

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	ALEX./SALINE	12	1

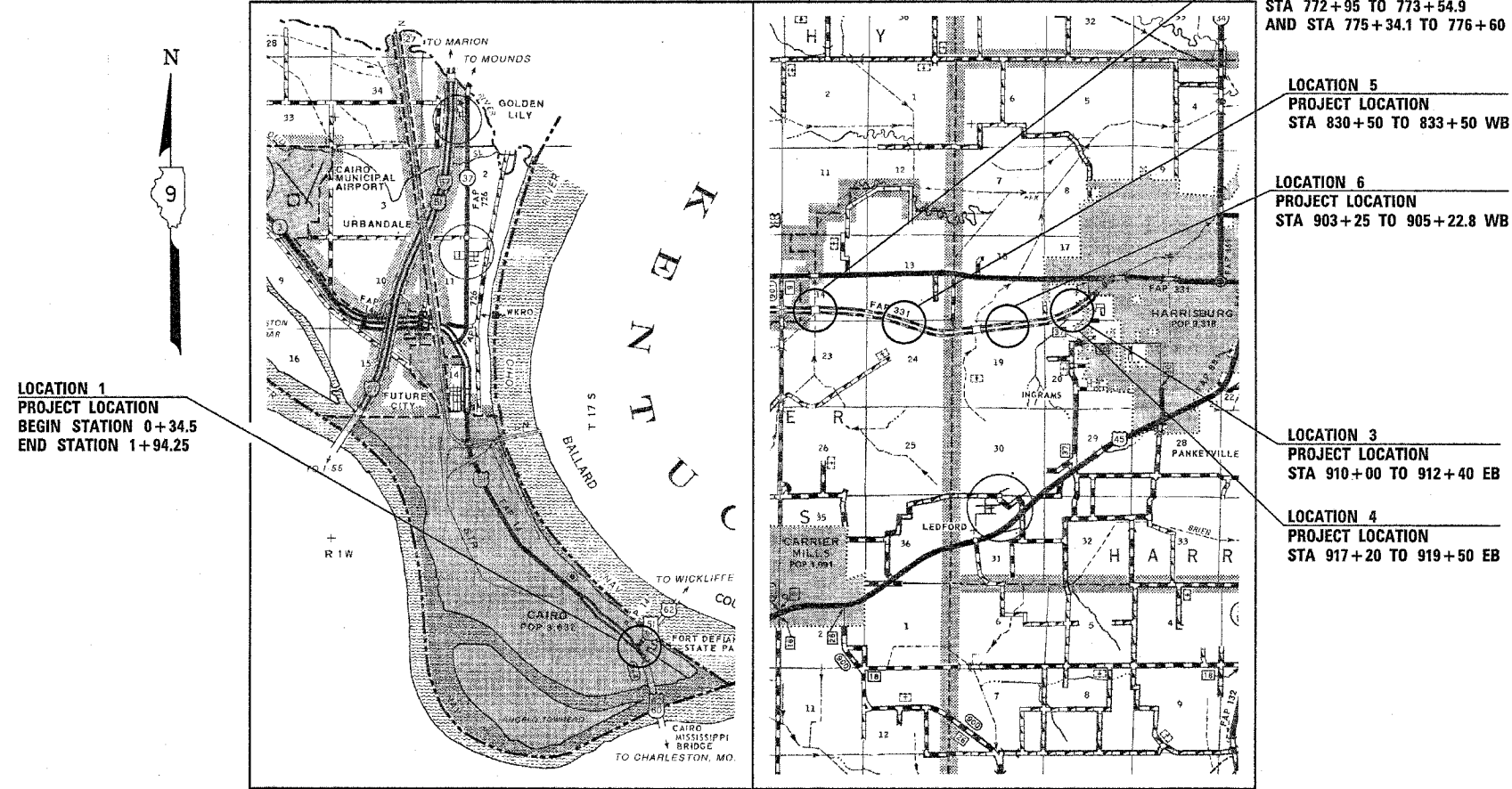
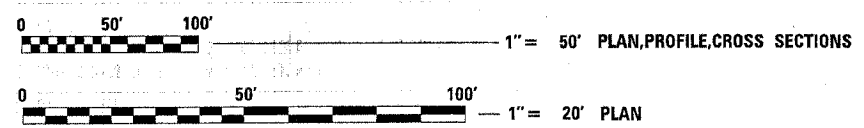
CONTRACT NO 98983
 ** D-9 CONT. MAINT. FY 07-6

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PROPOSED HIGHWAY PLANS

FOR INDEX OF SHEETS, SEE SHEET NO. 2
 FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 3

APPROACH	ADT (2006)	% TRUCKS
US-51 N OF US-51/US-60/62	4,829	13%
US-51/US-60/62 E OF US-51	7,111	16%
US-60/62 S OF US-51/US-60/62	5,201	21%
IL 13 (Carrier Mills Rd. to Lover's Lane)	7,960	7%

SECTION D9 CONT. MAINT. FY 07-6 FAP 14 (US-51/US-60/62) MILL AND INLAY FAP 331 (IL 13) MINE SUBSIDENCE REPAIR ALEXANDERS/SALINE COUNTY C-99-052-06



LOCATION 2
 PROJECT LOCATION
 STR # 083-0052 (EB)
 STA 772+95 TO 773+54.9
 AND STA 775+34.1 TO 776+60

LOCATION 5
 PROJECT LOCATION
 STA 830+50 TO 833+50 WB

LOCATION 6
 PROJECT LOCATION
 STA 903+25 TO 905+22.8 WB

LOCATION 3
 PROJECT LOCATION
 STA 910+00 TO 912+40 EB

LOCATION 4
 PROJECT LOCATION
 STA 917+20 TO 919+50 EB

LOCATION 1
 PROJECT LOCATION
 BEGIN STATION 0+34.5
 END STATION 1+94.25

LOCATION 5
 PROJECT LOCATION
 STA 831+50 TO 833+07 WB

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

CAIRO TOWNSHIP
 CARRIER MILLS TOWNSHIP
 HARRISBURG TOWNSHIP
CONTRACT NO. 98983

GROSS LENGTH OF PROJECT = 0.249 MILES
 NET LENGTH OF PROJECT = 0.249 MILES

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED May 22 20 06
Mary C. Lammie
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 30 20 06
Mike Hine
 ENGINEER OF DESIGN AND ENVIRONMENT

June 30 20 06
Milton R. Sees P.E.
 DIRECTOR, DIVISION OF HIGHWAYS

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 OF THE STATE OF ILLINOIS**

GENERAL NOTES

THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

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

RECLAIMED ASPHALT PAVEMENT (RAP) WILL NOT BE ALLOWED FOR USE AS AGGREGATE IN AGGREGATE SHOULDERS, TYPE B

AFTER A LIFT OF BITUMINOUS CONCRETE HAS BEEN PLACED ON A LANE, THAT LANE SHALL REMAIN CLOSED TO TRAFFIC UNTIL THE NEW MAT HAS COOLED TO 150°

THERE ARE NO AVAILABLE WASTE SITES ON THE EXISTING RIGHT-OF-WAY WITHIN THE PROJECT LIMITS.

ALL EXISTING PAVEMENT MARKING SHALL BE LOCATED AND RECORDED BEFORE THE BITUMINOUS PRIME COAT IS APPLIED AND SHALL BE REPLACED ACCORDINGLY.

THE CENTERLINE PROFILE ELEVATION, LOCATIONS 2 - 6 SHOWN ON SHEETS 7 - 9 ARE REFERENCED. REFER TO THE PROFILES FOR TEMPORARY BENCHMARK INFORMATION. ADDITIONAL SETTLEMENT MAY HAVE OCCURED SINCE THESE SURVEYS WERE PERFORMED.

GRADING AND SHAPING OF THE AGGREGATE SHOULDERS MAY BE NEEDED AT VARIOUS LOCATIONS. THIS WORK SHALL BE INCIDENTAL TO THE COST OF THE AGGREGATE SHOULDERS.

AT LOCATION 2 PROVIDE A 1/4" BY 3/4" SAWED JOINT WITH ELASTIC JOINT SEALER AT BRIDGE JOINT (FULL WIDTH). THIS WORK SHALL BE INCIDENTAL TO THE COST OF THE BITUMINOUS SURFACE REMOVAL.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE PRIME COAT AND SURFACE COURSE, AT THE RATE OF 4 FEET IN 40 FEET.

THE FOLLOWING GENERAL NOTES ARE SPECIFIC TO LOCATION 1:

REMOVAL OF SURFACE LOCATED IN GUTTER FLAG SHALL BE INCIDENTAL TO BITUMINOUS SURFACE REMOVAL.

THE FURNISHING AND INSTALLATION OF THE 1 1/2" CONDUIT WITH ITS TRENCHING AND BACKFILL FROM THE LOOP SAWCUT TO THE SPLICE POINT SHALL BE INCLUDED IN THE LOOP INSTALLATION UNLESS SHOWN OTHERWISE ON THE PLANS.

THE INDUCTION LOOP WIRE AND LEAD-IN WIRE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION.

SHIELDED CABLE TO LOOP LEADS SHALL BE GROUNDED AT THE CONTROLLER TERMINAL ONLY.

ALL DETECTOR LOOP CORNERS SHALL BE CORE DRILLED 2 IN. MINIMUM DIAMETER, EXCEPT THOSE PLACED UNDER RESURFACING. THE DETECTOR LOOP CORNERS PLACED UNDER RESURFACING SHALL BE DIAGONALLY SAW CUT.

SAWED SLOTS FOR TWISTED PAIR ELECTRIC CABLES SHALL BE LARGER THAN SINGLE CONDUCTOR LOOP SLOTS.

DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO THE FINAL SURFACE INSTALLATION. THE DETECTOR LOOP CORNERS SHALL BE DIAGONALLY CUT.

THE FINAL LOCATION OF THE DETECTOR LOOPS, AND TRAFFIC SIGNAL FOUNDATIONS SHALL BE APPROVED BY THE BUREAU OF OPERATIONS BEFORE INSTALLATION.

THE CONTRACTOR SHALL NOTIFY THE IDOT ENGINEER OF TRAFFIC OPERATIONS 72 HOURS PRIOR TO THE SHUT-DOWN OR CUTTING OF EXISTING DETECTOR LOOPS.

THE NEW LOOP SHALL ENTER THE HANDHOLD THROUGH THE EXISTING LOOP CONDUIT IN THE CURB AND GUTTER

COMMITMENTS: NONE.

INDEX OF SHEETS

SHT NO	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS, STANDARDS
3	SUMMARY OF QUANTITIES
4-5	TYPICAL SECTIONS
6	SCHEDULE OF QUANTITIES
7	PLAN SHEET - LOCATION 1 - US 51/60/62
8	PROFILE - LOCATION 2 & LOCATION 3 - ILL 13
9	PROFILE - LOCATION 4 & LOCATION 5 - ILL 13
10	PROFILE - LOCATION 6 - ILL 13
11	DETAIL OF MILLING AND RESURFACING AT LOCATION 1 STRUCTURE NUMBER 083-0052
12	DETAILS: DETECTOR LOOPS; TEMPORARY BITUMINOUS CONCRETE TRANSITIONS UNEVEN LANES SIGN; ROUGH GROOVED SURFACE SIGN

LOCATION DESCRIPTIONS

- LOCATION 1 - EAST LEG OF INTERSECTION OF US 51/60/62
- LOCATION 2 - ILLINOIS 13 EB STRUCTURE NO. 083-0052 BANKSTON FORK
- LOCATION 3 - ILLINOIS 13 EB 0.65 MILES WEST OF LOVER'S LANE ROAD
- LOCATION 4 - ILLINOIS 13 EB 0.5 MILES WEST OF LOVER'S LANE ROAD
- LOCATION 5 - ILLINOIS 13 WB 1.1 MILES EAST OF BANKSTON FORK
- LOCATION 6 - ILLINOIS 13 WB 0.78 MILES WEST OF LOVER'S LANE ROAD

STANDARDS

000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
482001	BITUMINOUS SHOULDER DETAILS - ADJACENT TO FLEXIBLE PAVEMENT
482011-01	BIT SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
701001-01	OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' AWAY
701006-02	OFF-ROAD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701101-01	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-01	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701301-02	LANE CLOSURE, 2L, 2W, SHORT TERM OPERATIONS
701306-01	LANE CLOSURE, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-02	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701421-01	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701426-02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
702001-06	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
857001	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
886001	DETECTOR LOOP INSTALLATIONS
886006	TYPICAL LAYOUT FOR DETECTION LOOPS

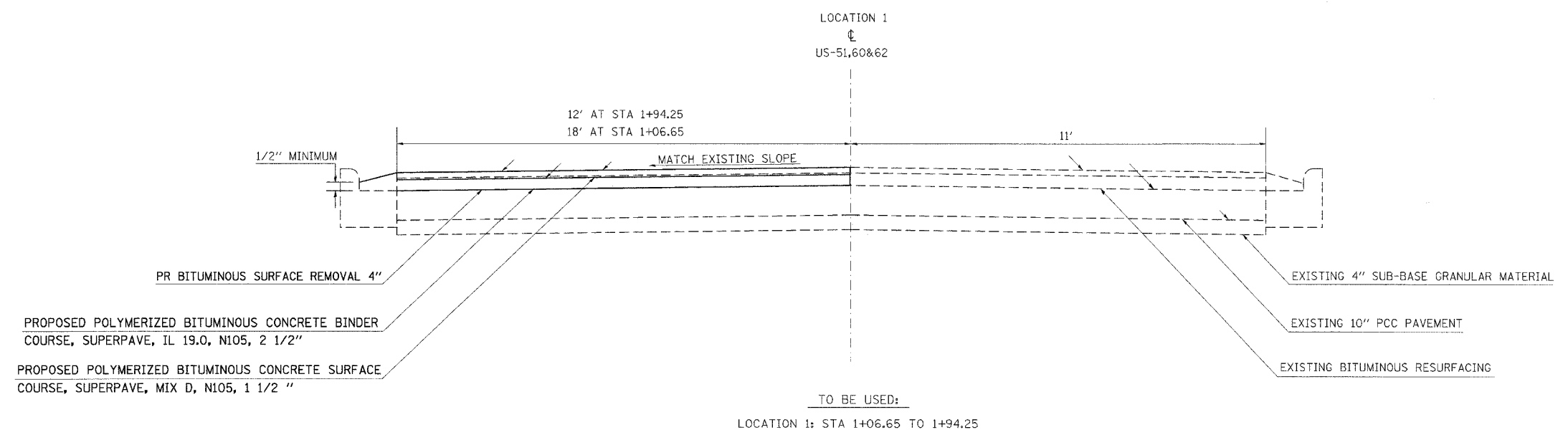
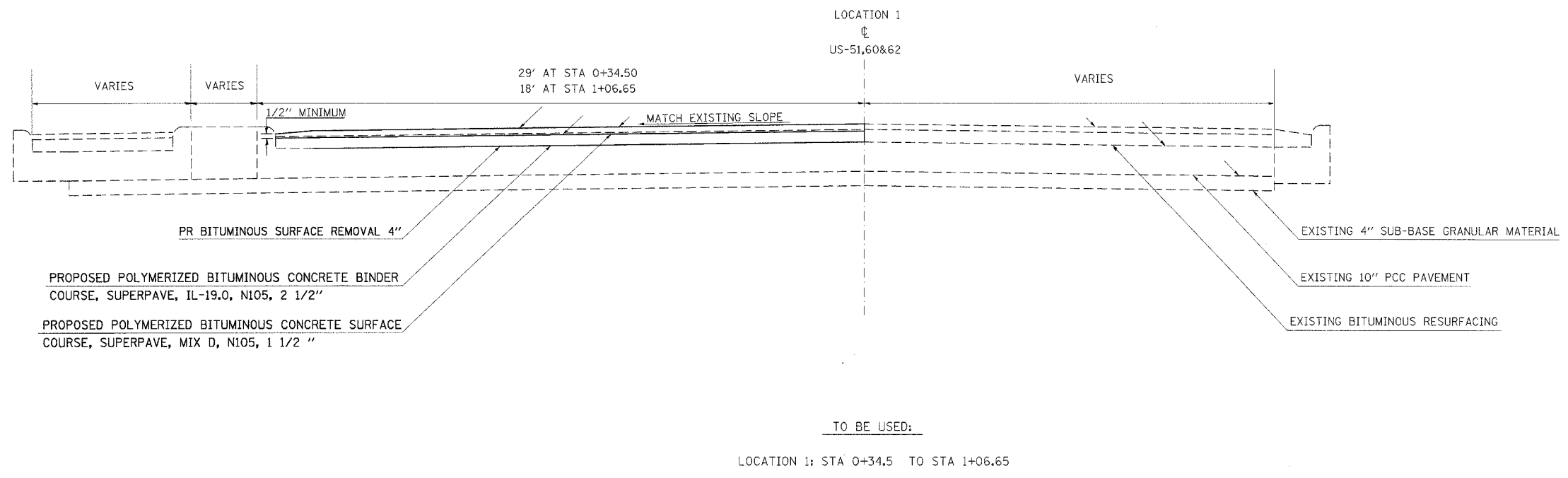
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	ALEX./SALINE	12	2
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS			
CONTRACT NO 98983				
•VARIOUS				
•• D-9 CONT. MAINT. FY 07-06				

Prepared By: *De Z...*
 Examined By: *James Lewis Emery*
 Examined By: *Conrad Nelson*
 Examined By: *William M. Hammel*
 Examined By: *James R. ...*
 Examined By: *James R. ...*
 Examined By: *James R. ...*
 Examined By: *James R. ...*
 Examined By: *James R. ...*
 Approved By: *Mark C. ...*
 DATE: *May 22, 2006*

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	CONSTRUCTION TYPE CODE - 1000							
		UNIT	TOTAL QUANTITIES	FUNDING 100 % STATE					
				ALEXANDER CO LOCATION 1	LOCATION 2	LOCATION 3	SALINE COUNTY LOCATION 4		LOCATION 5
X4066530	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N105	TON	459	23	65	93	89	112	77
X4066660	POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N105	TON	39	39					
X4066920	POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE N105	TON	75.5		2.1	18	11.1	33	11.3
X7015000	CHANGEABLE MESSAGE SIGN	CAL MO	2.5	1.5	0.2	0.2	0.2	0.2	0.2
40600105	BITUMINOUS MATERIALS (PRIME COAT), SPECIAL	GALLON	487	26	74	96	92	120	79
40600300	AGGREGATE (PRIME COAT)	TON	8.1	0.5	1.2	1.6	1.5	2	1.3
40600990	TEMPORARY RAMP	SQYD	392	150	66	44	44	44	44
44000011	BITUMINOUS SURFACE REMOVAL 4 INCH	SQ YD	279	279					
44000030	BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	3429		826	538	786	667	612
48101200	AGGREGATE SHOULDERS, TYPE B	TON	61		9	12	11	16	13
67100100	MOBILIZATION	L SUM	2	1	0.2	0.2	0.2	0.2	0.2
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1					
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1		0.2	0.2	0.2	0.2	0.2
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1020	264	153	144	141	186	132
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	2747	54	434	560	537	700	462
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	18	18					
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1291	141	196	235	226	295	198
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2747	54	434	560	537	700	462
*78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	18	18					
*88600100	DETECTOR LOOPS, TYPE 1	FOOT	213	213					

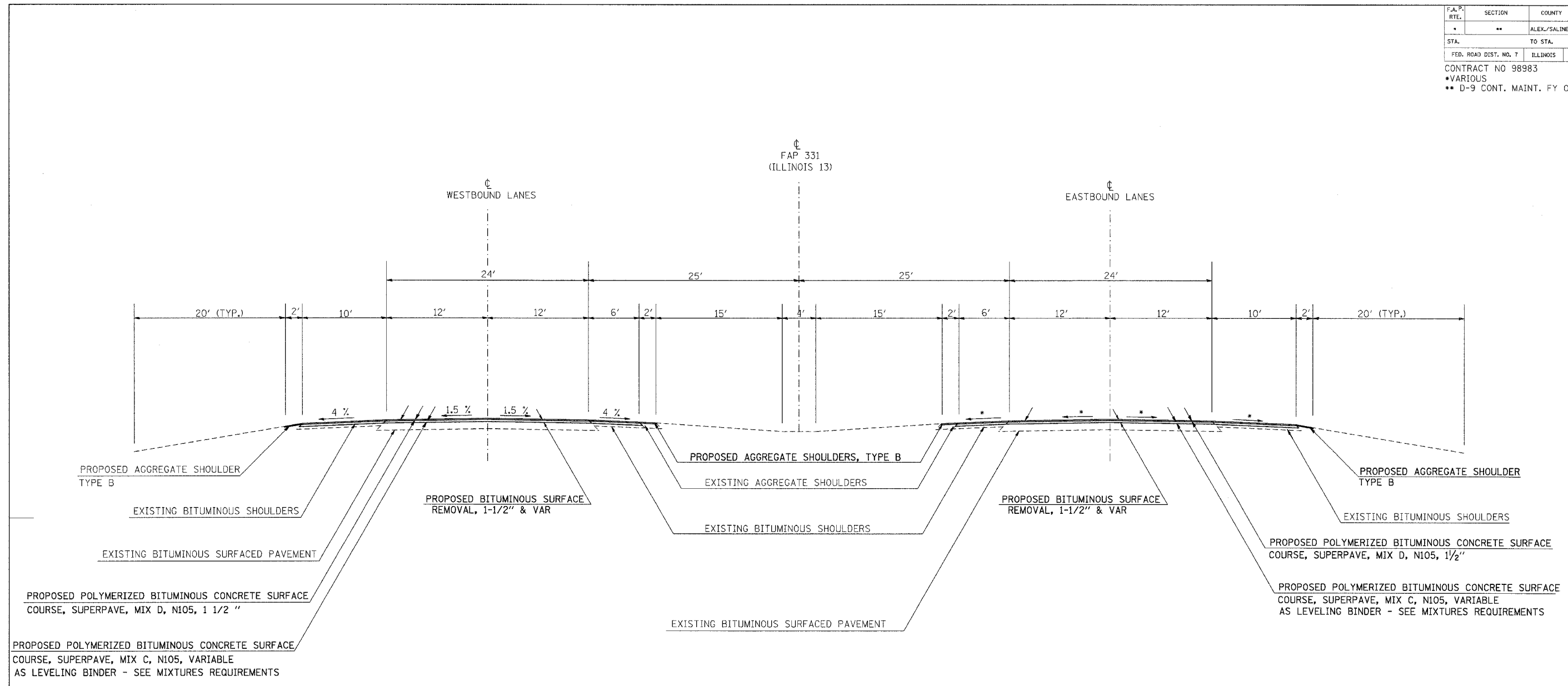
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FED. ROAD DIST. NO.		ILLINOIS		
CONTRACT NO 98983				
*VARIOUS				
** D-9 CONT. MAINT. FY 07-06				



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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	ALEX./SALINE	12	5
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS		

CONTRACT NO 98983
 *VARIOUS
 ** D-9 CONT. MAINT. FY 07-06



TO BE USED:
 LOCATION 5: STA. 830+50 TO STA 833+50 WB
 LOCATION 6: STA. 903+25 TO STA 905+22.8 WB

TO BE USED:
 LOCATION 3: STA. 910+00 EB TO STA. 912+40 EB
 LOCATION 4: STA. 917+20 EB TO STA. 919+50 EB

* LOCATION 3 NORMAL CROWN
 LOCATION 4 S.E. 0.034 FT/FT

NOTE: RESURFACE SHOULDERS WITH THE SAME BITUMINOUS MIXTURES THAT USED ON THROUGH LANES.

6/22/2006
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 08/08/06 / JN
 Page 3

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	ALEX./SALINE	12	6
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FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO 98983				
*VARIOUS				
** D-9 CONT. MAINT. FY 07-06				

SCHEDULE OF QUANTITIES

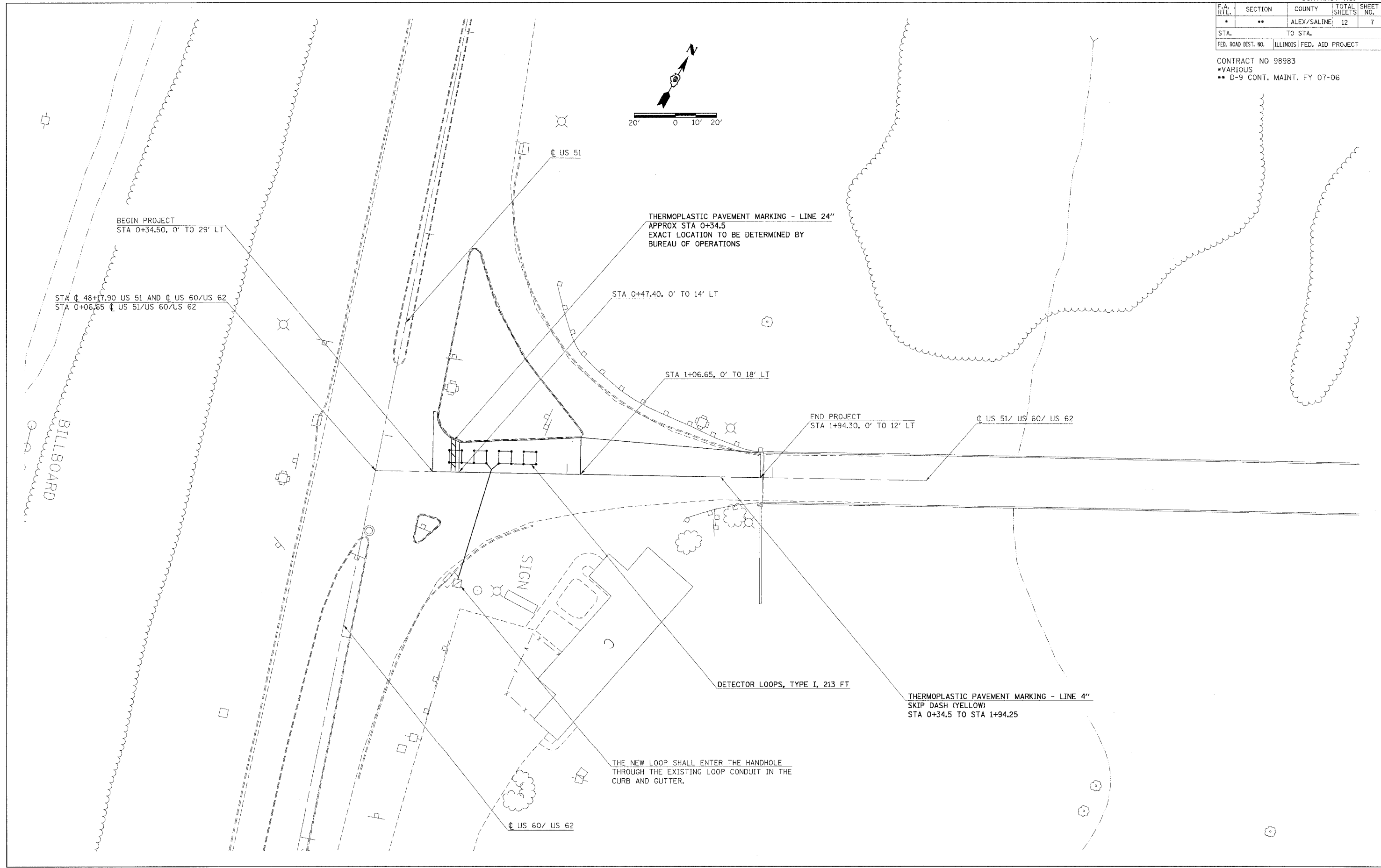
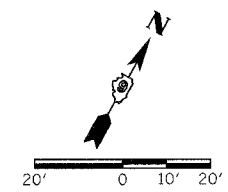
LOCATION STATION TO STATION	BITUMINOUS SURFACE REMOVAL - VARIABLE DEPTH	BITUMINOUS SURFACE REMOVAL - 4 INCH	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N105	POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0 N105	POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE N105	BITUMINOUS MATERIALS (PRIME COAT), SPECIAL	AGGREGATE (PRIME COAT)	TEMPORARY RAMP	AGGREGATE SHOULDERS, TYPE B	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	THERMOPLASTIC PAVEMENT MARKING - LINE 4"
	SQ YD	SQ YD	TON	TON	TON	GALLON	TON	SQ YD	TON	FOOT	FOOT
LOCATION 1											
STA 0+34.5								30			
STA 0+34.5 TO 0+47.35		28	2	4		3	0.1				
STA 0+34.5 TO 1+94.25 (YELLOW SKIP DASH)										18	54
STA 0+43.5											
STA 0+47.35 TO 1+06.65		106	9	15		10	0.2				
STA 1+06.65 TO 1+94.25		145	12	20		13	0.2	102			
STA 1+07 TO STA 1+76 LT								18			
STA 1+94.25											
LOCATION 2											
STA 772+95 EB								22			
STA 772+95 TO 773+54.9 EB	266		20		1.5	24	0.4		3		140 *
STA 773+54.9 EB								11			
STA 775+34.1 TO 776+60 EB	560		45		0.6	50	0.8		6		294 *
STA 775+34.1 EB								11			
STA 776+60 EB								22			
LOCATION 3											
STA 910+00 EB								22			
STA 910+00 EB TO STA 910+69 EB	307										
STA 910+00 TO 912+40 EB			93		18	96	1.6		12		560 *
STA 911+88 EB TO STA 912+40 EB	231										
STA 912+40 EB								22			
LOCATION 4											
STA 917+20 EB								22			
STA 917+20 EB TO STA 917+41.5 EB	96										
STA 917+20 TO 919+50 EB			89		11.1	92	1.5		11		537 *
STA 917+94.8 EB TO STA 919+50 EB	690										
STA 919+50 EB								22			
LOCATION 5											
STA 830+50 WB								22			
STA 830+50 WB TO STA 831+40 WB	400										
STA 830+50 TO 833+50 WB			112		33	120	2		16		700 *
STA 832+90 WB TO STA 833+50 WB	267										
STA 833+50 WB								22			
LOCATION 6											
STA 903+25 WB								22			
STA 903+25 WB TO STA 903+70 WB	200										
STA 903+25 TO 905+22.8 WB			77		11.3	79	1.3		13		462 *
STA 904+30 WB TO STA 905+22.8 WB	412										
STA 905+22.8								22			
TOTAL	3429	279	459	39	76	487	USE 8	392	61	18	2747

* INCLUDES SOLID WHITE OUTSIDE EDGE LINE, SOLID YELLOW INSIDE EDGE LINE AND WHITE CENTERLINE SKIP DASH

5/15/2006
 5:00pm
 5/15/2006
 5:00pm
 5/15/2006
 5:00pm

CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	ALEX/SALINE	12	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO 98983
 *VARIOUS
 ** D-9 CONT. MAINT. FY 07-06

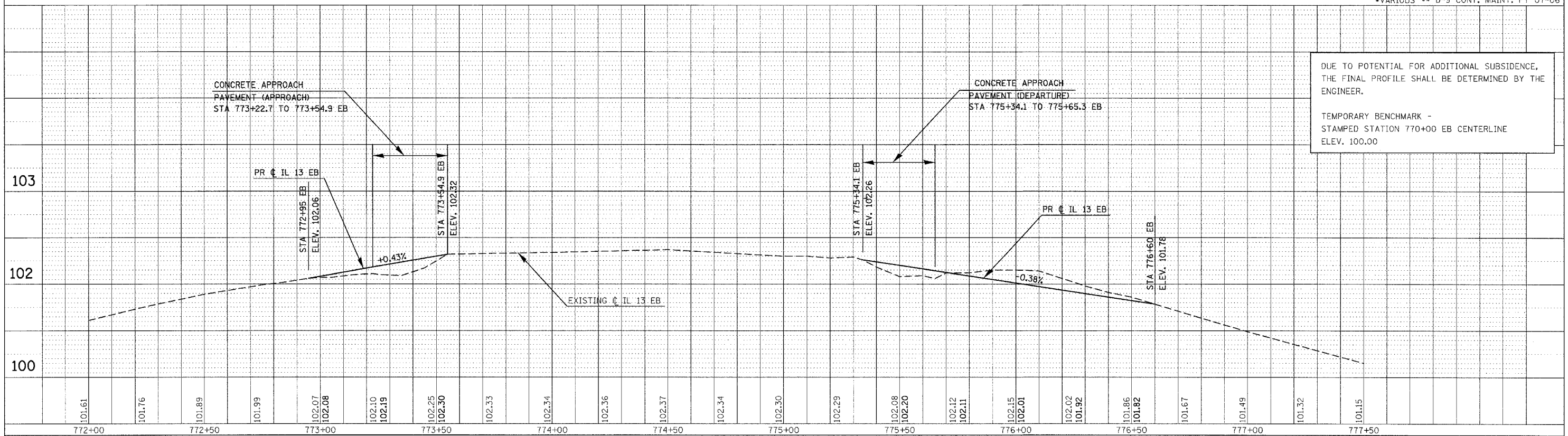


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LOCATION 2 – STRUCTURE NO. 083-0052 BANKSTON FORK

CONTRACT NO.	
F.A. RTE.	SECTION
*	**
COUNTY	TOTAL SHEETS
ALEX/SALIN	12
SHEET NO.	8
STA. ALEX/SALIN TO STA.	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
CONTRACT NO 98983	
*VARIOUS ** D-9 CONT. MAINT. FY 07-06	

PLAN	BY	DATE	SURVEYED
NO.			DATE
NOTE BOOK	NO.	DATE	NO.
FOLDER	NO.	DATE	NO.
DRAWING	NO.	DATE	NO.

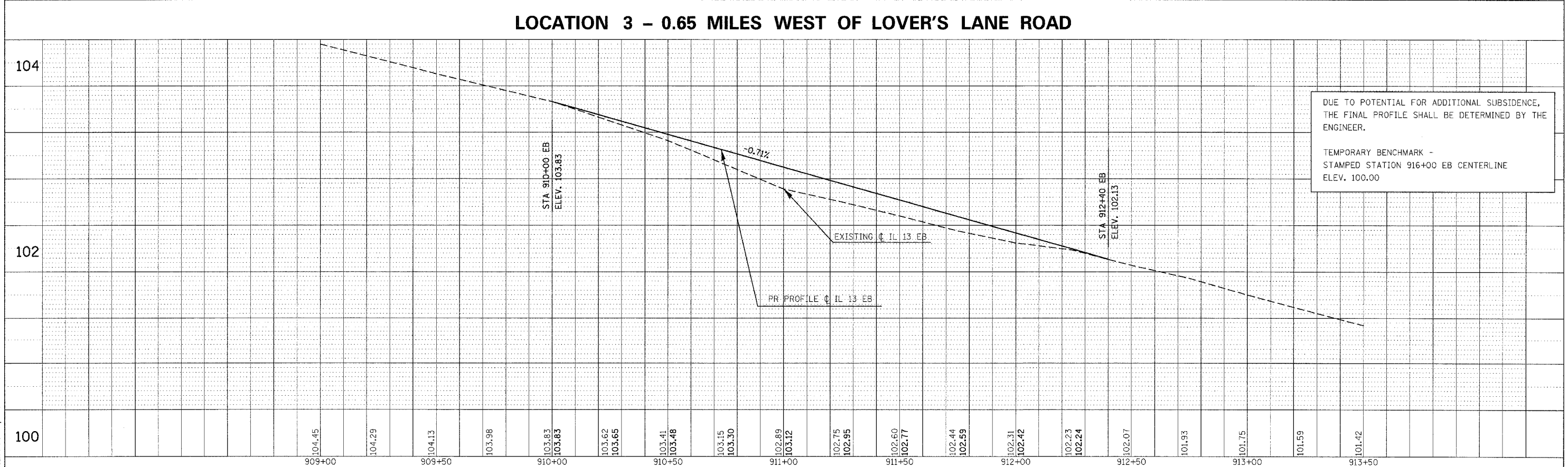


DUE TO POTENTIAL FOR ADDITIONAL SUBSIDENCE, THE FINAL PROFILE SHALL BE DETERMINED BY THE ENGINEER.

TEMPORARY BENCHMARK -
STAMPED STATION 770+00 EB CENTERLINE
ELEV. 100.00

LOCATION 3 – 0.65 MILES WEST OF LOVER'S LANE ROAD

PROFILE	BY	DATE	SURVEYED
NO.			DATE
NOTE BOOK	NO.	DATE	NO.
DRAWING	NO.	DATE	NO.



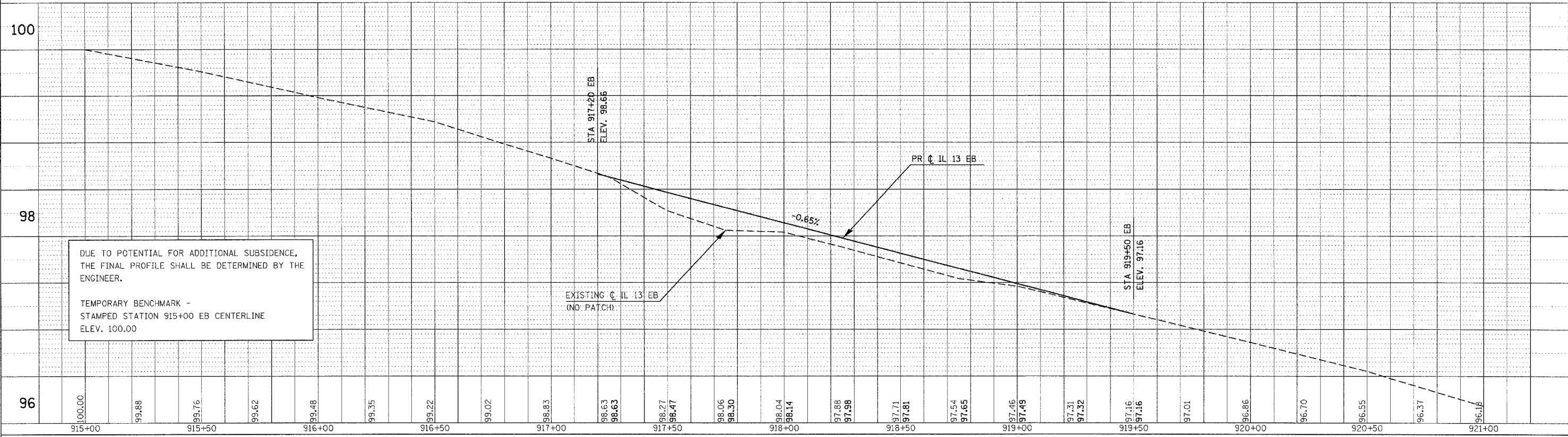
DUE TO POTENTIAL FOR ADDITIONAL SUBSIDENCE, THE FINAL PROFILE SHALL BE DETERMINED BY THE ENGINEER.

TEMPORARY BENCHMARK -
STAMPED STATION 916+00 EB CENTERLINE
ELEV. 100.00

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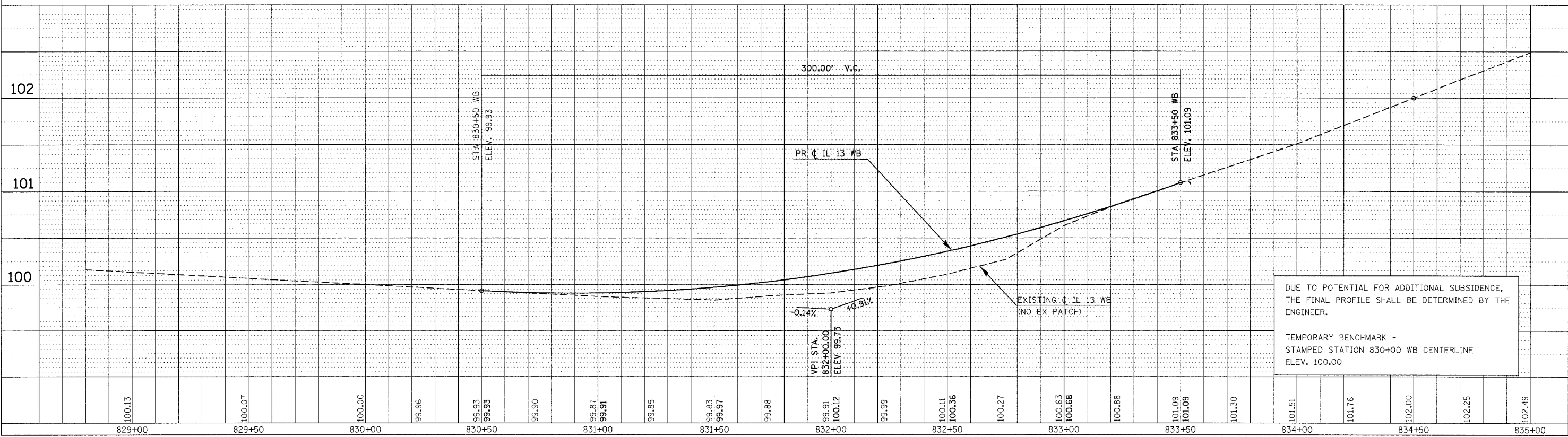
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	ALEX/SALINE	12	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 98983		VARIOUS ** D-9 CONT. MAINT. FY 07-06		

LOCATION 4 - 0.5 MILES WEST OF LOVER'S LANE ROAD



PLAN	SERIALIZED	BY	DATE
	NOTE BOOK		
	ALIGNED		
	CHECKED		
	NO.	FILE NAME	

LOCATION 5 - 1.1 MILES EAST OF BANKSTON FORK

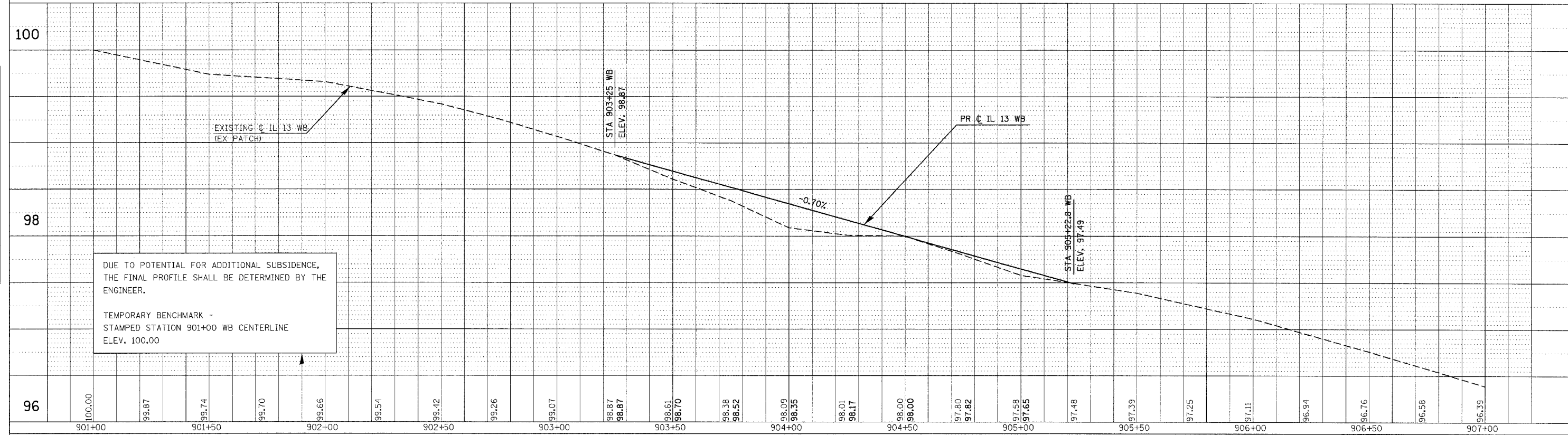


PROFILE	SERIALIZED	BY	DATE
	GRADES CHECKED		
	PLACING		
	ROTATING		
	CHKS		
	NO.		

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USER NAME = j\j\p

LOCATIONS 6 - 0.78 MILES WEST OF LOVER'S LANE ROAD

CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	ALEX/SALINE	12	10
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO 98983				
*VARIOUS ** D-9 CONT. MAINT. FY 07-06				



PLAN	DATE
SURVEYED BY: _____ NOTE BOOK NO.: _____ CHECKED BY: _____ DATE: _____	DATE: _____

PROFILE	DATE
SURVEYED BY: _____ GRADES CHECKED BY: _____ NOTE BOOK NO.: _____ CHECKED BY: _____ DATE: _____	DATE: _____

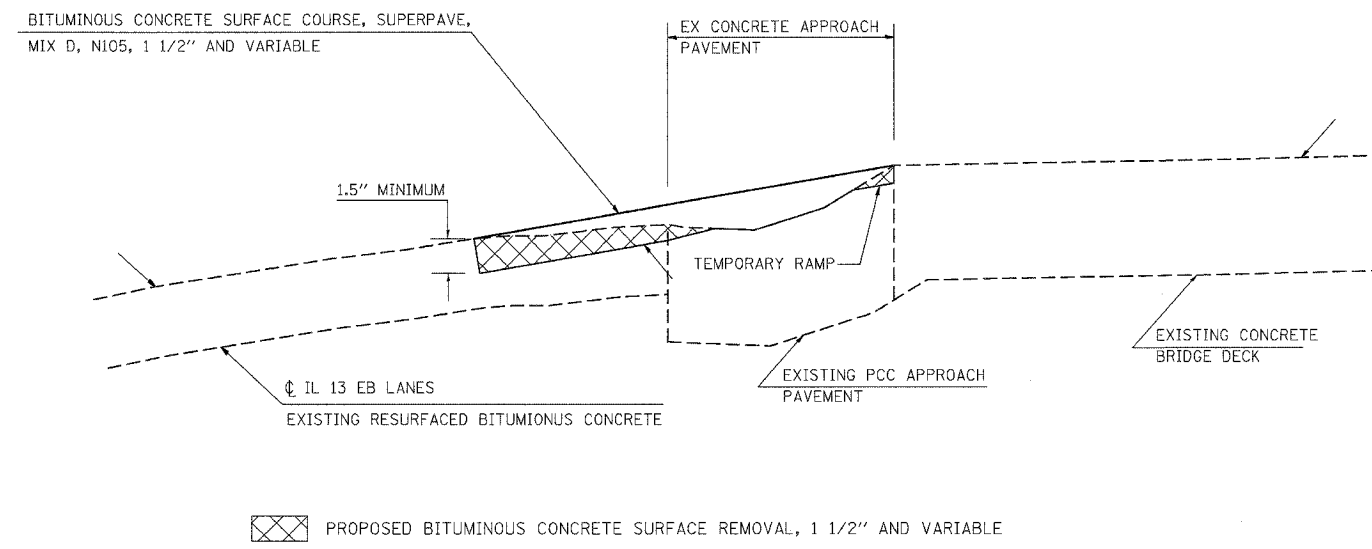
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	ALEX./SALINE	12	11
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS		

CONTRACT NO 98983
 *VARIOUS
 ** D-9 CONT. MAINT. FY 07-06

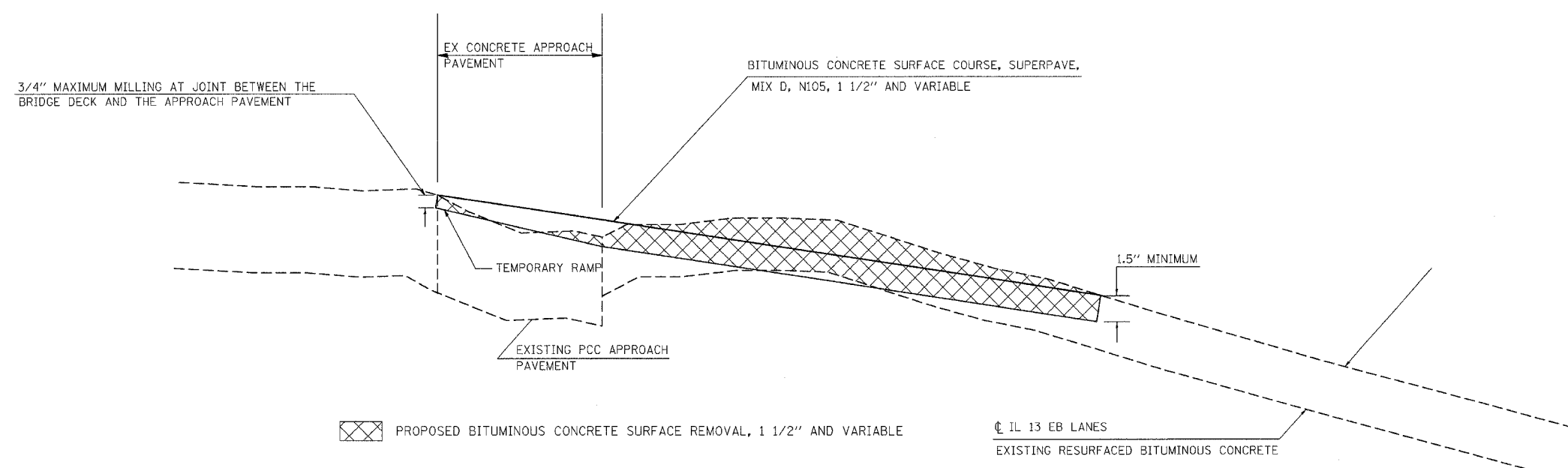
BUTT JOINT DETAIL

STRUCTURE NUMBER 083-0052
 LOCATION 2
 STA 772+95 TO 773+54.9
 NOT TO SCALE



BUTT JOINT DETAIL

STRUCTURE NUMBER 083-0052
 LOCATION 2
 STA 775+34.1 TO 776+60
 NOT TO SCALE



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

DETAIL OF DETECTOR LOOPS

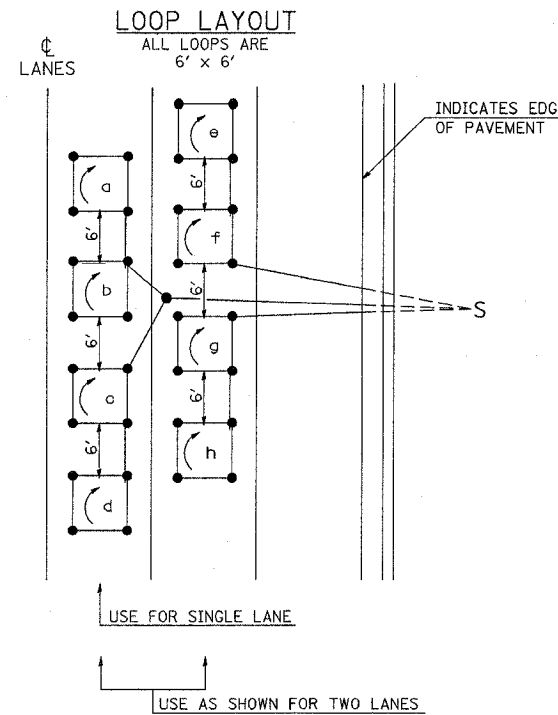
NOTES

(APPLIES TO 6' x 6' LOOPS ONLY)

1. THE DETECTOR LOOPS SHALL BE TYPE I. EACH DETECTOR LOOP SHALL HAVE 3 TURNS OF LOOP WIRE AND BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 886 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
2. BEGINNING LEAD WIRES SHALL BE CONNECTED TO THE BLACK LEAD AND THE ENDING LEAD WIRES SHALL BE CONNECTED TO THE WHITE LEAD OF THE TWIN TWISTED FEED CABLES AT THE SPLICE POINT.
3. WHERE THE LOOPS ARE INSTALLED PRIOR TO RESURFACING, THE LOOP CORNERS SHALL BE DIAGONALLY CUT.

LOOP LEGEND

-  CLOCKWISE ROTATION FOR LOOP WIRES
-  INDICATES SPLICE POINT FOR DETECTOR LOOP LEAD
-  INDICATES 2" CORE-DRILL



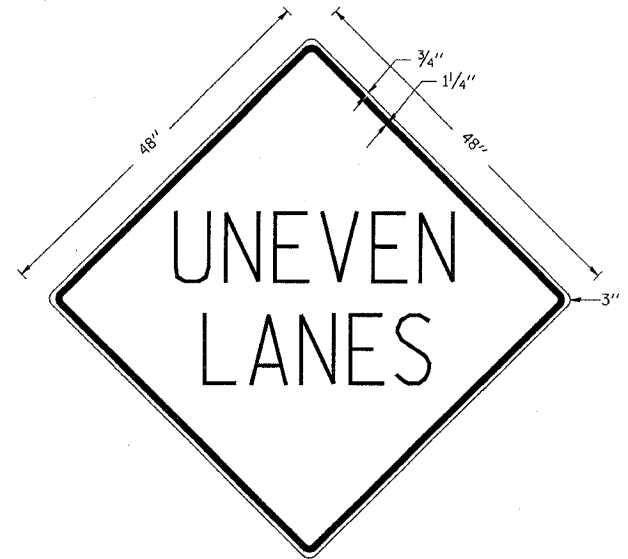
DETAIL 6' x 6' DETECTOR LOOPS

STD. 9-92

REVISIONS
REDRAWN 5-13-02
REVISED 10-27-05
REVISED
REVISED

UNEVEN LANES SIGN

W8-11 (48" x 48")
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.

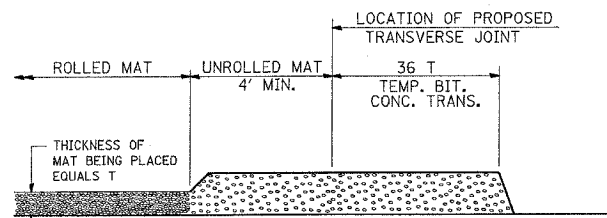
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

STD. 9-41

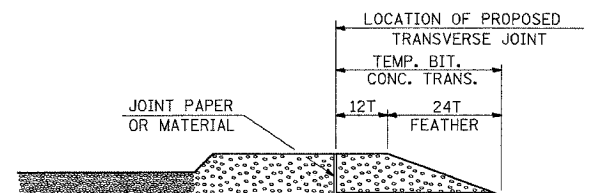
REVISIONS
DRAWN 2-15-89
REVISED 4-6-93
REVISED 7-23-04
REVISED

TEMPORARY BITUMINOUS CONCRETE TRANSITIONS



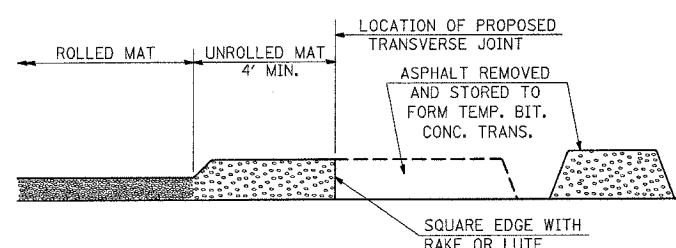
STEP I

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.



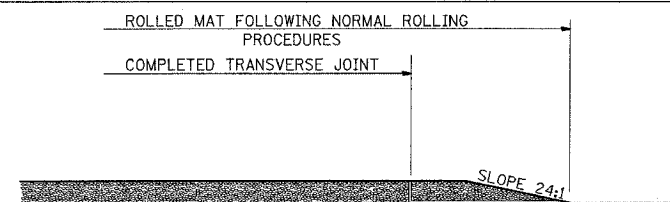
STEP III

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

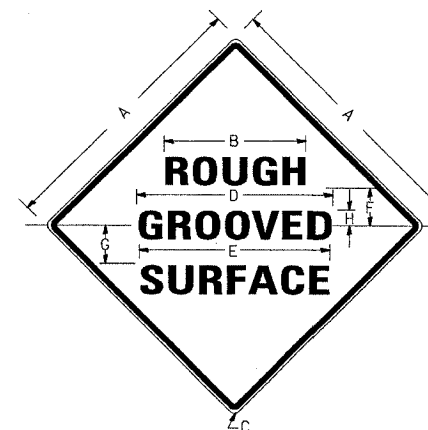
1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE BITUMINOUS MATERIAL BEING PLACED.

STD. 9-26

REVISIONS
REDRAWN 2-15-89
REVISED 8-16-92
REVISED
REVISED

ILLINOIS STANDARD

W8-1106



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

NOTES:

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

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

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

STD. 9-39

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

DETAILS: DETECTOR LOOPS; TEMP BIT CONC TRANSITIONS; UNEVEN LANES SIGN; ROUGH GROOVED SURFACE SIGN