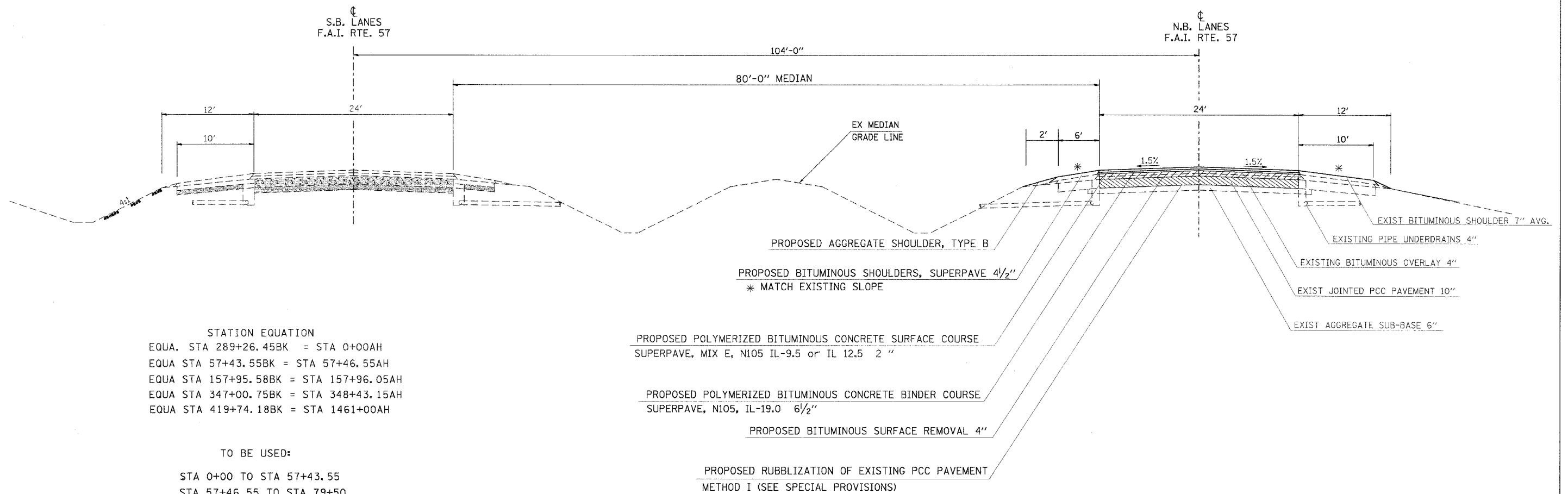
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	7
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* [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)



STATION EQUATION
 EQUA. STA 289+26.45BK = STA 0+00AH
 EQUA STA 57+43.55BK = STA 57+46.55AH
 EQUA STA 157+95.58BK = STA 157+96.05AH
 EQUA STA 347+00.75BK = STA 348+43.15AH
 EQUA STA 419+74.18BK = STA 1461+00AH

TO BE USED:
 STA 0+00 TO STA 57+43.55
 STA 57+46.55 TO STA 79+50
 STA 83+70 TO STA 157+95.58
 STA 157+96.05 TO STA 163+40
 STA 193+20 TO STA 226+30
 STA 231+50 TO STA 253+10
 STA 257+25 TO STA 347+00.75
 STA 348+43.15 TO STA 361+50
 STA 365+30 TO STA 419+74.18
 STA 1461+00 TO STA 1465+00

PROPOSED POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE
 SUPERPAVE, MIX E, N105 IL-9.5 or IL 12.5 2"

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

PROPOSED BITUMINOUS SURFACE REMOVAL 4"

PROPOSED RUBBLIZATION OF EXISTING PCC PAVEMENT
 METHOD I (SEE SPECIAL PROVISIONS)

LEGEND

	PCC PAVEMENT
	AGGREGATE SUB-BASE
	BITUMINOUS SURFACE REMOVAL
	RUBBLIZED PAVEMENT

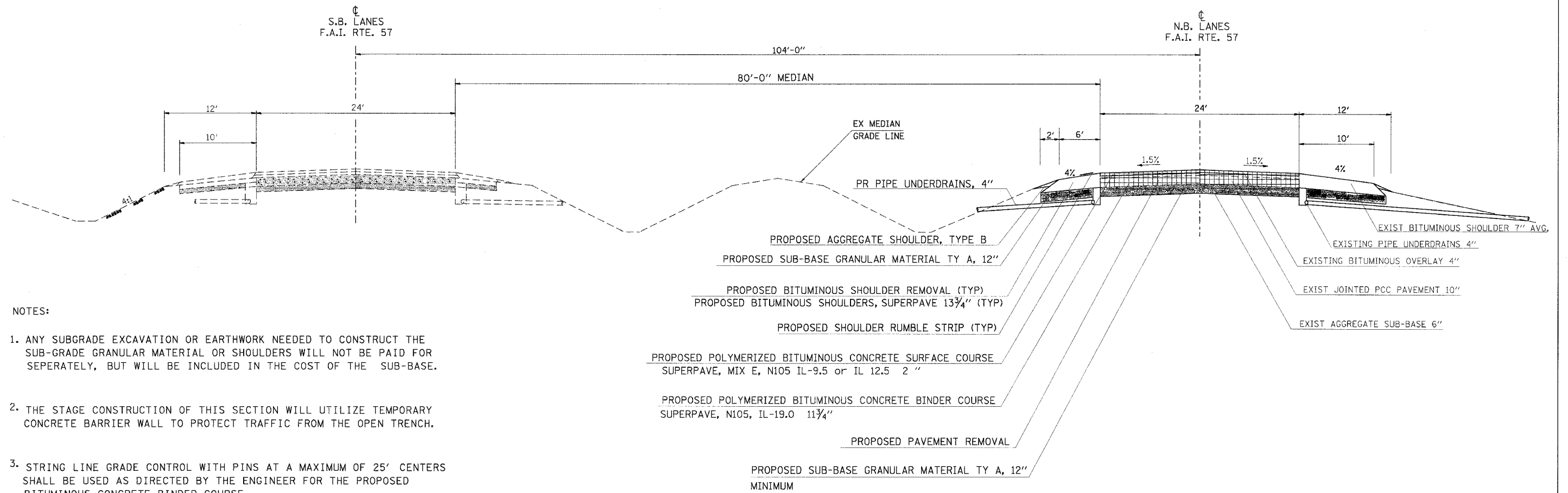
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 USER NAME = ahepar-dgd

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

* CX1-(4,4-1.5,6,6-2) R-1

TYPICAL SECTION #2 PAVEMENT REPLACEMENT ON I-57 UNDER THE OVERPASSES

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



NOTES:

1. ANY SUBGRADE EXCAVATION OR EARTHWORK NEEDED TO CONSTRUCT THE SUB-GRADE GRANULAR MATERIAL OR SHOULDERS WILL NOT BE PAID FOR SEPERATELY, BUT WILL BE INCLUDED IN THE COST OF THE SUB-BASE.
2. THE STAGE CONSTRUCTION OF THIS SECTION WILL UTILIZE TEMPORARY CONCRETE BARRIER WALL TO PROTECT TRAFFIC FROM THE OPEN TRENCH.
3. STRING LINE GRADE CONTROL WITH PINS AT A MAXIMUM OF 25' CENTERS SHALL BE USED AS DIRECTED BY THE ENGINEER FOR THE PROPOSED BITUMINOUS CONCRETE BINDER COURSE.

NOMINAL THICKNESS FOR EACH LIFT OF BINDER SHALL BE AS FOLLOWS:	
<u>11 3/4" BINDER</u>	
1st LIFT	5" (MAX.)
2nd LIFT	3 3/4"
3rd LIFT	3"

- TO BE USED:**
- STA 79+50 TO 83+70 TR23 (STIRITZ ROAD OVERPASS)
 - STA 163+40 TO 168+10 FAS 903 (JOHNSTON CITY INTERCHANGE OVERPASS OMISSION)
 - STA 168+10 TO 193+20 (LAKE CREEK BRIDGE OMISSION)
 - STA 226+30 TO 228+16.5 (LAKE CREEK BRANCH BRIDGE APPROACH)
 - STA 228+16.5 TO STA 229+15 (LAKE CREEK BRANCH BRIDGE OMISSION)
 - STA 229+15 TO STA 231+50 (LAKE CREEK BRANCH BRIDGE APPROACH)
 - STA 253+10 TO 257+25 CH 4 (STOTLAR ROAD OVERPASS)
 - STA 361+50 TO 365+30 TR 241 (CEDAR GROVE OVERPASS)

LEGEND

- AGGREGATE SUB-BASE
- PAVEMENT REMOVAL - (SAW CUTS INCIDENTAL)

PLOT DATE = 3/30/2005
 PLOT SCALE = 5/8" = 1' / IN.
 USER NAME = miller-10

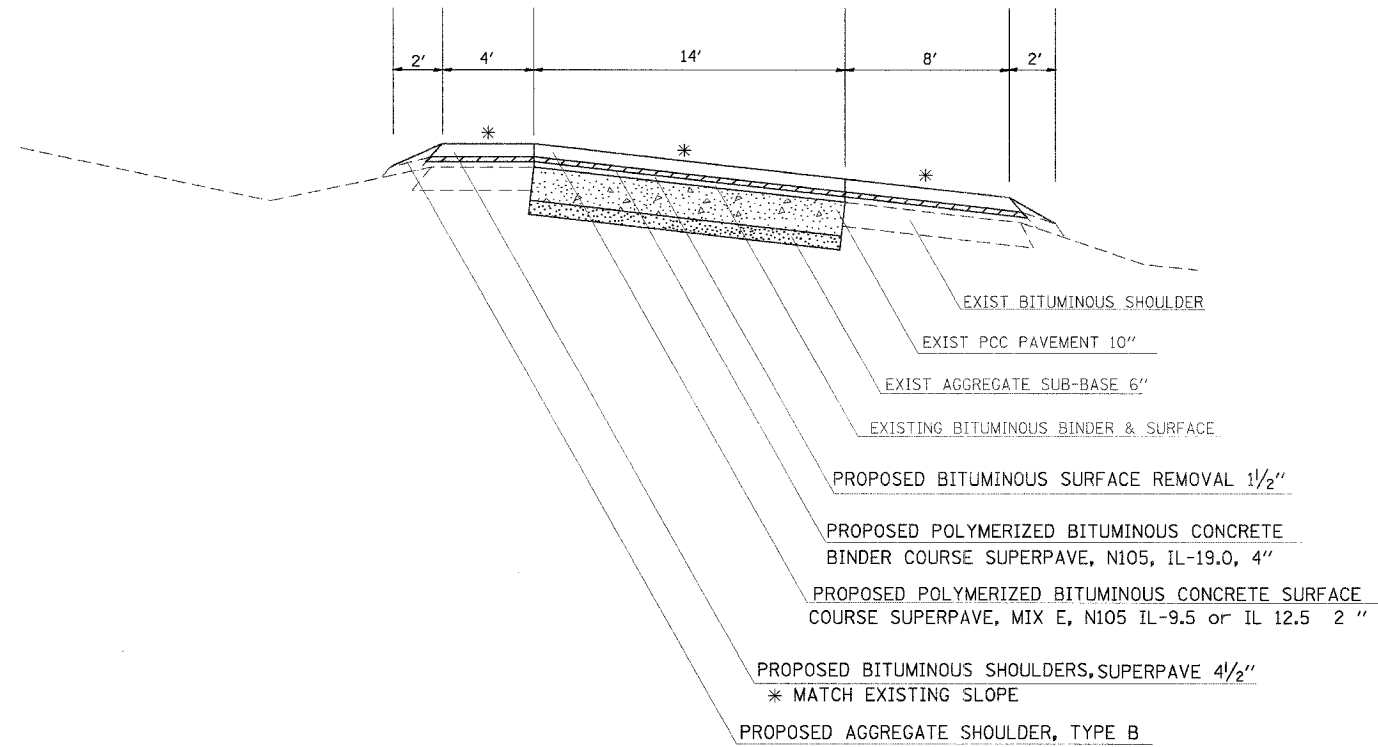
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

TYPICAL SECTION #3 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 = 3/30/2006
PLOT SCALE = 5/8" = 1' / IN.
USER NAME = miller

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	10
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* [X1-(4,4-1,5,6,6-2)] R-1				

RESURFACING AND SHOULDER SCHEDULE (I-57 NORTHBOUND)

LOCATION STATION TO STATION	RUBBLIZE PCC PAVEMENT	POLYMERIZED BIT CONCRETE BINDER COURSE	POLYMERIZED BIT CONCRETE SURFACE COURSE	PAVEMENT REMOVAL	PAVED SHOULDER REMOVAL	SUB-BASE GRANULAR MATERIAL, TYPE A	BITUMINOUS MATERIALS PRIME COAT	SHOULDERS		BITUMINOUS SHOULDERS 13 3/4"	BITUMINOUS SURFACE REMOVAL 1 1/2"	BITUMINOUS SURFACE REMOVAL 4"	SHOULDER RUMBLE STRIP	TEMPORARY RAMP	BIT SURFACE REMOVAL BUTT JOINT
								AGGREGATE TYPE B	BITUMINOUS (SUPERPAVE)						
	SQ YD	TONS	TONS	SQ YD	SQ YD	TONS	GAL	TONS	TONS	SQ YD	SQ YD	SQ YD	FOOT	SQ YD	SQ YD
NORTHBOUND															
287+46.45 TO 289+26.45		16	54				72	12	58				360	59	356
289+26.45 TO 0+00															
0+00 TO 57+43.55	15316	5826	1728				7454	727	2573			15529	11487		
57+43.55 TO 57+46.55															
57+46.55 TO 79+50	5876	2235	673				2868	279	987			5957	4407		89
79+50 TO 83+70		804	216	1120	1027	1595	953	54		747			1680	119	356
83+70 TO 157+95.58	19802	7532	2243				9645	940	3327			20077	14851		89
157+95.58 TO 157+96.05															
157+96.05 TO 163+40	1451	552	174				714	69	244			1471	1088		89
163+40 TO 168+10		883	186	1254	1149	1785	1022	60		836			1880	59	178
168+10 TO 193+20														74	444
193+20 TO 226+30	8827	6165	1006				4304	419	4120			8949	6620		89
226+30 TO 228+18		361	101	502	460	714	430	24		334			752	59	178
228+18 TO 229+15															
229+15 TO 231+50		448	115	627	621	893	529	30		418			940	59	178
231+50 TO 253+10	5760	2191	670				2819	274	968			5840	4320		178
253+10 TO 257+25		795	214	1107	1015	1576	943	53		738			1660	119	356
257+25 TO 347+00.75	23935	9105	2710				11657	1136	4022			24268	17952		89
347+00.75 TO 348+43.15															
348+43.15 TO 361+50	3485	1326	403				1704	166	586			3533	2614		89
361+50 TO 365+30		730	204	1014	929	1443	869	49		676			1520	119	356
365+30 TO 419+74.18	14518	5522	1647				7073	689	2439			14719	10888		89
419+74.18 TO 1461+00															
1461+00 TO 1465+00	1067	406	120				519	51	179			1081	800		
1465+00 TO 1466+80		16	54				72	12	58				360	89	356
JOHNSTON CITY ENTRANCE RAMP															
149+64.0 TO 155+79.0		266	133				154				1187				
155+79.0 TO 157+60.0		63	32				72	7	69						
157+60.0 TO 158+50.0		13	16				34	11	25			140		29	
TOTALS	100035	45254	12698	5624	5201	8006	53907	5063	19656	3748	1609	101425	84179	784	3556

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	11
STA.		TO STA.		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
* [X1-1,4,4-1,5,6,6-2] 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	
ADDITIONAL FOR TRAFFIC CONTROL															
PROJECT TOTALS:	739	938	783	850	3	2	1	3	3	134	5	33	4		
												38			

PLOT DATE = 4/17/2006
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 USER NAME = thomahf

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	12
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

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

PAVEMENT MARKING SCHEDULE (I-57 MAINLINE)

LOCATION STATION TO STATION	PREFORMED LINE 6" SKIP DASH WHITE FOOT	PREFORMED PAVEMENT MARKING			TEMPORARY PAVEMENT MARKING				SHORT TERM PAVEMENT MARKING (WHITE)		RAISED REFLECTIVE PAVEMENT MARKER REMOVAL EACH	RAISED REFLECTIVE PAVEMENT MARKERS EACH	PAVEMENT MARKING REMOVAL FOOT	WORK ZONE PAVEMENT MARKING REMOVAL SQ FT	
		LINE 4" SOLID WHITE FOOT	SOLID YELLOW FOOT	LINE 8" SOLID WHITE FOOT	LINE 4"		LINE 8"		SKIP DASH FOOT	EDGE FOOT					
					SOLID WHITE FOOT	SOLID YELLOW FOOT	SOLID WHITE FOOT	SOLID WHITE FOOT							
NB MAINLINE															
287+46.45 TO 289+26.45	45	180	180		180	45	180			16	14	2	2		10
289+26.45 TO 0+00										2089	230	72	72		
0+00 TO 57+43.55	1436	5744	5744												
57+43.55 TO 57+46.55															
57+46.55 TO 79+50	551	2203	2203							801	88	28	28		
79+50 TO 83+70	105	420	420		420	105	420			76	34		5	140	11
83+70 TO 157+95.58	1856	7426	7426							2700	297	93	93		
157+95.58 TO 157+96.05															
157+96.05 TO 163+40	136	544	544							198	22	7	7		
163+40 TO 168+10	118	470	470		470	118	470			85	38		6	157	13
168+10 TO 193+20															
193+20 TO 226+30	828	3310	3310							1204	132	41	41		
226+30 TO 228+17	47	187	187		187	47	187			34	15		2	62	5
228+17 TO 229+15															
229+15 TO 231+50	59	235	235		235	59	235			43	19		3	78	6
231+50 TO 253+10	540	2160	2160							785	86	27	27		
253+10 TO 257+25	104	415	415		415	104	415			75	33		5	138	11
257+25 TO 347+00.75	2244	8976	8976							3264	359	112	112		
347+00.75 TO 348+43.15															
348+43.15 TO 361+50	327	1307	1307							475	52	16	16		
361+50 TO 365+30	95	380	380		380	95	380			69	30		5	127	10
365+30 TO 419+74.18	1361	5444	5444							1980	218	68	68		
419+74.18 TO 1461+00															
1461+00 TO 1465+00	100	400	400							145	16	5	5		
1465+00 TO 1466+80	45	180	180		180	45	180			16	14	2	2		10
JOHNSTON CITY ENTRANCE RAMP															
151+25.0 TO 155+79.0	114					114				83					28
155+79.0 TO 158+50.0		271			271						22				7
	10108	40251	39980		271	271	730	2467		271	14139	1720	473	500	702
			80231				5934				15859				111

NOTES:
 RAMP MARKING QUANTITY REFLECTS ONE APPLICATION EACH OF SHORT TERM PAVEMENT MARKING AND TEMPORARY PAVEMENT MARKING.
 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL SHALL BE INCLUDED IN THE COST OF PAVEMENT REMOVAL WHERE APPLICABLE.

PLOT DATE = 4/17/2005
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 PLOT SCALE = 50,000 / IN.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	14
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

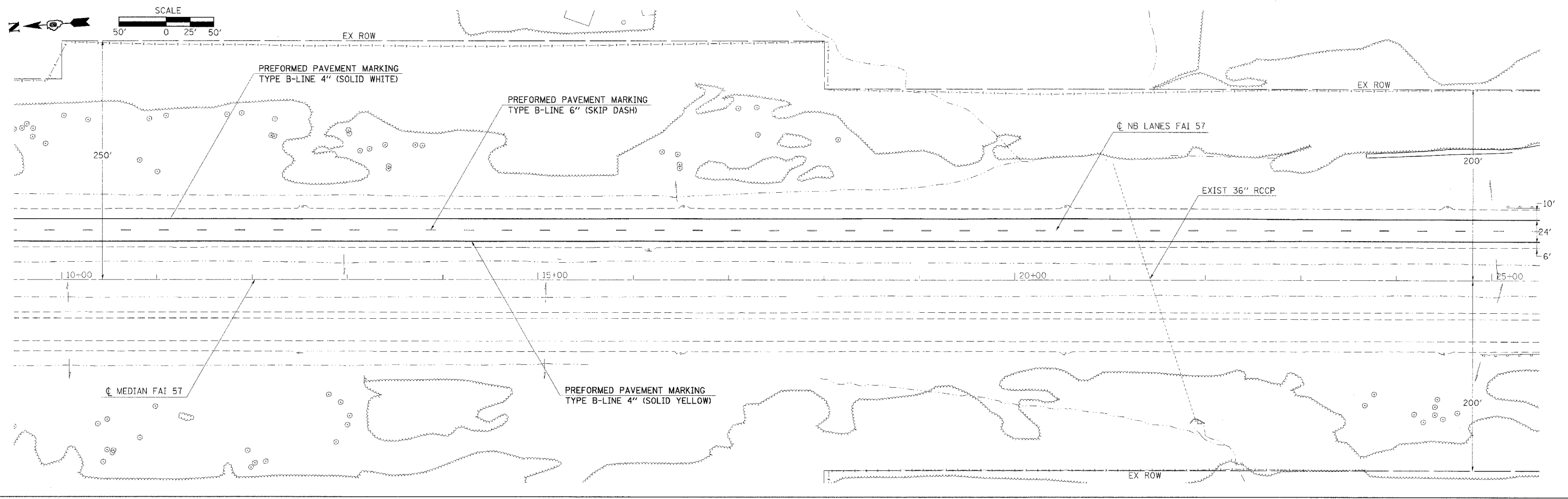
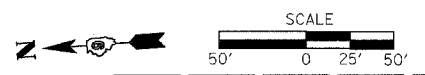
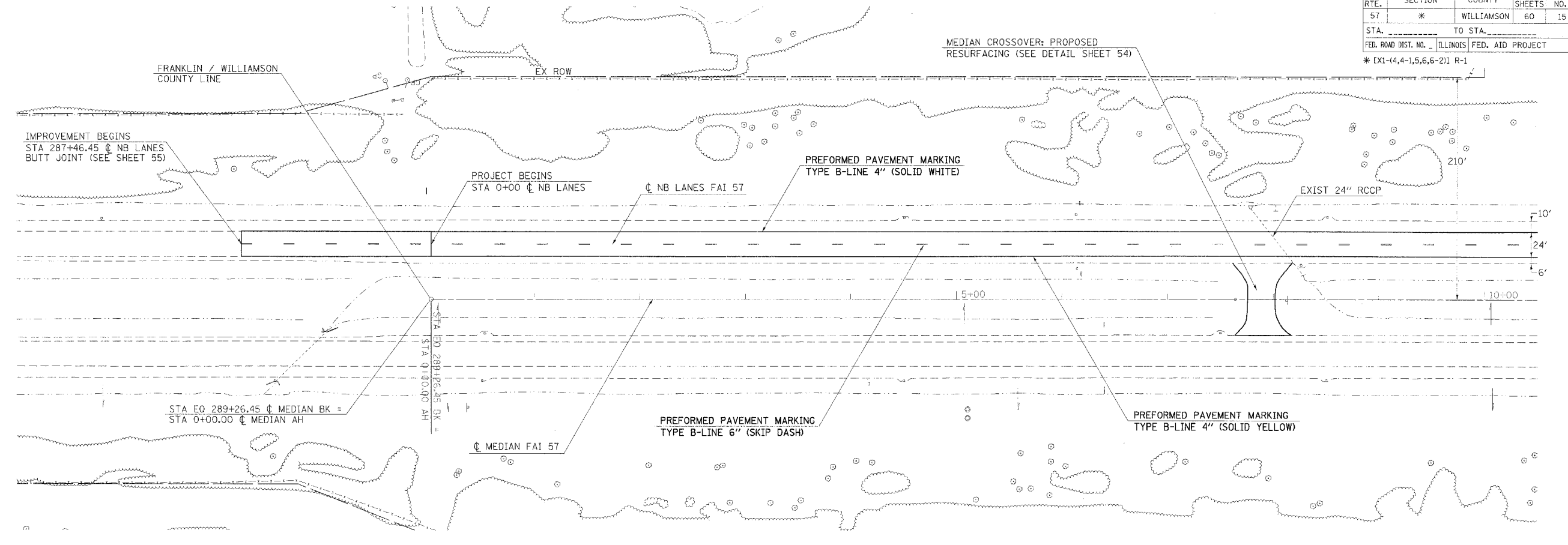
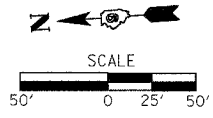
* [X1-(4,4-1,5,6,6-2)] R-1

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

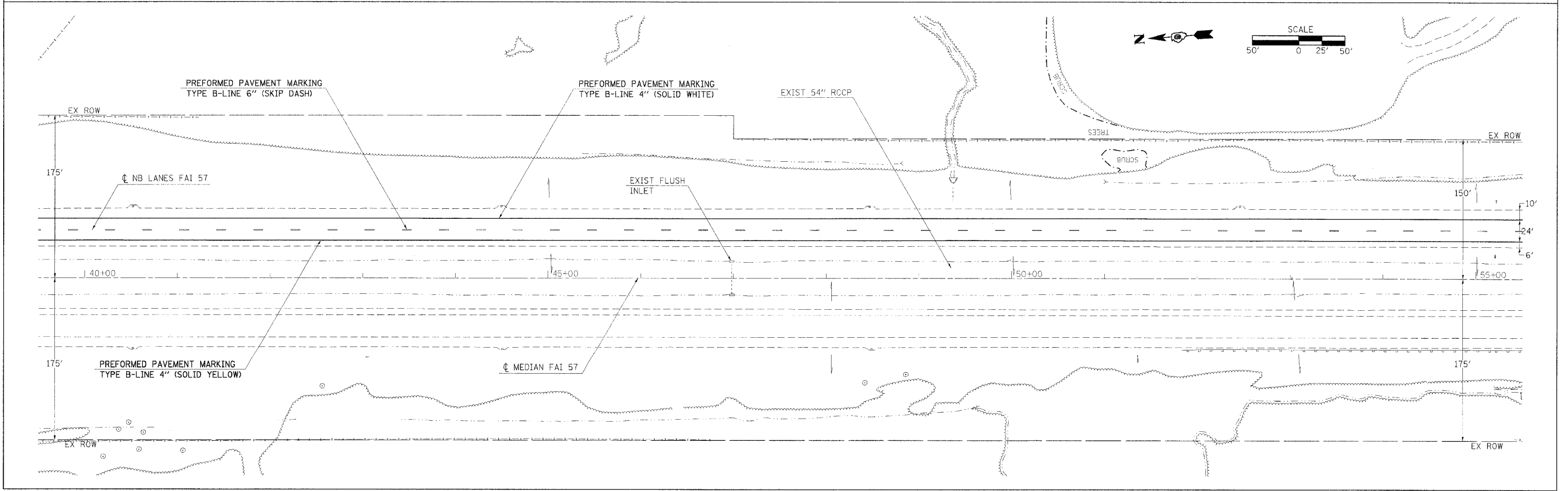
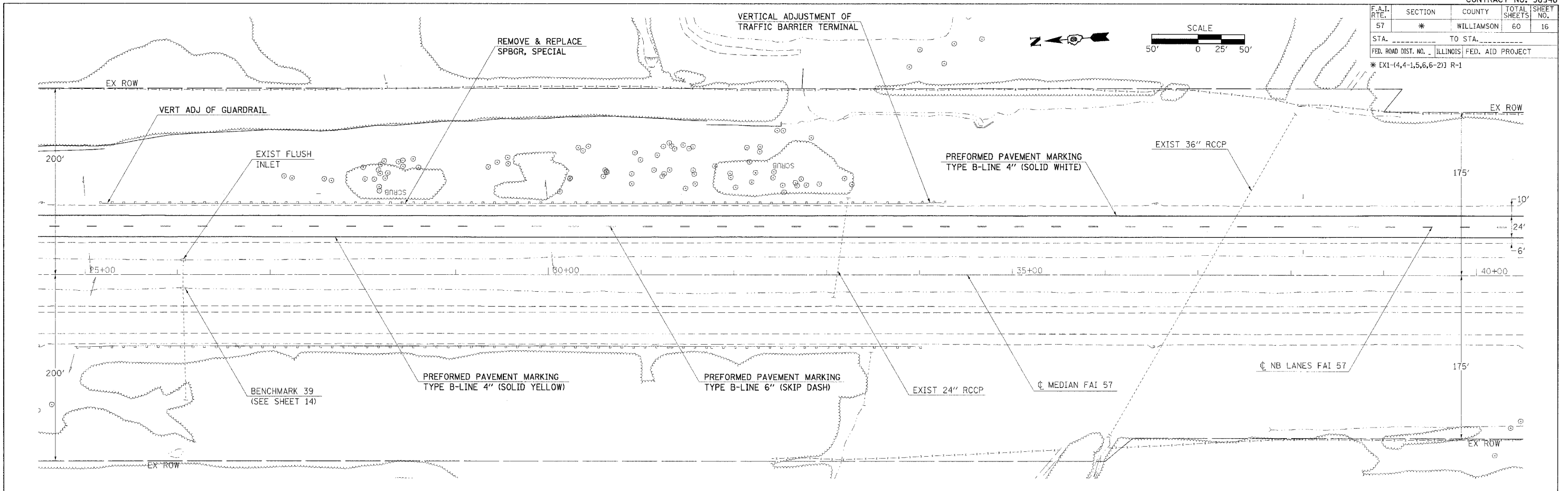
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 PLOT SCALE = 500000 / IN.
 USER NAME = shapara-dgd

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	15
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
* [X1-(4,4-1,5,6,6-2)] R-1				



PLOT DATE = 3/30/2006
 PLOT SCALE = 1/4"=100'
 USER NAME = shaper-dgd

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	16
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
* EX1-(4,4-1,5,6,6-2) R-1				

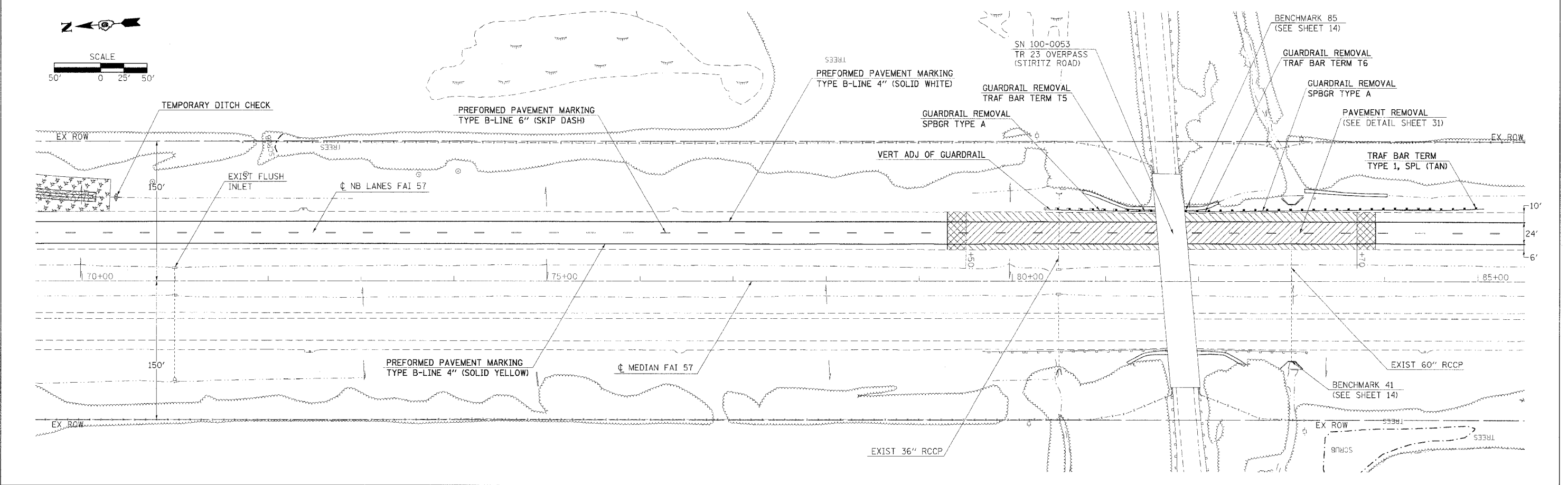
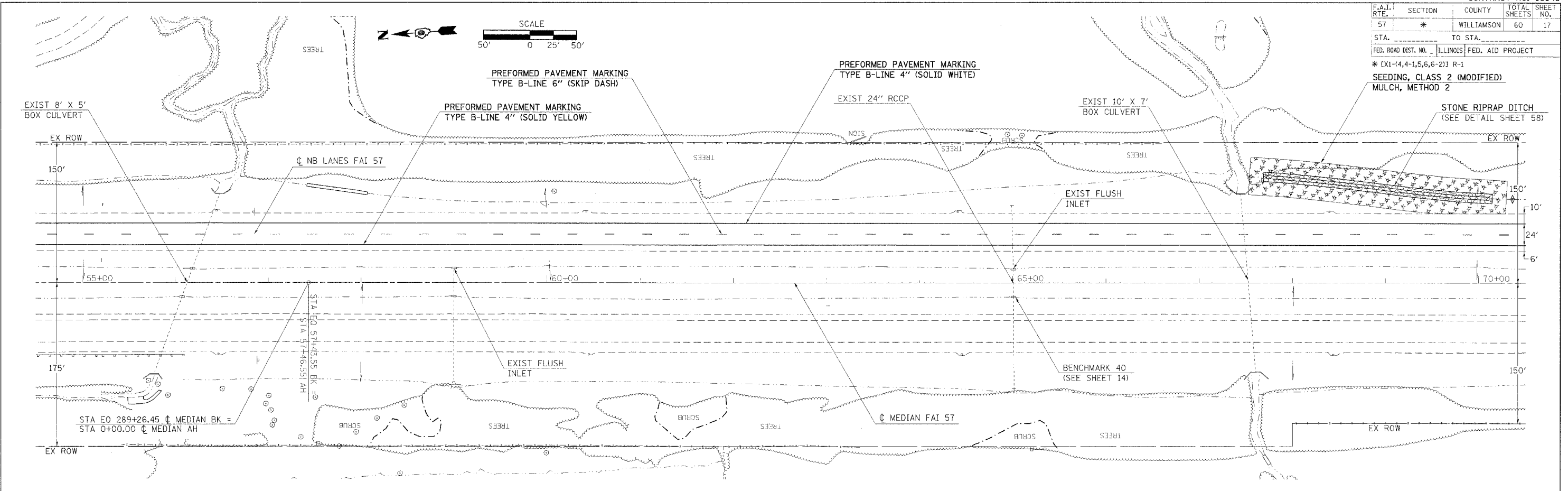


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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	17

STA. _____ TO STA. _____
 FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT
 * EX1-(4,4-1,5,6,6-2)J R-1

SEEDING, CLASS 2 (MODIFIED)
 MULCH, METHOD 2
 STONE RIPRAP DITCH (SEE DETAIL SHEET 58)

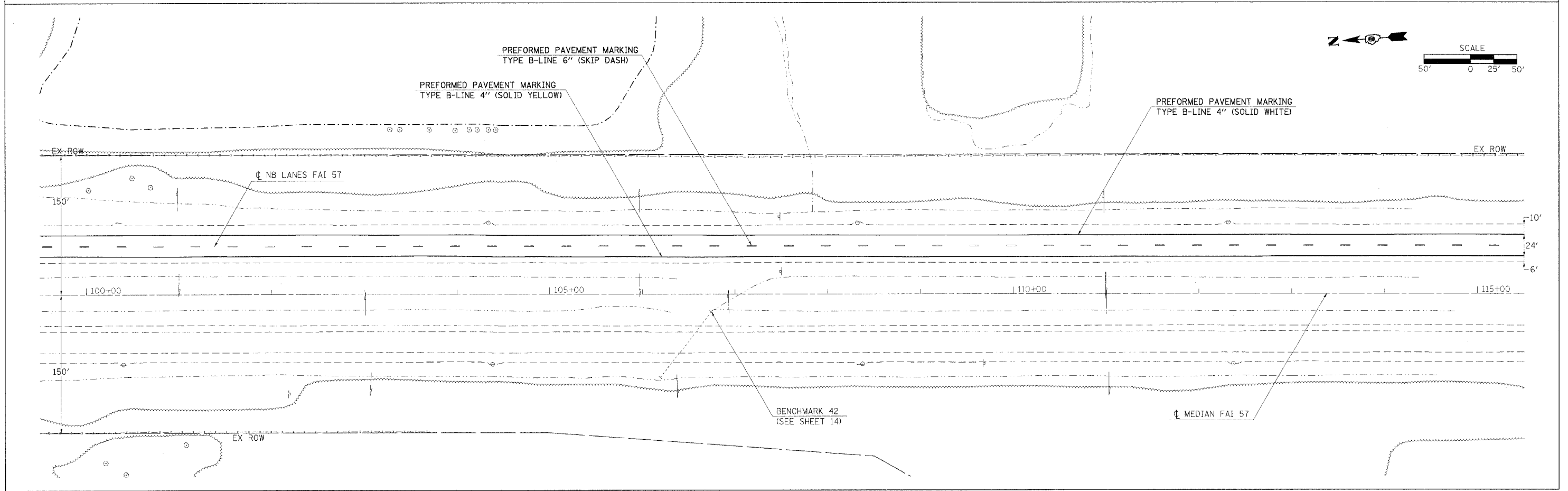
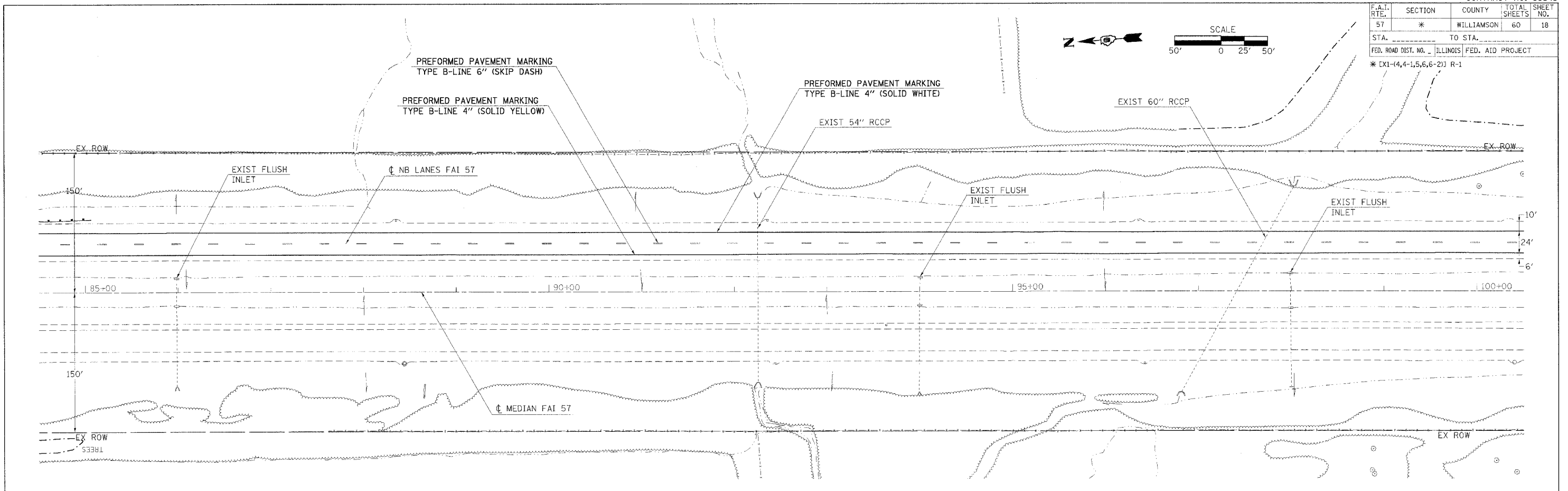


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ROADWAY PLAN - STA 55+00 TO 85+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	18
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				

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



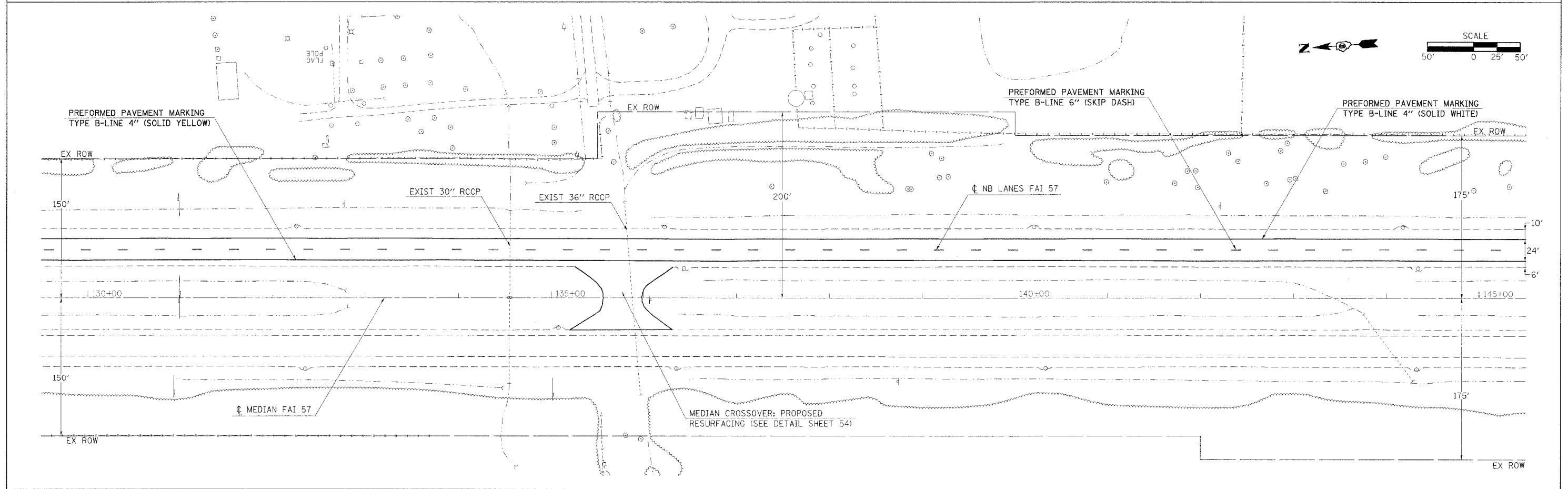
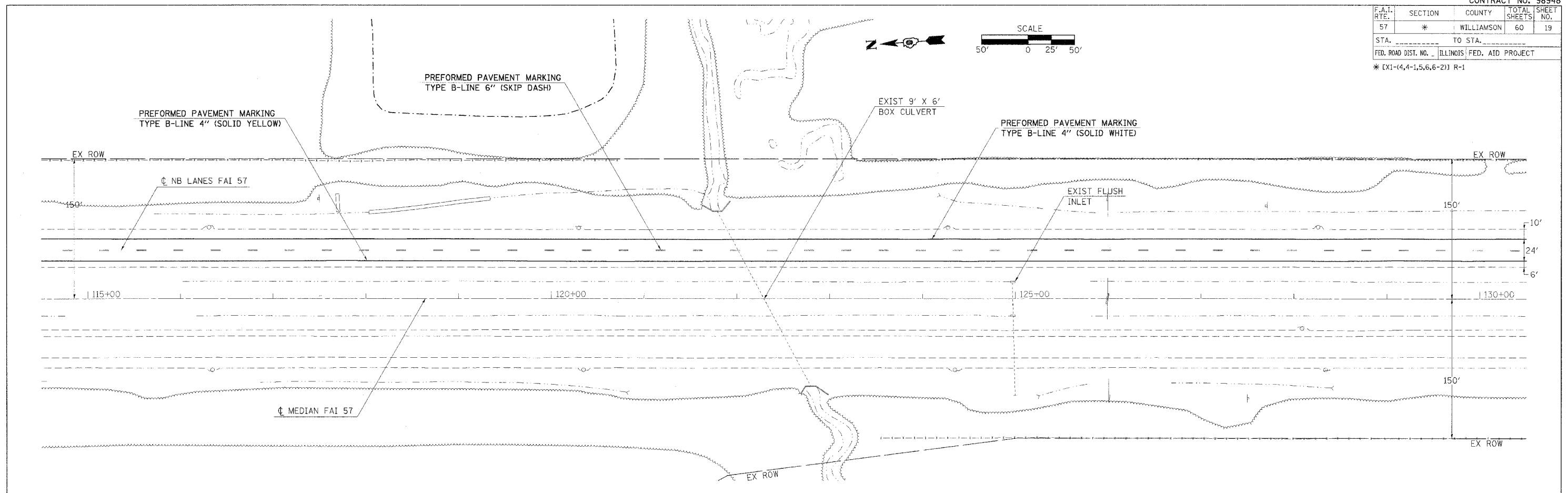
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	19

STA. _____ TO STA. _____

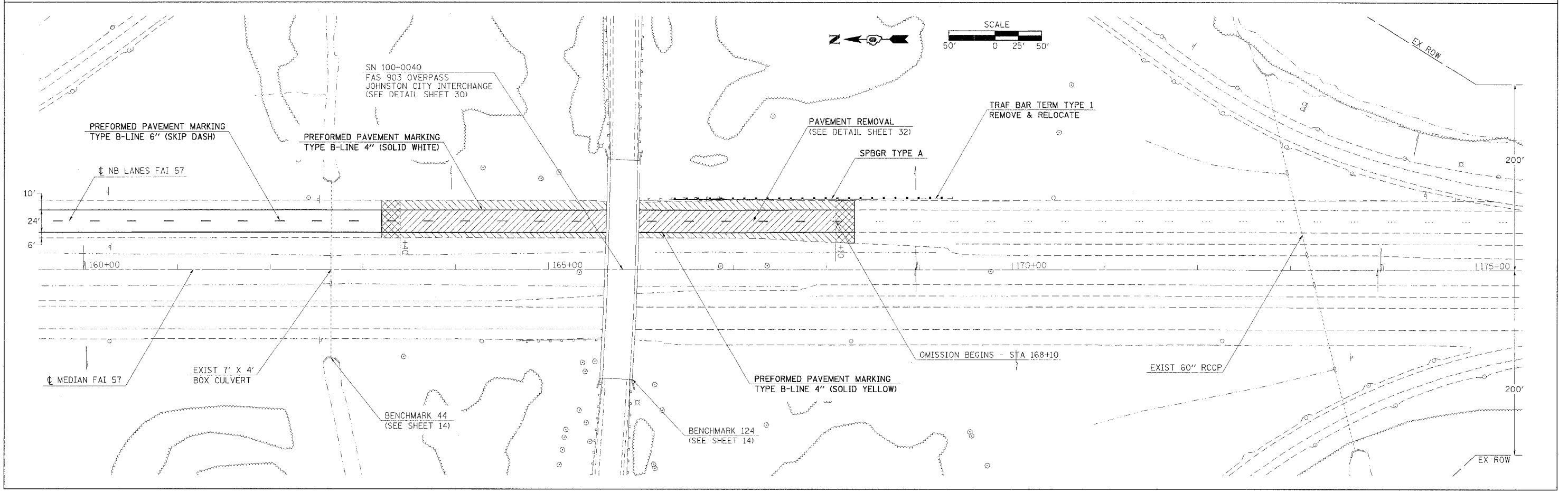
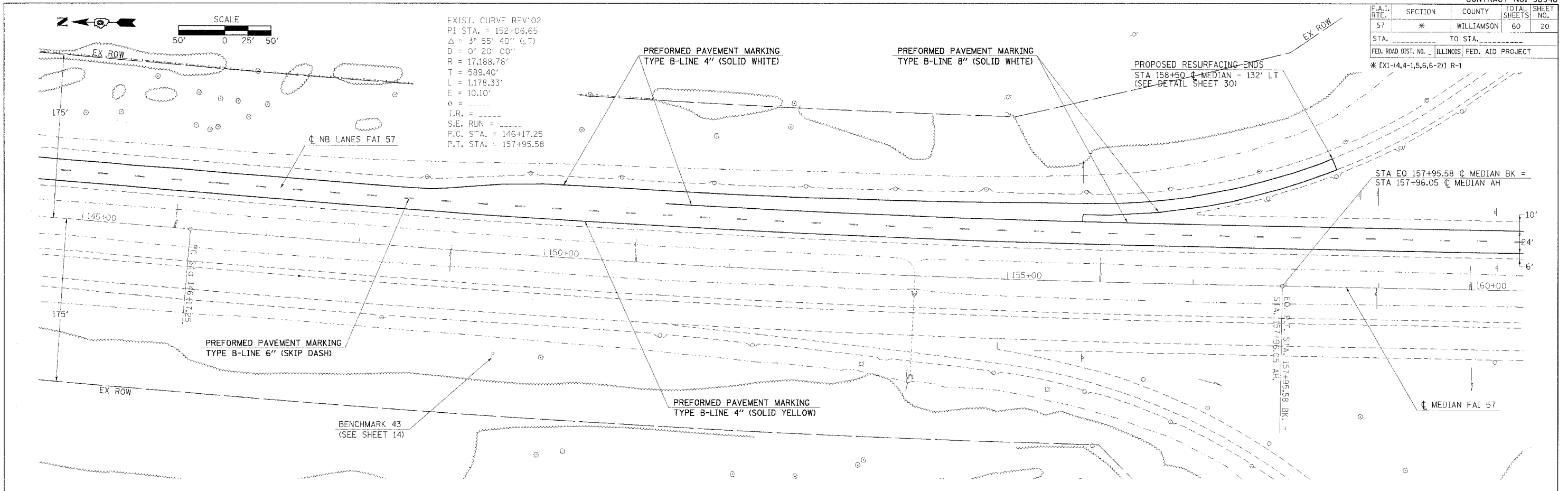
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT

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



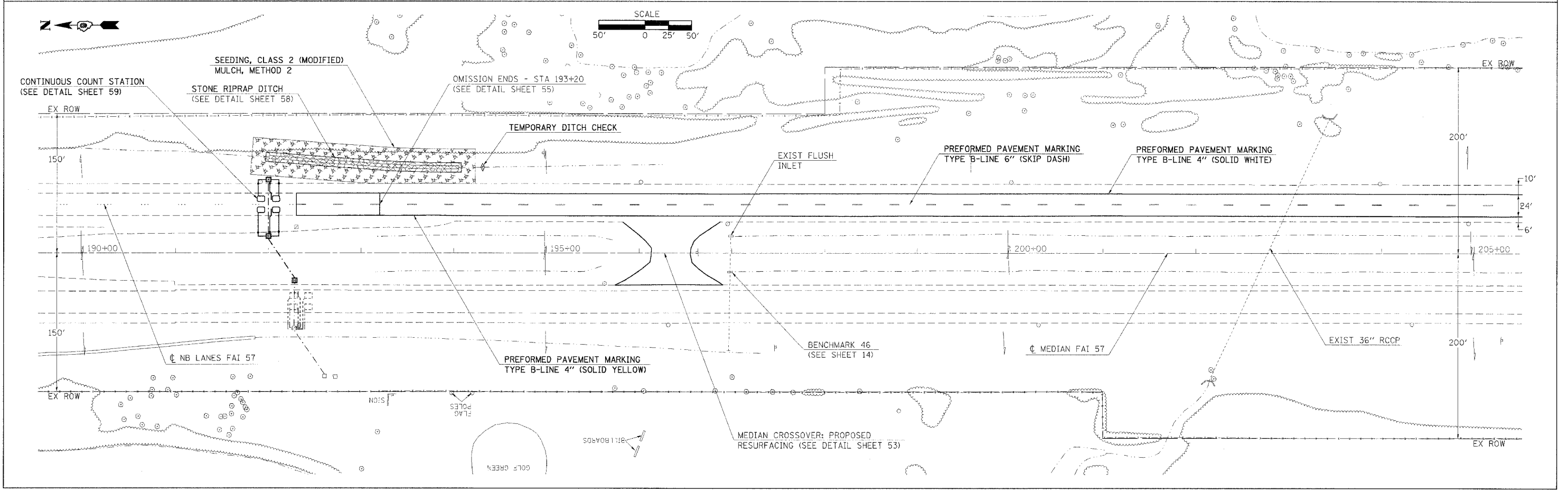
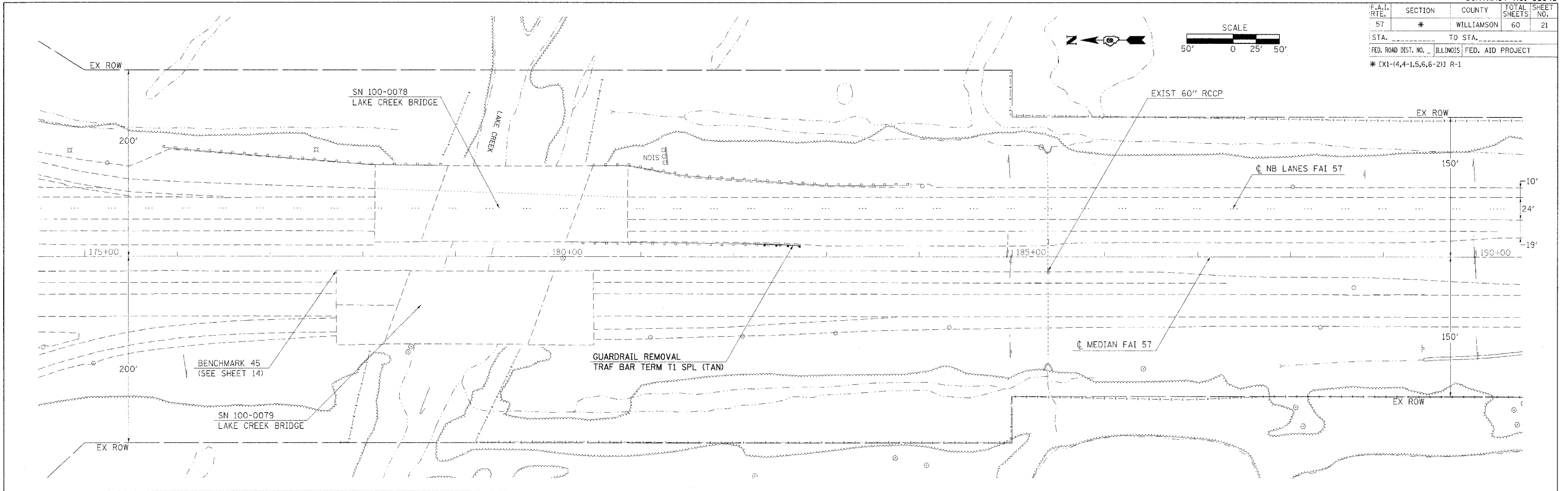
PLOT DATE = 3/30/2006
 FILE NAME = c:\p\projects\98948\98948.dwg
 PLOT SCALE = 1/8" = 1' IN.
 USER NAME = shepard-gp

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	20
STA.	TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* CX1-(4,4-1,5,6,6-2) R-1				



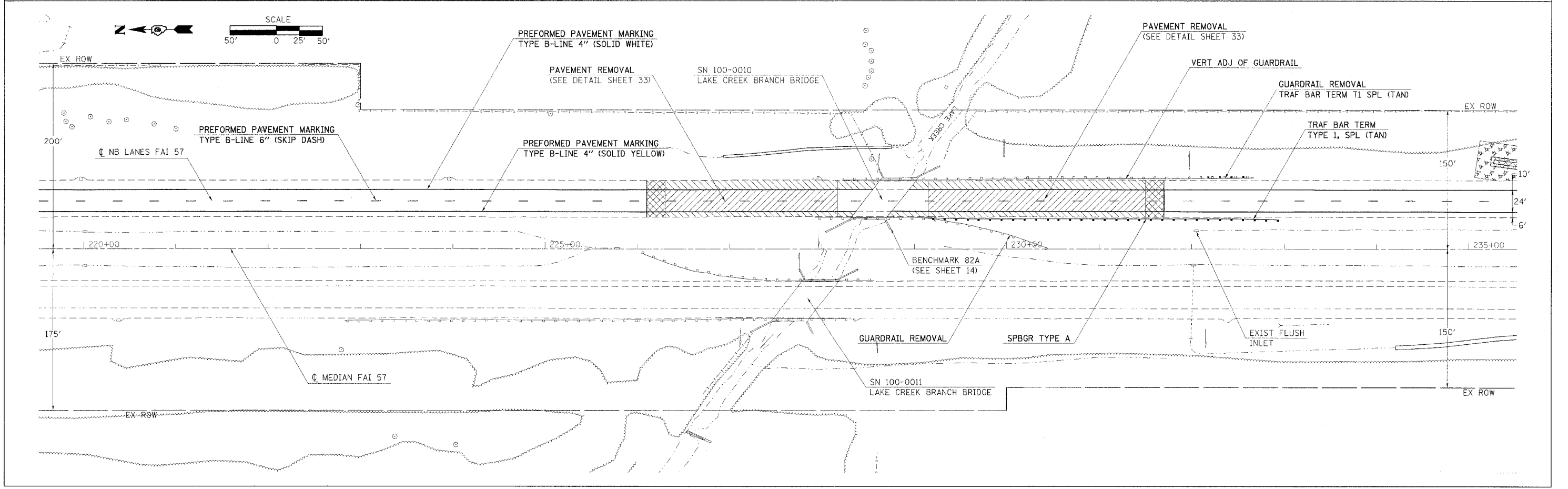
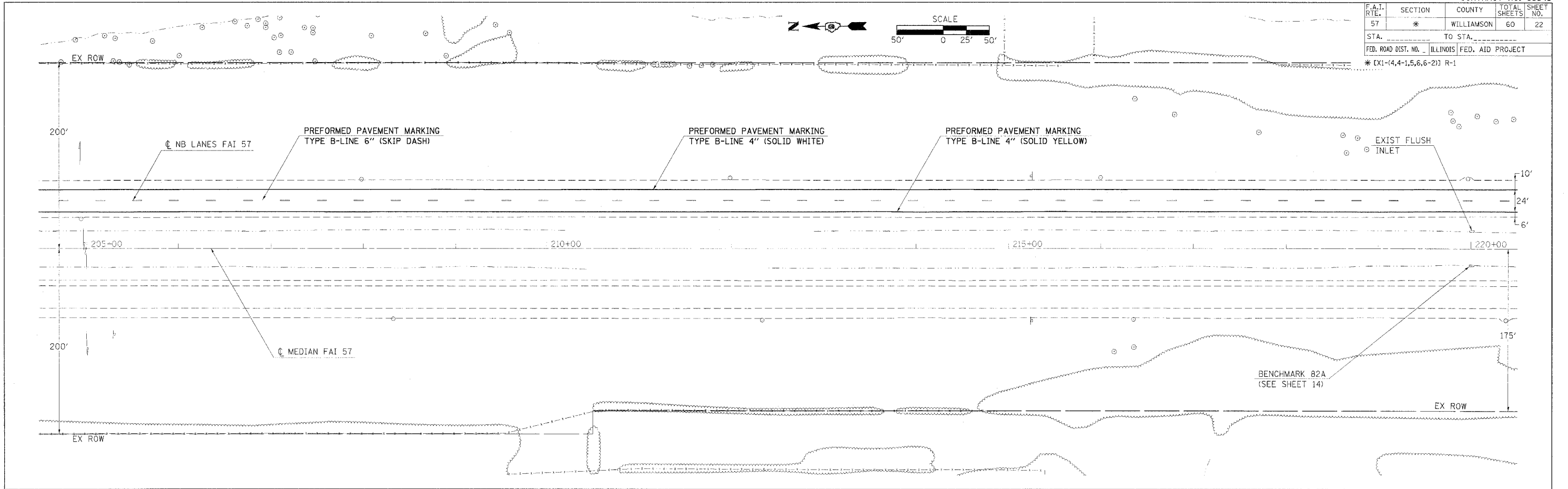
PLOT DATE = 3/30/2006
 PLOT SCALE = 1"=50'
 USER NAME = shpear-dgd

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	21
STA. TO STA.		ILLINOIS FED. AID PROJECT		
* EX1-(4,4-1,5,6,6-2) R-1				



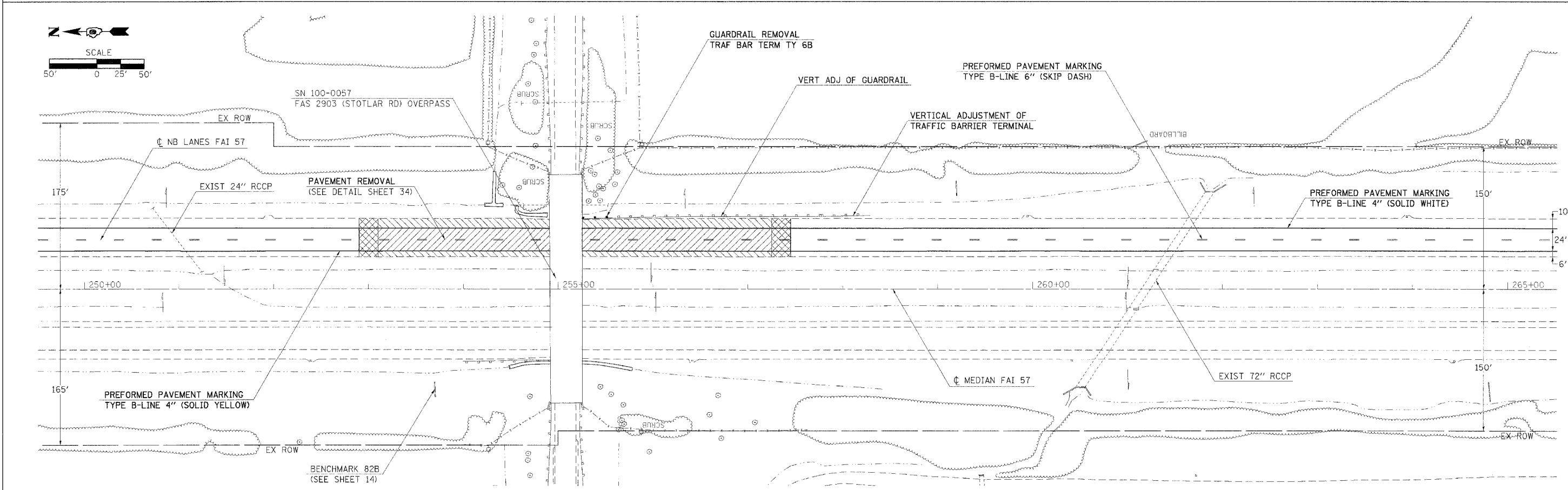
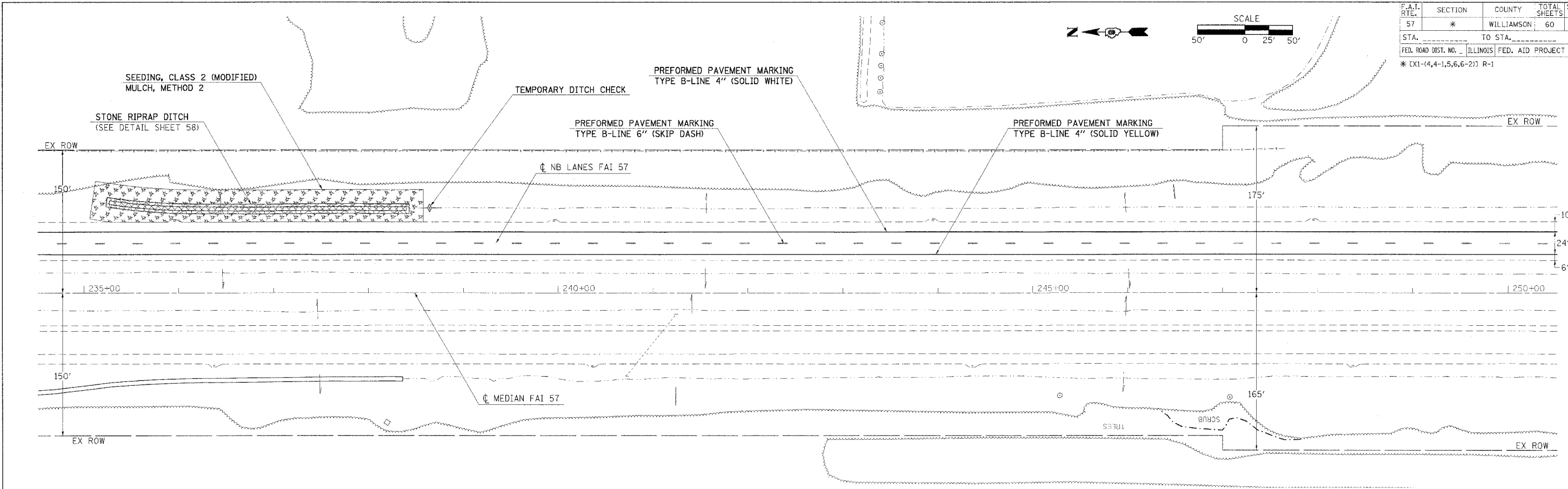
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 PLOT SCALE = 50,0000 / 1
 USER NAME = sheperddg

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	22
STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT		
* [X1-(4,4-1,5,6,6-2)] R-1				



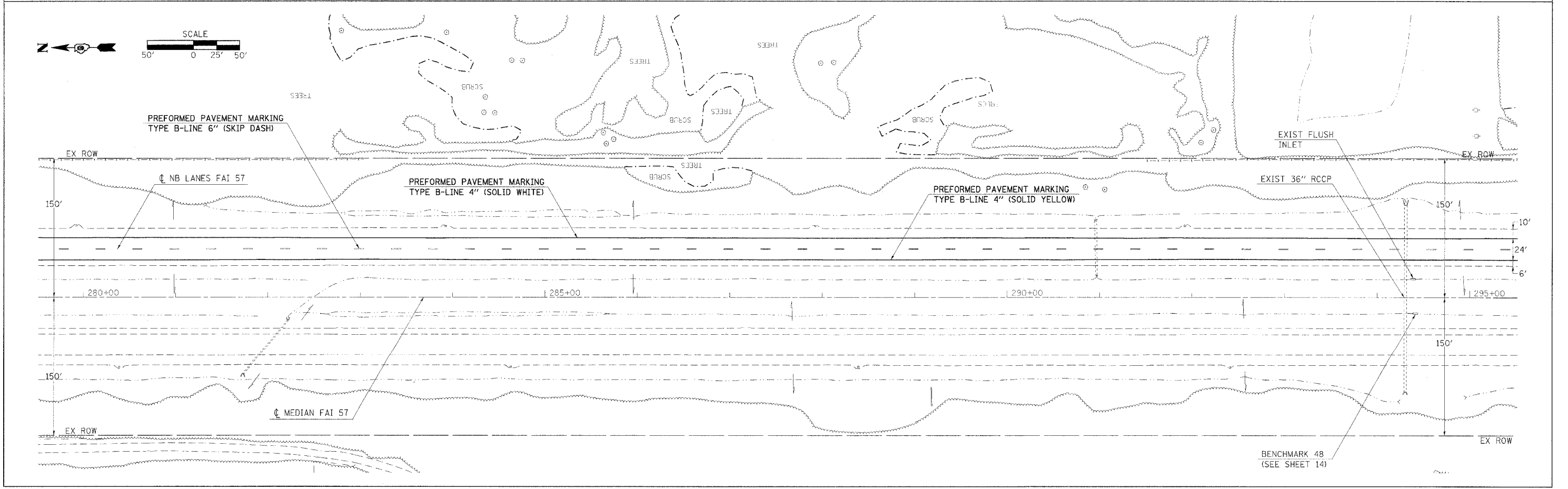
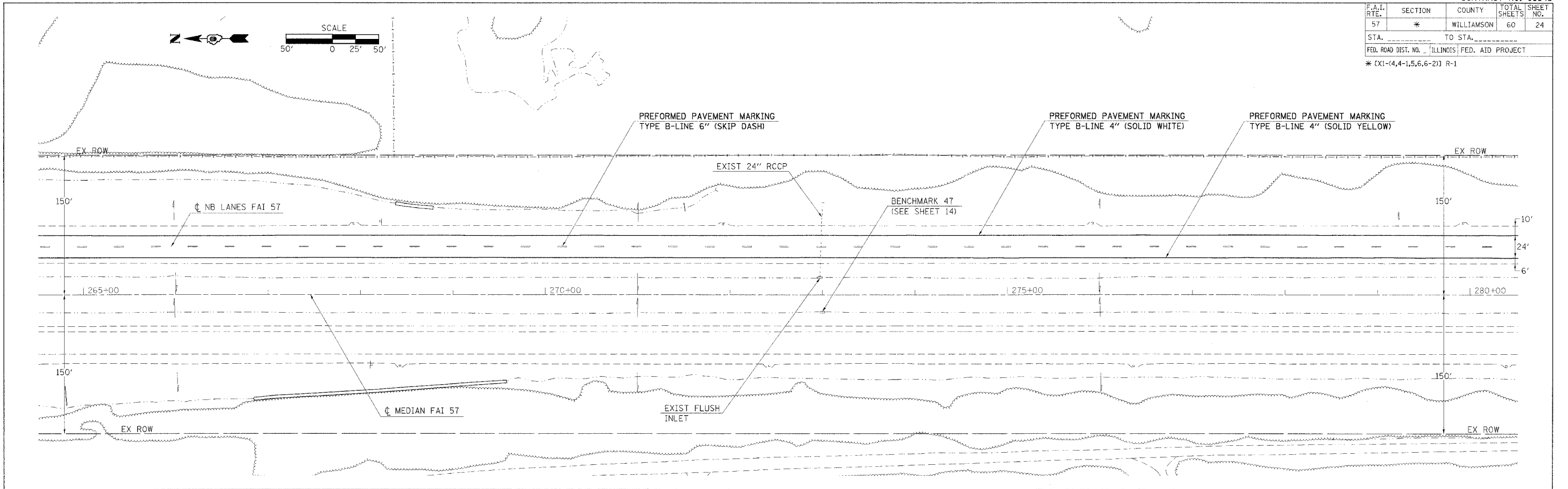
PLOT DATE = 3/30/2006
 PLOT SCALE = 80x8000
 USER NAME = shep-ar-dgd

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	23
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
* EX1-(4,4-1,5,6,6-2) R-1				



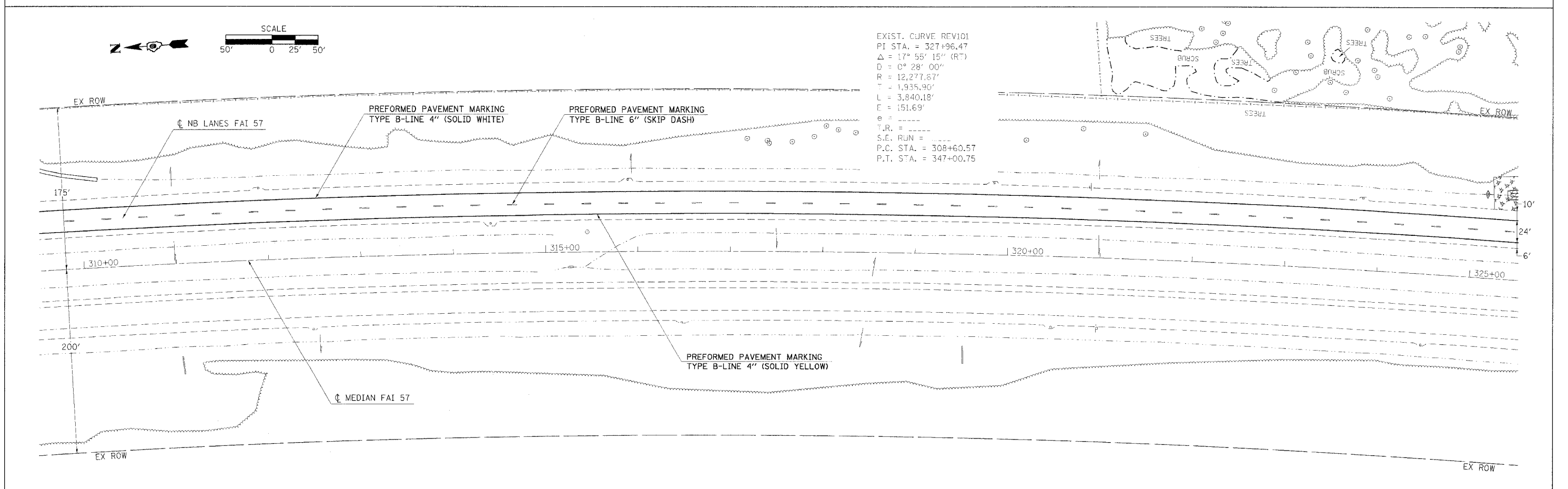
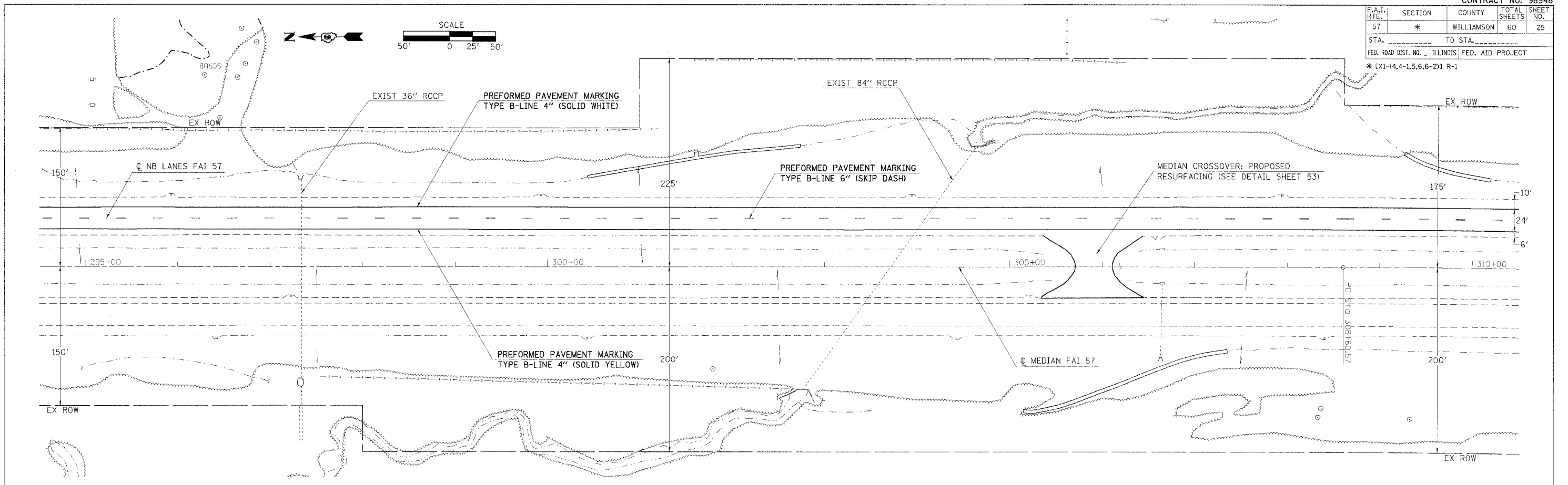
PLOT DATE = 3/30/2006
 PLOT SCALE = 50:1
 USER NAME = shaw-dgd

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	24
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		
* EX1-(4,4-1,5,6,6-2) R-1				



PLOT DATE = 3/30/2006
 PLOT SCALE = 1/8\"/>

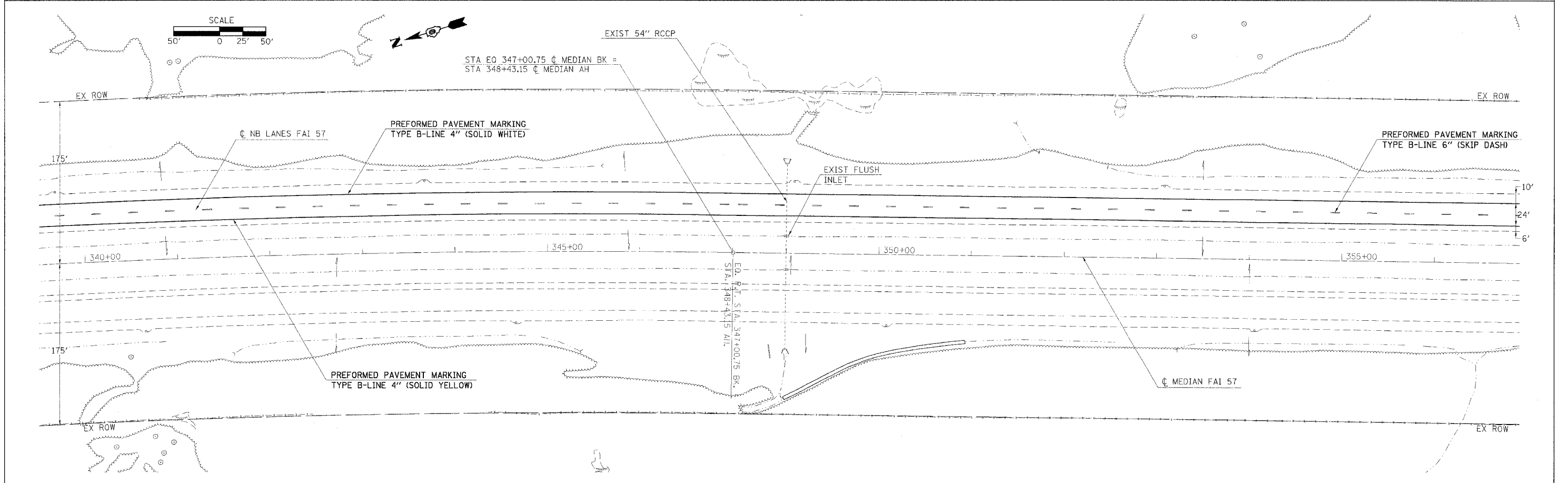
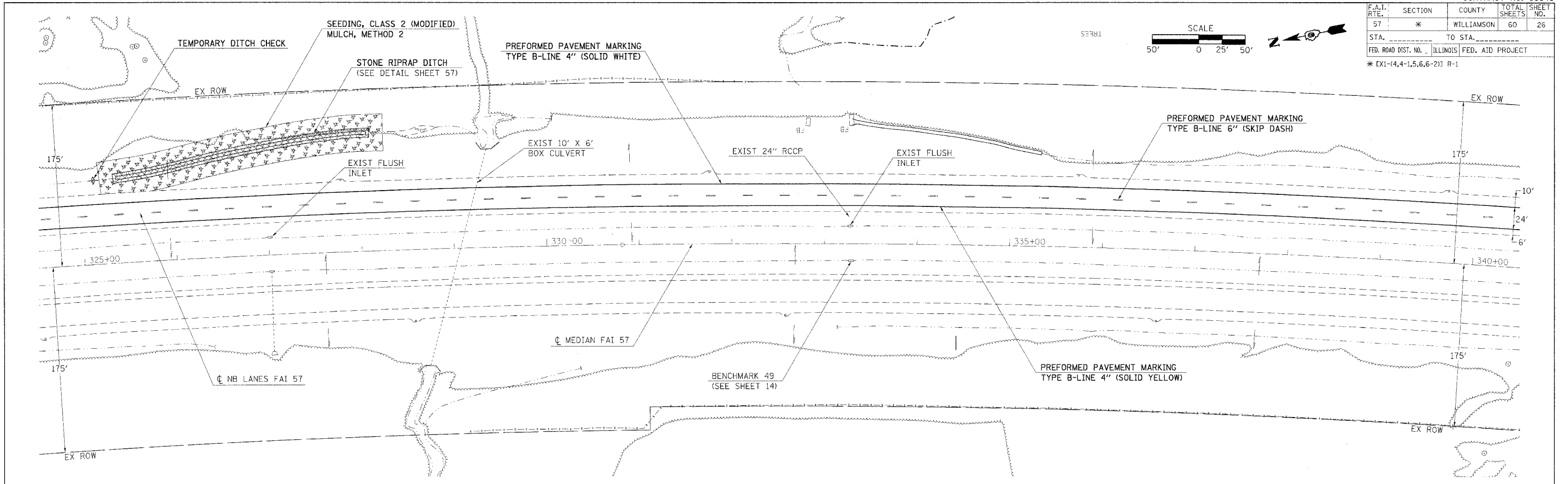
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	25
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		
* [X1-(4,4-1,5,6,6-2)] R-1				



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

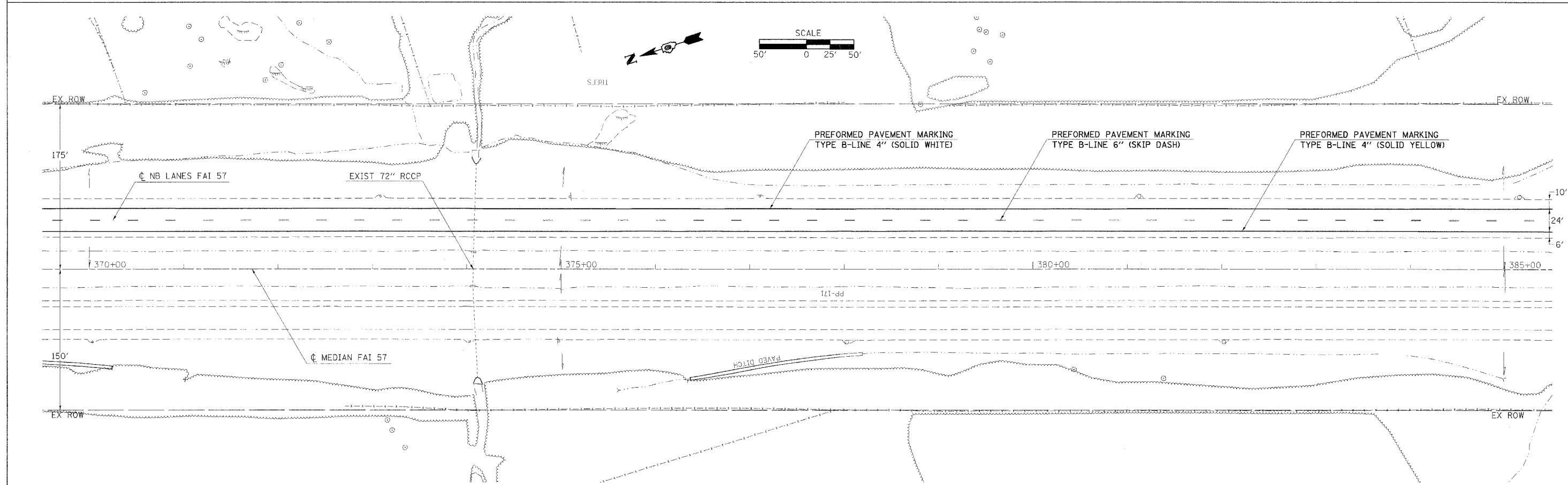
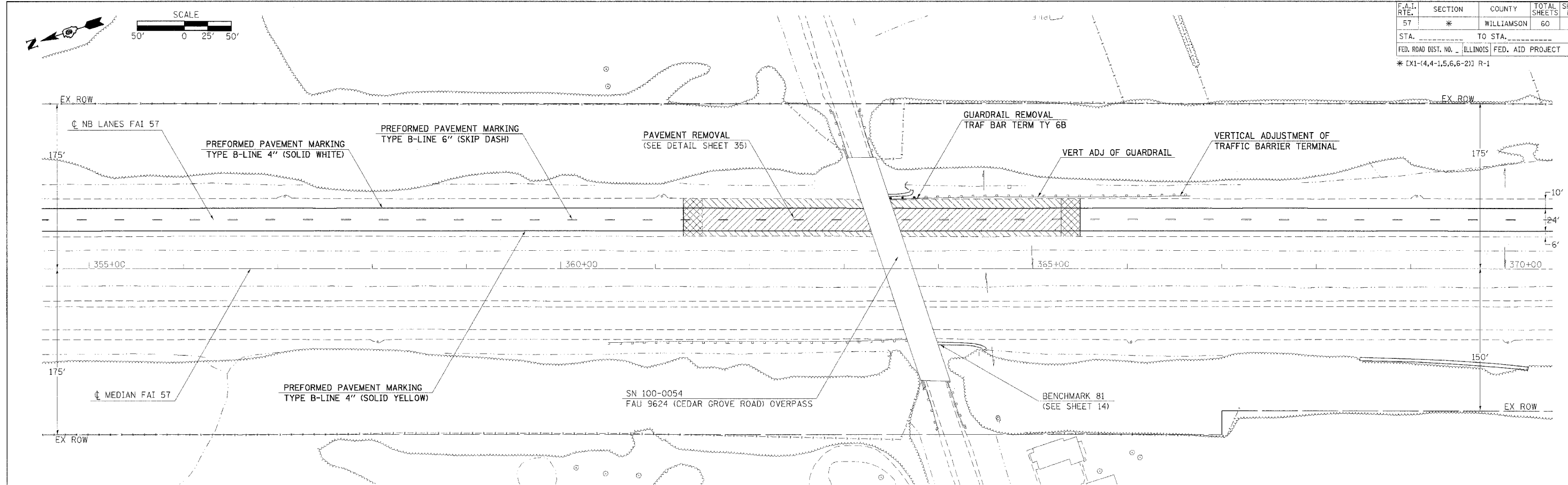
PLOT DATE = 3/27/2006
 PLOT SCALE = 50,000 / 1" = 1000'
 USER NAME = shepard-dgd

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	26
STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT		
* EX1-(4,4-1,5,6,6-2) R-1				



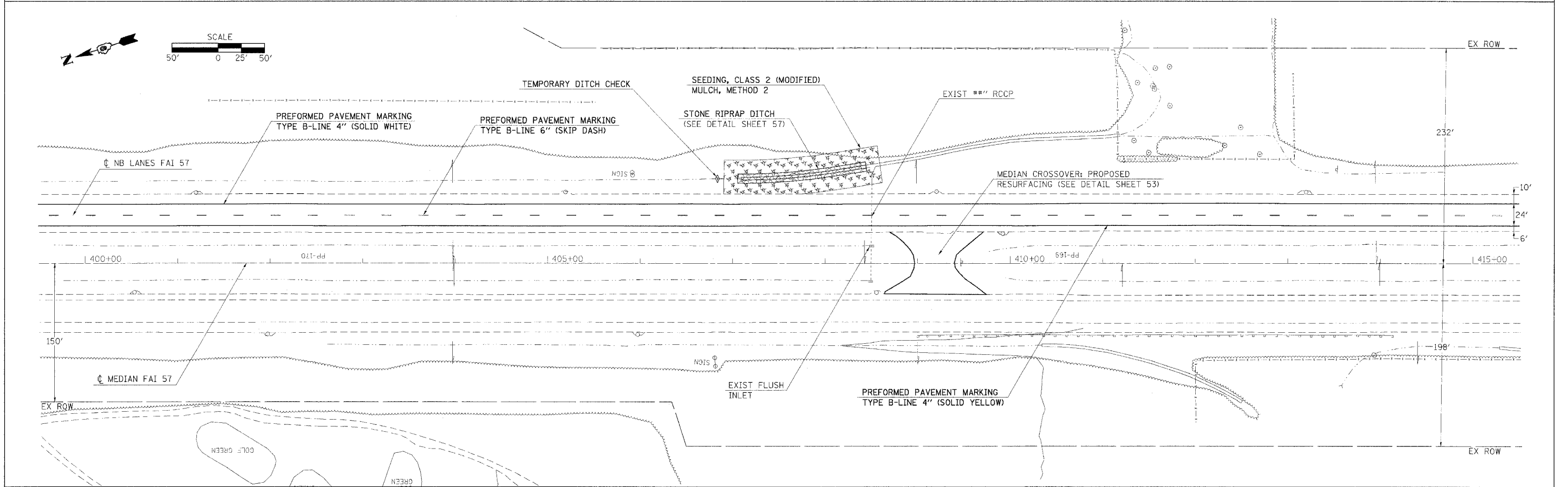
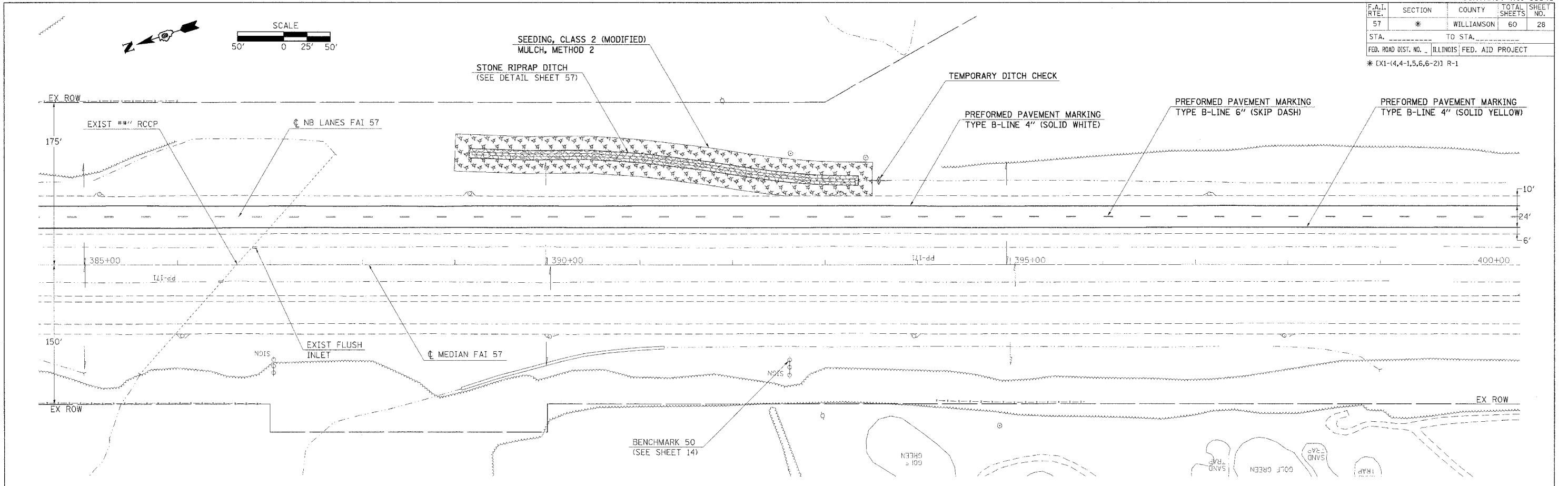
PLOT DATE = 3/29/2005
 PLOT SCALE = 1/4" = 100'
 USER NAME = sheppard

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	27
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		
* CX1-(4,4-1,5,6,6-2) R-1				



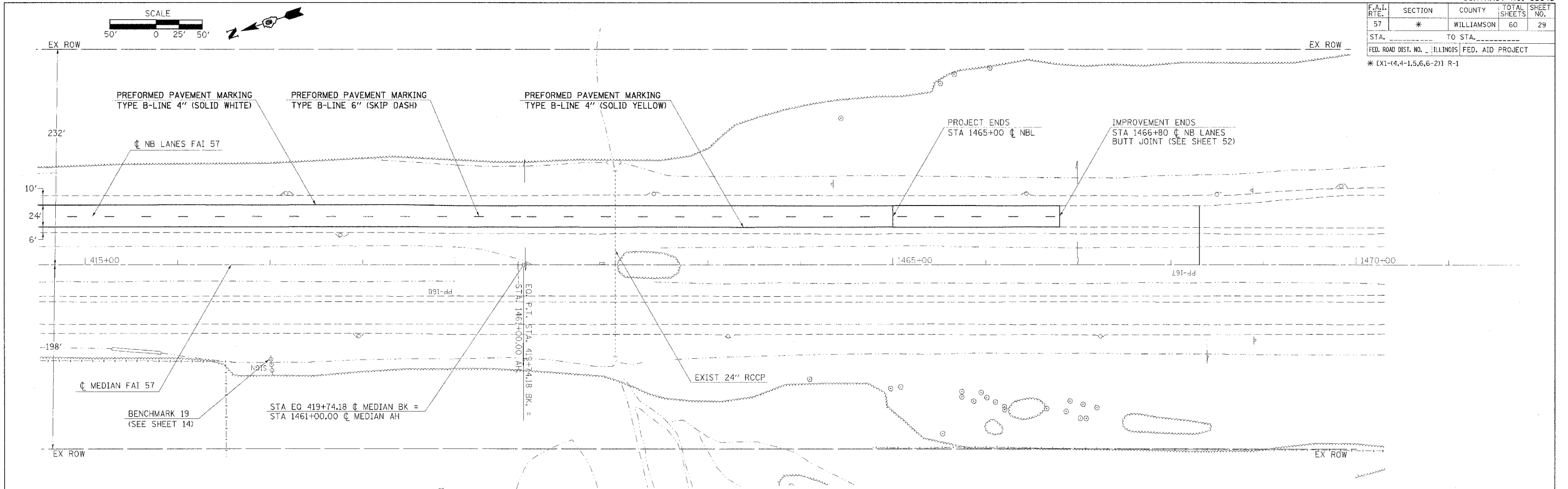
PLOT DATE = 3/20/2006
 FILE NAME = c:\p\proj\p\proj\98948\98948.dwg
 PLOT SCALE = 1/4\"/>

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	28
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		
* [X1-(4,4-1,5,6,6-2)] R-1				



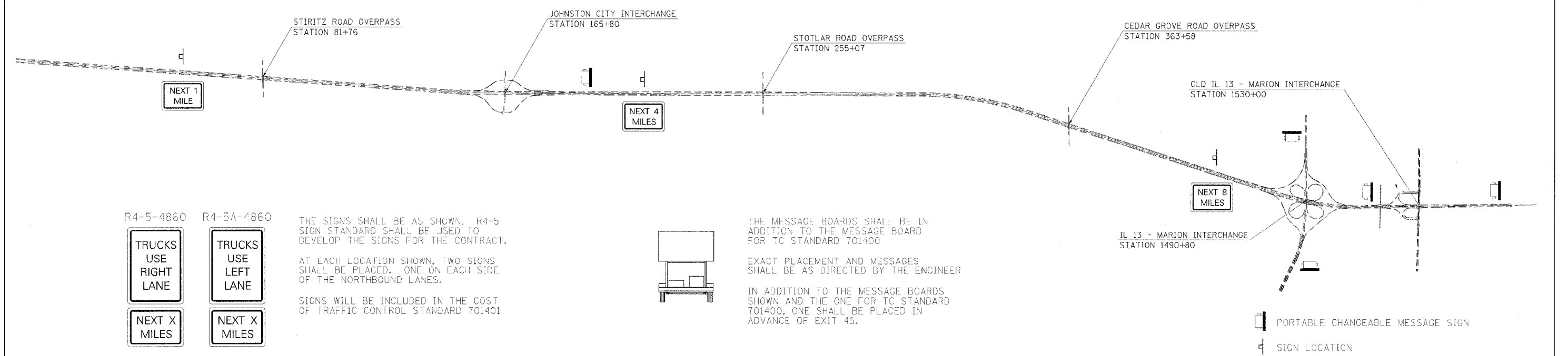
PLOT DATE = 2/21/2006
 PLOT SCALE = 1/8\"/>

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	29
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		
* [X1-(4,4-1,5,6,6-2)] R-1				



SUGGESTED SIGN PLACEMENT

DRAWING NOT TO SCALE



R4-5-4860 R4-5A-4860

TRUCKS USE RIGHT LANE

TRUCKS USE LEFT LANE

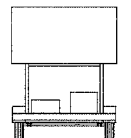
NEXT X MILES

NEXT X MILES

THE SIGNS SHALL BE AS SHOWN. R4-5 SIGN STANDARD SHALL BE USED TO DEVELOP THE SIGNS FOR THE CONTRACT.

AT EACH LOCATION SHOWN, TWO SIGNS SHALL BE PLACED, ONE ON EACH SIDE OF THE NORTHBOUND LANES.

SIGNS WILL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD 701401



THE MESSAGE BOARDS SHALL BE IN ADDITION TO THE MESSAGE BOARD FOR TC STANDARD 701400

EXACT PLACEMENT AND MESSAGES SHALL BE AS DIRECTED BY THE ENGINEER

IN ADDITION TO THE MESSAGE BOARDS SHOWN AND THE ONE FOR TC STANDARD 701400, ONE SHALL BE PLACED IN ADVANCE OF EXIT 45.

PORTABLE CHANGEABLE MESSAGE SIGN

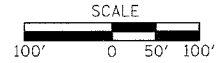
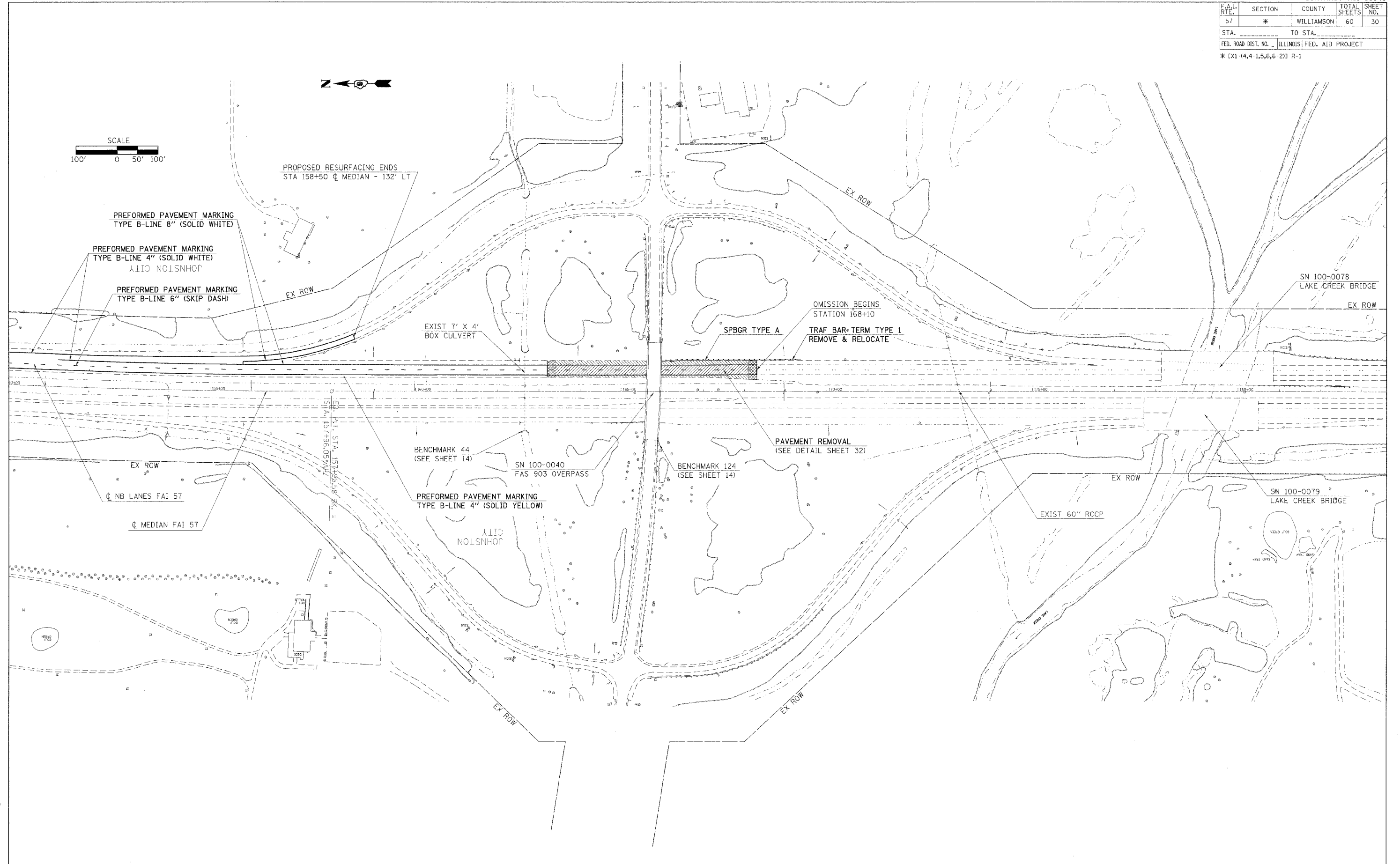
SIGN LOCATION

PLOT DATE = 3/29/2006
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = shoungdgd

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	30

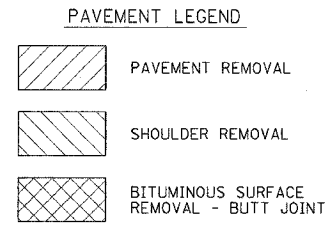
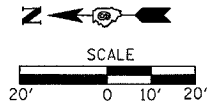
STA. _____ TO STA. _____
 FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT

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

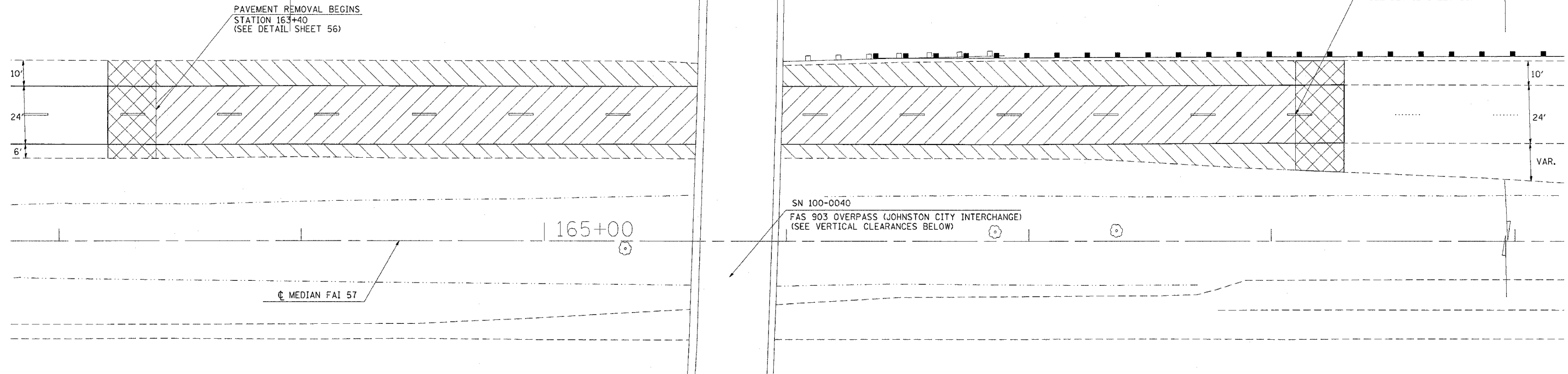


PLOT DATE = 3/30/2006
 PLOT SCALE = 1/8\"/>

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	32
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
* [X1-(4,4-1,5,6,6-2)] R-1				

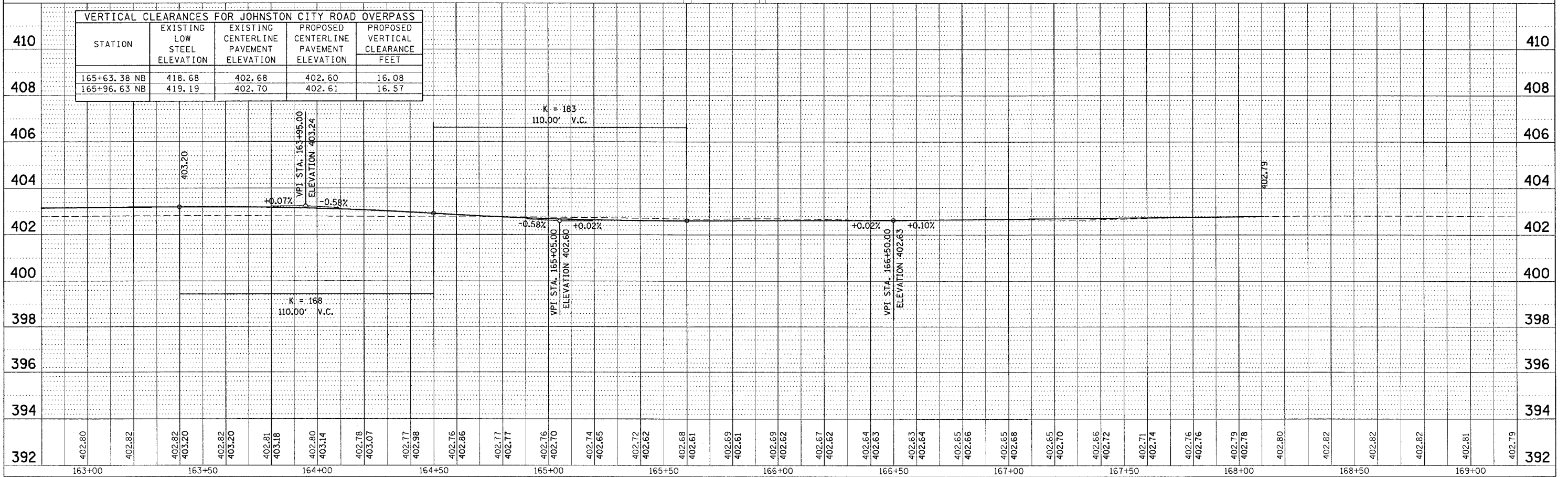


BY _____
 CHECKED _____
 ALIGNED CHECKED _____
 PLOTTED _____
 NOTE BOOK _____
 NO. _____
 PLAN _____
 REVISIONS _____
 DATE _____



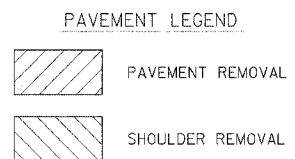
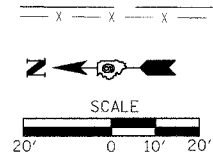
STATION	EXISTING LOW STEEL ELEVATION	EXISTING CENTERLINE PAVEMENT ELEVATION	PROPOSED CENTERLINE PAVEMENT ELEVATION	PROPOSED VERTICAL CLEARANCE FEET
165+63.38 NB	418.68	402.68	402.60	16.08
165+96.63 NB	419.19	402.70	402.61	16.57

DATE _____
 BY _____
 CHECKED _____
 PLOTTED _____
 NOTE BOOK _____
 NO. _____
 PROFILE _____
 REVISIONS _____
 DATE _____

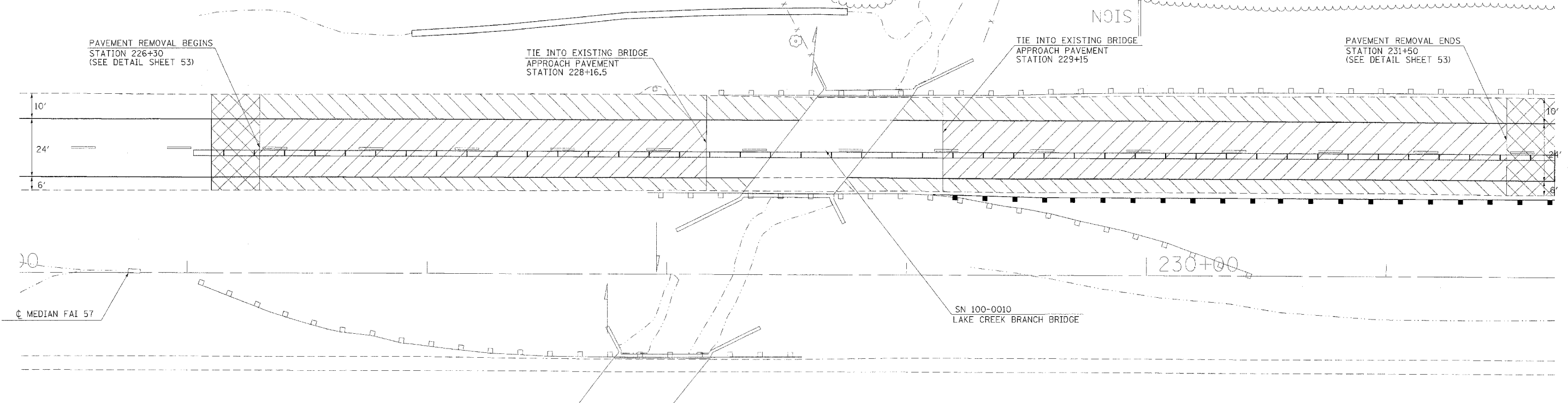


PLOT DATE = 4/17/2006
 PLOT SCALE = 20.0000' / 1" / 100.0000'
 USER NAME = thomasstf

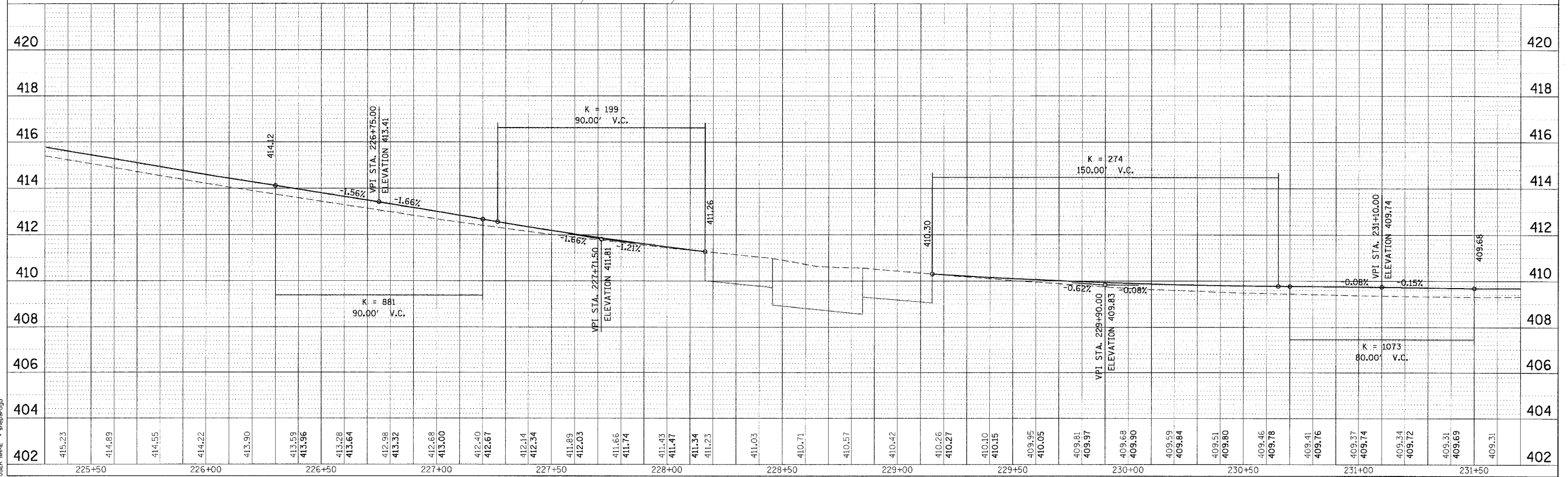
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	33
STA. _____ TO STA. _____				
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
* [X1-(4,4-1,5,6,6-2)] R-1				



DATE: _____ BY: _____
 CHECKED: _____
 DESIGNED: _____
 DRAWN: _____
 DATE: _____

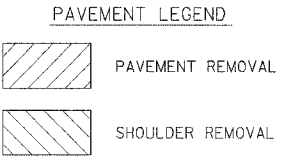
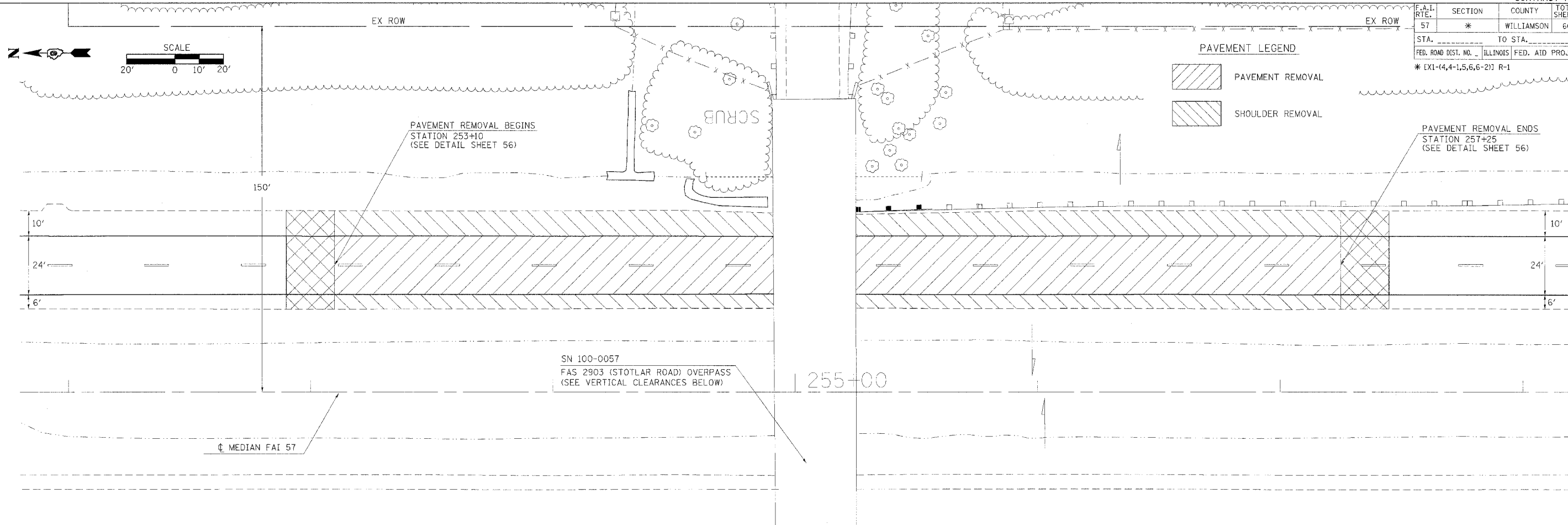


PROFILE
 CHECKED: _____
 PLOTTED: _____
 NOTE BOOK NO. _____
 STRUCTURE NOTATIONS: _____



PLOT DATE = 3/24/2006
 PLOT SCALE = 20.0000" = 1.0000' IN.
 USER NAME = shagardgf

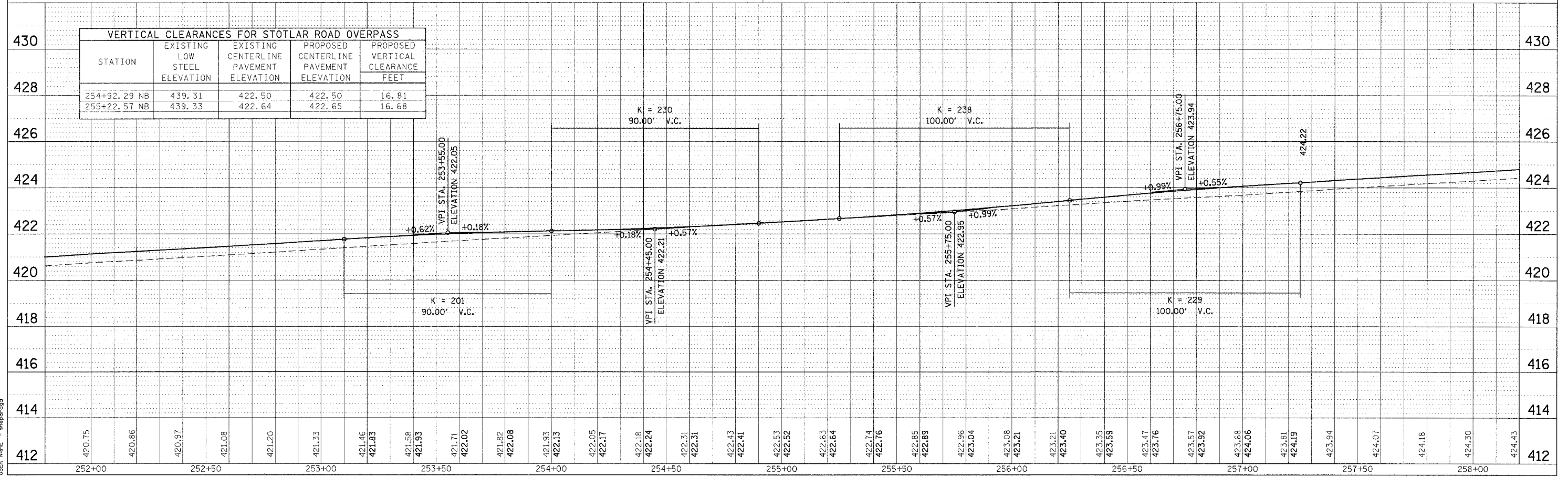
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	34
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
* EX1-(4,4-1,5,6,6-2) R-1				



REVISIONS
 NO. DATE BY
 1 10/1/05 [unclear]
 2 10/1/05 [unclear]
 3 10/1/05 [unclear]
 4 10/1/05 [unclear]
 5 10/1/05 [unclear]
 6 10/1/05 [unclear]
 7 10/1/05 [unclear]
 8 10/1/05 [unclear]
 9 10/1/05 [unclear]
 10 10/1/05 [unclear]

VERTICAL CLEARANCES FOR STOTLAR ROAD OVERPASS

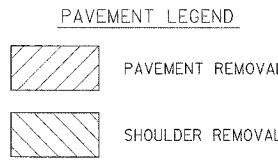
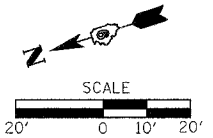
STATION	EXISTING LOW STEEL ELEVATION	EXISTING CENTERLINE PAVEMENT ELEVATION	PROPOSED CENTERLINE PAVEMENT ELEVATION	PROPOSED VERTICAL CLEARANCE FEET
254+92.29 NB	439.31	422.50	422.50	16.81
255+22.57 NB	439.33	422.64	422.65	16.68



PROFILE REVISIONS
 NO. DATE BY
 1 10/1/05 [unclear]
 2 10/1/05 [unclear]
 3 10/1/05 [unclear]
 4 10/1/05 [unclear]
 5 10/1/05 [unclear]
 6 10/1/05 [unclear]
 7 10/1/05 [unclear]
 8 10/1/05 [unclear]
 9 10/1/05 [unclear]
 10 10/1/05 [unclear]

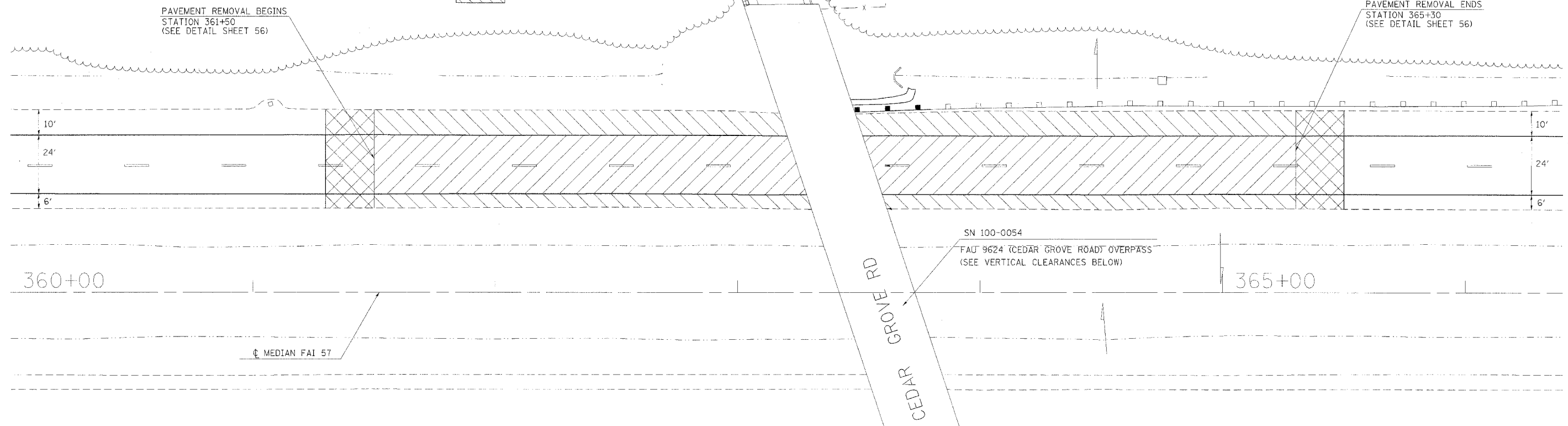
PLOT DATE = 3/30/2006
 PLOT SCALE = 20.0000' = 1" IN.
 USER NAME = shepa-dgd

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	35
STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT		
* EX1-(4,4-1,5,6,6-2) R-1				



PAVEMENT REMOVAL BEGINS
STATION 361+50
(SEE DETAIL SHEET 56)

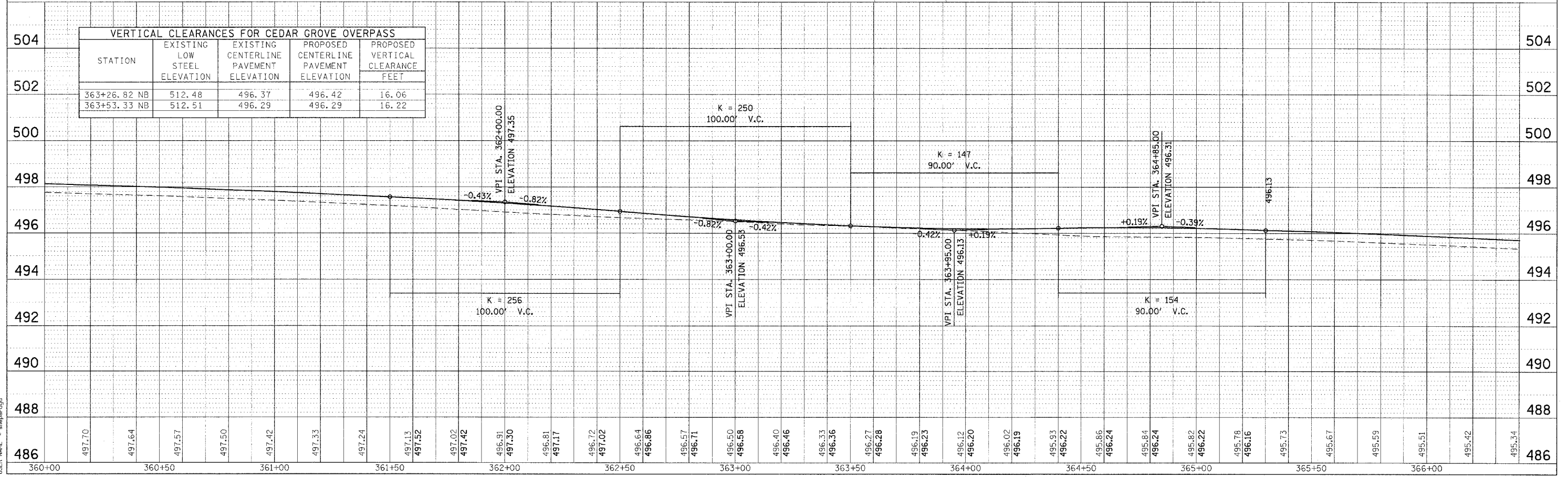
PAVEMENT REMOVAL ENDS
STATION 365+30
(SEE DETAIL SHEET 56)



PLAN	DATE
NO.	
REVISIONS	BY
NO.	
DATE	
DESCRIPTION	
BY	
DATE	

VERTICAL CLEARANCES FOR CEDAR GROVE OVERPASS

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



PROFILE	DATE
NO.	
REVISIONS	BY
NO.	
DATE	
DESCRIPTION	
BY	
DATE	

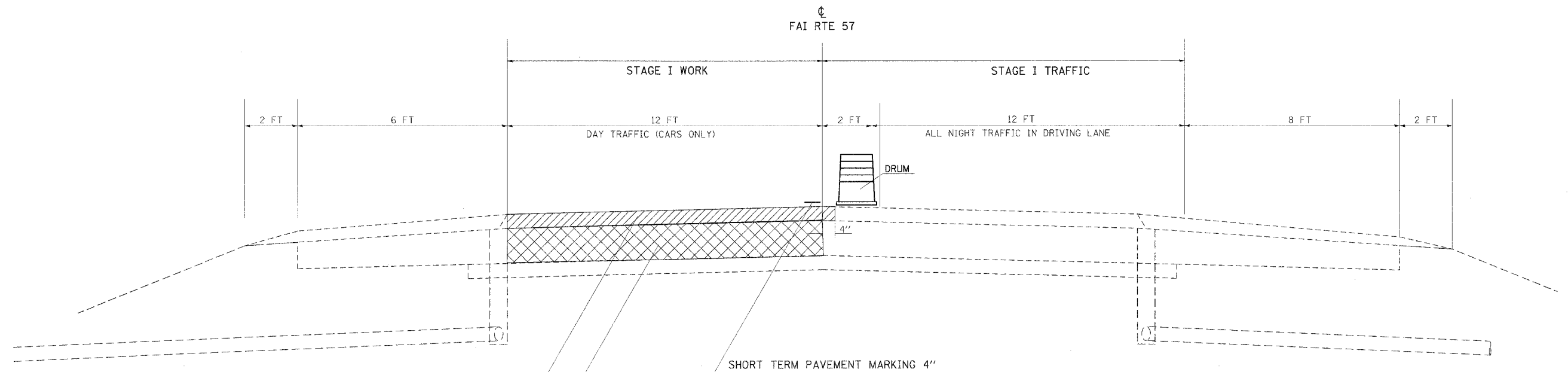
PLOT DATE = 3/30/2006
 PLOT SCALE = 24.0000 IN.
 USER NAME = shepardg




F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	36
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

RUBBLIZING AND PAVING SEQUENCE - STAGE I

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



-  PROPOSED BITUMINOUS SURFACE REMOVAL 4"
-  PROPOSED POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N105, IL-19.0 4"
-  PROPOSED RUBBLIZATION OF EXISTING PCC PAVEMENT

TO BE USED:

- STA 0+00 TO STA 57+43.55
- STA 57+46.55 TO STA 79+50
- STA 83+70 TO STA 157+95.58
- STA 157+96.05 TO STA 163+40
- STA 193+20 TO STA 226+30
- STA 231+50 TO STA 253+10
- STA 257+25 TO STA 347+00.75
- STA 348+43.15 TO STA 361+50
- STA 365+30 TO STA 419+74.18
- STA 1461+00 TO STA 1465+00

- STATION EQUATION
- EQUA. STA 289+26.45BK = STA 0+00AH
 - EQUA STA 57+43.55BK = STA 57+46.55AH
 - EQUA STA 157+95.58BK = STA 157+96.05AH
 - EQUA STA 347+00.75BK = STA 348+43.15AH
 - EQUA STA 419+74.18BK = STA 1461+00AH

SEQUENCE OF CONSTRUCTION

NIGHT WORK ONLY

- USE TRAFFIC CONTROL STANDARD 701401
- MILL BITUMINOUS SURFACE FROM PASSING LANE
- RUBBLIZE EXISTING CONCRETE PAVEMENT
- APPLY FOG COAT WITH EMULSIFIED POLYMER PRIME
- INLAY 4" BITUMINOUS BINDER COURSE
- PLACE TEMPORARY PAVEMENT MARKING
- OPEN BOTH LANES TO DAYTIME TRAFFIC

NOTES:

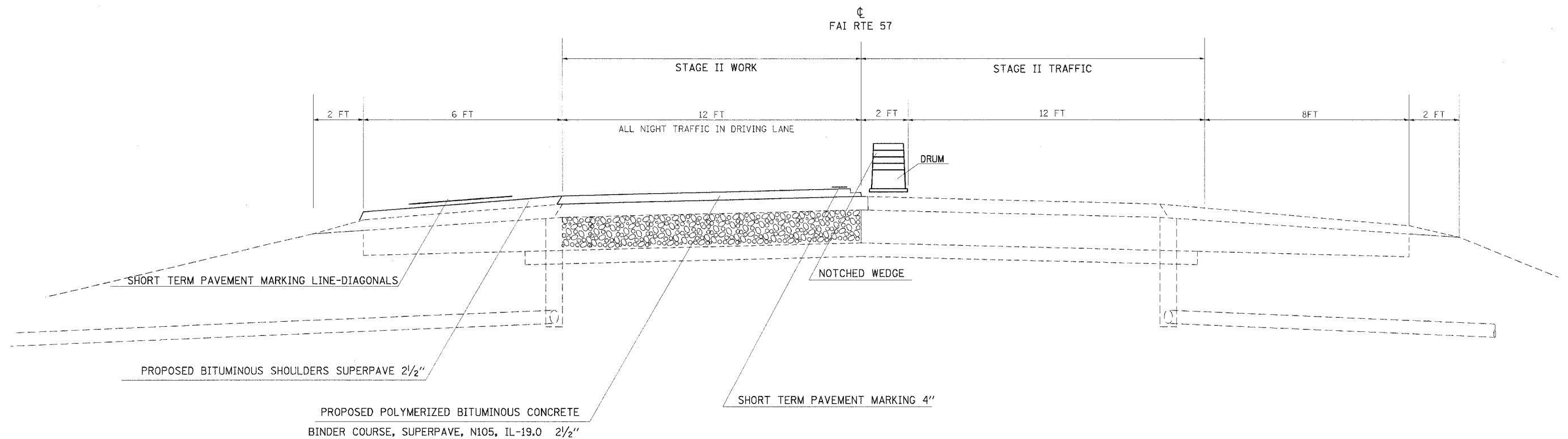
1. MILLING, RUBBLIZING AND PAVING MUST BE COMPLETED TO THE SAME LOCATION EACH DAY RESULTING IN A LEVEL BUTT JOINT BETWEEN THE EXISTING RESURFACED PAVEMENT AND THE NEWLY OVERLAID RUBBLIZED PAVEMENT.
2. SIGNS AND MESSAGE BOARDS RESTRICTING TRUCKS TO DRIVING LANE ONLY MUST BE IN PLACE PRIOR TO OPENING THE PASSING LANE.

PLOT DATE = 4/11/2006
 PLOT SCALE = 5/8" = 1' IN.
 USER NAME = miller10

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	37
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* [X1-(4,4-1,5,6,6-2)] R-1				

RUBBLIZING AND PAVING SEQUENCE - STAGE II

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



SEQUENCE OF CONSTRUCTION:

NIGHT WORK ONLY

- USE TRAFFIC CONTROL STANDARD 701401
- APPLY FOG COAT WITH EMULSIFIED POLYMER PRIME
- PLACE OVERLAY 2 1/2" ON THE PASSING LANE- USE NOTCHED WEDGE LONGITUDINAL JOINT
- PLACE SHOULDER- OVERLAY 2 1/2"
- STRIPE STAGE 2 FOR STAGE 3 TRAFFIC
- OPEN BOTH LANES TO DAYTIME TRAFFIC
- TRAFFIC CONTROL SIGNING LIMITING TRUCKS TO DRIVING LANE ONLY MUST REMAIN IN PLACE
- THE 2 1/2" OF BITUMINOUS CAN ONLY BE PLACED WITHIN THE LIMITS OF THE PREVIOUS NIGHTS STAGE 1 CONSTRUCTION
- AGGREGATE WEDGE SHOULDERS MAY BE PLACED AT ANYTIME, HOWEVER DAYTIME LANE CLOSURES WILL NOT BE ALLOWED

TO BE USED:

- STA 0+00 TO STA 79+50
- STA 83+70 TO STA 157+95.58
- STA 157+96.05 TO STA 163+40
- STA 193+20 TO STA 226+30
- STA 231+50 TO STA 253+10
- STA 257+25 TO STA 347+00.75
- STA 348+43.15 TO STA 361+50
- STA 365+30 TO STA 419+74.18
- STA 1461+00 TO STA 1465+00

STATION EQUATION

- EQUA. STA 289+26.45BK = STA 0+00AH
- EQUA STA 57+43.55BK = STA 57+46.55AH
- EQUA STA 157+95.58BK = STA 157+96.05AH
- EQUA STA 347+00.75BK = STA 348+43.15AH
- EQUA STA 419+74.18BK = STA 1461+00AH

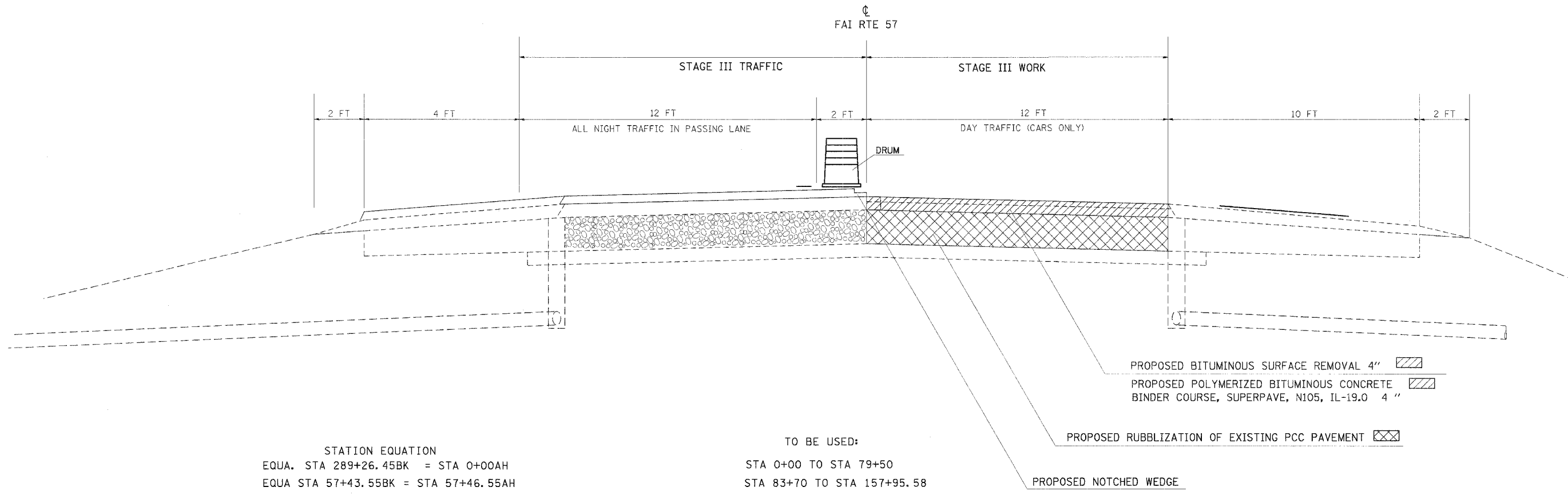
PLOT DATE = 4/11/2006
 PLOT SCALE = 1/8" = 100'-0"
 USER NAME = miller14

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	38
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* [X1-(4,4-1,5,6,6-2)] R-1				

RUBBLIZING AND PAVING SEQUENCE - STAGE III

PAVEMENT RUBBLIZATION ON I-57

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



STATION EQUATION
 EQUA. STA 289+26.45BK = STA 0+00AH
 EQUA STA 57+43.55BK = STA 57+46.55AH
 EQUA STA 157+95.58BK = STA 157+96.05AH
 EQUA STA 347+00.75BK = STA 348+43.15AH
 EQUA STA 419+74.18BK = STA 1461+00AH

TO BE USED:
 STA 0+00 TO STA 79+50
 STA 83+70 TO STA 157+95.58
 STA 157+96.05 TO STA 163+40
 STA 193+20 TO STA 226+30
 STA 231+50 TO STA 253+10
 STA 257+25 TO STA 347+00.75
 STA 348+43.15 TO STA 361+50
 STA 365+30 TO STA 419+74.18
 STA 1461+00 TO STA 1465+00

NOTES:

- MILLING, RUBBLIZING AND PAVING MUST BE COMPLETED TO THE SAME LOCATION EACH DAY RESULTING IN A LEVEL BUTT JOINT BETWEEN THE EXISTING SHOULDER AND THE NEWLY OVERLAID RUBBLIZED PAVEMENT.
- SIGNS AND MESSAGE BOARDS RESTRICTING TRUCKS TO PASSING LANE ONLY MUST BE IN PLACE PRIOR TO OPENING THE DRIVING LANE TO TRAFFIC.
- THE NOTCHED WEDGE JOINT SHALL BE PLACED DURING THE POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE 2 1/2" IN STAGE II. THE NOTCHED WEDGE JOINT SHALL BE REMOVED BEFORE THE ADJACENT LANE IS PAVED. THIS WORK IS INCLUDED IN THE POLYMERIZED BITUMINOUS CONCRETE PAVEMENT.

SEQUENCE OF CONSTRUCTION

- NIGHT WORK ONLY
- USE TRAFFIC CONTROL STANDARD 701401
 - MILL EXISTING BITUMINOUS SURFACE FROM DRIVING LANE
 - RUBBLIZE EXISTING CONCRETE PAVEMENT
 - APPLY FOG COAT WITH EMULSIFIED POLYMER PRIME
 - INLAY 4" BITUMINOUS BINDER COURSE
 - PLACE TEMPORARY PAVEMENT MARKING
 - OPEN BOTH LANES TO DAYTIME TRAFFIC

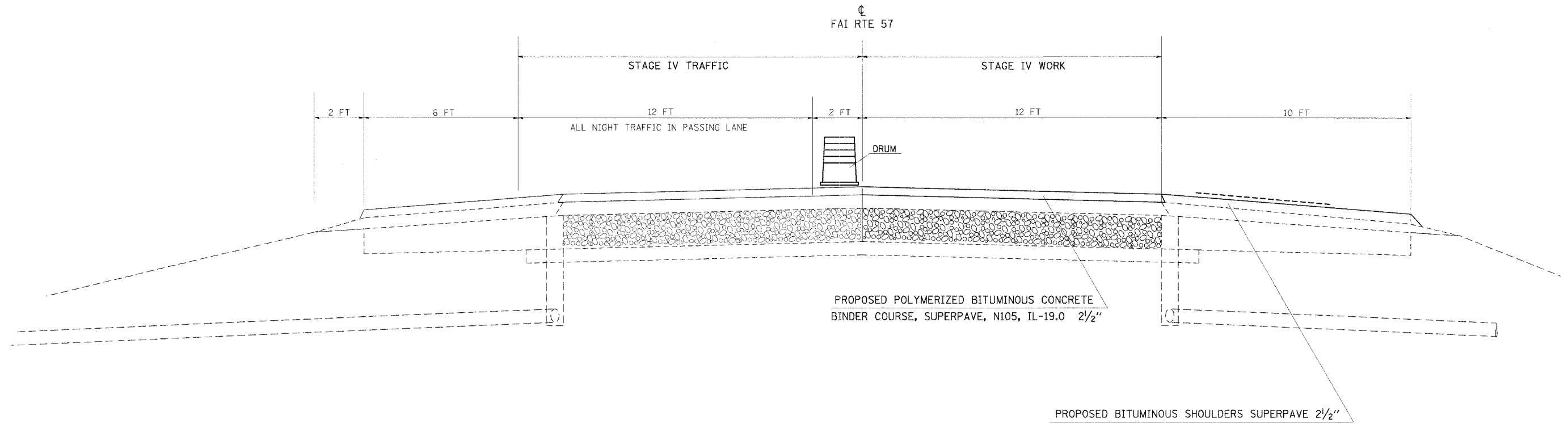
PLOT DATE = 4/11/2006
 PLOT SCALE = 5/8" = 1'-0"
 USER NAME = miller

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	39
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

RUBBLIZING AND PAVING SEQUENCE - STAGE IV

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



TO BE USED:

- STA 0+00 TO STA 79+50
- STA 83+70 TO STA 157+95.58
- STA 157+96.05 TO STA 163+40
- STA 193+20 TO STA 226+30
- STA 231+50 TO STA 253+10
- STA 257+25 TO STA 347+00.75
- STA 348+43.15 TO STA 361+50
- STA 365+30 TO STA 419+74.18
- STA 1461+00 TO STA 1465+00

STATION EQUATION

- EQUA. STA 289+26.45BK = STA 0+00AH
- EQUA STA 57+43.55BK = STA 57+46.55AH
- EQUA STA 157+95.58BK = STA 157+96.05AH
- EQUA STA 347+00.75BK = STA 348+43.15AH
- EQUA STA 419+74.18BK = STA 1461+00AH

NOTES:
SEQUENCE OF CONSTRUCTION:

NIGHT WORK ONLY

- USE TRAFFIC CONTROL STANDARD 701401
- APPLY FOG COAT WITH EMULSIFIED POLYMER PRIME
- PLACE OVERLAY 2 1/2" ON THE DRIVING LANE AND SHOULDER OVERLAY
- PLACE TEMPORARY PAVEMENT MARKING
- OPEN BOTH LANES TO DAYTIME TRAFFIC
- TRAFFIC CONTROL SIGNING RESTRICTING TRUCKS TO THE PASSING LANE MUST REMAIN IN PLACE
- LEAVE SIGNS STATING "TRUCKS MUST USE LEFT LANE" AND "TRUCKS LIABLE FOR PAVEMENT DAMAGE" IN PLACE
- AGGREGATE WEDGE SHOULDERS MAY BE PLACED AT ANYTIME HOWEVER, DAYTIME LANE CLOSURES WILL NOT BE ALLOWED.

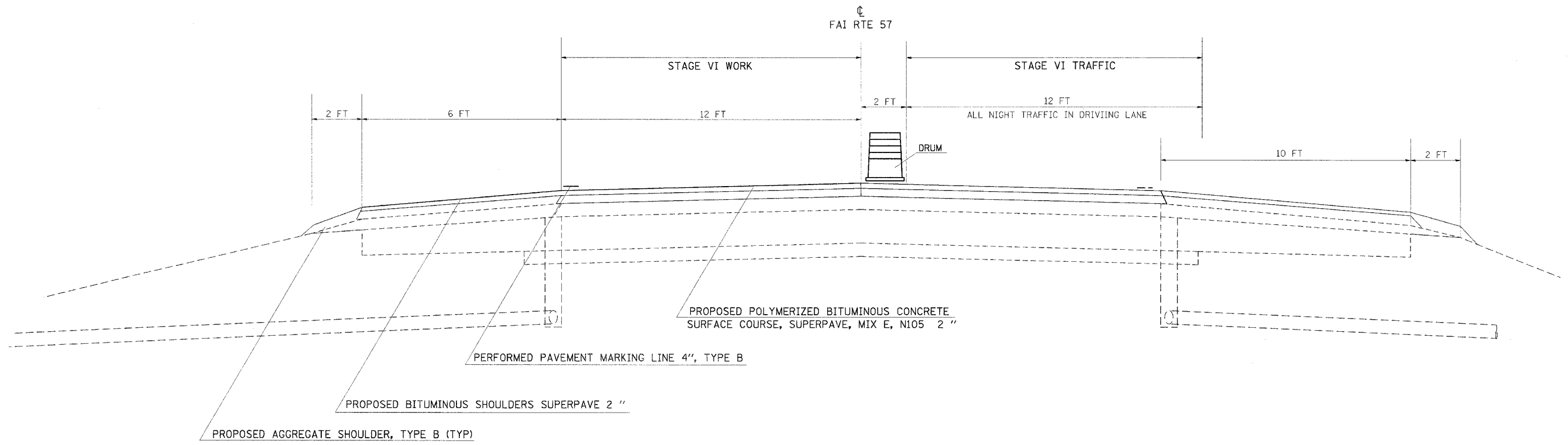
PLOT DATE = 4/11/2006
 PLOT BY = JMM
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = millerte

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	41
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

RUBBLIZING AND PAVING SEQUENCE - STAGE VI

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



NOTES:
 SEQUENCE OF CONSTRUCTION:

NIGHT WORK ONLY

- USE TRAFFIC CONTROL STANDARD 701401
- APPLY FOG COAT WITH EMULSIFIED POLYMER PRIME
- PLACE 2" SURFACE, PLACE SHOULDER OVERLAY 2"
- OPEN BOTH LANES TO DAYTIME TRAFFIC WITHOUT RESTRICTIONS
- AGGREGATE WEDGE SHOULDER MAY BE PLACED AFTER BITUMINOUS SHOULDER, HOWEVER DAYTIME LANE CLOSURES WILL NOT BE ALLOWED.
- INLAYED PERMANENT PAVEMENT MARKING, PREFORMED PLASTIC MARKERS TYPE B, 6"

TO BE USED:

- STA 0+00 TO STA 79+50
- STA 83+70 TO STA 157+95.58
- STA 157+96.05 TO STA 163+40
- STA 193+20 TO STA 226+30
- STA 231+50 TO STA 253+10
- STA 257+25 TO STA 347+00.75
- STA 348+43.15 TO STA 361+50
- STA 365+30 TO STA 419+74.18
- STA 1461+00 TO STA 1465+00

STATION EQUATION

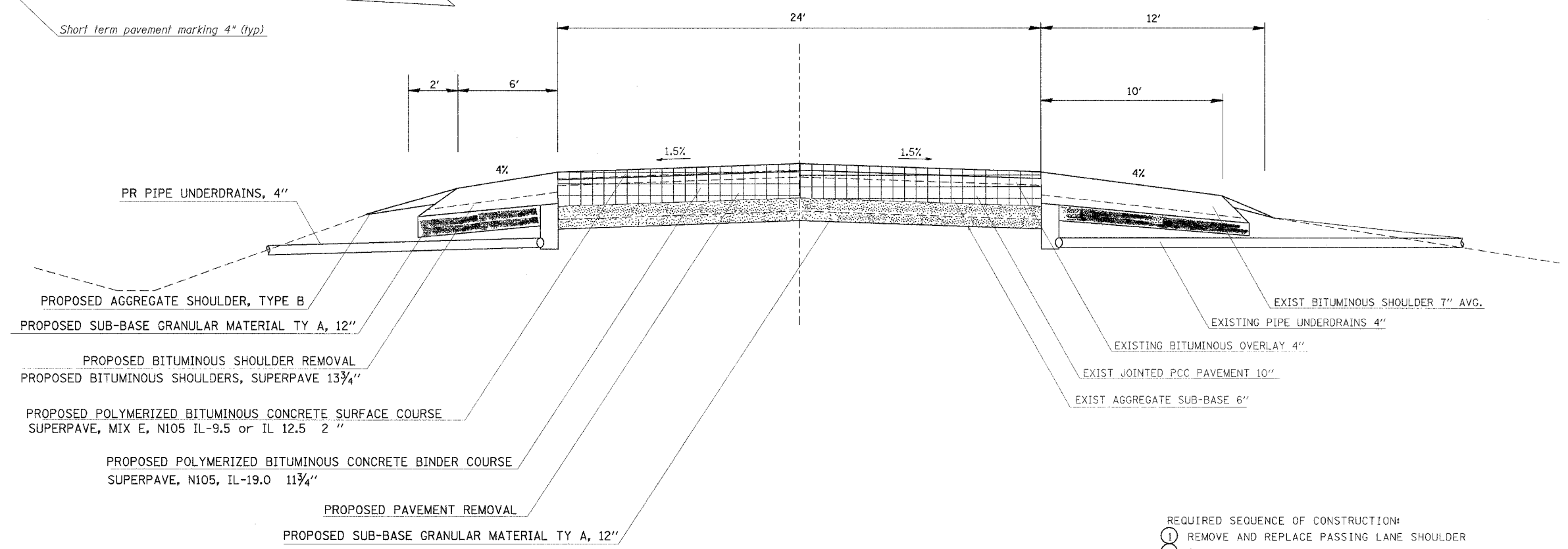
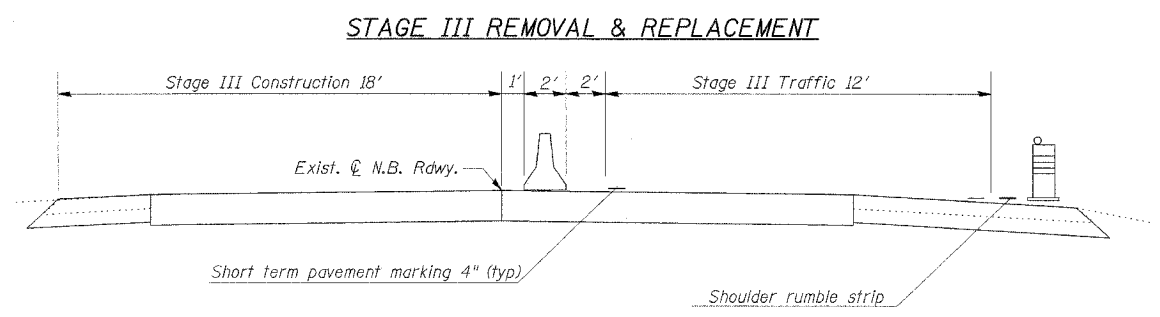
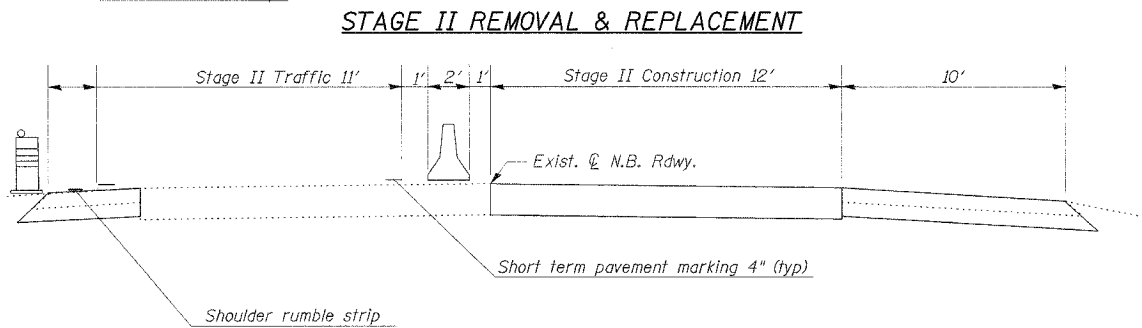
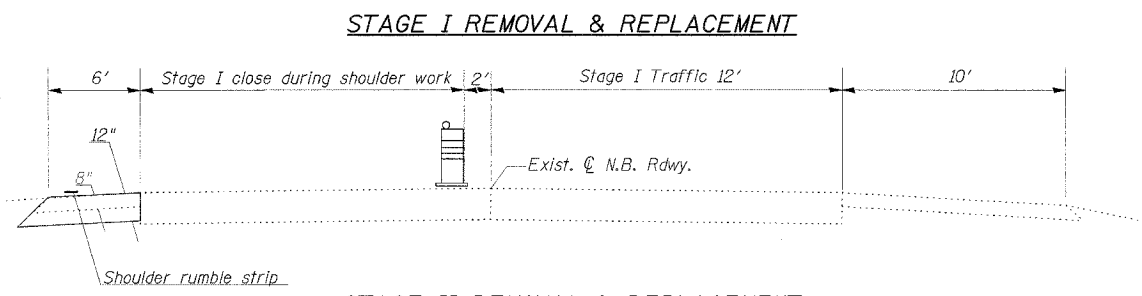
- EQUA. STA 289+26.45BK = STA 0+00AH
- EQUA STA 57+43.55BK = STA 57+46.55AH
- EQUA STA 157+95.58BK = STA 157+96.05AH
- EQUA STA 347+00.75BK = STA 348+43.15AH
- EQUA STA 419+74.18BK = STA 1461+00AH

PLOT DATE = 4/11/2006
 PLOT SCALE = 5/8" = 1' IN
 USER NAME = miller

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	42
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* [X1-(4,4-1,5,6,6-2)] R-1				

STAGE CONSTRUCTION VII PAVEMENT REPLACEMENT ON I-57 UNDER THE OVERPASSES

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



NOTES:

- ANY SUBGRADE EXCAVATION OR EARTHWORK NEEDED TO CONSTRUCT THE SUB-BASE GRANULAR MATERIAL OR SHOULDERS WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF THE SUBBASE.
- THE EXCAVATED MATERIAL FROM THE PIPE UNDERDRAIN 4" TRENCH WILL NOT BE ALLOWED ON THE FORESLOPES OR WITHIN THE PROJECT'S RIGHT-OF-WAY.
- THE TRENCH SHALL BE CLEARED OF ALL EXISTING PIPE AND FABRIC TO THE SATISFACTION OF THE ENGINEER PRIOR TO THE PLACEMENT OF THE PROPOSED PIPE UNDERDRAINS 4". REMOVAL OF THE EXISTING PIPE UNDERDRAIN SYSTEM IS INCLUDED IN THE COST OF THE PROPOSED PIPE UNDERDRAIN 4".
- THE STAGE CONSTRUCTION OF THIS SECTION WILL UTILIZE TEMPORARY CONCRETE BARRIER WALL TO PROTECT TRAFFIC FROM THE OPEN TRENCH.

TO BE USED:
UNDER TR 23 (STIRITZ ROAD) OVERPASS
NB LANES ONLY: STA 79+50 TO 83+70

UNDER FAS 903 (JOHNSTON CITY INTERCHANGE) OVERPASS
NB LANES ONLY: STA 163+40 TO 168+10

UNDER CH 4 (STOTLAR ROAD) OVERPASS
NB LANES ONLY: STA 253+10 TO 257+25

UNDER TR 241 (CEDAR GROVE) OVERPASS
NB LANES ONLY: STA 361+50 TO 365+30

- REQUIRED SEQUENCE OF CONSTRUCTION:
- REMOVE AND REPLACE PASSING LANE SHOULDER
 - REMOVE DRIVING LANE PAVEMENT AND SHOULDER
 - CONSTRUCT SUBBASE AND BITUMINOUS BINDER PAVEMENT DRIVING LANE
 - TRENCH & PLACE DRIVING LANE UNDERDRAINS
 - CONSTRUCT OUTSIDE BITUMINOUS SHOULDER
 - REMOVE PASSING LANE PAVEMENT AND SHOULDER
 - CONSTRUCT SUBBASE AND BITUMINOUS BINDER PAVEMENT PASSING LANE
 - TRENCH & PLACE PASSING LANE UNDERDRAINS
 - CONSTRUCT INSIDE BITUMINOUS SHOULDER

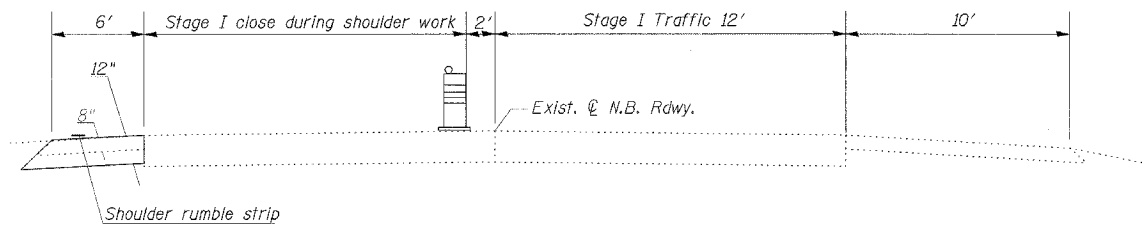
LEGEND

	AGGREGATE SUB-BASE
	PAVEMENT REMOVAL - (SAW CUTS INCIDENTAL)

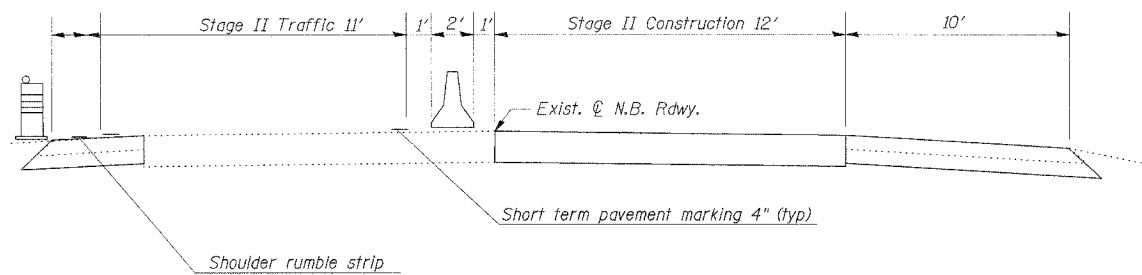
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FILE NAME = c:\p05\mca\9801685\c9801685.dwg
PLOT SCALE = 1/8" = 1'-0"
USER NAME = miller

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	43
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* [X1-(4,4-1,5,6,6-2)] R-1				

STAGE I REMOVAL & REPLACEMENT



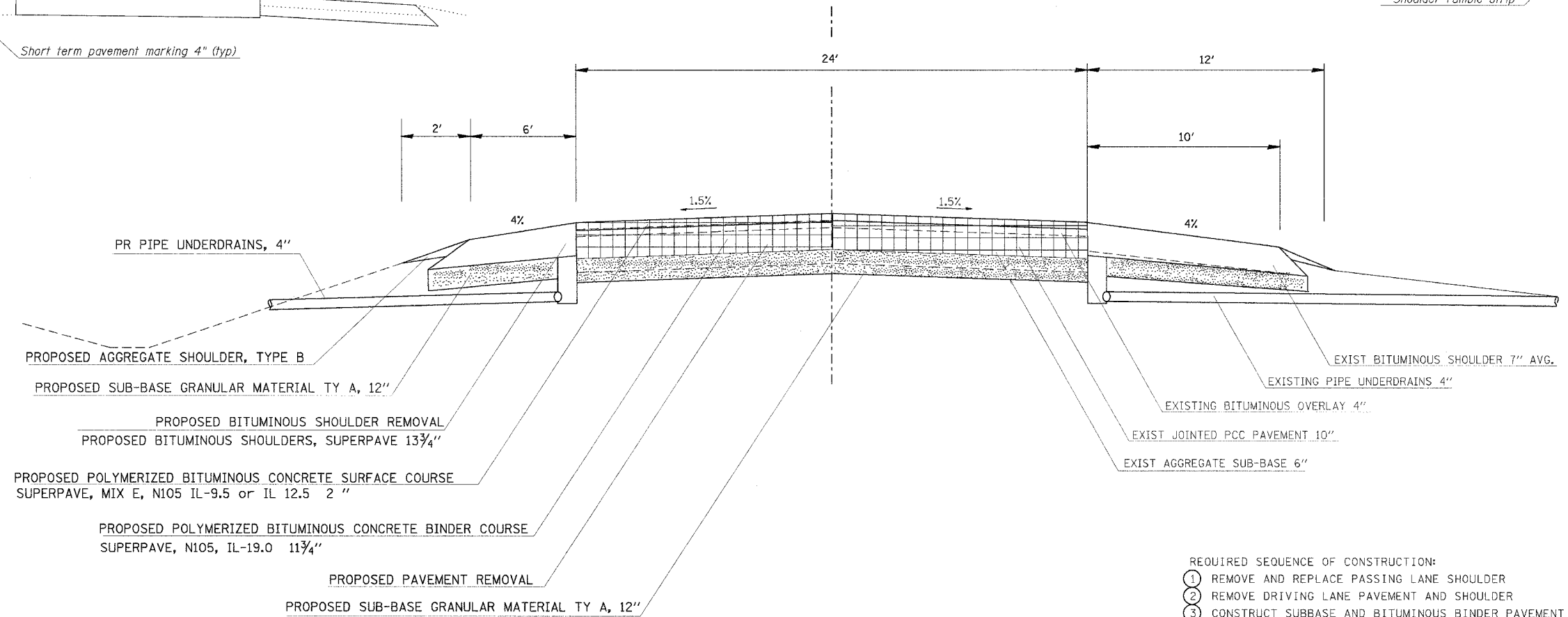
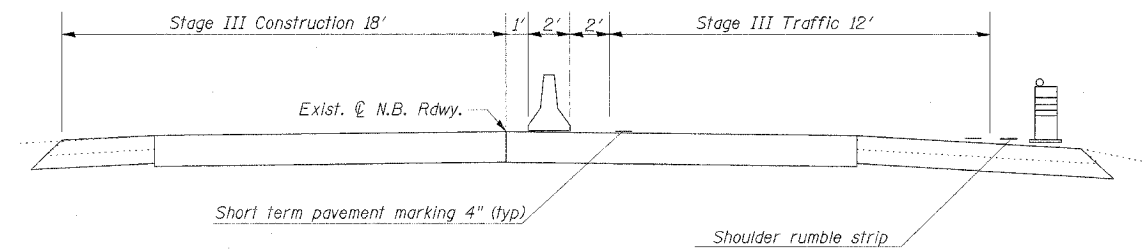
STAGE II REMOVAL & REPLACEMENT



**STAGE CONSTRUCTION VIII
PAVEMENT REPLACEMENT ON I-57
ADJACENT TO BRIDGE APPROACHES**

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

STAGE III REMOVAL & REPLACEMENT



- REQUIRED SEQUENCE OF CONSTRUCTION:
- 1 REMOVE AND REPLACE PASSING LANE SHOULDER
 - 2 REMOVE DRIVING LANE PAVEMENT AND SHOULDER
 - 3 CONSTRUCT SUBBASE AND BITUMINOUS BINDER PAVEMENT DRIVING LANE
 - 4 TRENCH & PLACE DRIVING LANE UNDERDRAINS
 - 5 CONSTRUCT OUTSIDE BITUMINOUS SHOULDER
 - 6 REMOVE PASSING LANE PAVEMENT AND SHOULDER
 - 7 CONSTRUCT SUBBASE AND BITUMINOUS BINDER PAVEMENT PASSING LANE
 - 8 TRENCH & PLACE PASSING LANE UNDERDRAINS
 - 9 CONSTRUCT INSIDE BITUMINOUS SHOULDER

NOTES:

1. ANY SUBGRADE EXCAVATION OR EARTHWORK NEEDED TO CONSTRUCT THE SUB-BASE GRANULAR MATERIAL OR SHOULDERS WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF THE SUBBASE.
2. THE EXCAVATED MATERIAL FROM THE PIPE UNDERDRAIN 4" TRENCH WILL NOT BE ALLOWED ON THE FORESLOPES OR WITHIN THE PROJECT'S RIGHT-OF-WAY.
3. THE TRENCH SHALL BE CLEARED OF ALL EXISTING PIPE AND FABRIC TO THE SATISFACTION OF THE ENGINEER PRIOR TO THE PLACEMENT OF THE PROPOSED PIPE UNDERDRAINS 4". REMOVAL OF THE EXISTING PIPE UNDERDRAIN SYSTEM IS INCLUDED IN THE COST OF THE PROPOSED PIPE UNDERDRAIN 4".
4. THE STAGE CONSTRUCTION OF THIS SECTION WILL UTILIZE TEMPORARY CONCRETE BARRIER WALL TO PROTECT TRAFFIC FROM THE OPEN TRENCH.

TO BE USED:

LAKE CREEK BRANCH BRIDGE (100-0010)

NB LANES ONLY: STA 226+30 TO STA 228+16.5 & STA 229+15 TO STA 231+50

LEGEND

- AGGREGATE SUB-BASE
- PAVEMENT REMOVAL - (SAW CUTS INCIDENTAL)

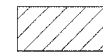
PLOT DATE = 4/11/2006
 FILE NAME = c:\puro\sect\1926205\1926205.dwg
 PLOT SCALE = 5,000.00 / IN.
 USER NAME = miller19

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	44
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

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

DAY I

LEGEND



RUBBLIZATION & 4" BINDER



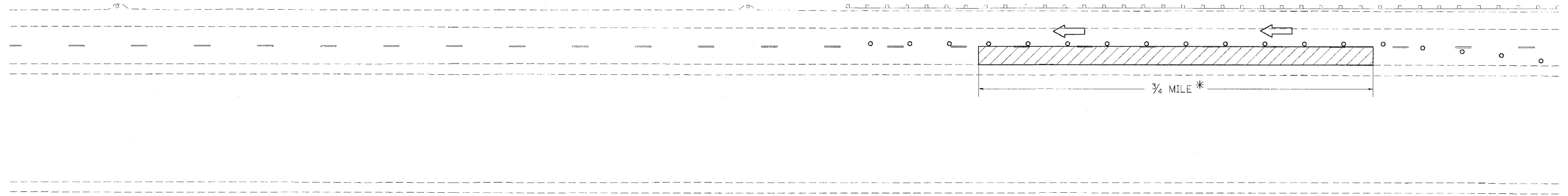
TRAFFIC FLOW



DRUM

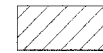
- SEQUENCE:
- ① ERECT SIGNS "TRUCKS USE RIGHT LANE"
 - ② CLOSE PASSING LANE
 - ③ MILL EXISTING 4" BITUMINOUS PAVEMENT
 - ④ RUBBLIZE EXISTING PCC PAVEMENT
 - ⑤ SURFACE RUBBLIZED PAVEMENT WITH 4" BINDER COURSE

NOTES: USE TRAFFIC CONTROL STANDARD 701401 FOR ALL STAGES
* THIS LENGTH WILL DEPEND ON PRODUCTION RATES



DAY II

LEGEND



RUBBLIZATION & 4" BINDER



TRAFFIC FLOW



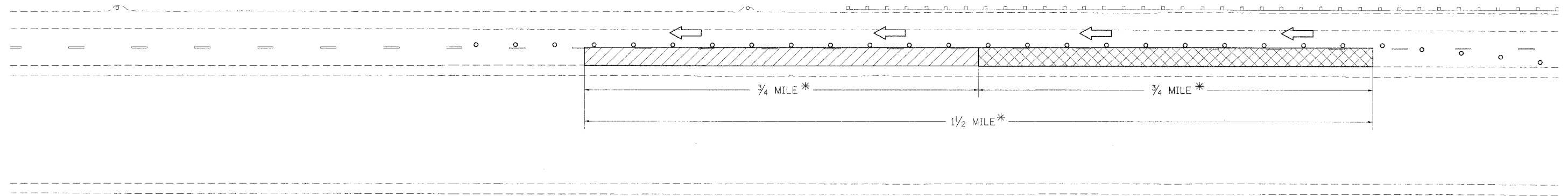
2 1/2" BINDER COURSE



DRUM

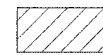
- SEQUENCE:
- ① CLOSE PASSING LANE
 - ② MILL EXISTING 4" BITUMINOUS PAVEMENT
 - ③ RUBBLIZE EXISTING PCC PAVEMENT
 - ④ SURFACE STAGE I BINDER COURSE WITH 2 1/2" BINDER COURSE
 - ⑤ SURFACE RUBBLIZED PAVEMENT WITH 4" BINDER COURSE

NOTES: USE TRAFFIC CONTROL STANDARD 701401 FOR ALL STAGES
* THIS LENGTH WILL DEPEND ON PRODUCTION RATES



DAY III

LEGEND



RUBBLIZATION & 4" BINDER



TRAFFIC FLOW



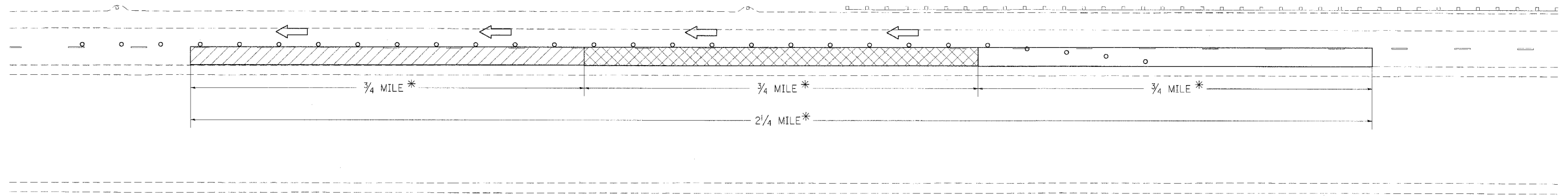
2 1/2" BINDER COURSE



DRUM

- SEQUENCE:
- ① CLOSE PASSING LANE
 - ② MILL EXISTING 4" BITUMINOUS PAVEMENT
 - ③ RUBBLIZE EXISTING PCC PAVEMENT
 - ④ SURFACE STAGE II BINDER COURSE WITH 2 1/2" BINDER COURSE
 - ⑤ SURFACE RUBBLIZED PAVEMENT WITH 4" BINDER COURSE

NOTES: USE TRAFFIC CONTROL STANDARD 701401 FOR ALL STAGES
* THIS LENGTH WILL DEPEND ON PRODUCTION RATES


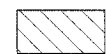




PLOT DATE = 3/25/2006
PLOT SCALE = 3/8" = 1' IN.
USER NAME = shupar-dgd

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	45
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
* [X1-(4,4-1,5,6,6-2)] R-1				

DAY IV

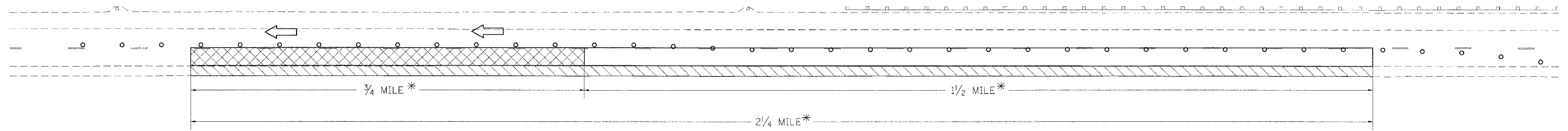
LEGEND

-  2 1/2" BINDER COURSE
-  BITUMINOUS SHOULDER

-  TRAFFIC FLOW
-  DRUM

- SEQUENCE:
- ① CLOSE PASSING LANE
 - ② SURFACE STAGE III BINDER COURSE WITH 2 1/2" BINDER COURSE
 - ③ PAVE BITUMINOUS SHOULDER ADJACENT TO PASSING LANE



NOTES: USE TRAFFIC CONTROL STANDARD 701401 FOR ALL STAGES
 * THIS LENGTH WILL DEPEND ON PRODUCTION RATES



DAY V

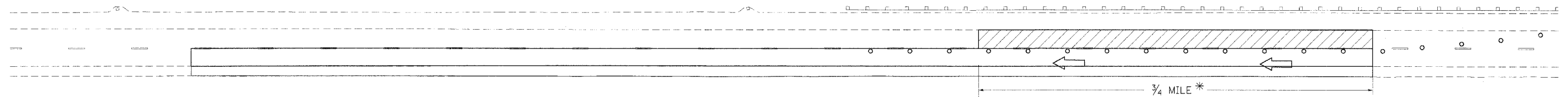
LEGEND

-  RUBBLIZATION & 4" BINDER

-  TRAFFIC FLOW
-  DRUM

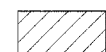

- SEQUENCE:
- ① ERECT SIGNS "TRUCKS USE LEFT LANE"
 - ② CLOSE DRIVING LANE
 - ③ MILL EXISTING 4" BITUMINOUS PAVEMENT
 - ④ RUBBLIZE EXISTING PCC PAVEMENT
 - ⑤ SURFACE RUBBLIZED PAVEMENT WITH 4" BINDER COURSE



NOTES: USE TRAFFIC CONTROL STANDARD 701401 FOR ALL STAGES
 * THIS LENGTH WILL DEPEND ON PRODUCTION RATES



DAY VI

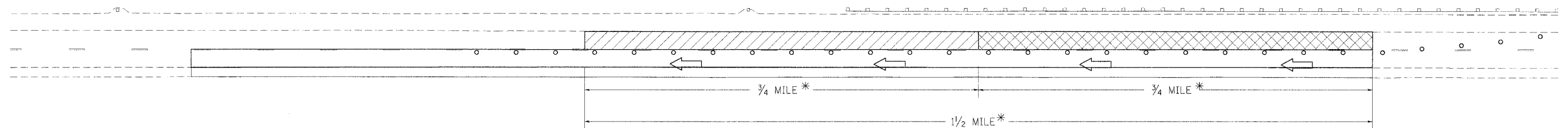
LEGEND

-  RUBBLIZATION & 4" BINDER
-  2 1/2" BINDER COURSE

-  TRAFFIC FLOW
-  DRUM

- SEQUENCE:
- ① CLOSE DRIVING LANE
 - ② MILL EXISTING 4" BITUMINOUS PAVEMENT
 - ③ RUBBLIZE EXISTING PCC PAVEMENT
 - ④ SURFACE STAGE V BINDER COURSE WITH 2 1/2" BINDER COURSE
 - ⑤ SURFACE RUBBLIZED PAVEMENT WITH 4" BINDER COURSE

NOTES: USE TRAFFIC CONTROL STANDARD 701401 FOR ALL STAGES
 * THIS LENGTH WILL DEPEND ON PRODUCTION RATES





PLOT DATE = 3/29/2005
 PLOT SCALE = 3/8" = 1'-0"
 USER NAME = aheper-dgd



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	46
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

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

DAY VII

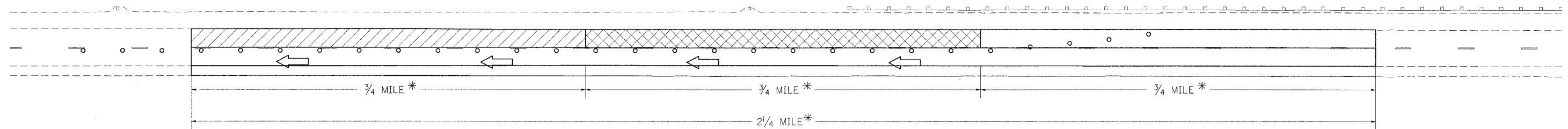
LEGEND

-  RUBBLIZATION & 4" BINDER
-  2 1/2" BINDER COURSE

-  TRAFFIC FLOW
-  DRUM



- SEQUENCE:
- 1 CLOSE DRIVING LANE
 - 2 MILL EXISTING 4" BITUMINOUS PAVEMENT
 - 3 RUBBLIZE EXISTING PCC PAVEMENT
 - 4 SURFACE STAGE VI BINDER COURSE WITH 2 1/2" BINDER COURSE
 - 5 SURFACE RUBBLIZED PAVEMENT WITH 4" BINDER COURSE



NOTES: USE TRAFFIC CONTROL STANDARD 701401 FOR ALL STAGES
* THIS LENGTH WILL DEPEND ON PRODUCTION RATES



DAY VIII

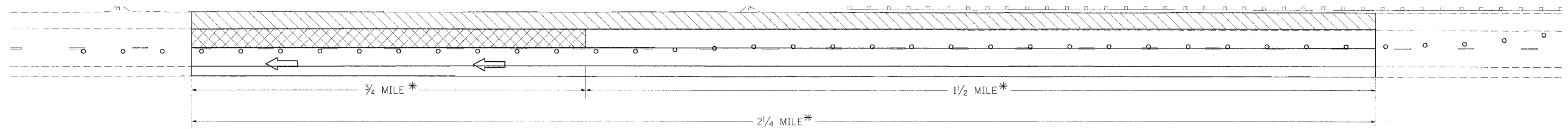
LEGEND

-  2 1/2" BINDER COURSE
-  BITUMINOUS SHOULDER

-  TRAFFIC FLOW
-  DRUM


- SEQUENCE:
- 1 CLOSE DRIVING LANE
 - 2 SURFACE STAGE VII BINDER COURSE WITH 2 1/2" BINDER COURSE
 - 3 PAVE BITUMINOUS SHOULDER ADJACENT TO DRIVING LANE



NOTES: USE TRAFFIC CONTROL STANDARD 701401 FOR ALL STAGES
* THIS LENGTH WILL DEPEND ON PRODUCTION RATES



DAY IX

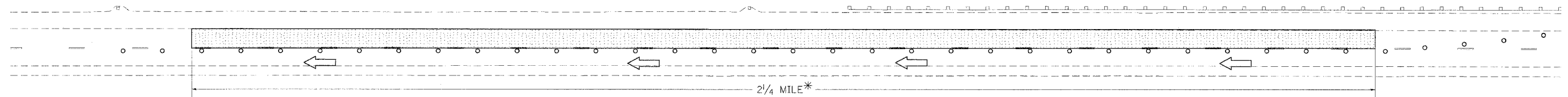
LEGEND

-  2" SURFACE COURSE

-  TRAFFIC FLOW
-  DRUM

- SEQUENCE:
- 1 CLOSE DRIVING LANE
 - 2 PAVE DRIVING LANE WITH 2" SURFACE COURSE
 - 3 COVER SIGNS "TRUCKS USE LEFT LANE"

NOTES: USE TRAFFIC CONTROL STANDARD 701401 FOR ALL STAGES
* THIS LENGTH WILL DEPEND ON PRODUCTION RATES



PLOT DATE = 3/29/2006
 FILE NAME = c:\pcc\proj\98948\p01625\p01625.dwg
 PLOT SCALE = 3/8" = 1' / IN.
 USER NAME = shesardp

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	47
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

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

DAY X

LEGEND



2" SURFACE COURSE



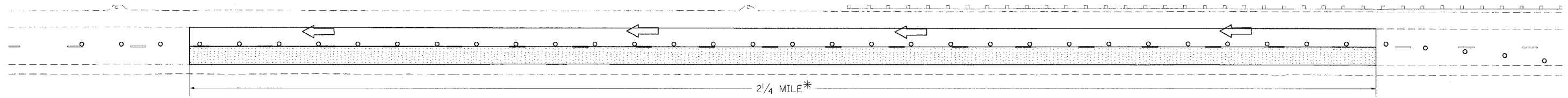
TRAFFIC FLOW



DRUM

SEQUENCE: ① CLOSE PASSING LANE
② PAVE PASSING LANE WITH 2" SURFACE COURSE

NOTES: USE TRAFFIC CONTROL STANDARD 701401 FOR ALL STAGES
* THIS LENGTH WILL DEPEND ON PRODUCTION RATES



DAY XI

LEGEND



BITUMINOUS SHOULDER



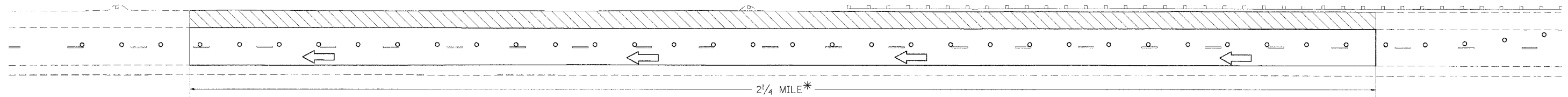
TRAFFIC FLOW



DRUM

SEQUENCE: ① CLOSE DRIVING LANE
② PAVE BITUMINOUS SHOULDER ADJACENT TO DRIVING LANE

NOTES: USE TRAFFIC CONTROL STANDARD 701401 FOR ALL STAGES
* THIS LENGTH WILL DEPEND ON PRODUCTION RATES



DAY XII

LEGEND



BITUMINOUS SHOULDER



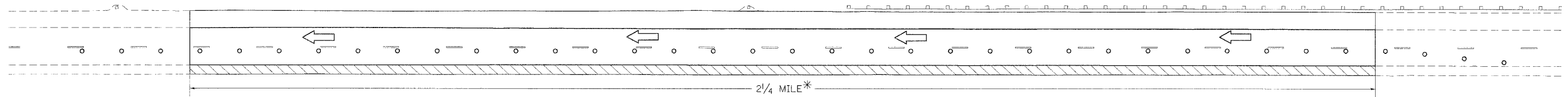
TRAFFIC FLOW



DRUM

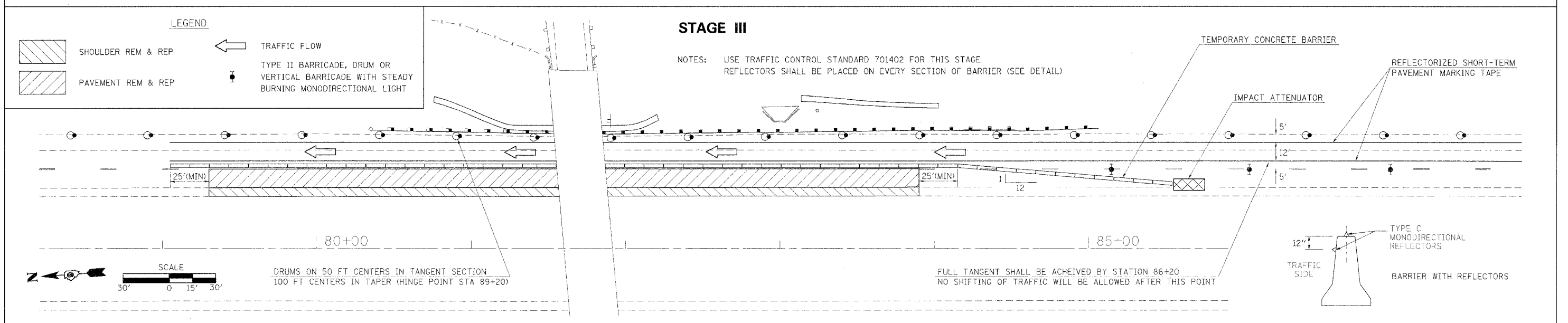
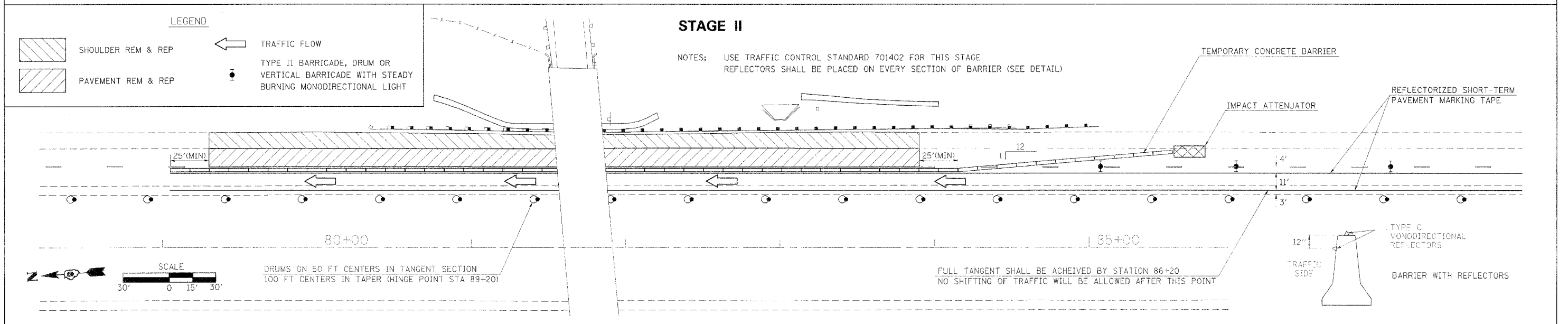
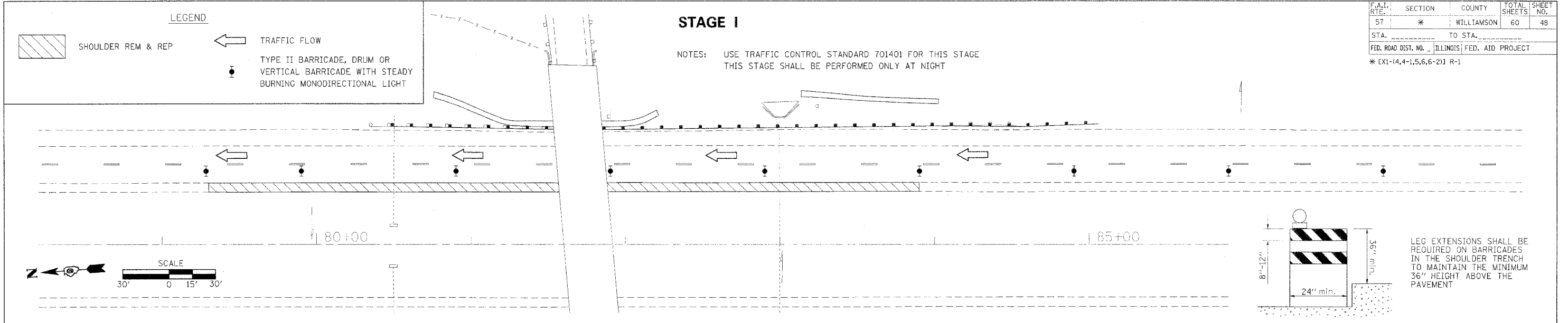
SEQUENCE: ① CLOSE PASSING LANE
② PAVE BITUMINOUS SHOULDER ADJACENT TO PASSING LANE

NOTES: USE TRAFFIC CONTROL STANDARD 701401 FOR ALL STAGES
* THIS LENGTH WILL DEPEND ON PRODUCTION RATES



PLOT DATE = 3/29/2006
FILE NAME = c:\p\c\proj\98948\p101685\p101685.dwg
PLOT SCALE = 3/8"=1'-0"
USER NAME = shapovsg

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	48
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
* [X1-(4,4-1,5,6,6-2)] R-1				



PLOT DATE = 4/17/2006
 PLOT SCALE = 3/8"=1'-0"
 USER NAME = thomashf

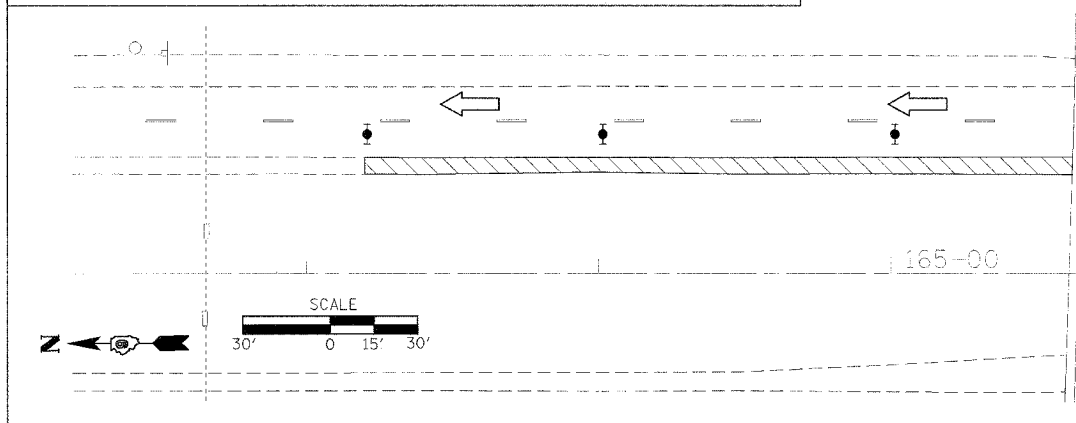
F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	49
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
* (X1-4,4-1,5,6,6-2) R-1				

LEGEND

SHOULDER REM & REP

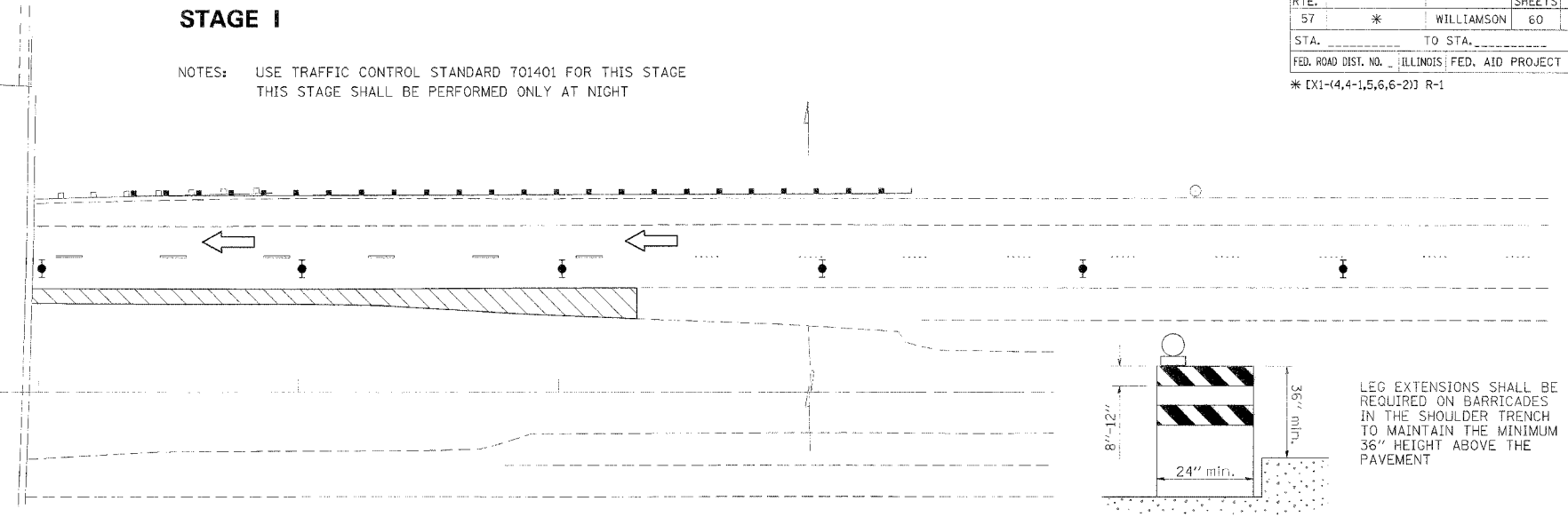
TRAFFIC FLOW

TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT



STAGE I

NOTES: USE TRAFFIC CONTROL STANDARD 701401 FOR THIS STAGE
THIS STAGE SHALL BE PERFORMED ONLY AT NIGHT



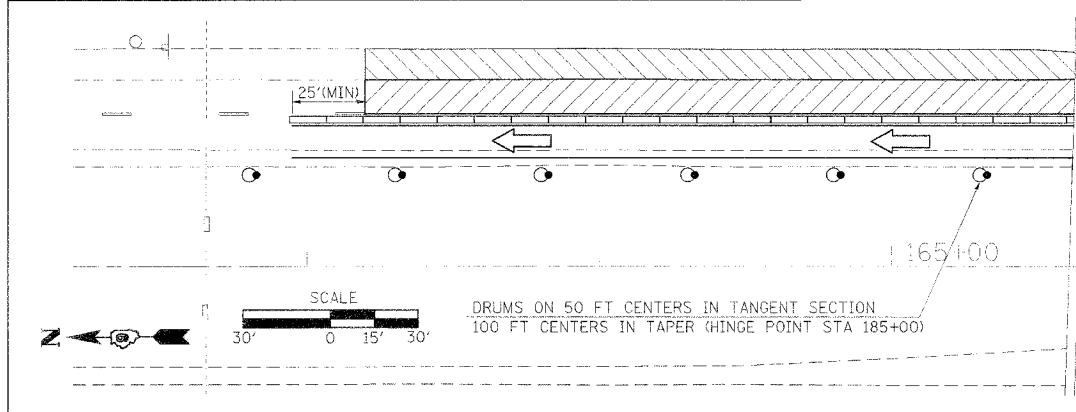
LEGEND

SHOULDER REM & REP

PAVEMENT REM & REP

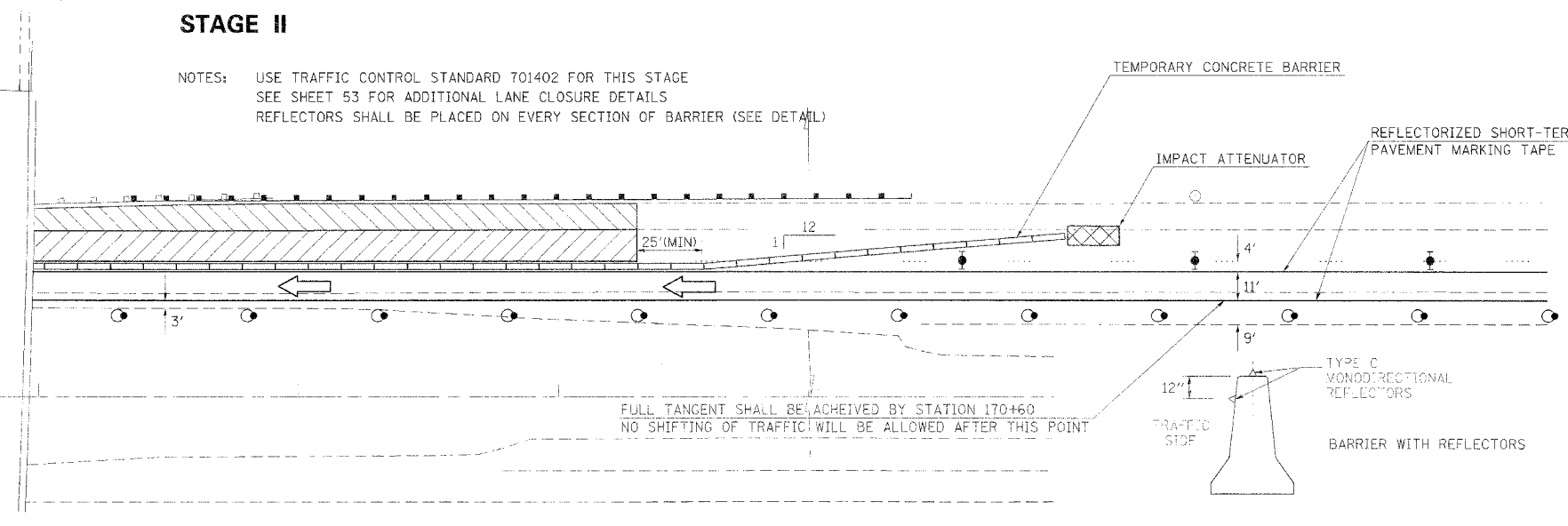
TRAFFIC FLOW

TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT



STAGE II

NOTES: USE TRAFFIC CONTROL STANDARD 701402 FOR THIS STAGE
SEE SHEET 53 FOR ADDITIONAL LANE CLOSURE DETAILS
REFLECTORS SHALL BE PLACED ON EVERY SECTION OF BARRIER (SEE DETAIL)



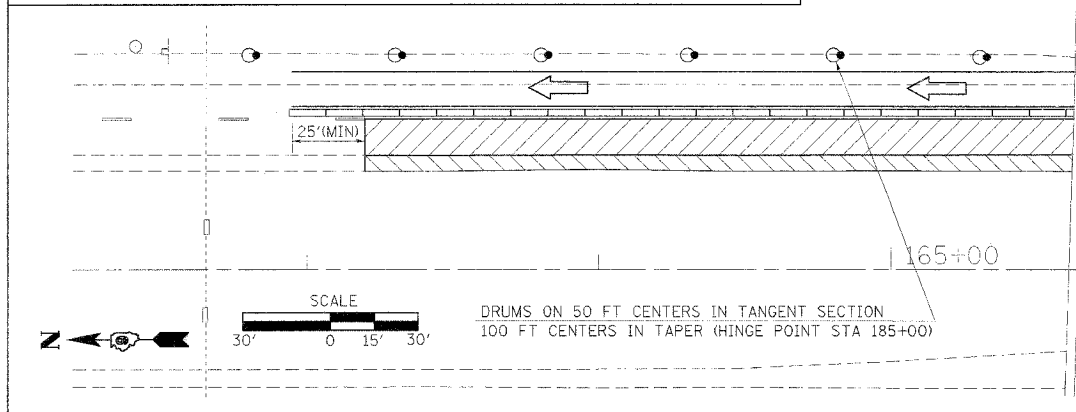
LEGEND

SHOULDER REM & REP

PAVEMENT REM & REP

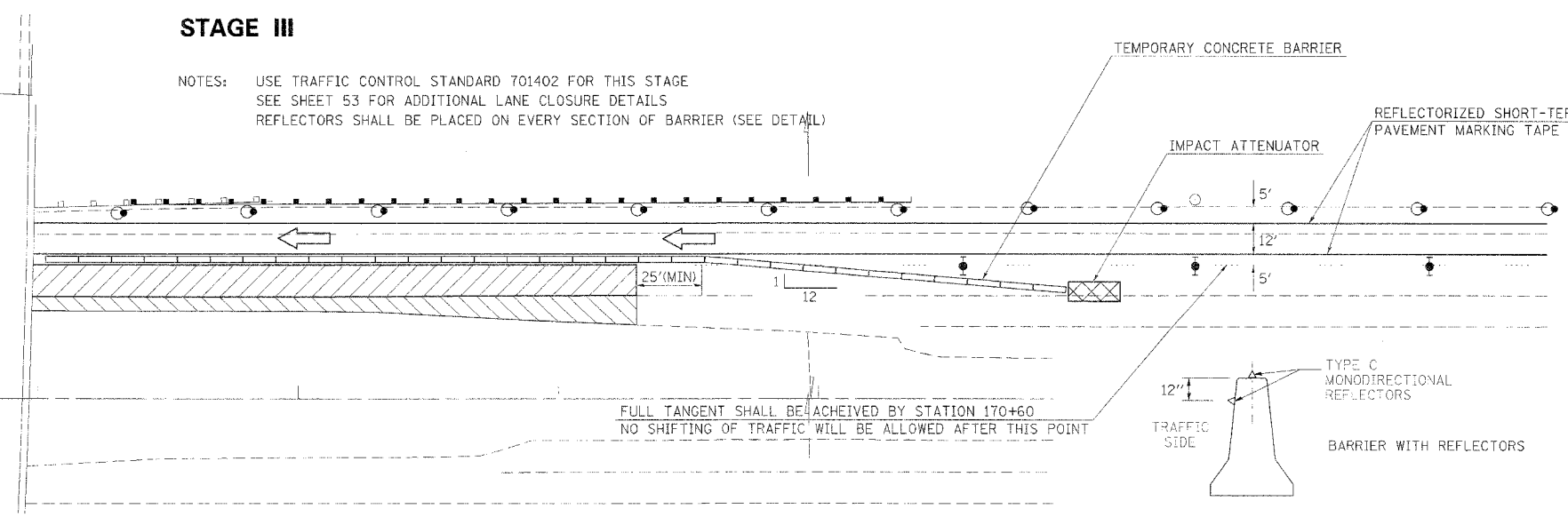
TRAFFIC FLOW

TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT



STAGE III

NOTES: USE TRAFFIC CONTROL STANDARD 701402 FOR THIS STAGE
SEE SHEET 53 FOR ADDITIONAL LANE CLOSURE DETAILS
REFLECTORS SHALL BE PLACED ON EVERY SECTION OF BARRIER (SEE DETAIL)



PLOT DATE = 4/17/2006
 PLOT SCALE = 3/8"=1'-0"
 USER NAME = thomahf

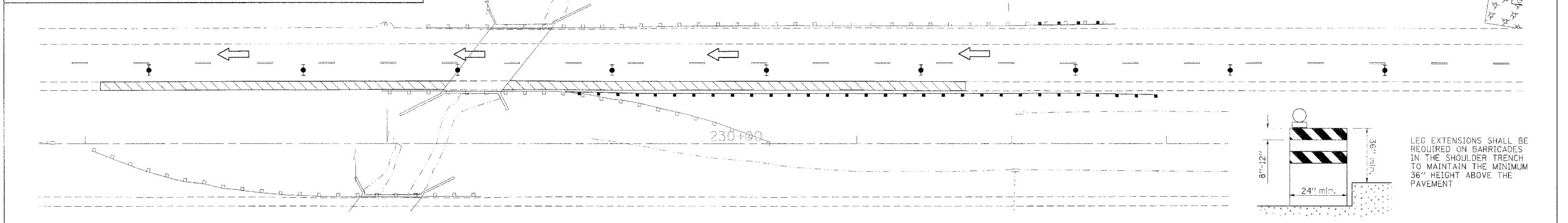
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	50
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
* [X1-(4,4-1,5,6,6-2)] R-1				

LEGEND

- SHOULDER REM & REP
- TRAFFIC FLOW
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT

STAGE I

NOTES: USE TRAFFIC CONTROL STANDARD 701401 FOR THIS STAGE
THIS STAGE SHALL BE PERFORMED ONLY AT NIGHT

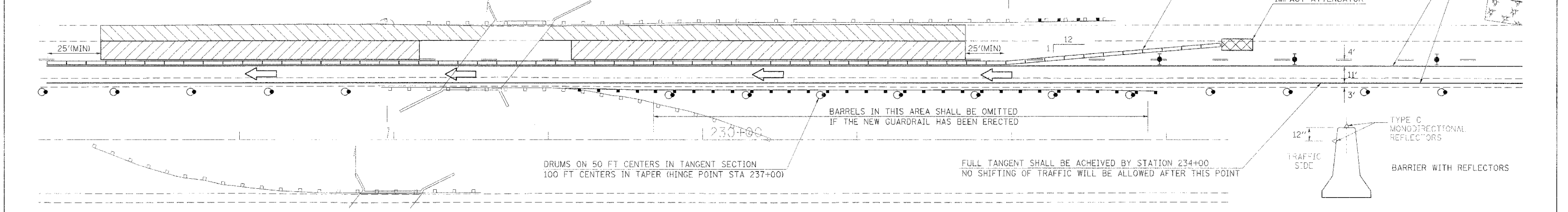


LEGEND

- SHOULDER REM & REP
- PAVEMENT REM & REP
- TRAFFIC FLOW
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT

STAGE II

NOTES: USE TRAFFIC CONTROL STANDARD 701402 FOR THIS STAGE
REFLECTORS SHALL BE PLACED ON EVERY SECTION OF BARRIER (SEE DETAIL)
ANY MISSING GUARDRAIL MARKERS SHALL BE REPLACED PRIOR TO PAVEMENT REMOVAL

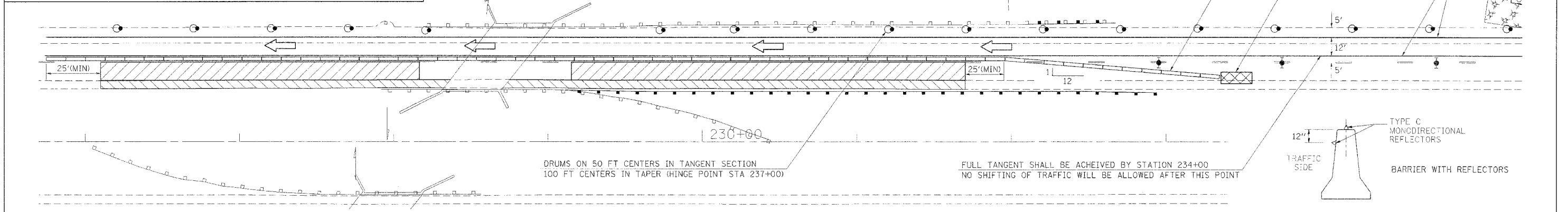


LEGEND

- SHOULDER REM & REP
- PAVEMENT REM & REP
- TRAFFIC FLOW
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT

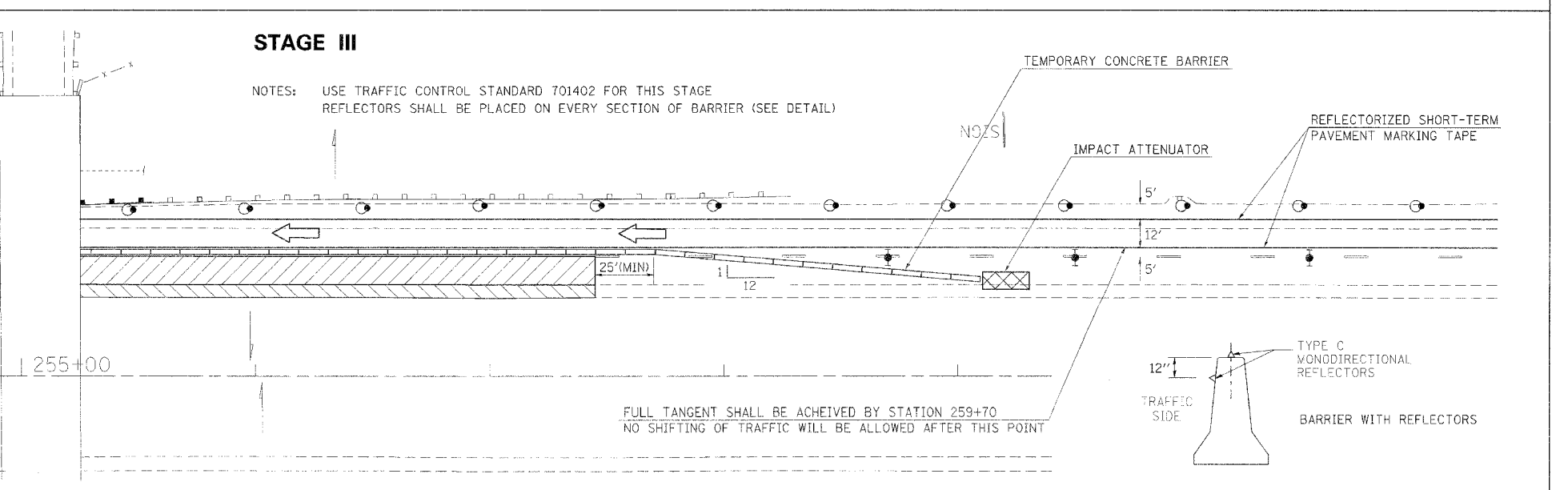
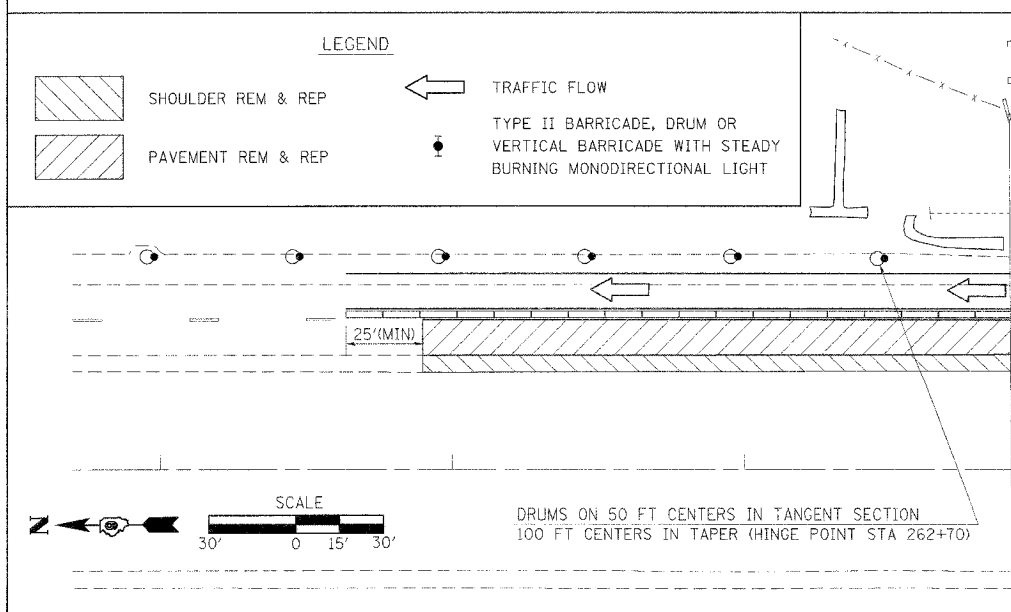
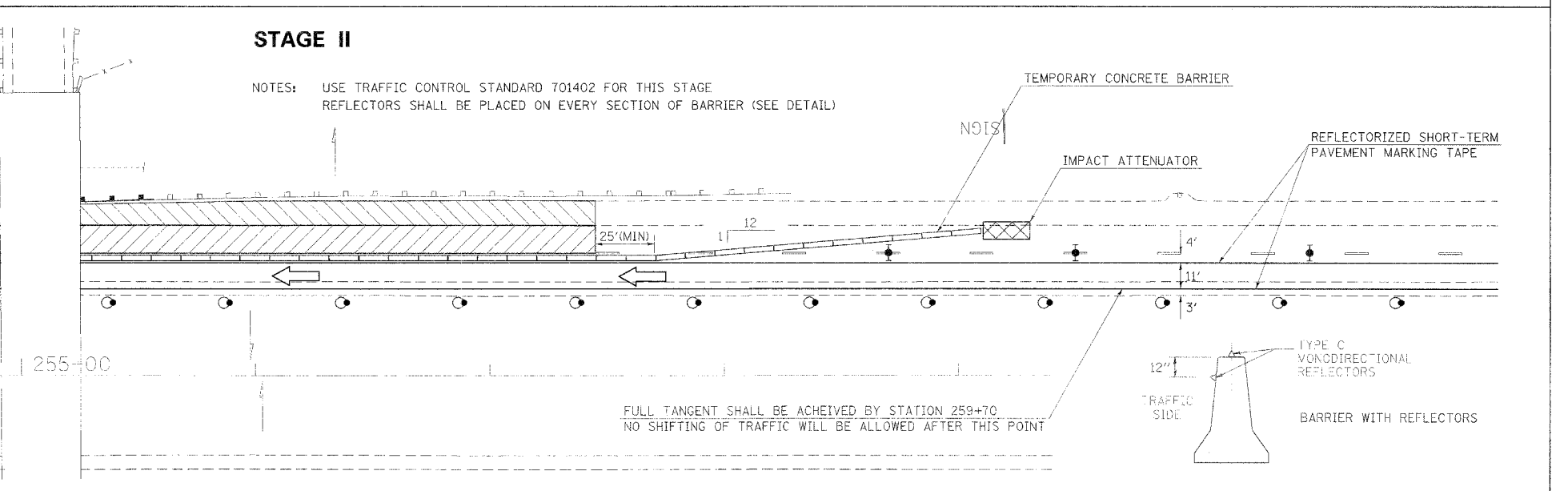
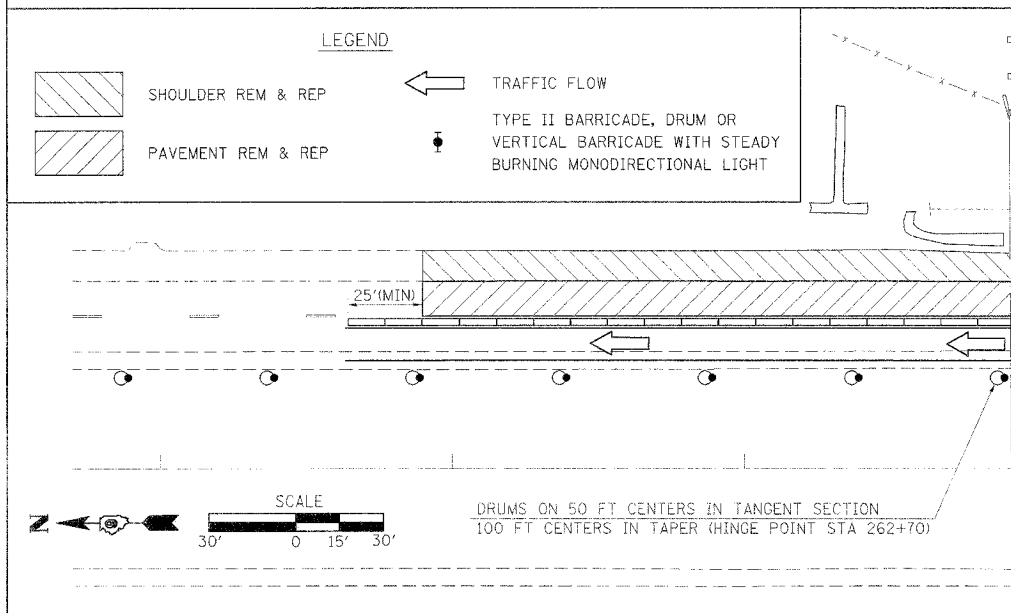
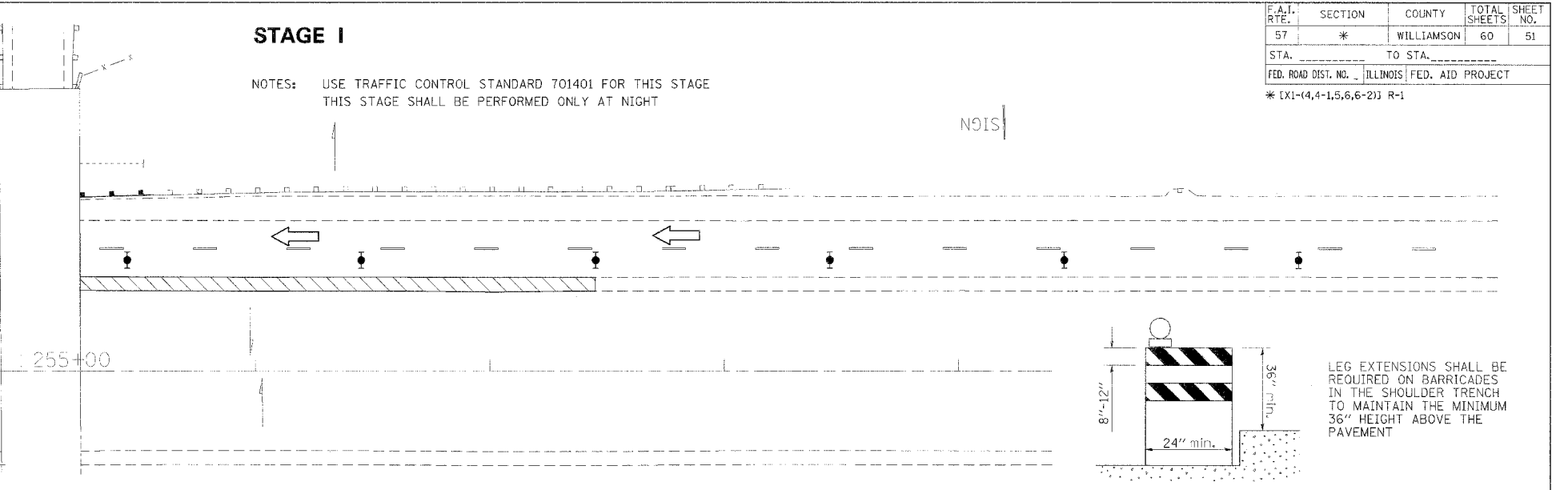
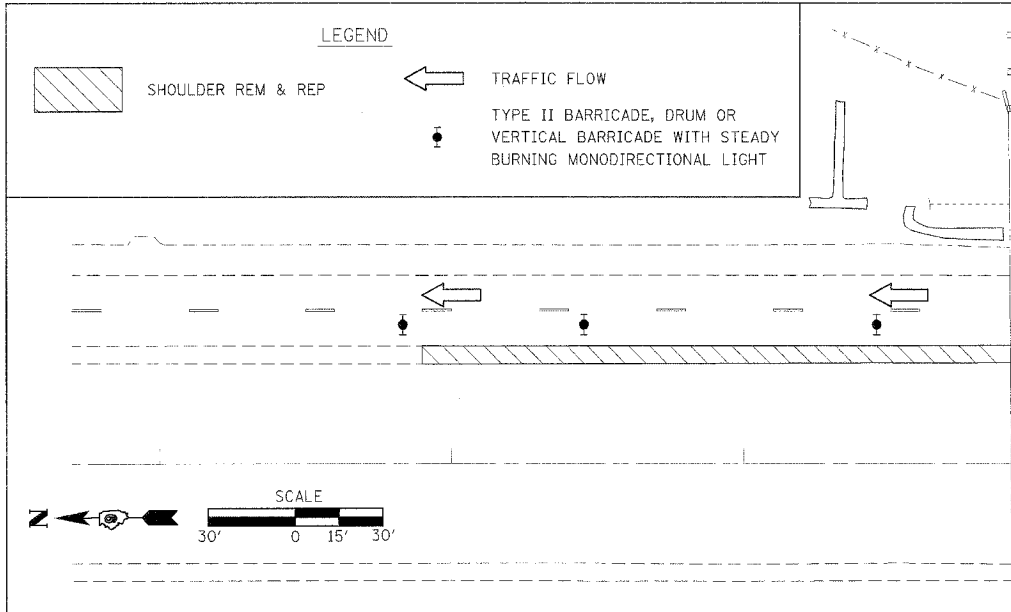
STAGE III

NOTES: USE TRAFFIC CONTROL STANDARD 701402 FOR THIS STAGE
REFLECTORS SHALL BE PLACED ON EVERY SECTION OF BARRIER (SEE DETAIL)
ANY MISSING GUARDRAIL MARKERS SHALL BE REPLACED PRIOR TO PAVEMENT REMOVAL



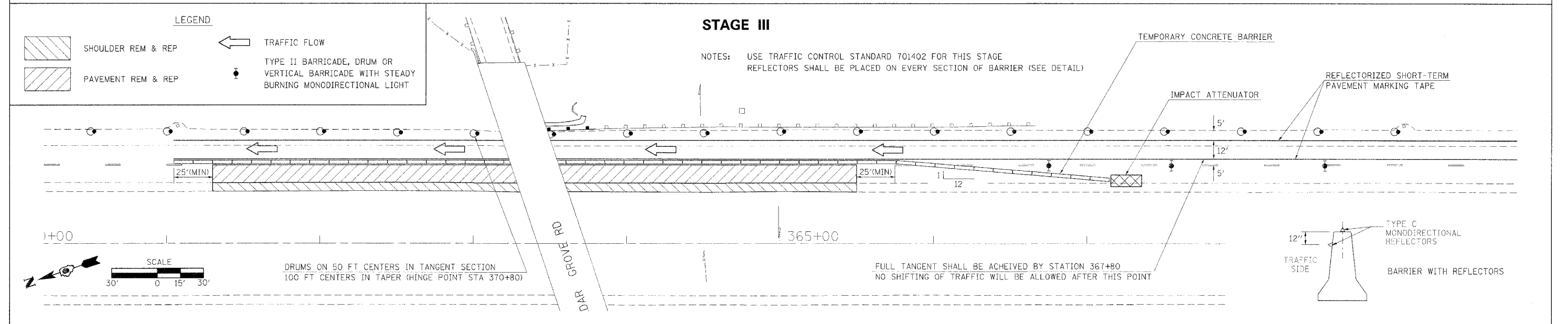
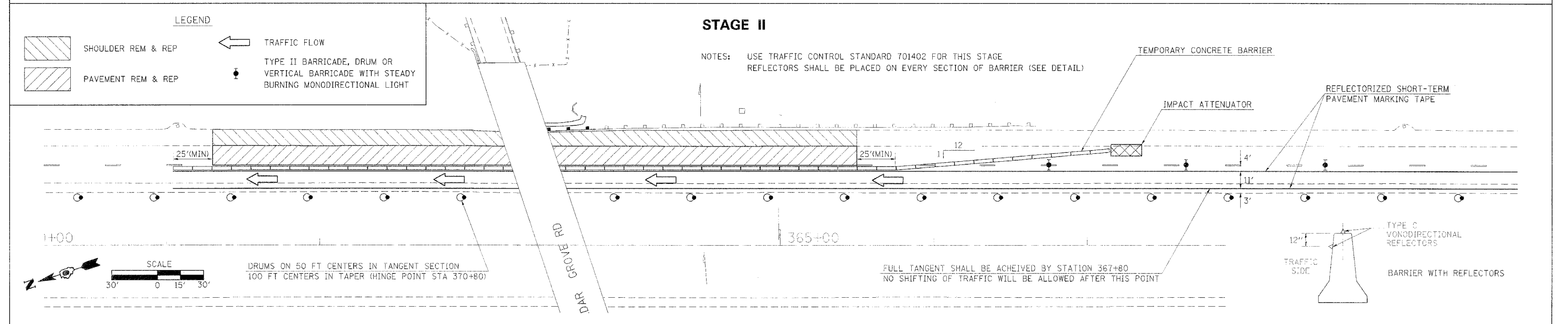
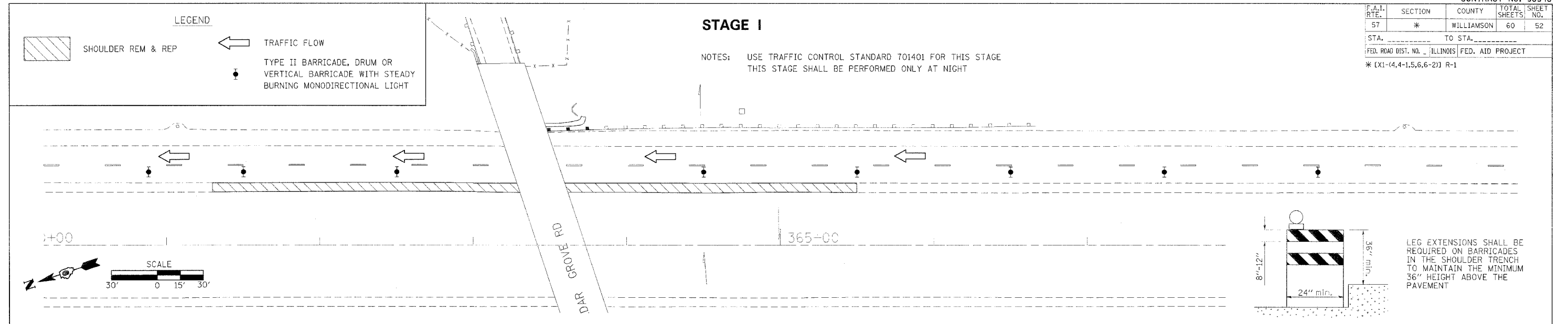
PLOT DATE = 4/17/2006
 PLOT SCALE = 30,000
 USER NAME = thomsonf

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	51
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
* [X1-(4,4-1,5,6,6-2)] R-1				



PLOT DATE = 4/17/2006
PLOT SCALE = 30,000 / IN.
USER NAME = thomshf

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	52
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
* [X1-(4,4-1,5,6,6-2)] R-1				



STAGING PLAN - FAU 9624 (CEDAR GROVE RD) OVERPASS - STA 360+50 TO 364+50

PLOT DATE = 4/17/2006
PLOT SCALE = 38.88000' / IN.
USER NAME = thomeahf

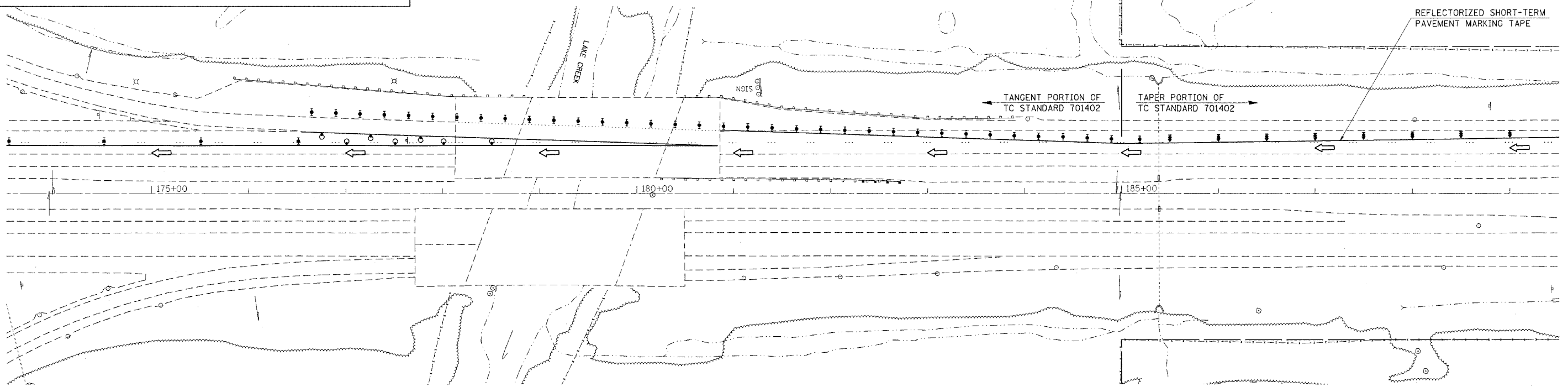
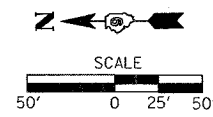
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	53
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		
* [X1-(4,4-1,5,6,6-2)] R-1				

STAGE II

LEGEND

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

NOTES: THIS LAYOUT SHALL BE USED DURING STAGE II PAVEMENT REPLACEMENT AT THE JOHNSTON CITY OVERPASS.
 TRAFFIC CONTROL STANDARDS 701402 AND 701411 SHALL BE USED DURING THIS STAGE OF CONSTRUCTION
 THE TANGENT SECTION REQUIRED FOR TC STANDARD 701402 SHALL BE EXTENDED THROUGH THE RAMP AREA TO APPROXIMATELY STATION 185+00

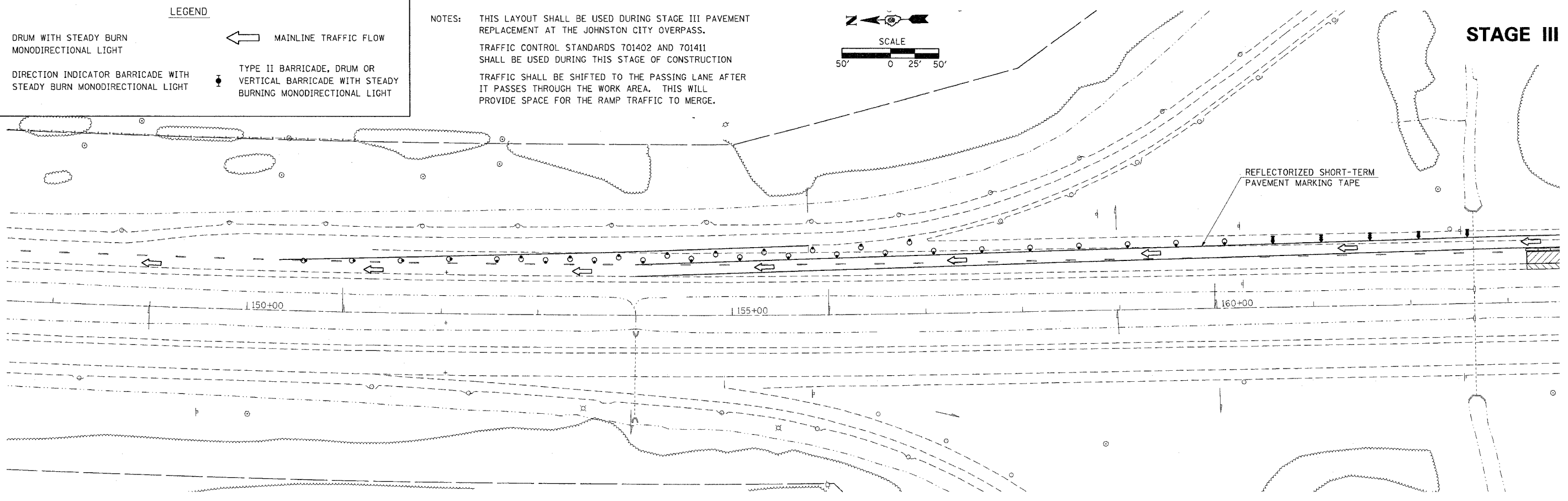
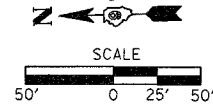


STAGE III

LEGEND

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

NOTES: THIS LAYOUT SHALL BE USED DURING STAGE III PAVEMENT REPLACEMENT AT THE JOHNSTON CITY OVERPASS.
 TRAFFIC CONTROL STANDARDS 701402 AND 701411 SHALL BE USED DURING THIS STAGE OF CONSTRUCTION
 TRAFFIC SHALL BE SHIFTED TO THE PASSING LANE AFTER IT PASSES THROUGH THE WORK AREA. THIS WILL PROVIDE SPACE FOR THE RAMP TRAFFIC TO MERGE.



PLOT DATE = 4/17/2006
 FILE NAME = c:\projects\98948\98948.dwg
 USER NAME = thomashf

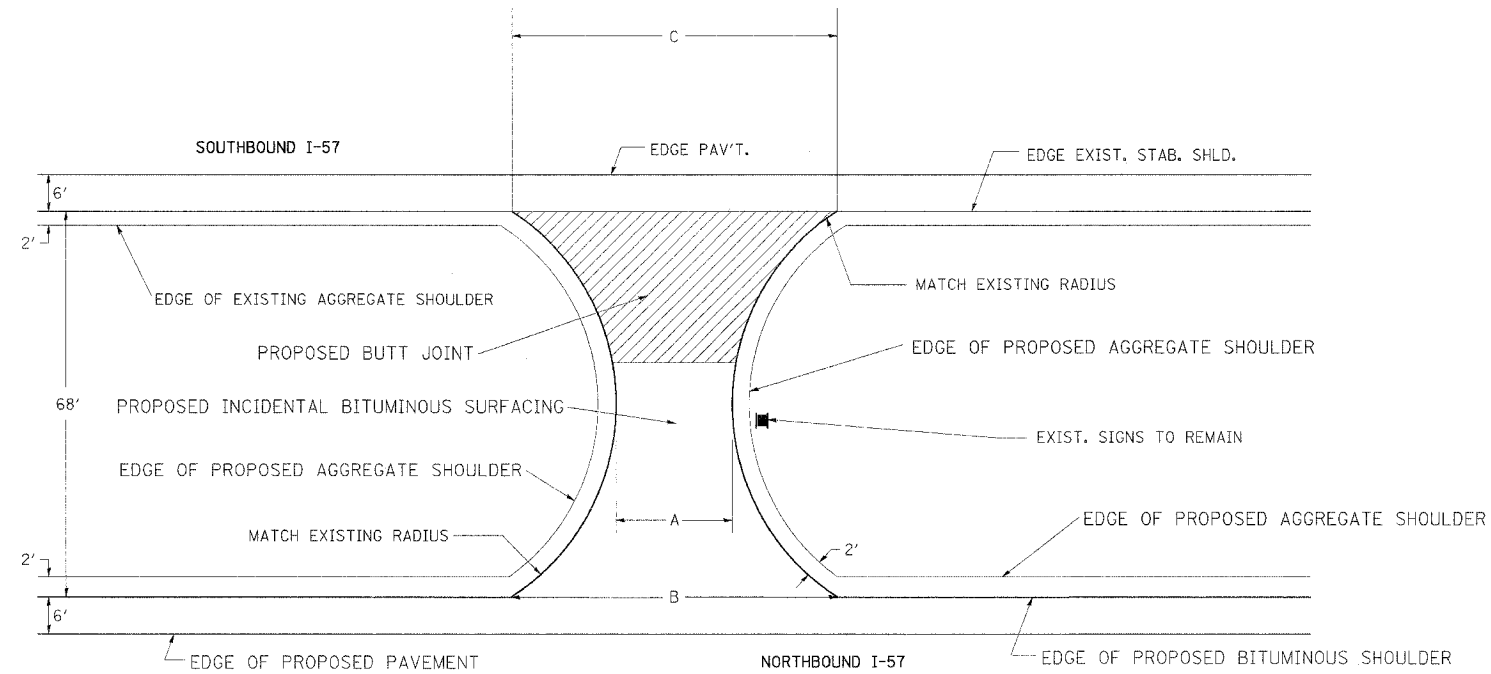
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	54
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* [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

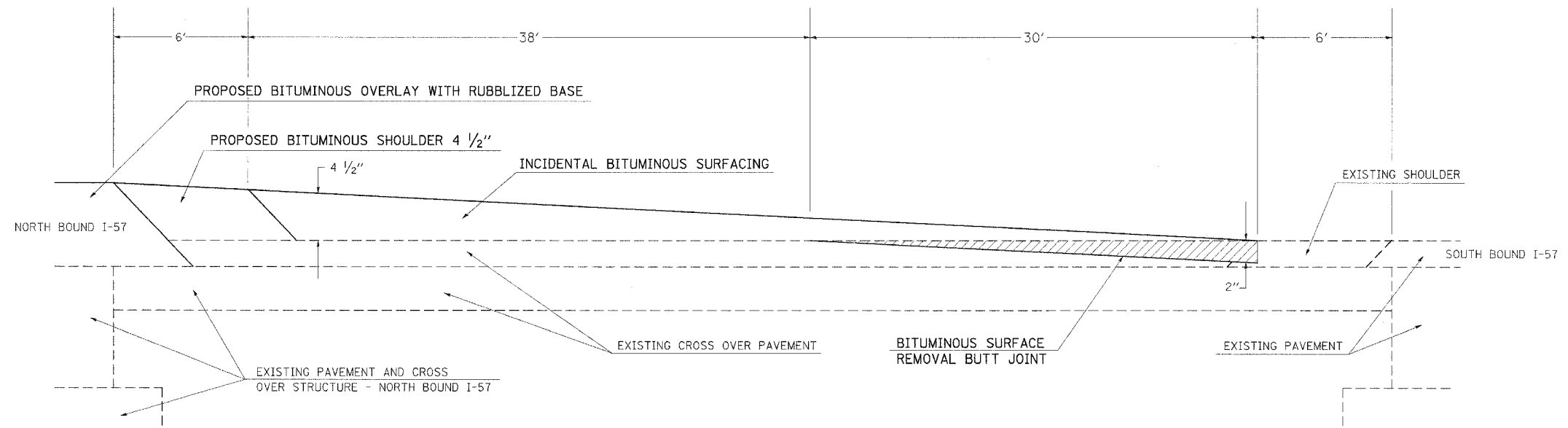


NOTES:

THE PROPOSED CROSSOVER SURFACE SHALL BE BUTTED TO 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" AT THE EDGE OF THE EXISTING SB SHOULDER.

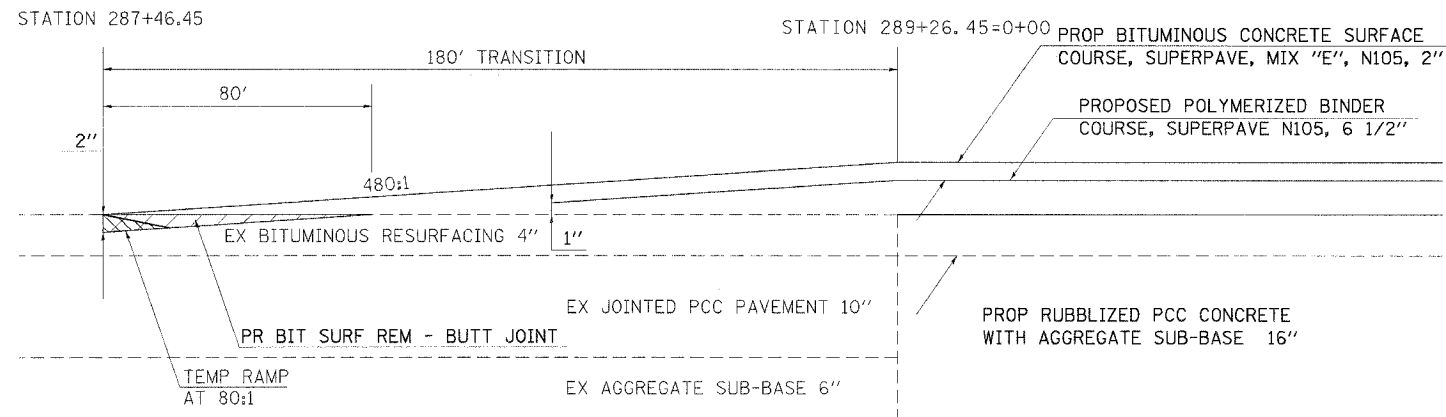
DETAIL OF MEDIAN CROSSOVER CROSS SECTIONAL VIEW



PLOT DATE = 5/21/2006
 PLOT SCALE = 1/4" = 10'-0"
 USER NAME = shreerajf

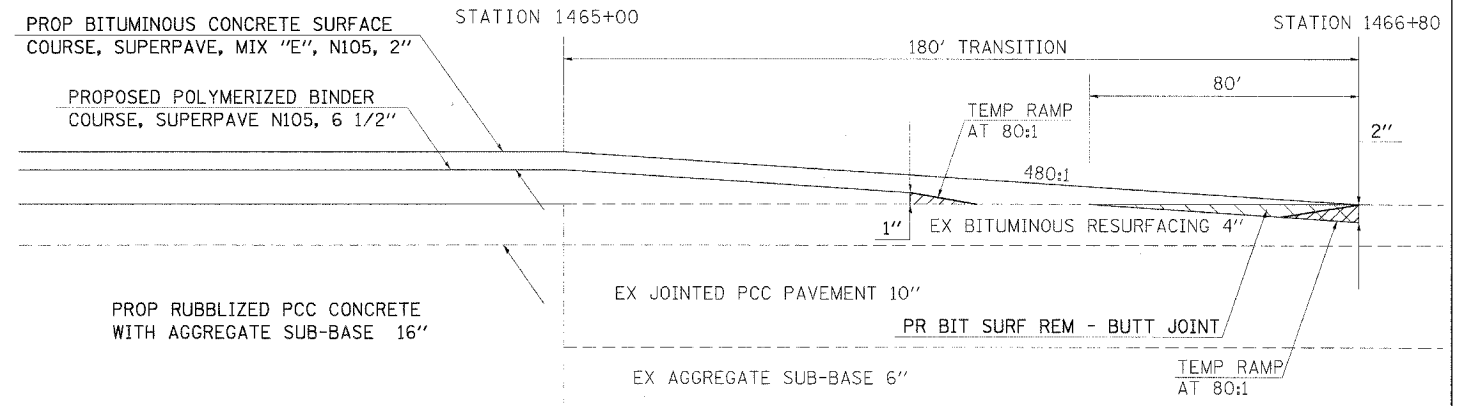
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	55
STA. _____ TO STA. _____				
FED. ROAD DIST. NO. _____ ILLINOIS		FED. AID PROJECT		
* [X1-(4,4-1,5,6,6-2)] R-1				

BUTT-JOINT
(I-57 NORTHBOUND)



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

BUTT-JOINT
(I-57 NORTHBOUND)



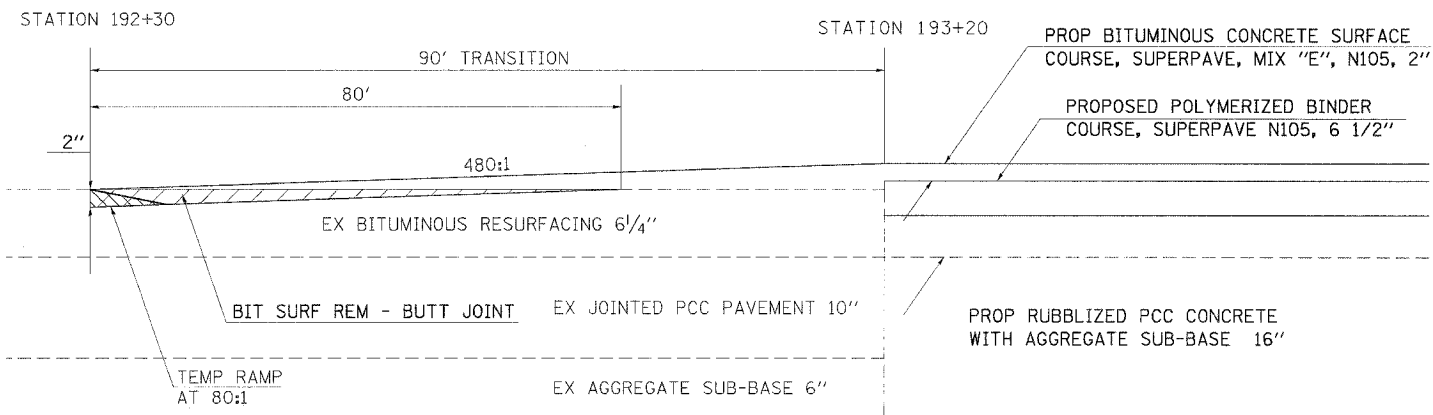
TO BE USED:
 CL STATION 1465+00 TO STATION 1466+80
 (END OF PROJECT)

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

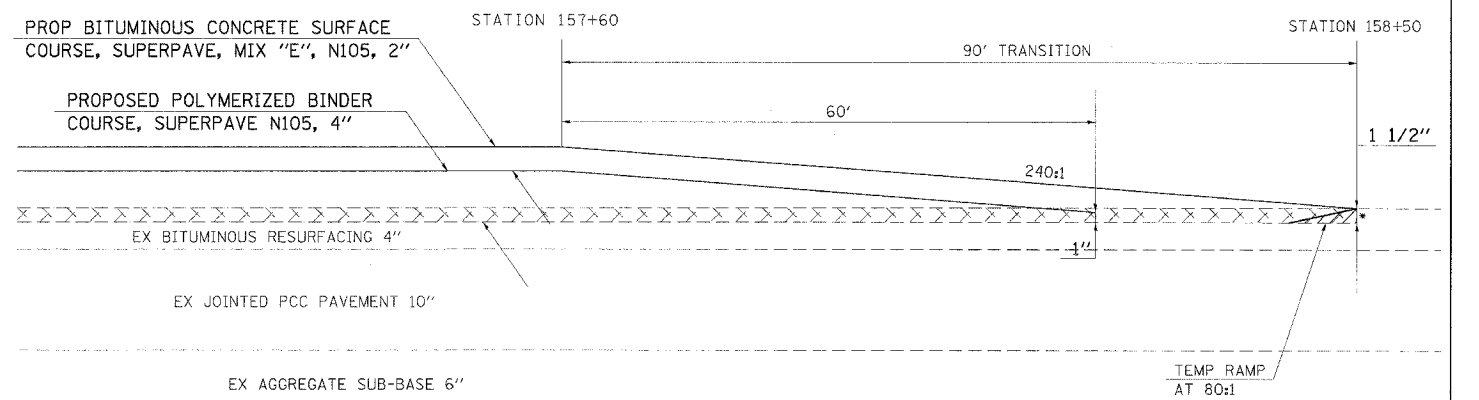
BITUMINOUS SURFACE REMOVAL 1 1/2"

BUTT-JOINT
(I-57 NORTHBOUND)



TO BE USED:
 CL STATION 192+30 TO STATION 193+20
 (END OF OMISSION)

BUTT-JOINT
(I-57 ENTRANCE RAMP AT JOHNSTON CITY INTERCHANGE)



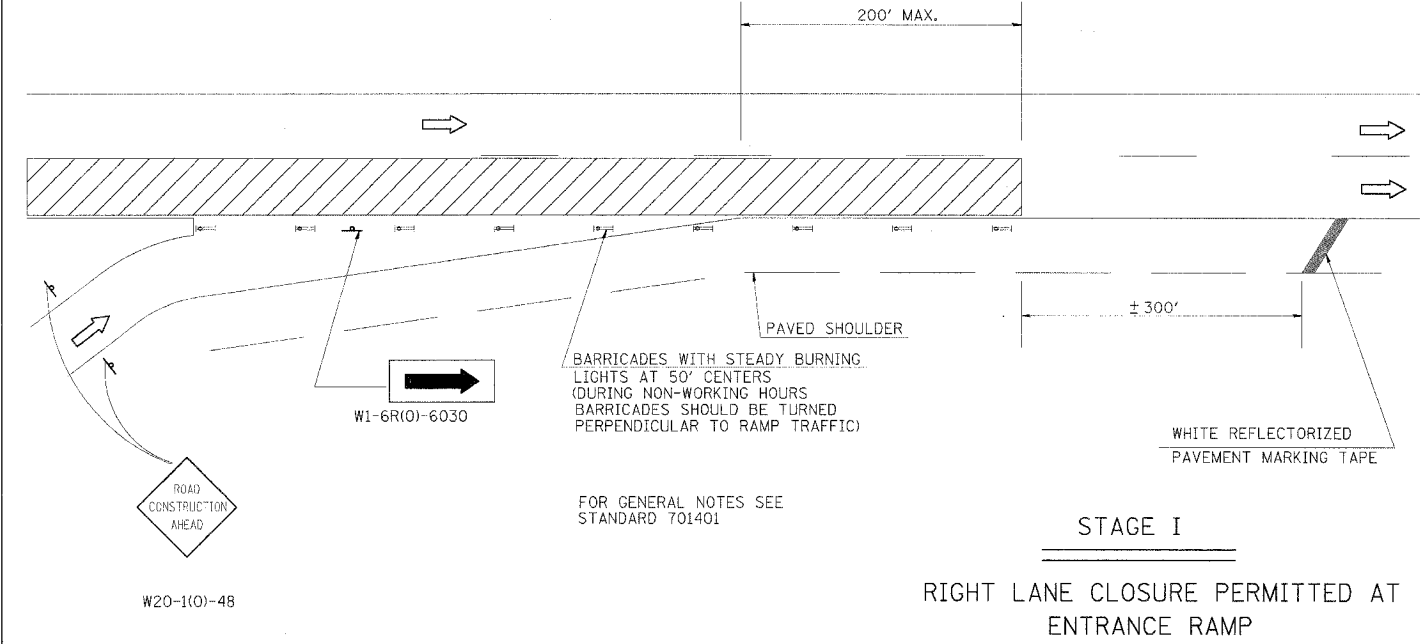
TO BE USED:
 MAINLINE STATION 157+60 TO MAINLINE STATION 158+50
 (I-57 ENTRANCE RAMP AT JOHNSTON CITY INTERCHANGE)

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

PLOT DATE = 3/25/2006
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = rregard

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS	SHEET NO.
57	*	WILLIAMSON	60	56
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* [X1-14,4-1,5,6,6-2] R-1				

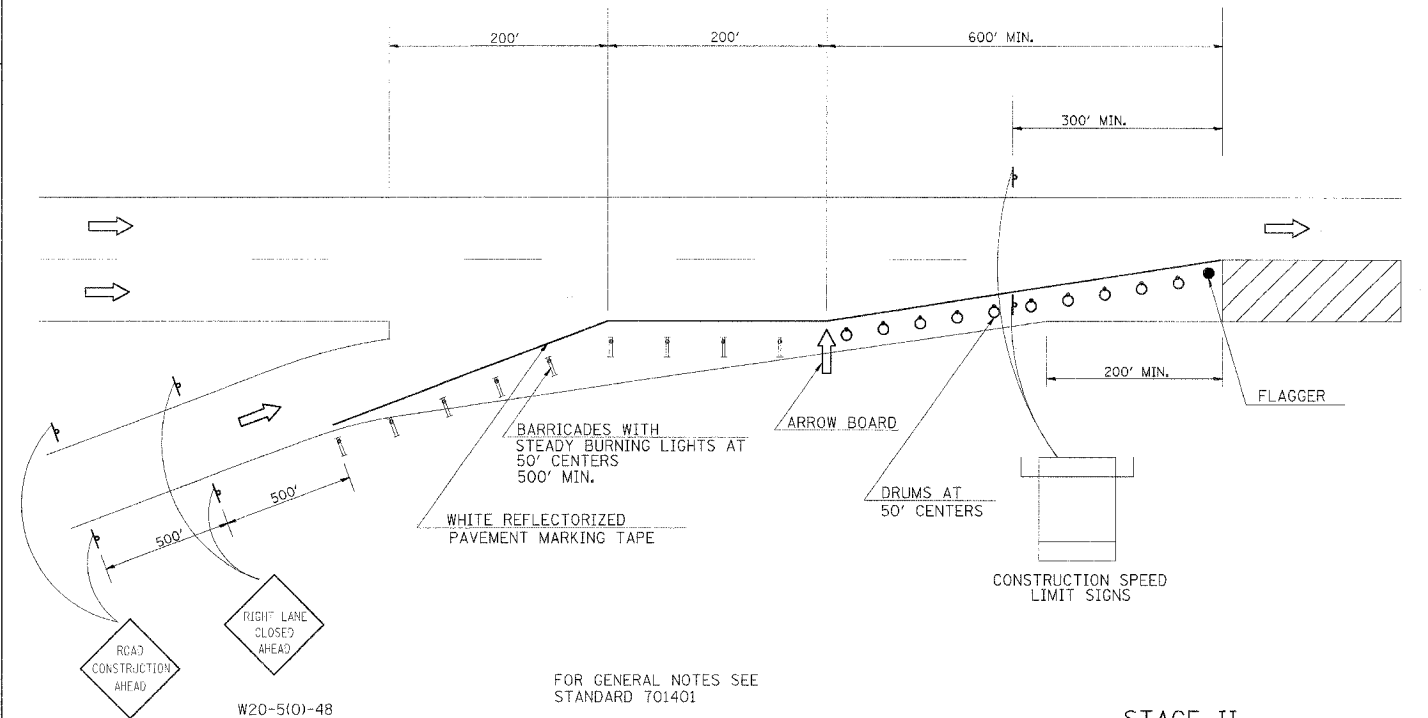
DETAIL OF TRAFFIC CONTROL AT ENTRANCE RAMP



FOR GENERAL NOTES SEE STANDARD 701401

STAGE I

RIGHT LANE CLOSURE PERMITTED AT ENTRANCE RAMP

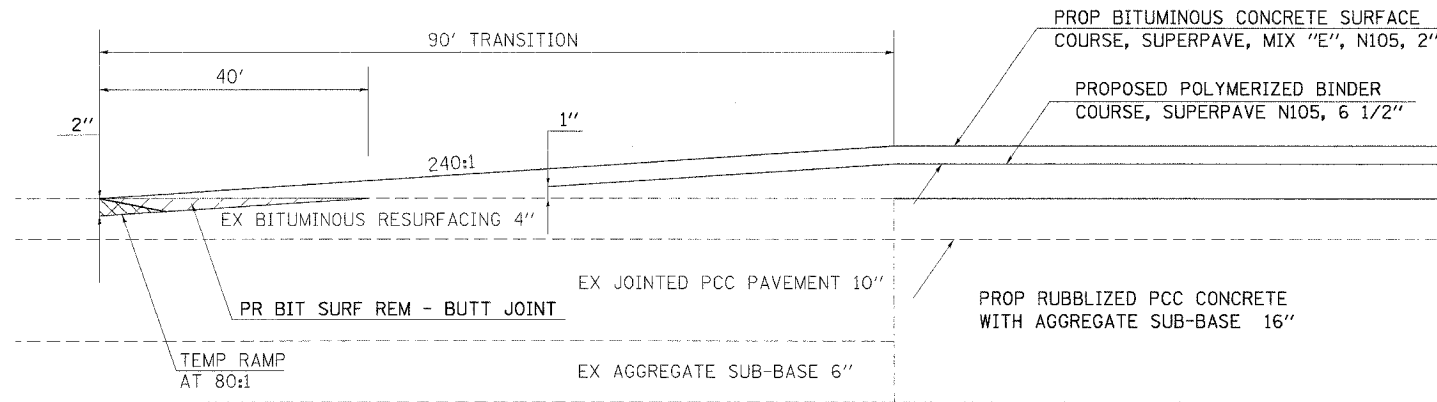


FOR GENERAL NOTES SEE STANDARD 701401

STAGE II

RIGHT LANE CLOSURE PERMITTED 200' BEYOND ENTRANCE RAMP

BUTT-JOINT (I-57 NORTHBOUND)



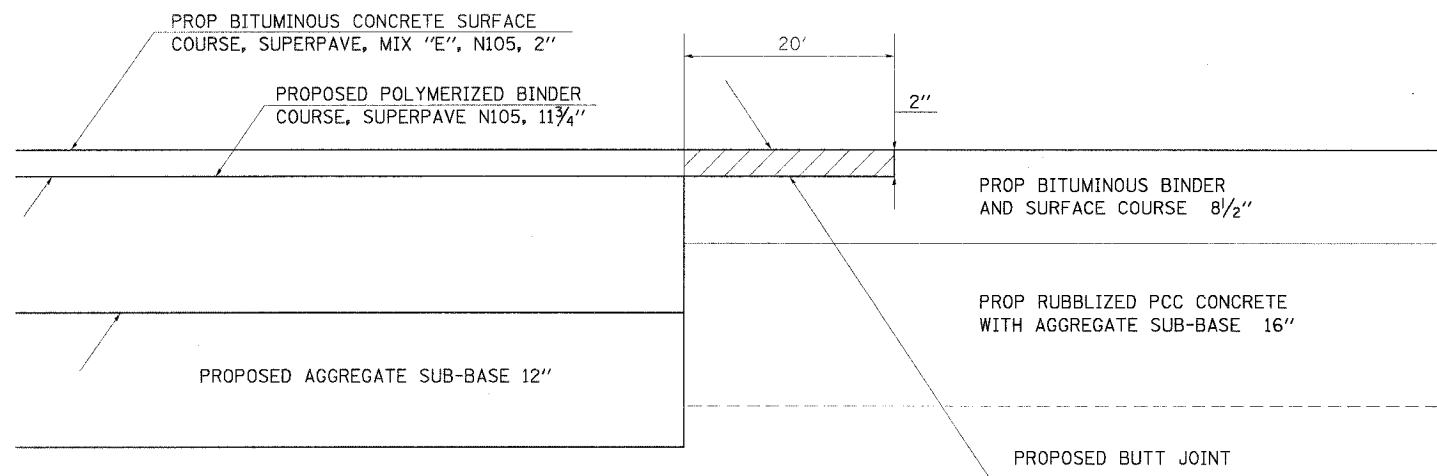
TO BE USED:

STATIONS	
79+50 TO 80+40	82+80 TO 83+70
163+40 TO 164+30	
226+30 TO 227+20	230+60 TO 231+50
253+10 TO 254+00	256+35 TO 257+25
361+50 TO 362+40	364+40 TO 365+30

NOTE:

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.

BUTT-JOINT (I-57 NORTHBOUND)



TO BE USED:

STATIONS	
79+30 TO 79+50	83+70 TO 83+90
163+20 TO 163+40	166+10 TO 168+30*
226+10 TO 226+30	231+50 TO 231+70
252+90 TO 253+10	257+25 TO 257+45
361+30 TO 361+50	365+30 TO 365+50

* A SIMILAR BUTT JOINT SHALL BE CONSTRUCTED AT THIS LOCATION. HOWEVER, THE JOINT WILL TIE INTO EXISTING NON-RUBBLIZED PAVEMENT.

PLOT DATE = 5/25/2006
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = shgandjdf

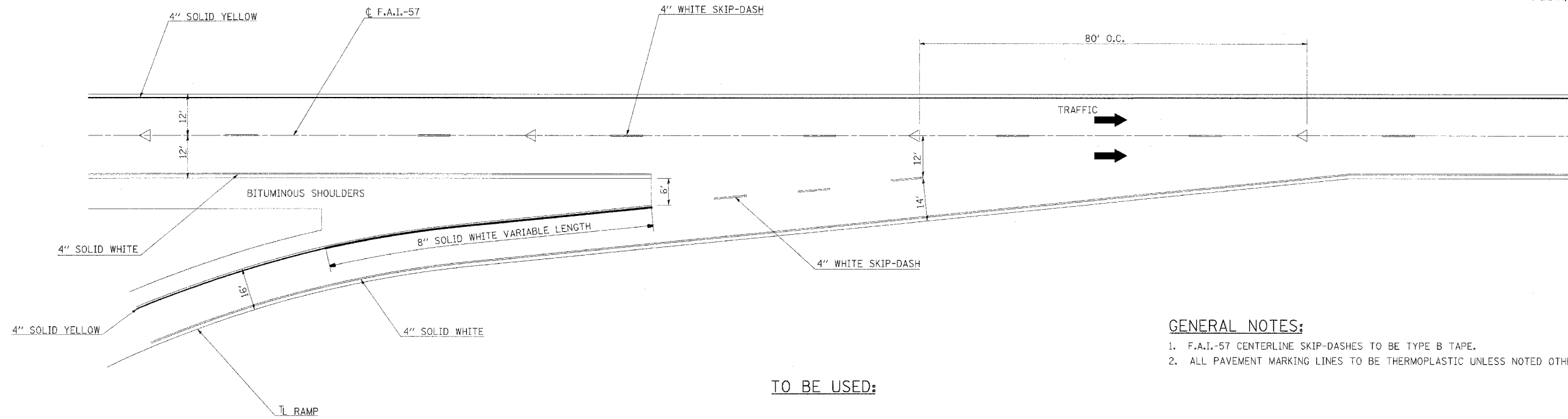
REVISIONS	
DRAWN	6-23-89
DRAWN	12-17-01

STD 9-43

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	57
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

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

TYPICAL PAVEMENT MARKINGS AT ENTRANCE RAMPS



GENERAL NOTES:

1. F.A.I.-57 CENTERLINE SKIP-DASHES TO BE TYPE B TAPE.
2. ALL PAVEMENT MARKING LINES TO BE THERMOPLASTIC UNLESS NOTED OTHERWISE.

TO BE USED:

INTERCHANGE

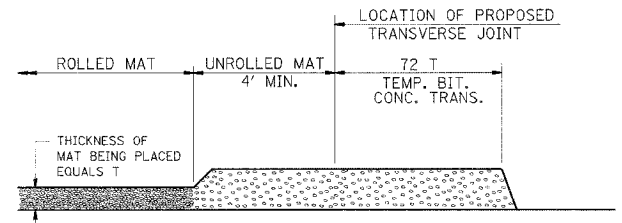
S.B. ENTRANCE RAMP (16')

PLOT DATE = 3/29/2006
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = shepa-dgd

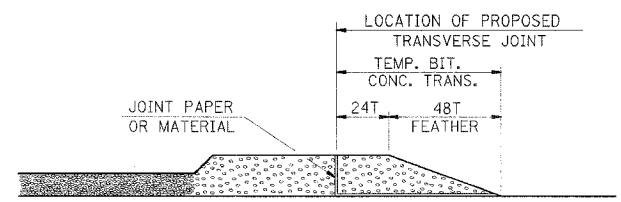
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	58
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				

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

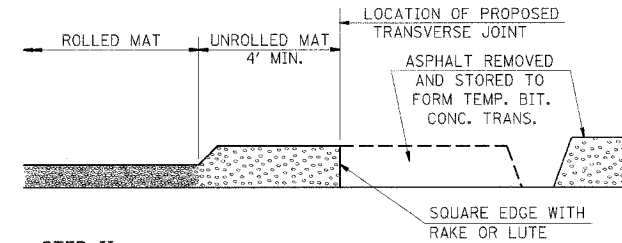
TEMPORARY BITUMINOUS CONCRETE TRANSITIONS



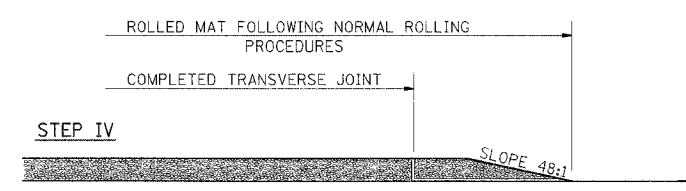
- STEP I**
1. PLACE BITUMINOUS MAT, LENGTH 36 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
 2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



- 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.



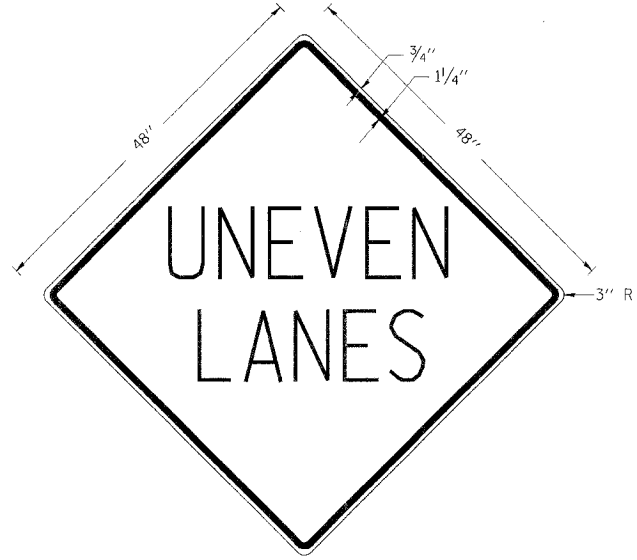
- STEP II**
1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY BITUMINOUS CONCRETE TRANSITION.
 2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
 3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



- 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

UNEVEN LANES SIGN W8-11 (48" x 48")



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

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" 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 "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

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.

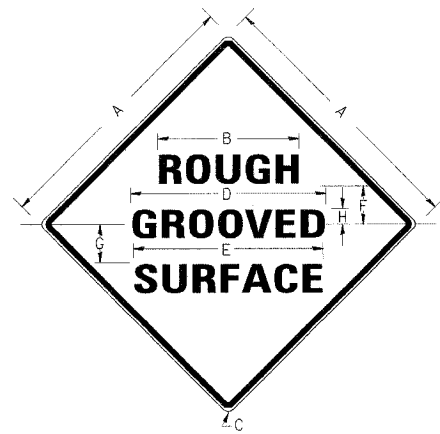
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS

DRAWN	2-15-89
REVISED	4-6-93
REVISED	7-23-04

STD. 9-41

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	B4-48D

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.

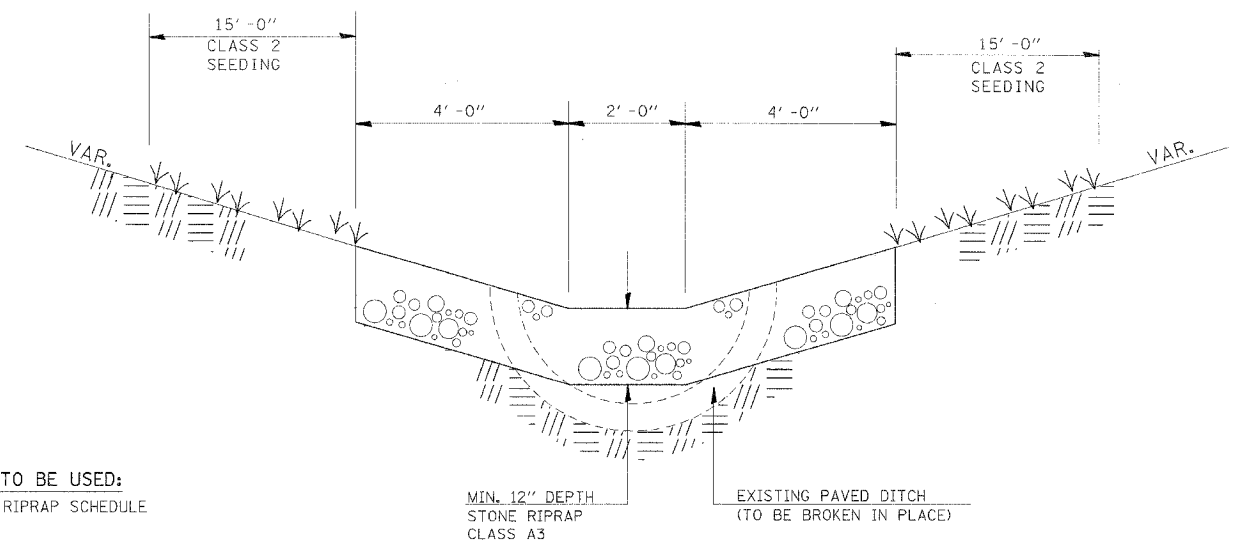
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS

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

STD 9-39

DETAIL STONE RIPRAP DITCH (ON EXISTING PAVED DITCH)



TO BE USED:
SEE RIPRAP SCHEDULE

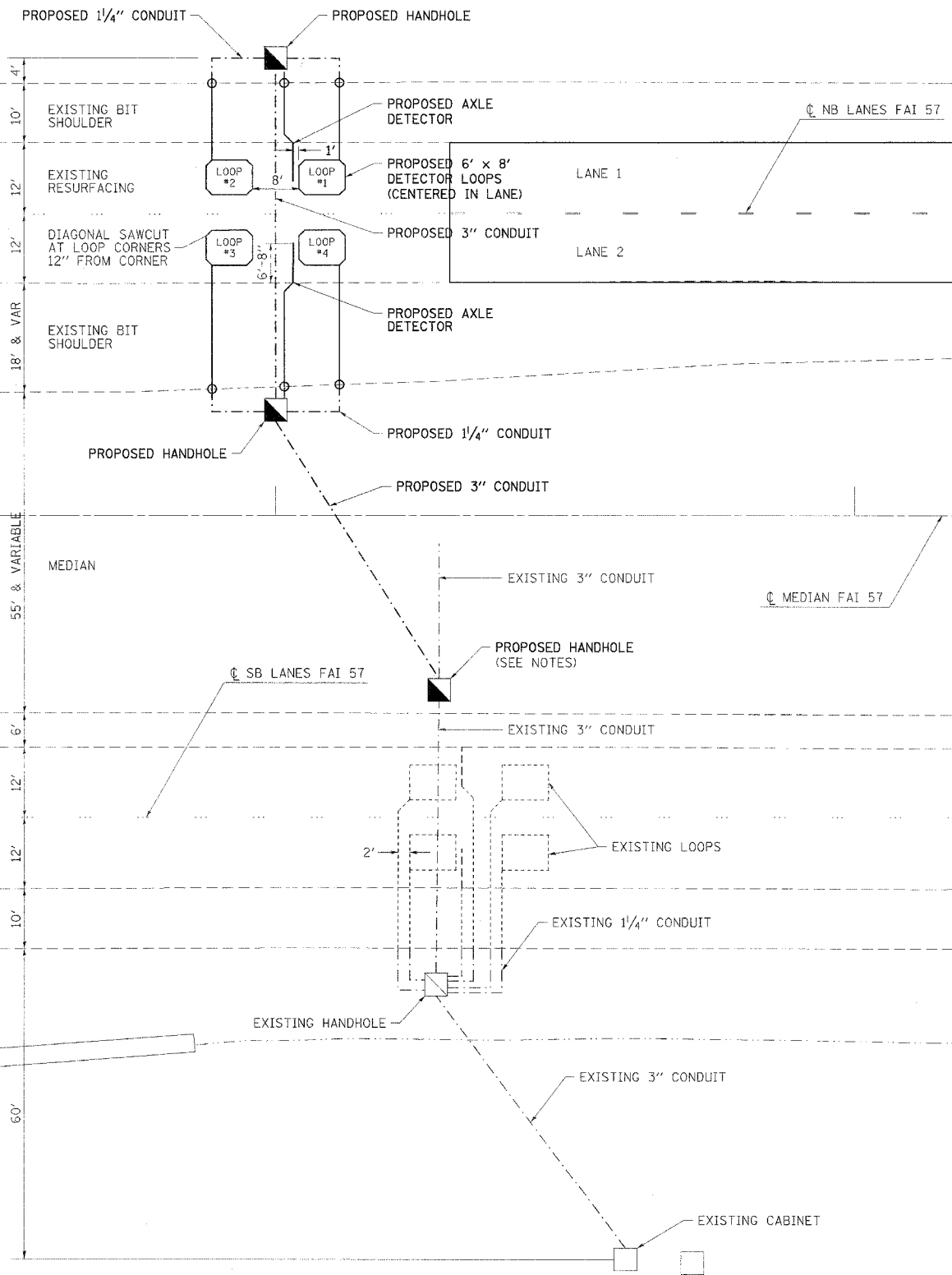
NOTES: THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON, FOR STONE RIPRAP DITCH, WHICH PRICE SHALL INCLUDE ALL MATERIAL LABOR AND EQUIPMENT TO COMPLETE THE WORK IN PLACE AS SHOWN AND DETAILED IN THE SPECIAL PROVISIONS. THE FINISHED SIDE SLOPES OF THE STONE RIPRAP DITCH SHALL MATCH THE EXISTING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

PLOT DATE = 3/27/2005
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = shp-ar-dgd

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILLIAMSON	60	59
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
* [X1-(4,4-1,5,6,6-2)] R-1				

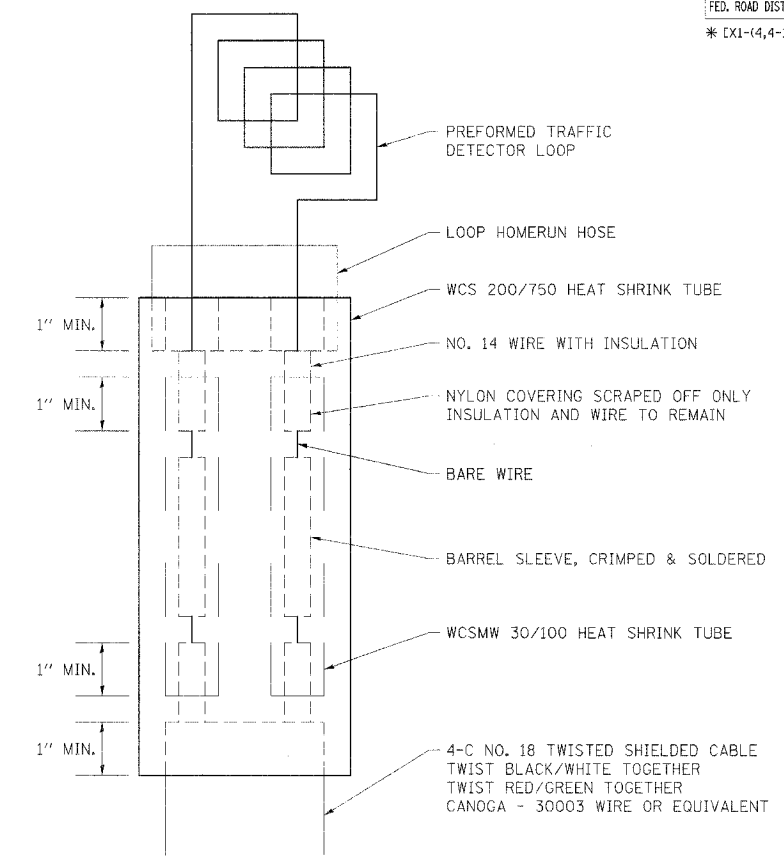
DETECTOR LOOP DETAIL

FAI 57 NB LANES
STATION 192+00



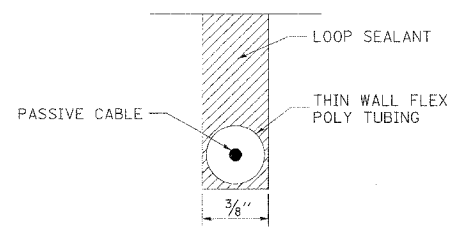
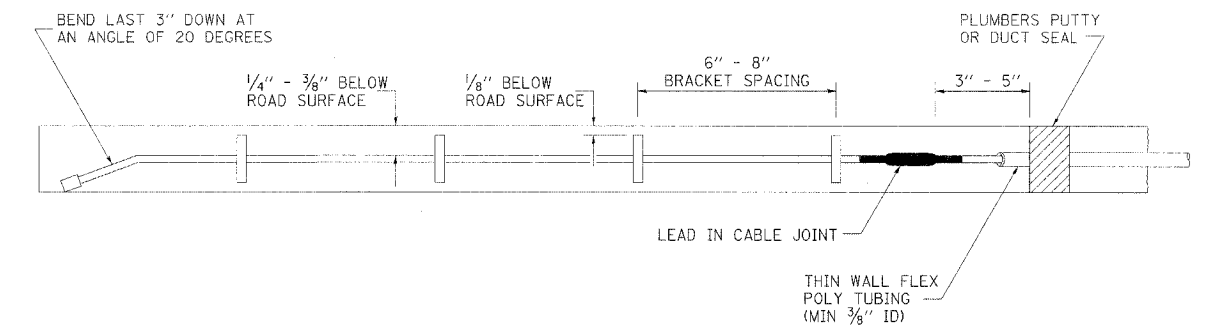
NOTES: THE EXISTING CONDUIT UNDER THE SB LANES SHALL BE LOCATED AND THE NEW HANDHOLE SHALL TIE INTO IT. THE EXISTING CONDUIT SHALL BE USED FOR THE NEW CABLE RUNS. THE COST OF LOCATING THE CONDUIT WILL BE INCLUDED IN THE COST OF THE HANDHOLE.

LOOP SPLICING DETAIL

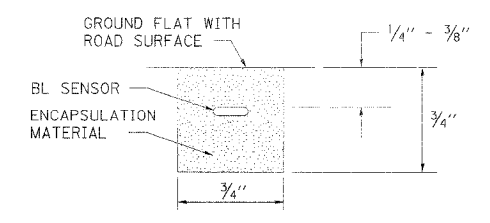


MINIMUM 1" HEAT SHRINK TUBING OVERLAP ON WIRE
PVC AND SHIELDED CABLE TO FORM WATERTIGHT SEAL

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

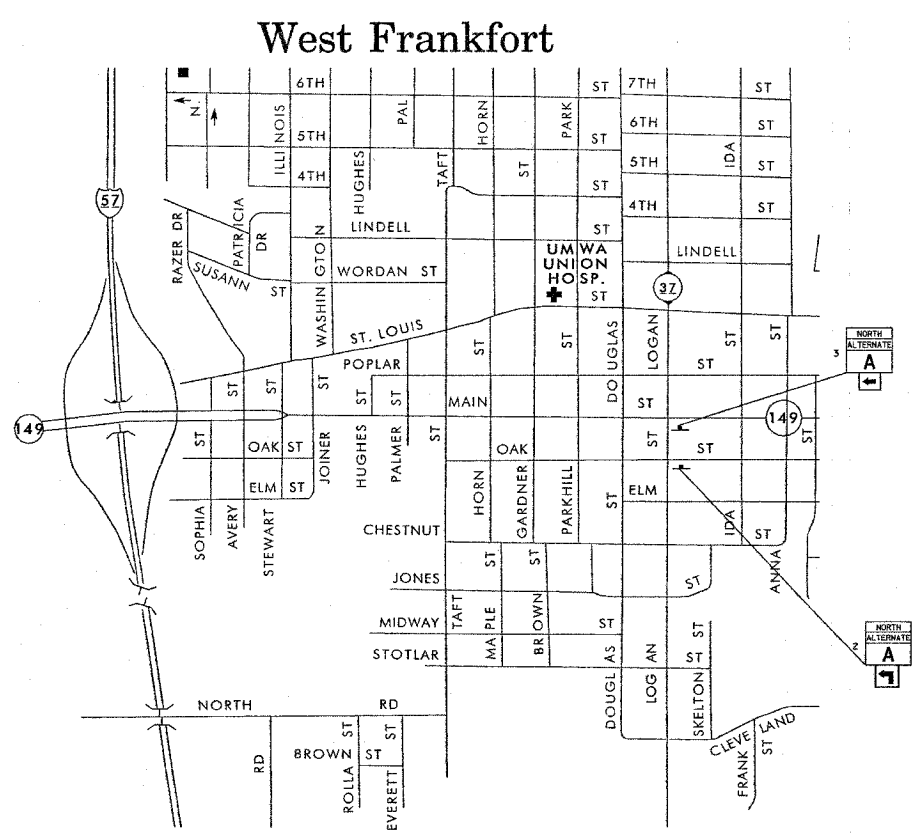
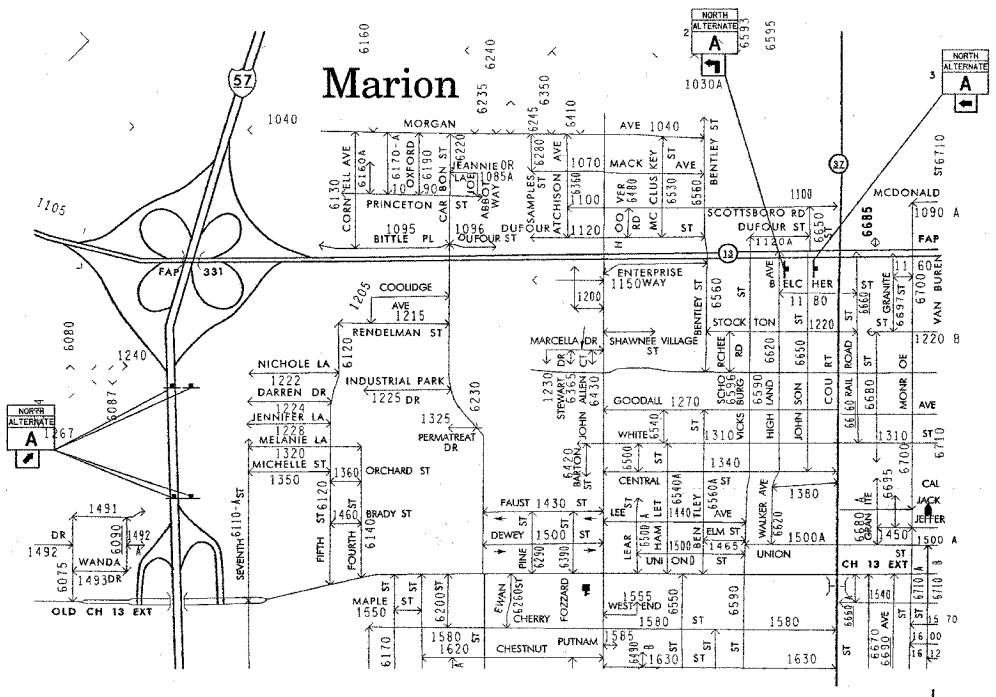
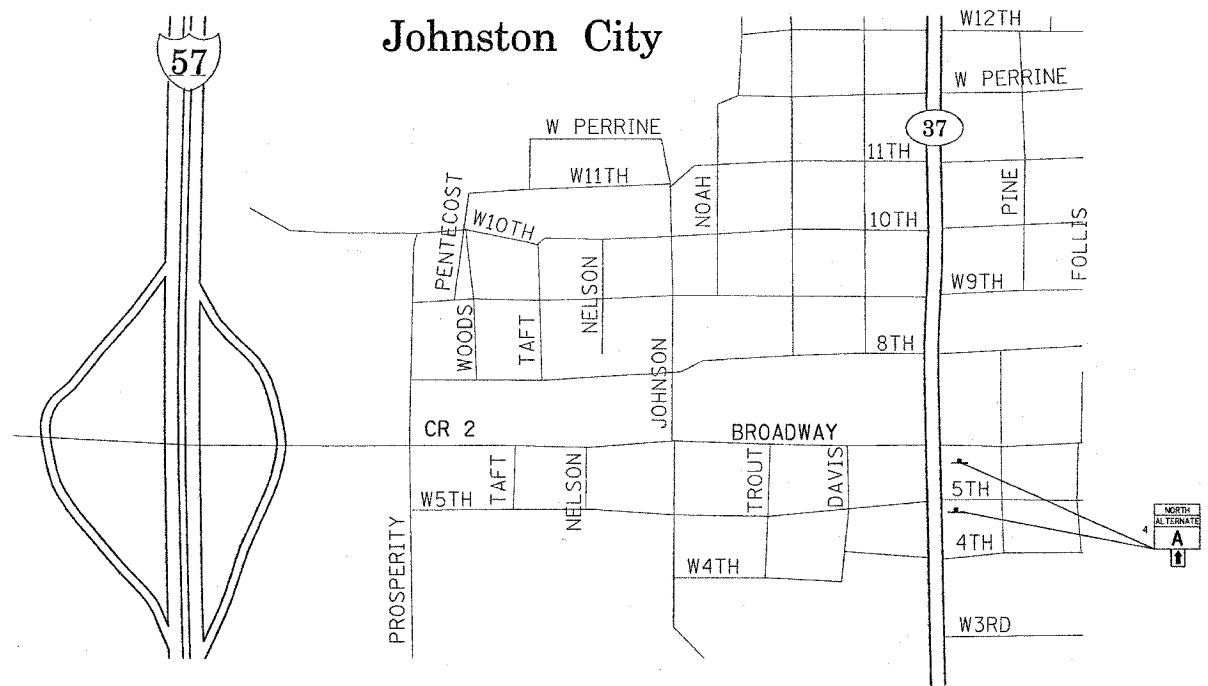
PLOT DATE = 4/11/2006
 FILE NAME = c:\p00\projects\98948\98948.dwg
 PLOT SCALE = ENL2000 / 1"=100'
 USER NAME = ehspn-dgd

F. A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
57	*	WILLIAMSON	60	60
STA.		TO STA.		
FED. ROAD DIST. NO.		ELLIPSIS	FED. AID PROJECT	

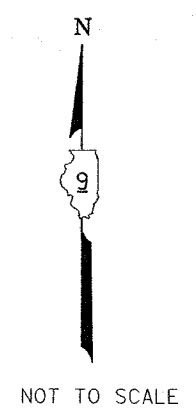
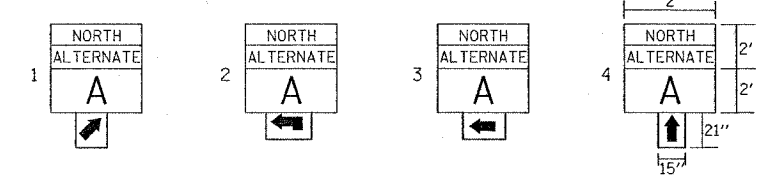
* [X1-(4,4-1,5,6,6-2)] R-1

NOTES:

1. THE CONTRACTOR HAS THE OPTION OF USING METAL POSTS INSTEAD OF WOOD.
2. ALL SIGNS SHALL BE BLACK ON ORANGE.
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 = ILLINOIS ROUTE 13, 37, & 149.
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. CONTACT DISTRICT 9 TRAFFIC OPERATIONS ENGINEER, (KEVIN GRAMMER, 618-549 2171) 10 DAYS PRIOR TO ERECTING SIGNS



PROPOSED SIGN KEY



NOT TO SCALE

SIGN PANEL, TYPE 1	SIGN POST
SQ FT	EACH
101.8	10

DATE-TIME
 4-20-00
 4-20-00
 4-20-00
 4-20-00
 4-20-00