

FAS RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	••••	•
•	••	•••	••••	1

• FAS 2882 (IL 37)/FAS 903
 •• D9 CONT. MAINT. FY 07-5
 ••• FRANKLIN & WILLIAMSON

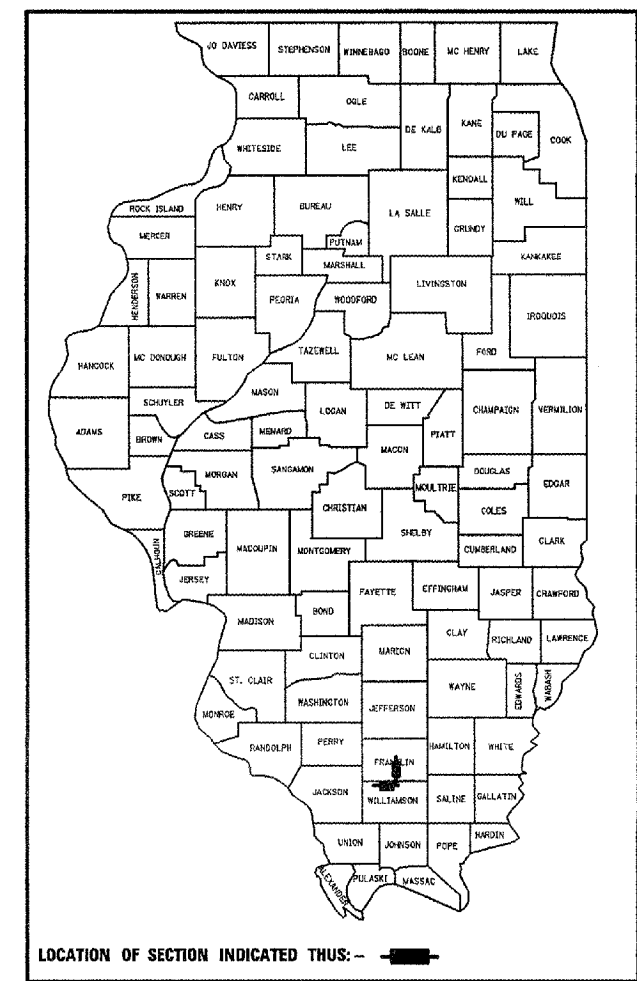
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PROPOSED
 HIGHWAY PLANS**

FAS 2882 (ILL. 37) & FAS ROUTE 903
 SECTION D9 CONT. MAINT. FY 07-5
PROJECT
 FRANKLIN AND WILLIAMSON COUNTIES

C-99-046-06

D-99-037-06



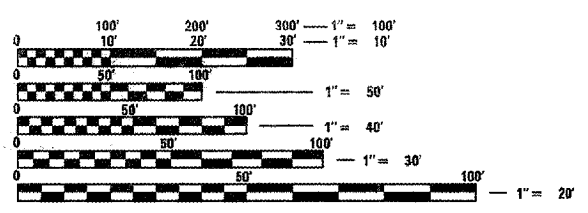
FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT:
 LOCATION 1 - FAS 903 (2006)
 ADT = 5254
 PV= 5254
 SU= 248
 MU= 179
 TRUCK = 8%
 LOCATION 2 - IL 37 (2006)
 ADT = 4532
 PV= 4197
 SU= 263
 MU= 72
 TRUCK= 7%

EQUATION STATIONS:
 LOCATION 1 -
 STA. -0+29.80 (BK.) TO STA. 0+00 (AH.)
 LOCATION 2 -
 STA. 268+78 (BK.) = STA. 0+00 (AH.)

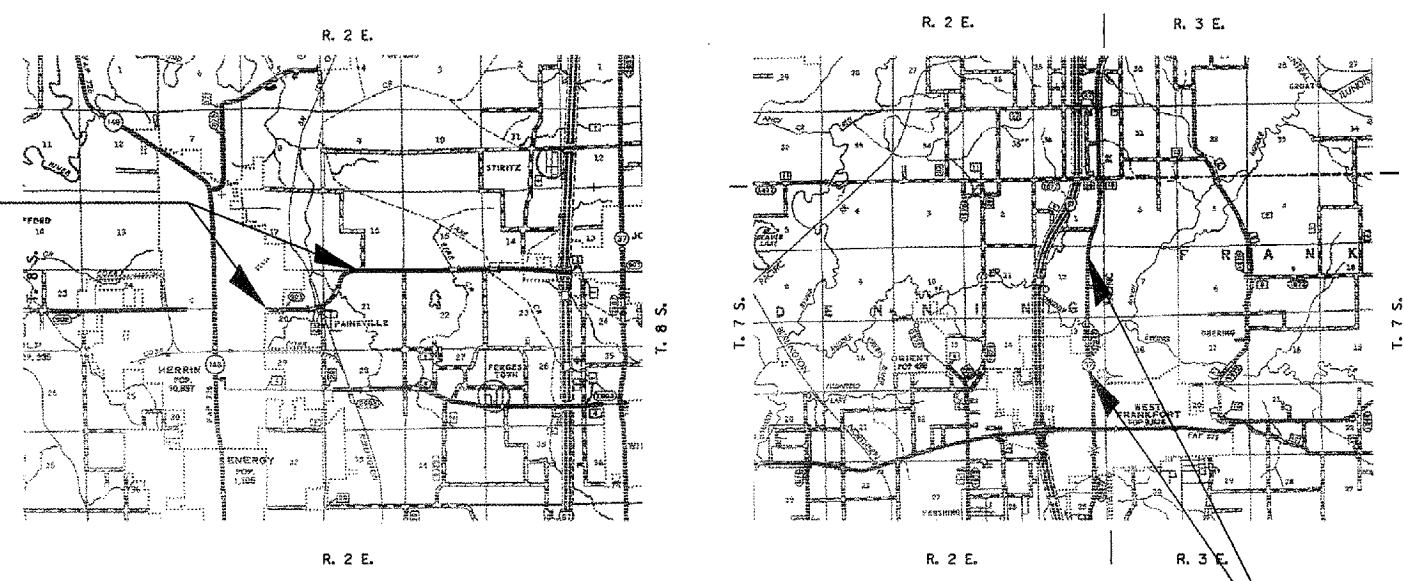
LOCATION 1 - FAS 903 EAST OF HERRIN
 STA. -0+29.80 TO STA. 75+30
 1.39 MILES

TOWNSHIPS: HERRIN AND FRANKFORT



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



LOCATION 2 - FAS 2882 (IL 37) NORTH OF WEST FRANKFORT
 STA. 178+97 TO STA. 268+78
 STA. 0+00 TO STA. 18+31 - 1.98 MILES

LENGTH OF PROJECT = 17,803 FT. = 3.37 MILES

PROJECT ENGINEER: CHARLES STEIN - (618)351-5210
 DESIGN TECHNICIAN: KATHI MCCORD - (618)351-5216

CONTRACT NO. 98979

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED May 9, 2006
Mike C. Rami
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 30, 2006
Mike Sine
 ENGINEER OF DESIGN AND ENVIRONMENT

June 30, 2006
Milton R. Sues, P.E.
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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 OF THE STATE OF ILLINOIS

F.A.S. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	2
STA.		TO STA.		
FED. ROAD DIST. NO. ..		ILLINOIS FED. AID PROJECT		

• FAS 2882 (IL 37)/FAS 903
 • DS CONT. MAINT. FY 07-5
 ••• FRANKLIN & WILLIAMSON

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SIGNATURE BLOCK, INDEX OF SHEETS, STRUCTURE RATINGS AND HIGHWAY STANDARDS
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4	SUMMARY OF QUANTITIES
5-6	TYPICAL SECTIONS
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12	LOCATION MAP FOR IL 37 (NORTH OF WEST FRANKFORT)
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14	BUTT JOINT DETAILS FOR BEGINNING AND END OF LOCATIONS
15	BUTT JOINT DETAILS AT STRUCTURE
16	TRANSITION DETAIL ON FAS 903
17	STANDARD DETAILS - BIT. CONCRETE TRANSITIONS; PAVEMENT MARKING; ROUGH GROOVED SURFACE SIGN; UNEVEN LANE SIGN

HIGHWAY STANDARDS

442201-01	702001-06
701011-01	780001-01
701301-02	781001-02
701306-01	
701311-02	
701336-04	

STRUCTURE RATINGS

STRUCTURE NO.	SUFF. RATING	INV. RATING	OPR. RATING
028-0034	82.7	22.5	37.6
028-2010	97.3	21.3	35.5
100-3008	88.3	15.6	25.0
100-3009	68.2	14.4	23.3

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

Examined By: *James Lewis Emery*
 DISTRICT LAND ACQUISITION ENGINEER

Examined By: *Carrie Nelson*
 DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: *Jim Smothers*
 DISTRICT OPERATIONS ENGINEER

Examined By: *Joseph Lewis*
 DISTRICT CONSTRUCTION ENGINEER

Examined By: *Bruce W. Nichols*
 DISTRICT MATERIALS ENGINEER

Examined By: *Jim Smothers*
 DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: *Danny J. Dutton*
 ASSISTANT REGIONAL ENGINEER

Approved By: *May Kanni*
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

DATE: *May 7* 20*04*

PLOT DATE = 4/21/2006
 FILE NAME = c:\p\projects\98979\03788\p103788.dwg
 PLOT SCALE = 100.0000 / IN.
 USER = mcsordr

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	---	17	3
STA. ----- TO STA. -----			
FED. ROAD DIST. NO. -----		ILLINOIS FED. AID PROJECT	

- * FAS 2882 (IL 37)/FAS 903
- ** D9 CONT. MAINT. FY 07-5
- *** FRANKLIN & WILLIAMSON

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 EXCEPT FOR QC/OA OF BITUMINOUS MIXTURES:

ALL BITUMINOUS CONCRETE.....2.016 TONS/CU.YD.
 ALL AGGREGATE.....2.05 TONS/CU.YD.
 BITUMINOUS MATERIALS (PRIME COAT)
 ON PAVEMENT.....0.09 GALS./SQ. YD.
 ON AGG. SURFACE.....0.32 GALS./SQ. YD.
 AGGREGATE (PRIME COAT).....0.0015 TONS/SQ. YD.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS WERE BASED ON ONE APPLICATION EACH FOR THE PRIME COAT AND SURFACE COURSE.

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

THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED BITUMINOUS MATS AT 300 FT. INTERVALS ON ALTERNATING SIDES OF THE PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5/2" TALL OF A DESIGN APPROVED BY THE ENGINEER AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

UNLESS OTHERWISE DIRECTED BY THE ENGINEER, BITUMINOUS RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTER-LINE EDGE IS EXPOSED TO TRAFFIC.

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

THE CONTRACTOR SHALL COMPLETE ALL PATCHING PRIOR TO THE BITUMINOUS SURFACE REMOVAL.

QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

BITUMINOUS MIXTURE DESIGNS SHALL BE PREPARED AS DIRECTED BELOW:

FOR FAS 903 :

Mixture Ussets):	Bituminous Concrete Surface Course (Superpave), Mix. D, N105
AC/PG:	SBS PG76-22
RAP % (Max.):	0
Design Air Voids:	4.0%, 105 Gyration Superpave Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm or IL-12.5 mm
Friction Aggregate:	Mixture D

FOR FAS 2882 :

Mixture Ussets):	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-9.5mm or IL-12.5 mm
Friction Aggregate:	Mixture C

BITUMINOUS MATERIALS (PRIME COAT) SPECIAL

LOCATION(S):	Bituminous Materials (Prime Coat)
MIXTURE USE(S):	Polymer Modified Emulsified Asphalt
REQUIREMENTS:	SS-IHP or CSS-IHP

CLASS D PATCHING REQUIREMENTS:

Mixture Ussets):	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-19.0mm
Friction Aggregate:	None

FOR SIDE ROADS AND ENTRANCES:

Pay Item:	Incidental Bituminous Surface
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-9.5mm or IL-12.5 mm
Friction Aggregate:	Mixture C

PLOT DATE = 4/25/2005
 FILE NAME = C:\p037865\p037865.dwg
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = mccordr

F.A.S. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	17	4
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS	FED. AID PROJECT	

• FAS 2882 (IL 37)/FAS 903
 • D9 CONT. MAINT. FY 07-5
 ••• FRANKLIN & WILLIAMSON

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	FAS 903	FAS 903	FAS 2882 (IL 37)
				URBAN 100% STATE WILLIAMSON COUNTY 1000 QUANTITY	RURAL 100% STATE WILLIAMSON COUNTY 1000 QUANTITY	RURAL 100% STATE FRANKLIN COUNTY 1000 QUANTITY
X0322729	MATERIAL TRANSFER DEVICE	TON	4,111.0	1,585.0	212.0	2,314.0
X4066418	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX C, N90	TON	2,279.0			2,279.0
X4066430	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N105	TON	1,745.0	1,543.0	202.0	
X7015000	CHANGEABLE MESSAGE SIGNS	CAL MO	1.0	0.8	0.2	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0	1.0		
40600105	BITUMINOUS MATERIALS (PRIME COAT) SPECIAL	GALLON	4,418.0	1,676.0	222.0	2,520.0
40600300	AGGREGATE (PRIME COAT)	TON	72.8	28.2	3.6	41.0
40600895	CONSTRUCTING TEST STRIP	EACH	2.0	0.8	0.2	1.0
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	50 YD	462.0	204.0	51.0	207.0
40600990	TEMPORARY RAMP	50 YD	84.0	44.0	8.0	32.0
40800040	INCIDENTAL BITUMINOUS SURFACE	TON	50.0	9.0	2.0	39.0
44000002	BITUMINOUS SURFACE REMOVAL 1/2"	50 YD	41,746.0	12,586.0	2,446.0	26,714.0
44000006	BITUMINOUS SURFACE REMOVAL 1 1/2"	50 YD	5,745.0	5,745.0		
44201798	CLASS D PATCHES, TYPE I, 13 INCH	50 YD	160.0	10.0		150.0
44201803	CLASS D PATCHES, TYPE II, 13 INCH	50 YD	150.0	50.0		100.0
44201807	CLASS D PATCHES, TYPE III, 13 INCH	50 YD	50.0	50.0		
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	50 YD	100.0	100.0		
44300900	STRIP REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	FOOT	17,666.0			17,666.0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	266.0	2.0		264.0
48201000	BITUMINOUS SHOULDERS	TON	227.0	191.0	36.0	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2.0	0.8	0.2	1.0
67100100	MOBILIZATION	L SUM	1.0	0.3	0.2	0.5
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0	0.3	0.2	0.5
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1.0	0.3	0.2	0.5
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	3,562.0	1,282.0	191.0	2,089.0
70300210	TEMPORARY PAVEMENT MARKING, LETTERS & SYMBOLS	50 FT	122.4	122.4		
70300220	TEMPORARY PAVEMENT MARKING, LINE 4"	FOOT	49,169.0	18,341.0	3,731.0	27,097.0
70300280	TEMPORARY PAVEMENT MARKING, LINE 24"	FOOT	69.0	69.0		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	50 FT	17,545.0	6,618.0	1,295.0	9,632.0
* 78001100	PAINT PAVEMENT MARKING - LETTERS & SYMBOLS	50 FT	122.4	122.4		
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	49,169.0	18,341.0	3,731.0	27,097.0
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	69.0	69.0		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKERS	EACH	227.0	82.0	13.0	132.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	227.0	82.0	13.0	132.0

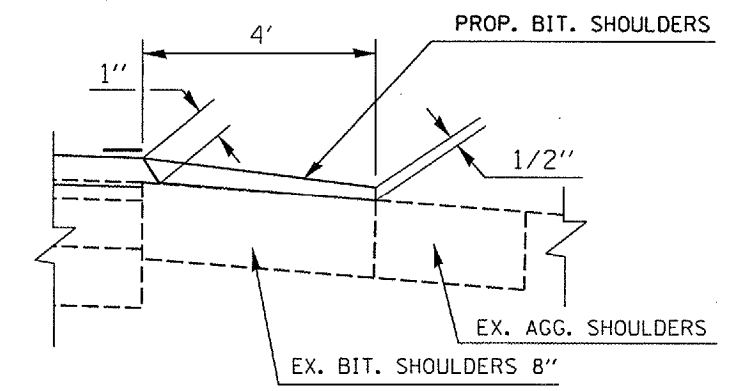
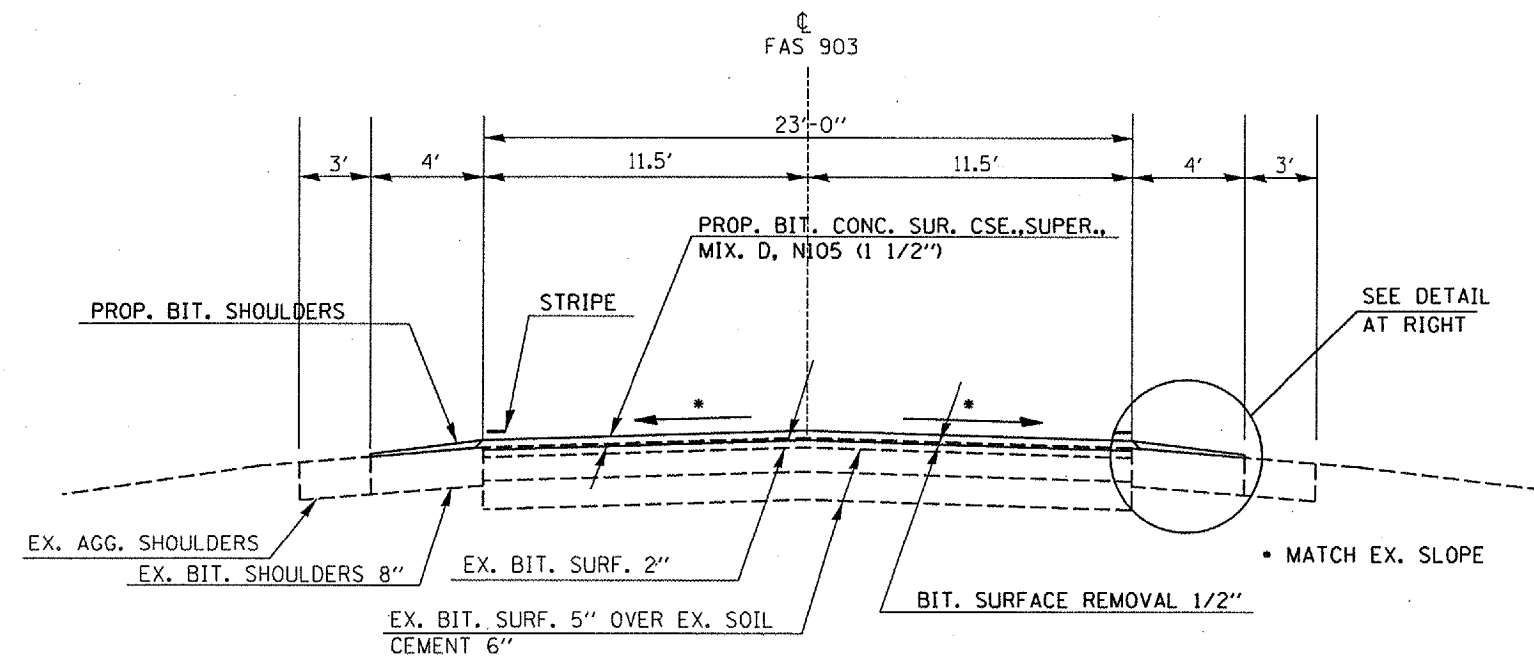
*SPECIALTY ITEMS

PLOT DATE : 4/28/2006
 PLOT SCALE : 1/8"=1'-0"
 USER NAME : mccordr

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	---	17	5
STA. --- TO STA. ---			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

• IL 37/FAS 903
 •• D9 CONT. MAINT. FY 07-5
 ••• FRANKLIN & WILLIAMSON

**TYPICAL SECTION #2
FAS 903**

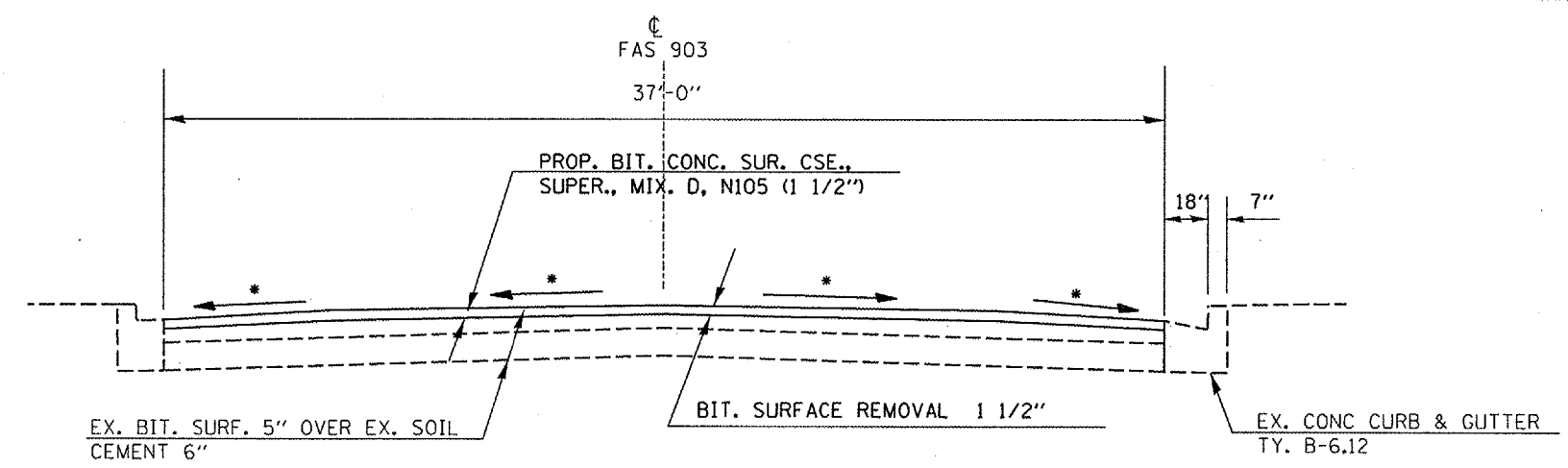


TO BE USED:
 STA. 13+55 TO STA. 37+95 (RR XING)
 STA. 39+06 (RR XING) TO STA. 53+15 (W. ABUT.)
 STA. 53+97 (E. ABUT.) TO STA. 75+30 (BUTT JT.)

PROJECT LIMITS NOTE:
 URBAN LIMITS:
 STA. -0+29.80 TO STA. 65+72.88
 RURAL LIMITS:
 STA. 65+72.88 TO STA. 75+00

CURVE TREATMENT NOTE:
 MATCH EXISTING SUPERELEVATION SLOPE ON THE FOLLOWING CURVES:
 STA. 2+51.84 TO STA. 4+37.27
 STA. 29+64.08 TO STA. 57+11.21
 STA. 60+17.70 TO STA. 73+78.91

**TYPICAL SECTION #1
FAS 903**

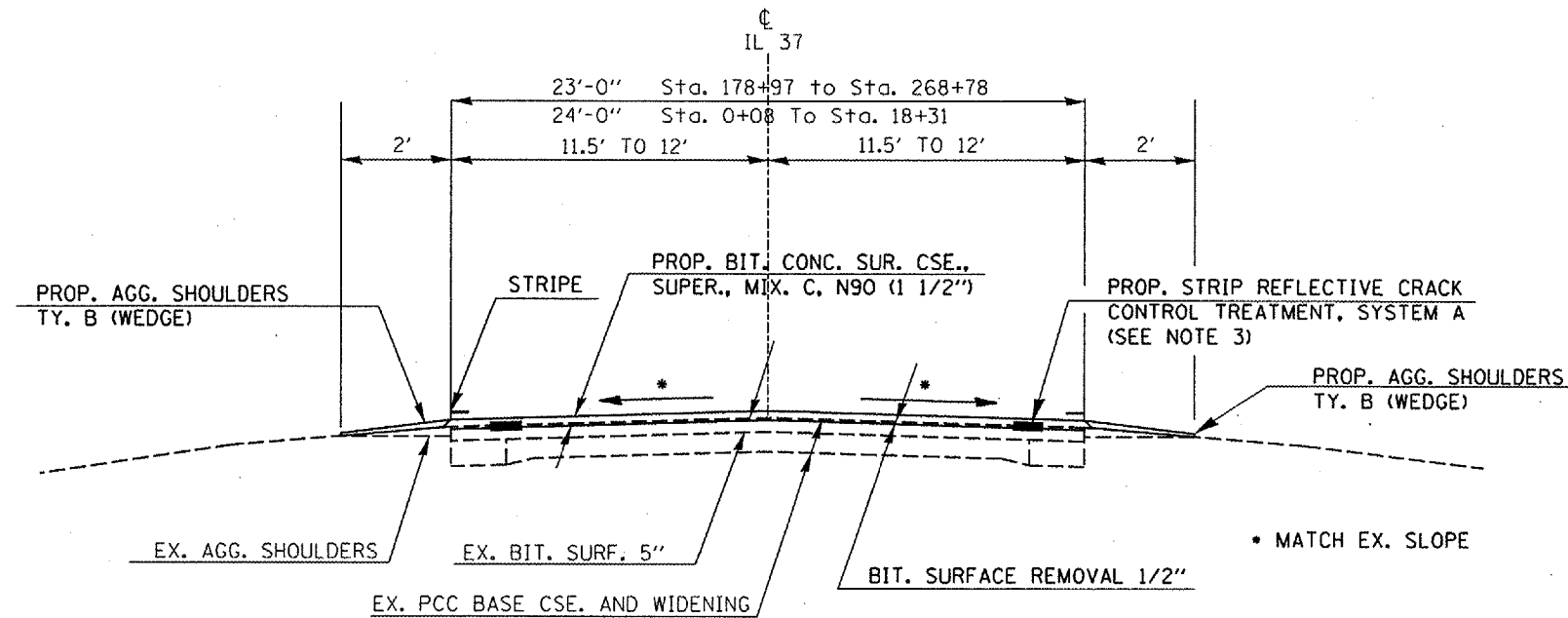


TO BE USED:
 STA. -0+29.80 TO EQ. STA. -0+00 (BK.) =
 STA. 0+00 (AH.) TO STA. 13+55

PLOT DATE = 4/28/2005
 FILE NAME = c:\pcc\pccs\p983706\p983706.dwg
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = mcdonald

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	---	17	6
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
• IL 37/FAS 903			
•• D9 CONT. MAINT. FY 07-5			
••• FRANKLIN & WILLIAMSON			

TYPICAL SECTION #1
IL 37



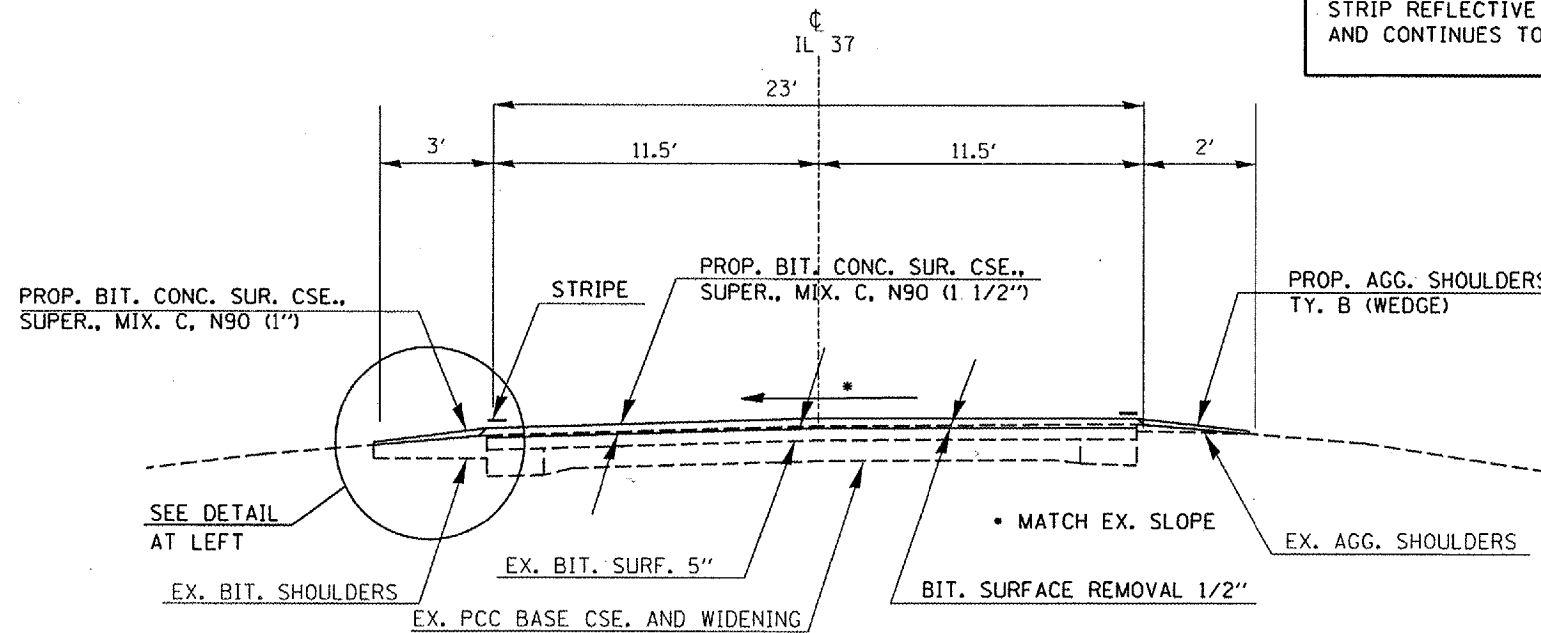
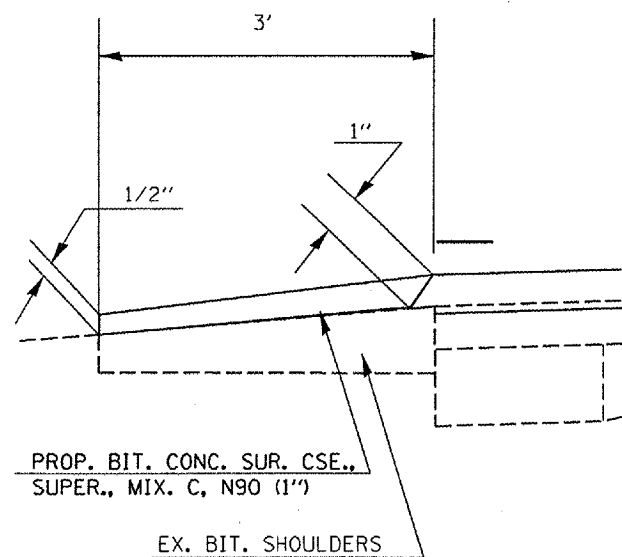
TO BE USED:
 STA. 187+55 TO STA. 253+83 (SN 028-0034 N. ABUT.)
 STA. 257+51 (SN 028-0034 S. ABUT.) TO EQ.STA. 268+78 (BK.) =
 STA. 0+08 (AH.) TO STA. 18+31 (BUTT JT.)

NOTE 1:
 AN EXISTING PCC PATCH IS FROM STA. 237+52 TO STA. 238+37. IT IS 23'x85' AND SHALL BE 1/2" SURFACE MILLED. THIS SHALL BE PAID FOR AS BITUMINOUS SURFACE REMOVAL 1/2".

NOTE 2:
 MATCH EXISTING SUPERELEVATION SLOPE ON THE FOLLOWING CURVES:
 STA. 178+97.2 TO STA. 187+54.4
 STA. 0+08.8 TO STA. 18+31

NOTE 3:
 STRIP REFLECTIVE CRACK CONTROL TREATMENT BEGINS AT STA. 195+00 AND CONTINUES TO END OF PROJECT.

SHOULDER RESURFACING
DETAIL



TO BE USED:
 STA. 178+97 TO STA. 187+55

PLOT DATE : 4/29/2006
 PLOT SCALE : 1/8" = 1'-0"
 USER NAME : mcsordkr

F.A.S. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	17	7
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS	FED. AID PROJECT	

* FAS 2882 (IL 37)/FAS 903
 ** D9 CONT. MAINT. FY 07-5
 *** FRANKLIN & WILLIAMSON

PAINT PAVEMENT MARKING SCHEDULE

STATION TO STATION	PAINT PAVEMENT MARKING					TEMPORARY			NOTES				
	4 INCH WHITE	4 INCH YELLOW	4 INCH SKIP-DASH YELLOW	24 INCH WHITE	LETTERS & SYMBOLS WHITE	4 INCH	24 INCH	LETTERS & SYMBOLS					
	FOOT	FOOT	FOOT	FOOT	SO FT	FOOT	FOOT	SO FT					
FAS 903 - East of Herrin													
Station -0+29.80+00 To Sta. 13+55													
	-0+29.8	TO	0+00			30							
	0+00	TO	32+00.0			800							
LT. & RT.	13+55.0	TO	34+24.0	4,138.0		4138			EDGELINES				
SN 100-3008 - STA. 34+24 TO STA. 34+64													
LT. & RT.	34+64.0	TO	37+95.0	662.0		745			EDGELINE				
Railroad Crossing at Sta. 37+95 To Sta. 39+06													
LT. & RT.	39+06.0	TO	53+15.0	2,818.0		2818			EDGELINES				
RT.	25+77.0	TO	65+72.9			3,996			RNP ZONE				
SN 100-3009 - STA. 53+15 TO STA. 53+97													
LT. & RT.	53+97.0	TO	65+72.9	2,351.8		2352			EDGELINES				
LT.	32+00.0	TO	65+72.9			3,373			LNP ZONE				
URBAN / RURAL LIMITS - STA. 65+72.88													
RT.	65+72.9	TO	74+00.0			827			RNP ZONE				
LT. & RT.	65+72.9	TO	75+30.0	1,914.2		1914							
LT.	65+72.9	TO	75+30.0			957			LNP ZONE				
RT.	74+00.0	TO	75+30.0		33	33							
RT.	34+65.0				11.5		11.5		STOP BAR				
RT.	34+90.0					61.2		61.2	RR SYMBOLS				
RT.	35+15.0				11.5		11.5		STOP BAR				
RT.	38+30.0				11.5		11.5		STOP BAR				
LT.	38+70.0				11.5		11.5		STOP BAR				
LT.	41+85.0				11.5		11.5		STOP BAR				
LT.	42+10.0					61.2		61.2	RR SYMBOLS				
LT.	42+35.0				11.5		11.5		STOP BAR				
FAS 903 SUB-TOTALS													
				11,964.0		9,153.0		955	69.0	122.4	22072	69.0	122.4
IL 37 - North of West Frankfort													
Station 178+97 To Station 18+31													
LT. & RT.	178+97.0	TO	253+83.0	14,972.0		1,872				16844			EDGELINES
LT. & RT.	241+88.0	TO	253+83.0	2,390.0		299				2689			EDGELINES
RT.	250+91.0	TO	253+46.0			255.0				255			RNP ZONE
SN 028-0034 - STA. 253+83 TO STA. 257+51													
LT. & RT.	257+51.0	TO	268+78.0	2,254.0		282				2536			EDGELINES
LT.	260+85.0	TO	267+56.0			671.0				671			LNP ZONE
EQ. STA. 268+78 (BK.) = STA. 0+08 (AH.)													
LT. & RT.	0+08	TO	18+31.0	3,646.0		456				4102			EDGELINES
IL 37 SUB-TOTALS													
				23,262.0		926.0		2,908	0.0	0.0	27097	0.0	0.0
SUB-TOTALS													
				35,226.0		10,079.0		3,863	69.0	122.4	49169	69.0	122.4
TOTALS													
						49168		69	122.4	122.4	49169	69	122.4

PLOT DATE : 4/28/2006
 PLOT SCALE : 1/8"=1'-0"
 USER NAME : mcarroll

F.A.S. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	17	8
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

• FAS 2882 (IL 37)/FAS 903
 •• D9 CONT. MAINT. FY 07-5
 ••• FRANKLIN & WILLIAMSON

SCHEDULE FOR SIDE ROADS

STATION LT. or RT.	SIDE ROAD NAME	SURFACE TYPE	WIDTH AT EDGE OF PAVEMENT	10' SETBACK	SURFACE AREA	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	BIT. MAT. (PRIME COAT) SPL.	AGGREGATE (PRIME COAT)	INCIDENTAL BIT. SURFACE
			(FT)	(FT)	(SQ YD)	(SQ YD)	(GAL)	(TON)	(TON)
FAS 903 - LOCATION 1									
RT. 40+31	BANDYVILLE RD.	BIT.	80	50	73	73.0	6.0	0.10	6
SUBTOTAL LOCATION 1						73	6.0	0.1	6
IL 37 - LOCATION 2									
LT. 198+50	MISSOURI RD.	OIL & CHIP	62.5	39	57		5.1	0.09	10
LT. 211+94	PACIFIC DR.	OIL & CHIP	55.5	27.7	47		4.2	0.07	8
RT. 18+00	N. DOUGLAS ST.	BIT.	124.2	42.6	124	124.00	11.2	0.19	10
SUBTOTAL LOCATON 2						124	21	0.4	28
TOTALS:						197	27	0.5	34

SCHEDULE FOR ENTRANCES

NUMBER	ENTRANCE TYPE	SURFACE TYPE	WIDTH AT EDGE OF PAVEMENT	DISTANCE TO END OF SURFACING	SURFACE AREA	BIT. MAT. (PRIME COAT) SPL.	AGGREGATE (PRIME COAT)	INCIDENTAL BIT. SURFACE	AGGREGATE (WEDGE) *
			(FT)	(FT)	(SQ YD)	(GAL)	(TON)	(TON)	(TON)
FAS 903 - LOCATION 1									
8	PRIVATE ENTRANCE	AGGREGATE	16	4	50	16	0.08	5	2
SUBTOTAL LOCATION 1						16	0.1	5.0	2
IL 37 - LOCATION 2									
3	PRIVATE ENTRANCE	AGGREGATE	16	4	25	6	0.04	2	1
2	COMMERCIAL ENT.	PCC	39	4	33	3	0.05	2	
1	COMMERCIAL ENT.	OIL & CHIP	39	4	16	1	0.02	1	
7	COMMERCIAL ENT.	AGGREGATE	39	4	115	37	0.17	7	
SUBTOTAL LOCATION 2						47	0.3	11	1
TOTALS:						63	0.4	16	3

* AGGREGATE WEDGE QUANTITY TO BE INCLUDED IN COST OF AGGREGATE SHOULDER, TY. B.

PLOT DATE : 4/28/2006
 FILE NAME : c:\projects\98979\FAS 903\98979.dwg
 USER : mrc
 USER NAME : mrc

F.A.S. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17	9
STA.		TO STA.		
FED. ROAD DIST. NO. ...		ILLINOIS	FED. AID PROJECT	

* FAS 2882 (IL 37)/FAS 903
 ** D9 CONT. MAINT. FY 07-5
 *** FRANKLIN & WILLIAMSON

RESURFACING SCHEDULE

LOCATION STATION TO STATION	LENGTH (FT)	ROADWAY WIDTH (FT)	ROADWAY AREA (SQ YD)	BIT. SURF. REMOVAL - BUTT JT.	BIT. SURF. REM. 1/2"	BIT. SURF. REM. 1 1/2"	BIT. SURF. CSE. SUPERPAVE, MIX D, N105	BIT. SURF. CSE. SUPERPAVE, MIX C, N 90	BIT. MAT. (PR. CT.) SPL.	AGG. PRIME COAT	BIT. SHOULDERS	AGG. SHOULDER TYPE B (Note 1)	STRIP REF. CR. CONT. TR.	TEMPORARY RAMP
				(SQ YD)	(SQ YD)	(SQ YD)	(TON)	(TON)	(GAL)	(TON)	(TON)	(TON)	(FOOT)	(SQ YD)
FAS 903 - STA. -0+29.80 TO STA. 75+30														
-0+29.8 TO 0+00	29.8	37.0	122.5			123	10.0		11.0	0.2				21.0
EQ. STA. -0+29.80 (BK.) = STA. 0+00 (AH)														
+00.00 TO 13+55.00	1355.0	37.0	5570.6			5571	468.0		501.0	8.4				
13+55.00 TO 34+24.00	2069.0	23.0	5287.4		5236	51	445.0		476.0	7.9	79.0			
S. N. 100-3008 (CREEK) STA. 34+24 TO STA. 34+64														
34+64.00 TO 37+95.00	331.0	23.0	845.9	51.0	795		67.0		76.0	1.3	13.0			13.0
RAILROAD CROSSING - STA. 37+95 TO STA. 39+06														
39+06.00 TO 53+15.00	1409.0	23.0	3600.8	102.0	3499.0		295.0		324.0	5.5	54.0			26.0
BRIDGE OMISSION S. N. 100-3009 (BEAR CREEK)														
53+97.00 TO 65+72.88	1175.9	23.0	3005.0	51.0	2954.0		249.0		270.0	4.6	45.0			13.0
URBAN/RURAL LIMITS - STA. 65 +72.88														
65+72.88 TO 75+30.00	957.1	23.0	2446.0	51.0	2446.0		202.0		220.0	3.7	36.0			13.0
FAS 903 SUBTOTAL				255	15,032	5,745	1,745	0	1887	31.7	227	0	0	86.0
IL 37 - STA. 178+97 TO STA. 18+30														
178+97 TO 237+52	5855.0	23.0	14962.8	51.0	14,963			1273 (Note 2)	1373.0	23.0		132.0	8504.0	26.0
S. N. 028-2010 - STA. 237+52 TO STA. 238+37														
238+37 TO 253+83	1546.0	23.0	3950.9	51.0	3,900			334.0	355.0	5.0		39.0	3092.0	
BRIDGE OMISSIONS S. N. 028-0034														
257+51 TO 268+78	1127.0	23.0	2880.1	51.0	2,829			243.0	259.0	4.0		28.0	2254.0	13.0
EQ. STA. 268+78 (BK.) = STA. 0+00 (AH)														
+08 TO 18+31	1823.0	24.0	4861.3	54.0	4,805			409.0	438.0	7.0		46.0	3646.0	13.0
IL 37 SUBTOTAL				207	26714	0	0	2279	2445.0	40.0	0.0	247.0	17666.0	52.0
TOTALS				462	41746	5,745	1,745	2,279	4,332	71.7	227	247	17666	138.0

(1) See General Notes, Sheet 3, for Aggregate Shoulders, Type B application.

(2) Existing Bituminous Shoulder at Lt. Sta. 178+97 to Sta. 187+54 shall be resurfaced and included in the cost of Polymer Bituminous Concrete Surface Course, Superpave, Mix. D, N90.

PLOT DATE = 1/28/2008
 FILE NAME = C:\p00000000\p0007861\9897986.dwg
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = mcdonald

FAS. ALC.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.17	10
STA. _____ TO STA. _____				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

- * FAS 2882 (IL 37)/FAS 903
- ** 09 CONT. MAINT. FY 07-5
- *** FRANKLIN & WILLIAMSON

LOCATION 1
 FAS 903 EAST OF HERRIN
 STA. -0+29.80 TO STA. 45+00



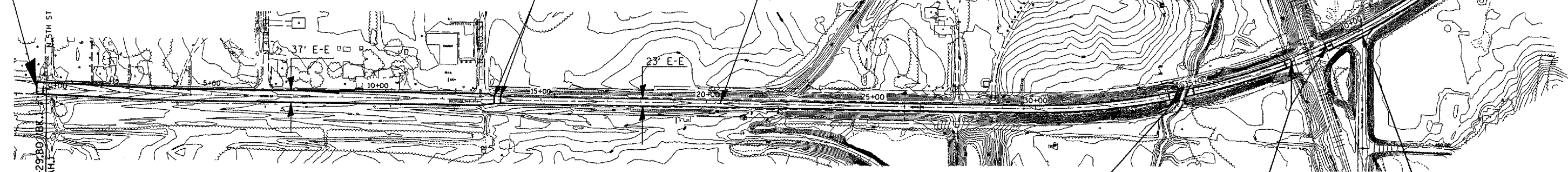
EXIST. CURVE 2
 PI STA. = 45+61.33
 $\Delta = 73^\circ 14' 39''$ (LT)
 $D = 2^\circ 39' 58''$
 $R = 2,148.96'$
 $T = 1,597.24'$
 $L = 2,747.13'$
 $E = 528.58'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = 0.035'/'$
 $P.C. \text{ STA.} = 29+64.08$
 $P.T. \text{ STA.} = 57+11.21$

CITY OF HERRIN

PROP. IMPROVEMENT BEGINS
 STA. -0+29.80 (FAS 903) INLAY BEGINS

INLAY ENDS. TRANSITION
 FROM STA. 13+56 TO STA. 13+76
 (SEE SHT. 16)

CL FAS 903



EXIST. CURVE 1
 PI STA. = 3+44.56
 $\Delta = 2^\circ 06' 41''$ (LT)
 $D = 1^\circ 08' 19''$
 $R = 5,031.69'$
 $T = 92.72'$
 $L = 185.43'$
 $E = 0.85'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 2+51.84$
 $P.T. \text{ STA.} = 4+37.27$

STR. NO. 100-3008
 STA. 34+24 TO STA. 34+64

OMIT RAILROAD CROSSING
 STA. 37+95 TO STA. 39+06

BANDYVILLE RD.
 RT. STA. 40+31

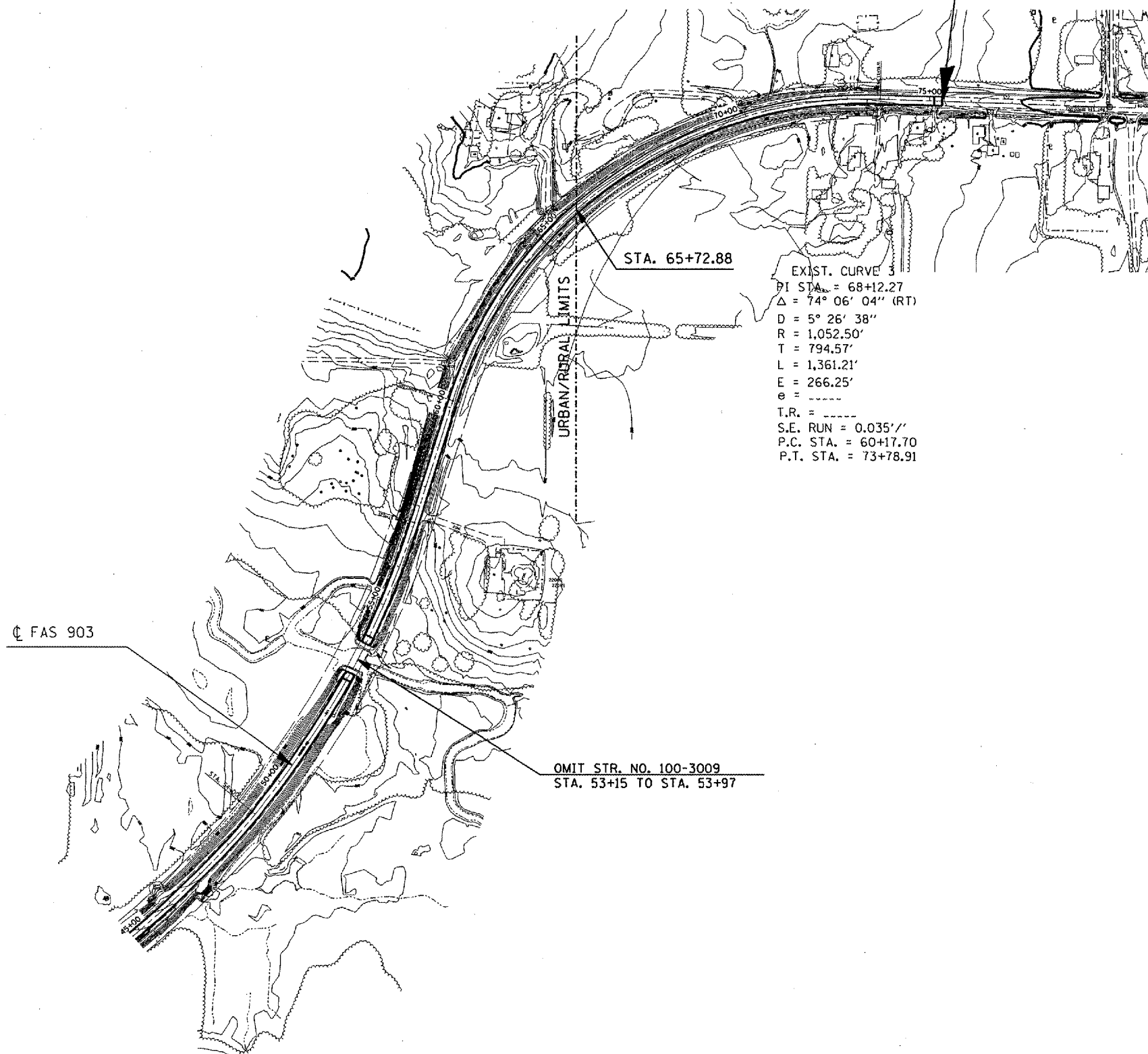
PLOT DATE = 4/29/2005
 FILE NAME = C:\p03308\p03308.dwg
 PLOT SCALE = 1/8" = 100'-0"
 USER NAME = mcburke

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	17	11
STA. _____ TO STA. _____				
FED. ROAD DIST. NO. _____ ILLINOIS			FED. AID PROJECT	

- FAS 2882 (IL 371)/FAS 903
- 09 CONT. MAINT. FY 07-5
- FRANKLIN & WILLIAMSON

LOCATION 1
FAS 903 EAST OF HERRIN
STA. 45+00 TO STA. 75+30

PROP. IMPROVEMENT ENDS
STA. 75+30 (FAS 903)
BUTT JOINT



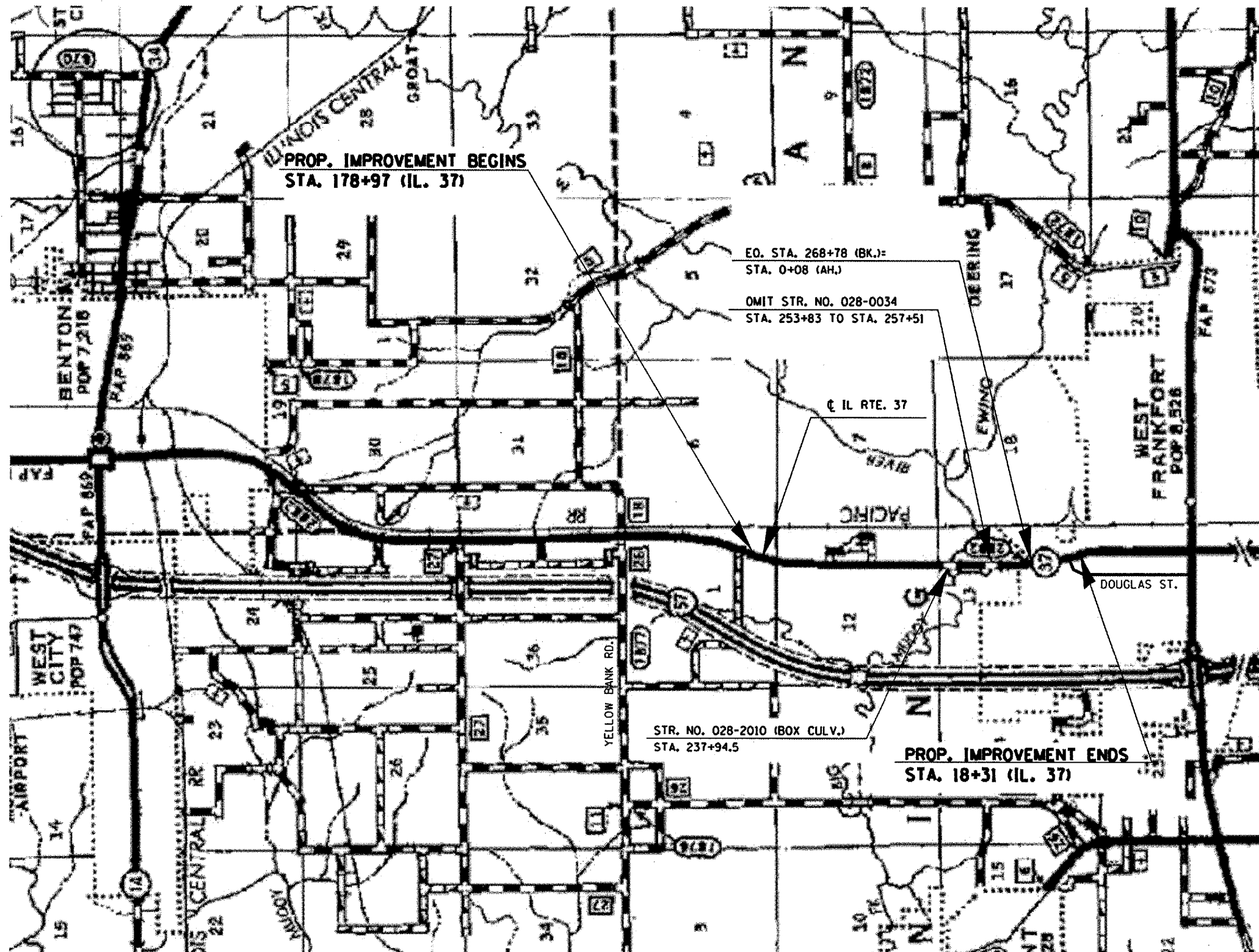
PLOT DATE : 4/28/2006
 PLOT SCALE : 1/8"=30'
 USER NAME : mccc@dr

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	17	12
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT _____		

LOCATION 2
 FAS 2882 (IL 37) NORTH OF WEST FRANKFORT
 STA. 178+97 TO STA. 18+31



- FAS 2882 (IL 37)/FAS 903
- D9 CONT. MAINT. FY 07-5
- FRANKLIN & WILLIAMSON



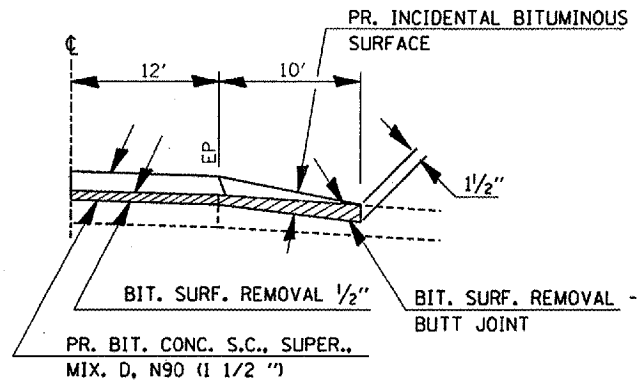
PLOT DATE : 4/28/2008
 FILE NAME : c:\proj\ascs\p03786\p03786.mxd
 PLOT SCALE : 1/8"=1'-0"
 USER NAME : msc-dk

LOCATION 2 MAP - IL 37 STA. 178+97 TO STA. 18+31

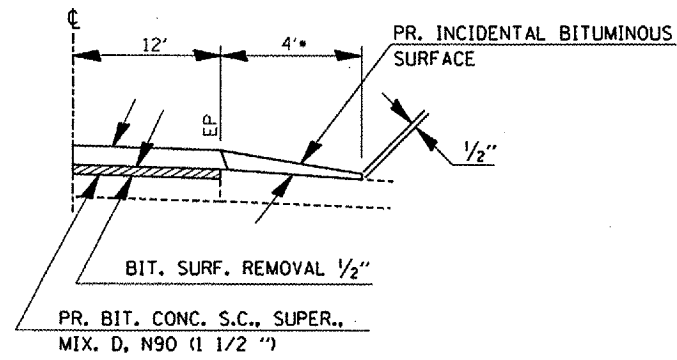
SIDEROAD AND ENTRANCE
DETAILS

PAR. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	17	13
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS	FED. AID PROJECT _____	

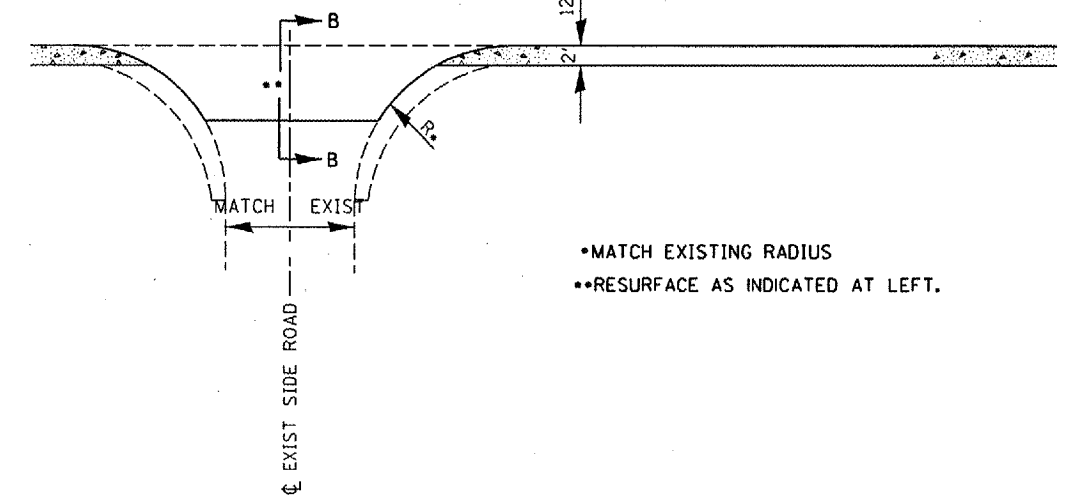
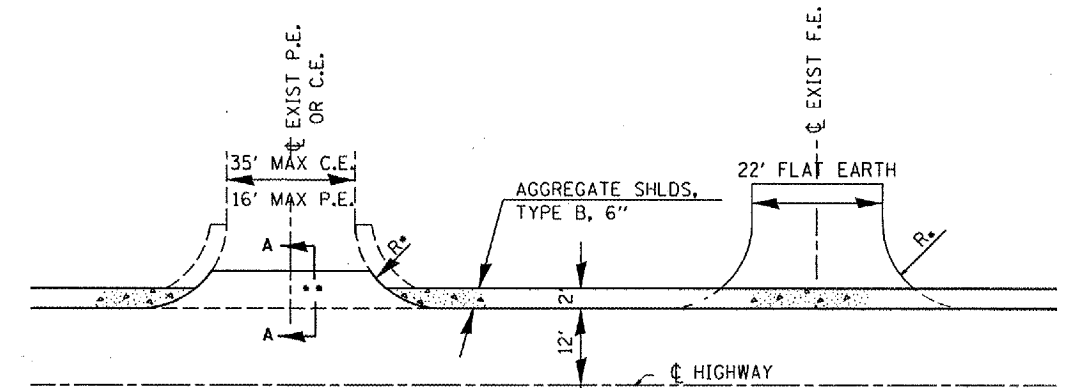
• FAS 2882 (IL 371/FAS 905)
• D9 CONT. MAINT. FY 07-5
•• FRANKLIN & WILLIAMSON



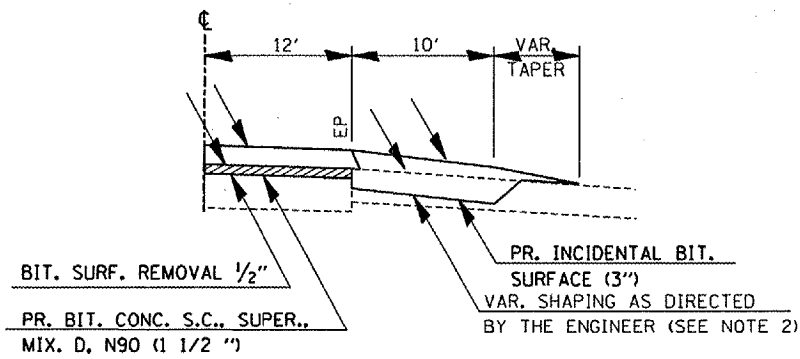
SIDE ROAD SEC. B-B
EX. BIT. OR CONC. SURFACE



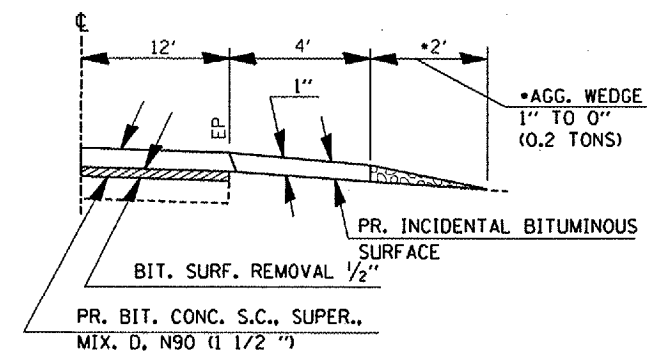
PE OR CE SEC. A-A
EX. BIT. OR CONC. SURFACE
•OR END OF BIT. APRON



•MATCH EXISTING RADIUS
••RESURFACE AS INDICATED AT LEFT.



SIDE ROAD SEC. B-B
EX. OIL & CHIP SURFACE
(SEE NOTE 1)



PE OR CE SEC. A-A
EX. AGGREGTE SURFACE

NOTES

1. IF EXISTING SUBBASE IS INADEQUATE, AS DETERMINED BY THE ENGINEER, THE SIDE ROADS SHALL BE CORED OUT AND AGGREGATE SUBBASE, TYPE B SHALL BE PLACED FOR BASE. THE COST OF CORING OUT THE SIDE ROAD AND ANY AGGREGATE BASE COURSE SHALL BE PAID FOR AS SPECIFIED IN ART. 109.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. IF EXISTING SUBBASE IS DETERMINED TO BE ADEQUATE, THE PREPARATION OF THE BASE SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 406.19.
2. VARIABLE SHAPING IS INCLUDED IN THE COST OF INCIDENTAL BITUMINOUS SURFACE.

ENTRANCE SCHEDULE

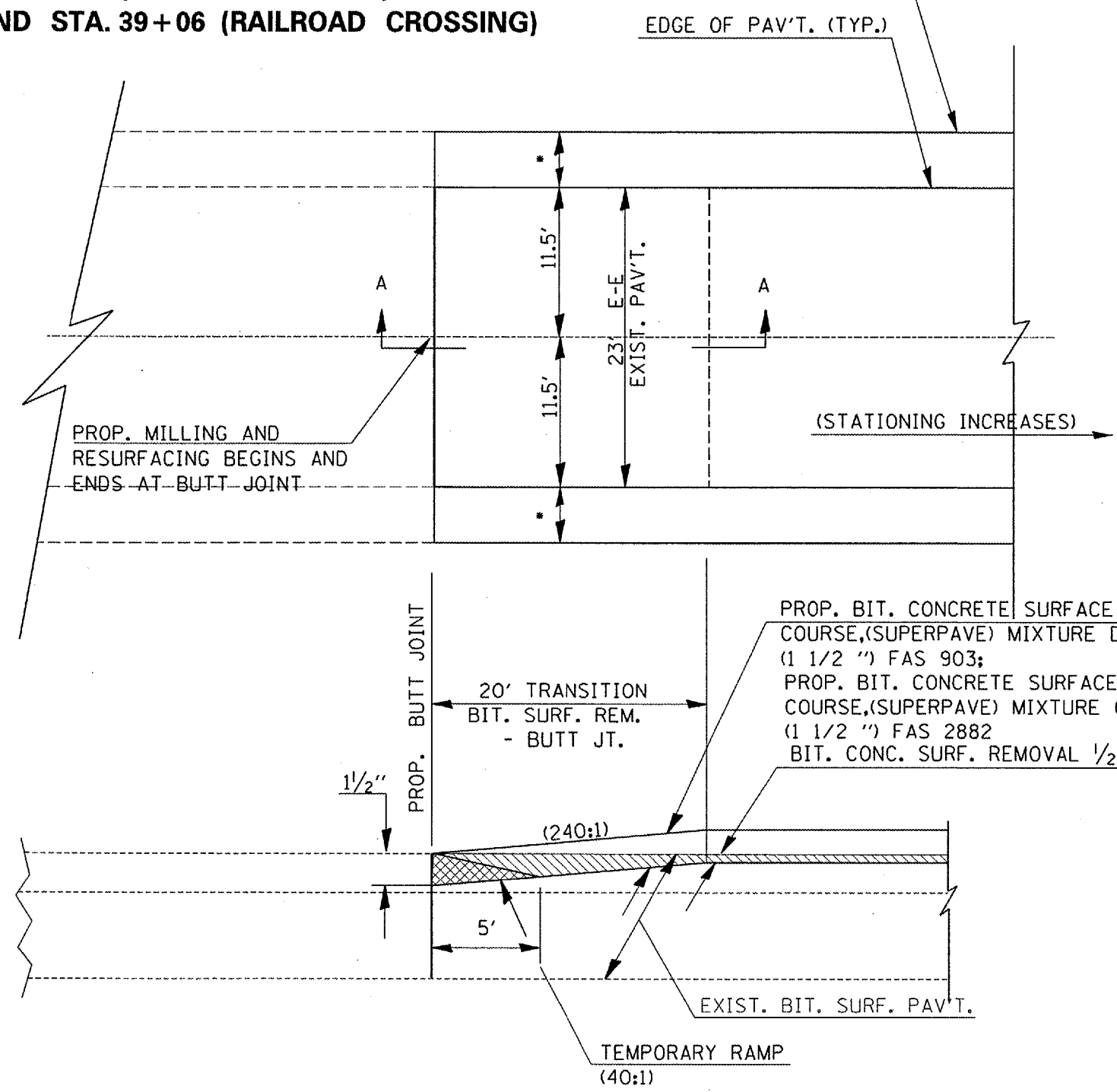
TYPE	NUMBER OF ENTRANCES
P.E.	11
C.E.	10
S.R.	4

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	17	14
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

• FAS 2882 (IL 37)/FAS 903
 •• D9 CONT. MAINT. FY 07-5
 ••• FRANKLIN & WILLIAMSON

**PROP. BUTT JOINT DETAIL
 TO BE USED:**
IL. 37 - STA. 178+97 (BEGINNING BUTT JT.)
IL. 37 - STA. 18+31 (ENDING BUTT JT.)
FAS 903 - STA. 75+30 (ENDING BUTT JT.)
FAS 903 - STA. 37+95 AND STA. 39+06 (RAILROAD CROSSING)

* EDGE OF 2' AGG. SHOULDER, TY. B
 WEDGE (TYP.) AT FAS 2882;
 EDGE OF 4' BIT. SHOULDER AT FAS 903



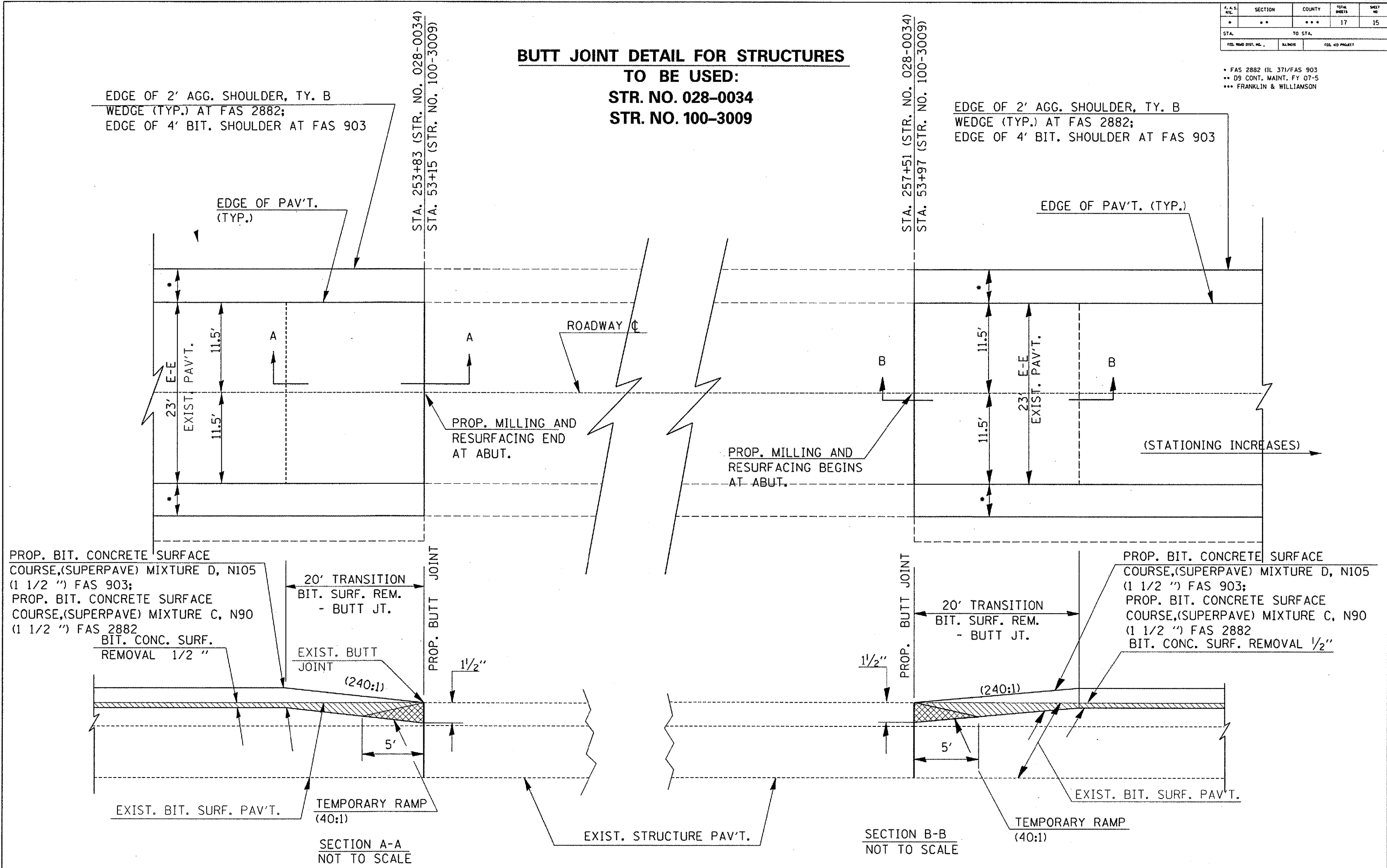
SECTION A-A
 NOT TO SCALE

PLOT DATE = 4/25/2006
 FILE NAME = c:\p1\98979\98979.dwg
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = mcdonald

F.A.S. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	17	15
STA.		TO STA.		
FED. ROAD DIST. NO.	BLDG.	FED. RD PROJECT		

- * FAS 2882 (IL 371/FAS 903
- ** DB CONT. MAINT. FY 07-5
- *** FRANKLIN & WILLIAMSON

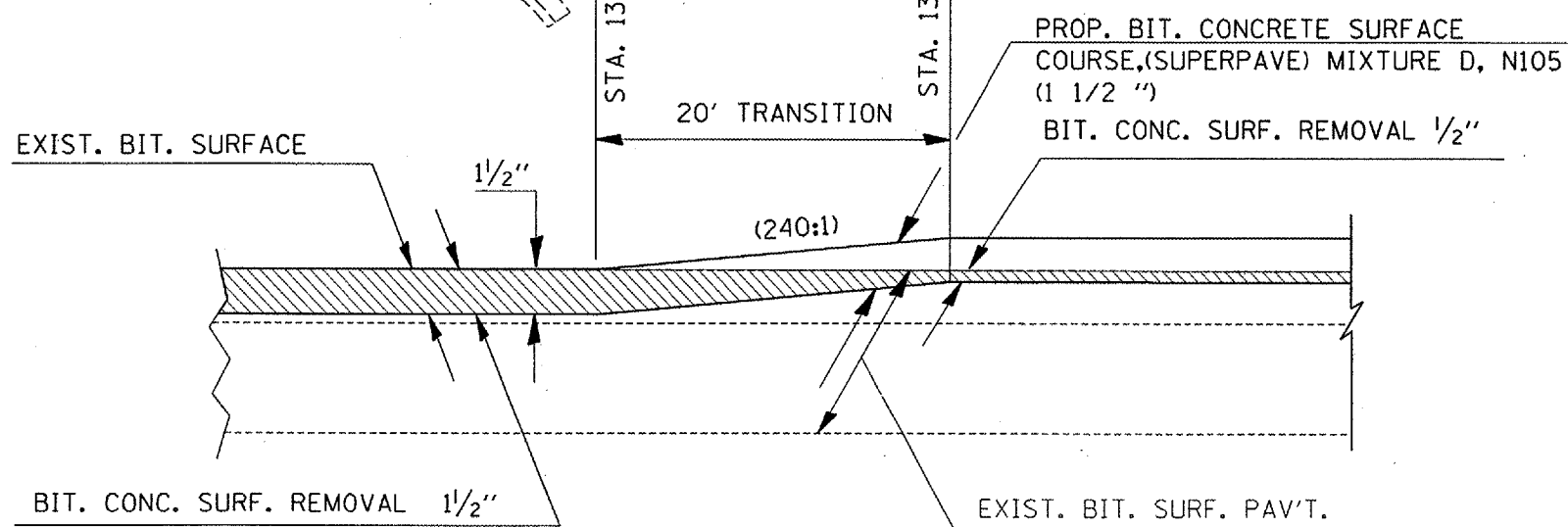
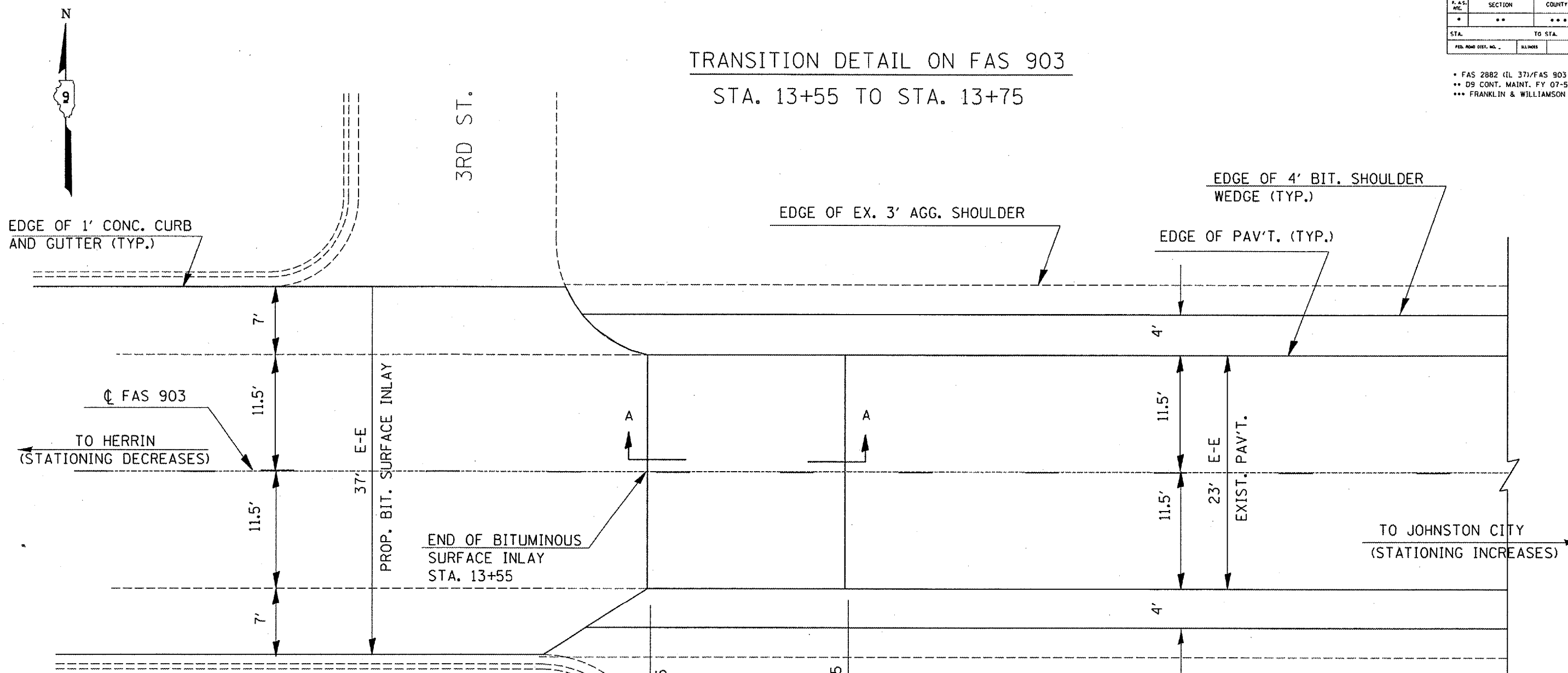
**BUTT JOINT DETAIL FOR STRUCTURES
TO BE USED:
STR. NO. 028-0034
STR. NO. 100-3009**



F.A.S. MILE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	17	16
STA.		TO STA.		
FED. AID DIST. NO.		ILLINOIS	FED. AID PROJECT	

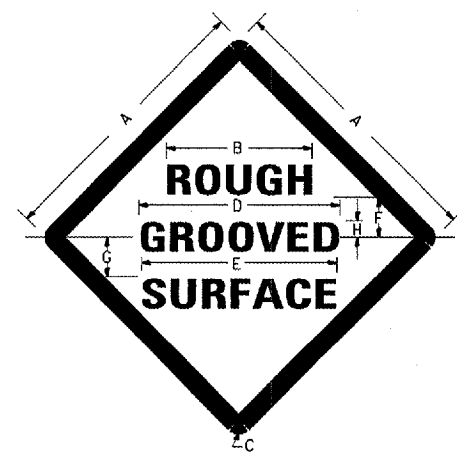
* FAS 2882 (IL 37)/FAS 903
 ** D9 CONT. MAINT. FY 07-5
 *** FRANKLIN & WILLIAMSON

TRANSITION DETAIL ON FAS 903
 STA. 13+55 TO STA. 13+75



FAS. SEC.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	17	17
STA.		TO STA.		
FED. ROAD DIST. NO.	BLANKS	FED. AID PROJECT		

- * FAS 2882 (IL 371)/FAS 903
- ** D9 CONT. MAINT. FY 07-5
- *** FRANKLIN & WILLIAMSON



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			MARGIN	BOR DER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

NOTES:

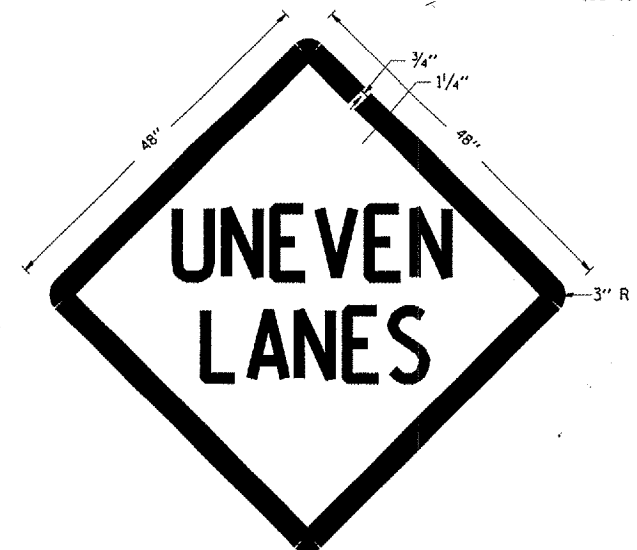
PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED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

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.

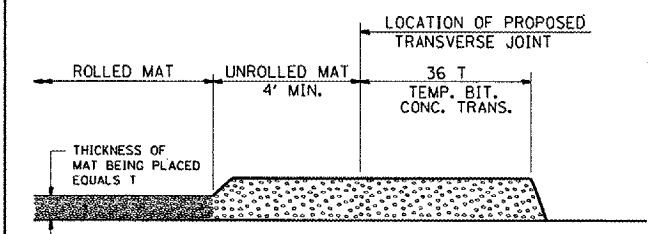
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

DRAWN	2-15-89
REVISED	4-6-93
REVISED	7-23-94
REVISED	

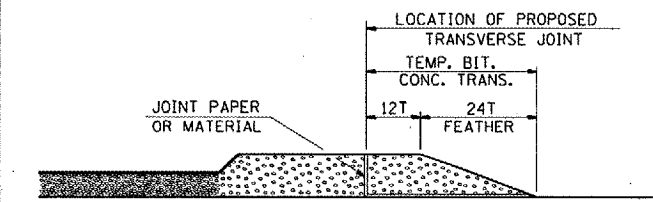
STD. 9-41

TEMPORARY BITUMINOUS CONCRETE TRANSITIONS



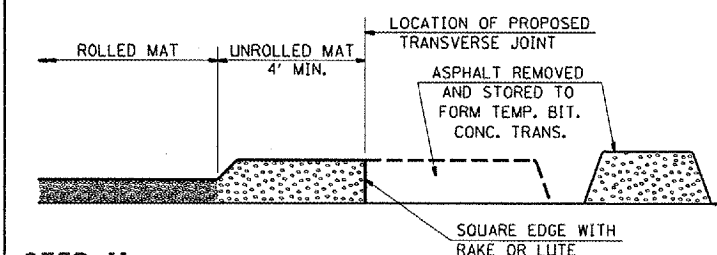
STEP I

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.



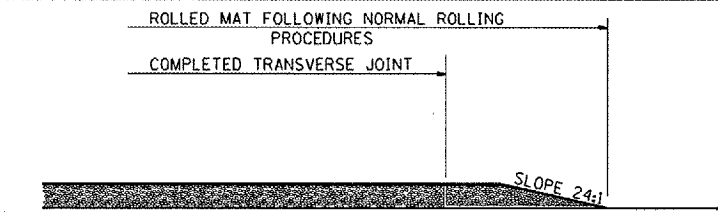
STEP III

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.

REVISIONS	
REORAWN	2-15-89
REVISED	8-16-94
REVISED	

STD. 9-26

DETAILS - ROUGH GROOVED SURFACE SIGN; UNEVEN LANE SIGN; TEMP. BITUMINOUS CONC. TRANSITION