

SENIOR SQUAD LEADER: BRAD HEIMSNESS
PHONE: (217) 782-4760

PROJECT ENGINEER: JOHN NEGANGARD, P.E.
PHONE: (217) 782-6990

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES & HIGHWAY STANDARDS
- 3 SUMMARY OF QUANTITIES
- 4-6 SCHEDULE OF QUANTITIES
- 7-11 TYPICAL SECTIONS
- 12-13 HORIZONTAL ALIGNMENT
- 14 CONTROL TIES
- 15-25 PLAN SHEETS
- 26-28 ROADWAY DETAILS

AADT PART "A" = 4650 (2005)
MU = 225
SU = 200
AADT PART "B" = 4450 (2002)

BEGIN OMISSION
STA. 308 + 70.82

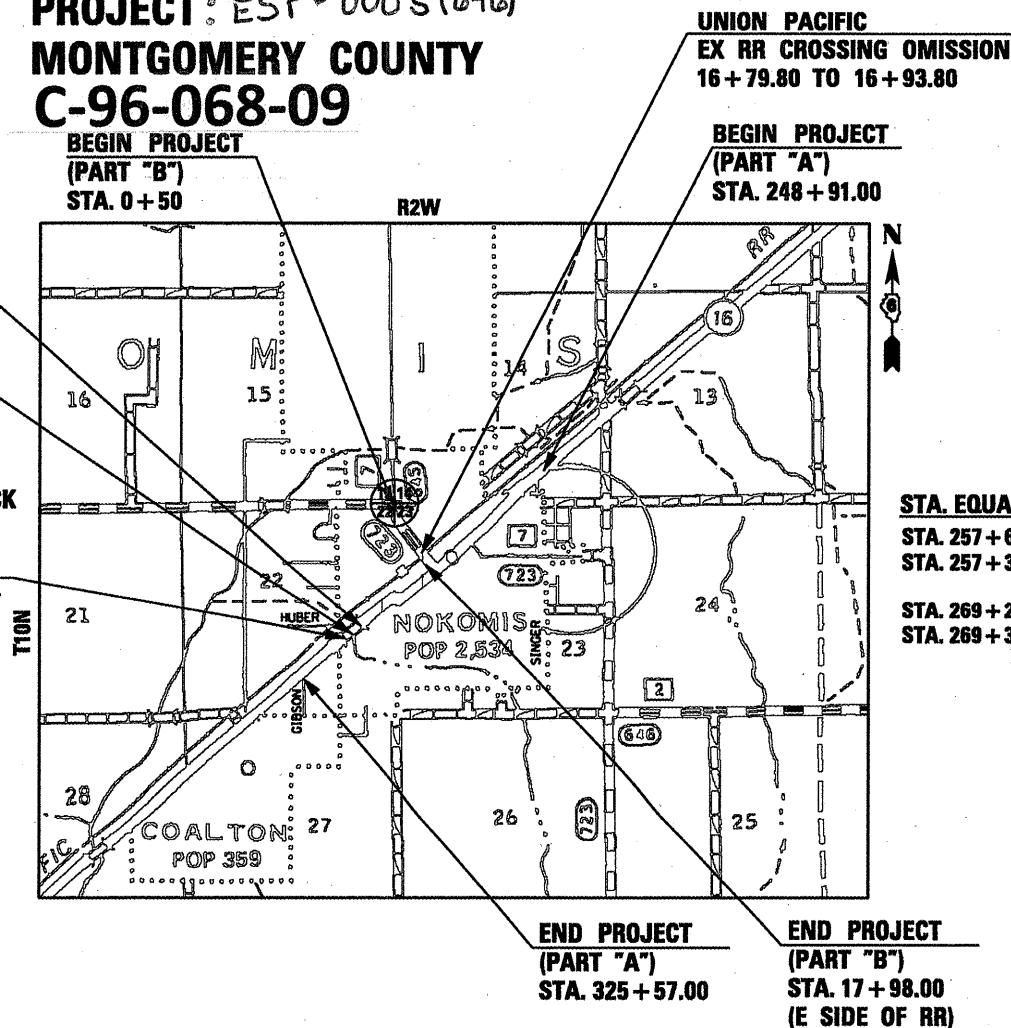
STA. 309 + 27.15
SN 068-0502
3-SPAN CONC.
SLAB BRIDGE
34'-9" OUT TO OUT
53'-3" BACK TO BACK
10' LT. FWD. SKEW

END OMISSION
STA. 309 + 83.44

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

**FAP ROUTE 325 (IL RTE 16) PART "A" &
FAS RTE 723 (NOKOMIS BLACKTOP) PART "B"**
SECTION 18(RS-4); 19(RS-7); 20Z(RS-5)
PROJECT: ESP-000S(646)
MONTGOMERY COUNTY
C-96-068-09



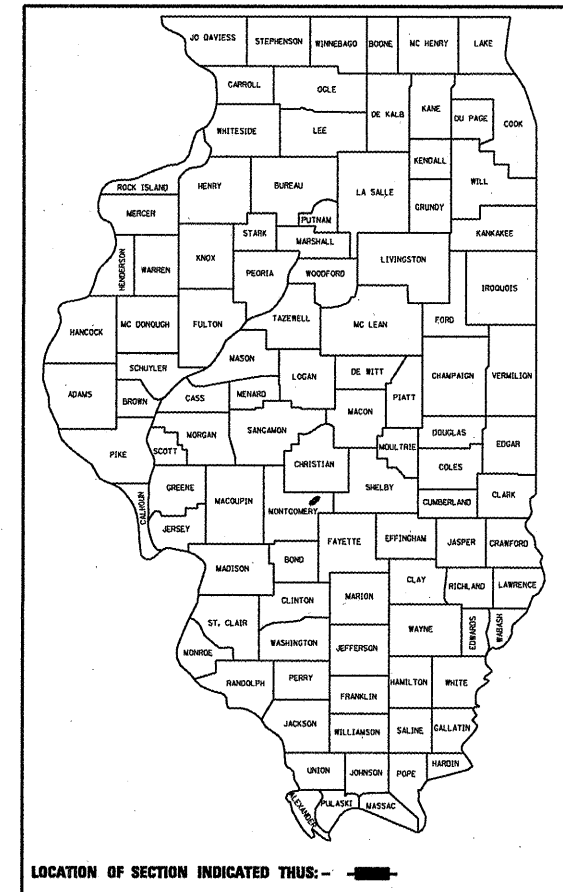
GROSS LENGTH OF PROJECT (PART "A") = 7750.46 FT. = 1.47 MILES
NET LENGTH OF PROJECT (PART "A") = 7637.84 FT. = 1.45 MILES

GROSS LENGTH OF PROJECT (PART "B") = 1748.0 FT. = 0.331 MILES
NET LENGTH OF PROJECT (PART "B") = 1734.0 FT. = 0.328 MILES

TOTAL GROSS LENGTH OF PROJECT = 9498.46 FT. = 1.799 MILES
TOTAL NET LENGTH OF PROJECT = 9428.17 FT. = 1.786 MILES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325		MONTGOMERY	28	1

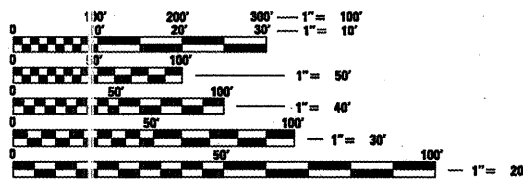
D-96-527-03



LOCATION OF SECTION INDICATED THIS: -

STA. EQUATIONS:
STA. 257 + 69.04 BK =
STA. 257 + 37.28 AH

STA. 269 + 20.33 BK =
STA. 269 + 37.63 AH



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
1-800-891-0123

CONTRACT NO. 72795

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED January 23, 2009
Rose Z Dunkel
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 13, 2009
Charles J. Ingersoll
ENGINEER OF DESIGN AND ENVIRONMENT

March 13, 2009
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	*	MONTGOMERY	28	2
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* 18(RS-4); 19(RS-7); 20(RS-5)				
CONTRACT NO. 72795				

GENERAL NOTES

- WHERE SECTION OR SUB-SECTION MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED AGENT OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.26 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 800-892-0123.

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES, AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE, BUT ARE NOT GUARANTEED. ALL UTILITY LOCATIONS SHOWN ARE SUPPLIED BY THE UTILITY COMPANIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.
- ADJUSTMENT OF WATER METERS, TELEPHONE, GAS, ELECTRICAL, AND CABLE T.V. FACILITIES SHALL BE DONE BY THE RESPECTIVE OWNERS. RELOCATION OF ALL UTILITIES SHALL ALSO BE DONE BY THE RESPECTIVE OWNERS.
- ALL STATION REFERENCES ARE TO THE ROADWAY CENTERLINE. THE COORDINATE SYSTEM USED FOR THE HORIZONTAL CONTROL IS LOCAL DATUM FOR THIS PROJECT.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- THE THICKNESS OF BITUMINOUS MIXTURES 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 AND IS TO BE INCLUDED IN THE BITUMINOUS SURFACES.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

BITUMINOUS CONCRETE SURF CSE	0.056	T/SY•IN
LEVEL BINDER (MACHINE METHOD)	0.056	T/SY•IN
AGGREGATE SHOULDER	2.05	T/CU YD
BITUMINOUS MATERIAL (PRIME COAT)- ON PAVEMENT	0.00038	TN/50 YD
AGGREGATE (PRIME COAT)	0.002	POUNDS/50 YD

- ALL ENTRANCES SHALL REMAIN ACCESSIBLE BOTH DURING AND AFTER CONSTRUCTION.
- NO LANE CLOSURE WILL BE ALLOWED WITHOUT FLAGGER PROTECTION.
- ALL NO-PASSING ZONE PAVEMENT MARKING LOCATIONS SHALL BE FIELD VERIFIED BY RESIDENT ENGINEER PRIOR TO THEIR PLACEMENT. CONTACT DISTRICT SIX BUREAU OF OPERATIONS.
- ALL REFERENCES IN THE PLANS TO "BITUMINOUS" SHALL BE INTERPRETED TO MEAN "HOT-MIX ASPHALT".
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE TRAFFIC CONTROL DEVICES AT ALL TIMES DURING CONSTRUCTION ACTIVITIES AND SHALL COORDINATE THE ITEMS OF WORK IN ORDER TO KEEP HAZARD TRAFFIC INCONVENIENCES TO A MINIMUM.

COMMITMENTS

- THE FIELD/RESIDENT ENGINEER SHALL CONTACT STUDIES AND PLANS CONCERNING ANY MAJOR PLAN CHANGES TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN AND ALLOW AN IMPROVED DESIGN FOR FUTURE PROJECTS.
- AGREEMENT WITH THE CITY OF NOKOMIS (PARKING LANE PARTICIPATION)

EXAMINED OCT 24 20 07
W.R.J.
PROGRAM DEVELOPMENT ENGINEER

EXAMINED OCT 28 20 07
Shawn J. Brown
OPERATIONS ENGINEER

HIGHWAY STANDARDS

000001-05	701306-01
442201-03	701311-02
482006-03	701326-02
482011-03	701501-04
606001-03	701502-02
701001-01	701901
701006-02	780001-01
701011-01	781001-02
701201-02	
701301-02	

- MIXTURE REQUIREMENTS
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:
LOCATION(S):

MIXTURE USE(S):	LEVELING BINDER	HMA SURFACE COURSE	INCIDENTAL HMA SURFACING	HMA SHOULDERS
AC/PG:	PG64-22	PG64-22	PG64-22	PG58-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN 70	4.0% @ N DESIGN 70	4.0% @ N DESIGN 50	2.0% @ N DESIGN 30
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5	IL 9.5 OR 12.5	IL 9.5 OR 12.5	BAM
FRICTION AGGREGATE:	N/A	MIX D	MIX C	N/A

EXAMINED Nov 29 20 07
W.R.J.
PROGRAM IMPLEMENTATION ENGINEER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND HIGHWAY STANDARDS

DATE 1/2004

DRAWN BY MLO
CHECKED BY SJK

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
723	*	MONTGOMERY	28	3
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* 18(RS-4); 19(RS-7); 20(RS-5)				
CONTRACT 72795				

PAY CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ESP 100% FED 1000 PART "A"	ESP 100% FED PARKING LANES 1000 PART "A"	ESP 100% FED 1000 PART "B"	ESP 100% FED PARKING LANES 1000 PART "A"
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	8.7	8.7			
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	28.0	19.5	1.7	4.8	2.0
40600300	AGGREGATE (PRIME COAT)	TON	74.0	51.2	4.5	12.8	5.5
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	1,374.2	956.1	94.4	209.2	114.5
40600895	CONSTRUCTING TEST STRIP	EACH	1.0	1.0			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	4,582.0	2,968.2		1,613.8	
40600990	TEMPORARY RAMP	SQ YD	1,183.3	761.5		421.8	
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	2,748.4	1,912.1	188.9	418.3	229.1
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	360.2	239.6		120.6	
44000158	HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4 INCH	SQ YD	32,426.0	22,648.5	2,248.4	4,802.0	2,727.1
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	260.0	150.0		110.0	
44004250	PAVED SHOULDER REMOVAL	SQ YD	50.0	50.0			
44200144	PAVEMENT PATCHING TY II, 12 INCH	SQ YD	180.0	150.0		30.0	
44200148	PAVEMENT PATCHING TY III, 12 INCH	SQ YD	50.0	50.0			
44200150	PAVEMENT PATCHING TY IV, 12 INCH	SQ YD	250.0	250.0			
48101200	AGGREGATE SHOULDERS, TYPE B	TON	172.3	172.3			
48203029	HOT-MIX ASPHALT SHOULDERS 8"	SQ YD	323.3	323.3			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8.0	6.0		2.0	
67100100	MOBILIZATION	L SUM	1.0	1.0			
70100450	TRAFFIC CONTROL & PROTECTION STD 701201	L SUM	1.0	1.0			
70100460	TRAFFIC CONTROL & PROTECTION STD 701306	L SUM	1.0	0.5		0.5	
70100500	TRAFFIC CONTROL & PROTECTION STD 701326	L SUM	1.0	1.0			
70102620	TRAFFIC CONTROL & PROTECTION STD 701501	L SUM	1.0	0.5		0.5	
70102622	TRAFFIC CONTROL & PROTECTION STD 701502	L SUM	1.0	0.5		0.5	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	7.0	5.0		2.0	

PAY CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ESP 100% FED 1000 PART "A"	ESP 100% FED PARKING LANES 1000 PART "A"	ESP 100% FED 1000 PART "B"	ESP 100% FED PARKING LANES 1000 PART "A"
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	3,272.0	2,750.0			522.0
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	342.0	219.0			123.0
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	19,840.0	18,900.0			940.0
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	70.0	70.0			
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	194.0	48.0			146.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	363.5	305.5			58.0
78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	19,850.0	18,200.0			1,650.0
78003100	PREFORMED PLASTIC PAVEMENT MARKING, TY B - LETTERS AND SYMBOLS	SQ FT	351.0	228.0			123.0
78003130	PREFORMED PLASTIC PAVEMENT MARKING, TY B - LINE 6"	FOOT	3,168.0	1,230.0	938.0	200.0	800.0
78003150	PREFORMED PLASTIC PAVEMENT MARKING, TY B - LINE 12"	FOOT	600.0	75.0	325.0		200.0
78003180	PREFORMED PLASTIC PAVEMENT MARKING, TY B - LINE 24"	FOOT	194.0	48.0			146.0
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	166.0	166.0			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	166.0	166.0			
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0				1.0

SPECIALTY ITEMS

PLOT DATE = Jan-26-2009 8:53:47PM
 FILE NAME = c:\pwork\pwork\LAUREL\m24266\72795-shv-50a-ent-500.dgn
 USER NAME = laughlinc1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT. DATE
HORIZ. DATE

DRAWN BY
CHECKED BY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
723	•	MONTGOMERY	28	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• 18(RS-4); 19(RS-7); 20(RS-5) CONTRACT 72795				

HMA PAVING SCHEDULE PART "A"									
STATION BEGIN		STATION END	DISTANCE (FT)	AREA (SQ YD)	LEVELING BINDER N70	HMA SURFACE COURSE N70	BIT. PRIME COAT	AGG/ PRIME COAT	HMA SURFACE REMOVAL 2.25"
248+91	TO	270+31	2,140.00	5889.6	247.4	494.7	2.2	11.8	5,860.7
270+31	TO	295+57	2,526.00	11231.2	471.7	943.4	4.3	22.5	11,231.2
295+57	TO	308+71	1,314.00	3602.2	151.3	302.6	1.4	7.2	3,573.3
309+83	TO	325+57	1,574.00	4289.4	180.2	360.3	1.6	8.6	4,231.7
TOTAL =				25,012.4	1,050.5	2,101.0	9.5	50.0	24,896.9

AGGREGATE SHOULDER SCHEDULE						
STATION BEGIN		STATION END	LT/RT	DISTANCE (FT)	WIDTH (FT)	AGG SHOULDER TY B (TONS)
248+91	TO	270+84	RT	2,193.00	3	41.5
248+91	TO	270+30	LT	2,139.00	3	40.4
289+67	TO	292+75	RT	308.00	3	5.8
297+20	TO	306+73	RT	953.00	3	18.0
298+70	TO	306+73	LT	803.00	3	15.2
311+98	TO	325+57	RT	1,359.00	3	25.7
311+98	TO	325+57	LT	1,359.00	3	25.7
TOTAL						172.3

HMA SHOULDER SCHEDULE							
STATION BEGIN		STATION END	LT/RT	DISTANCE (FT)	WIDTH (FT)	HMA SHOULDER 8" (SQ YD)	EXC. & GRADING SHLD (UNITS)
270+84	TO	273+84	RT	300.00	4	133.3	3.0
293+15.56	TO	295+72.11	RT	256.55	3	85.5	2.6
295+57.23	TO	298+70.62	LT	313.39	3	104.5	3.1
TOTAL						323.3	8.7

PLOT DATE = Jan-22-2009 02:14:03PM
 FILE NAME = c:\pwworkspace\PROJECTS\72795\Shld-Sch.dwg
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = loganlup

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	FAP ROUTE325 SCHEDULES (PART "A")	
		SCALE: VERT. HORIZ.	DRAWN BY
		DATE	CHECKED BY

CONTRACT NO. 72795

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
723	*	MONTGOMERY	28	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• 18(RS-4); 19(RS-7); 20(RS-5)				
CONTRACT 72795				

SIDEROAD SCHEDULE PART "A"

LOCATION	TYPE OF ENTRANCE	MATERIAL TYPE	WIDTH	LENGTH (FROM EDGE OF PVT/ BIT SHLD TO LIMITS OF IMPROVEMENT)	PR BIT. CONC. AVERAGE THICKNESS	HMA SURF. REM. - BUTT JOINT	TEMPORARY ROMPS	BIT (P. C.)	AGG (P. C.)	INCIDENTAL HMA SURF.
(LT / RT) (STA) (+	(FE / PE / CE / MB) (RURAL / URBAN)	(EX / PR)	FOOT	FOOT	INCH	SQ. YD.	SQ. YD.	TON	TON	TON
LT 252+24.06	SR (BLUE)	O&C	52	12	1.5	83.3	28.9	0.03	0.17	7.0
LT 270+73.52	SR (ELM)	O&C	44	20	1.5	288.7	24.4	0.11	0.58	24.3
LT 274+42.97	SR (OAK)	O&C	33	10	1.5	149.2	18.3	0.06	0.30	12.5
RT 274+42.97	SR (OAK)	O&C	48	10	1.5	165.6	27.8	0.06	0.33	13.9
LT 278+14.82	SR (MAPLE)	BRICK	45	10	1.5	153.4	25.0	0.06	0.31	12.9
RT 278+14.82	SR (MAPLE)	BRICK	27	10	1.5	139.6	15.0	0.05	0.28	11.7
LT 281+92.01	SR (SPRUCE)	CONC	40	10	1.5	128.2	21.1	0.05	0.26	10.8
RT 281+92.01	SR (SPRUCE)	CONC	40	10	1.5	71.1	22.2	0.03	0.14	6.0
LT 285+57.35	SR (PINE)	BRICK	39	14	1.5	142.0	22.2	0.05	0.28	11.9
RT 285+57.35	SR (PINE)	BRICK	39	12.4	1.5	140.8	206.0	0.05	0.28	11.8
LT 289+30.98	SR (CEDAR)	BIT	39	27.5	1.5	179.2	21.7	0.07	0.36	15.1
RT 289+30.98	SR (CEDAR)	BIT	40	22	1.5	161.9	22.2	0.06	0.32	13.6
LT 293+06.66	SR (VINE)	O&C	41	10	1.5	53.3	23.3	0.02	0.11	4.5
LT 293+73.03	SR (STATE)	O&C	30	85	1.5	433.6	12.8	0.16	0.87	36.4
LT 300+30.98	SR (HICKORY)	O&C	27	18.5	1.5	74.5	15	0.03	0.15	6.3
LT 303+38.80	SR (MORGAN)	O&C	29	24	1.5	96.0	16.1	0.04	0.19	8.1
LT 308+06.84	SR (KINNEY)	BIT	28	10	1.5	39.5	15.6	0.02	0.08	3.3
RT 310+67.72	SR (HUBER)	BIT	27	10	1.5	94.2	15.6	0.04	0.19	7.9
LT 313+48.14	SR (BRANDON)	BIT	22	17	1.5	71.5	12.8	0.03	0.14	6.0
LT 324+58.79	SR (GIBSON)	BIT	92	17	1.5	187.0	51.1	0.07	0.37	15.7
248+97-249+01						28.9	36.1			
308+61-308+71						28.9	36.1			
309+83-309+93						28.9	36.1			
325+47-325+57						28.9	36.1			
TOTAL =						2,968.2	761.5	1.1	5.7	239.6

PLOT DATE = Jan-22-2009 02:14:45PM
 FILE NAME = c:\p...ecak\p\1001\LAUGH\INRL\ms24566\72795-shv-shl-shl-shl-500.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = laughtlbr1

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		FAP ROUTE325 SCHEDULES (PART "A")
SCALE: VERT. DATE		DRAWN BY CHECKED BY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
723	*	MONTGOMERY	28	6

STA.	TO STA.

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

* 18(RS-4); 19(RS-7); 20Z(RS-5)
CONTRACT 72795

HMA PAVING SCHEDULE PART "B"									
STATION BEGIN		STATION END	DISTANCE (FT)	AREA (SQ YD)	LEVELING BINDER N70	HMA SURFACE COURSE N70	BIT. PRIME COAT	AGG/ PRIME COAT	HMA SURFACE REMOVAL 2.25"
0+50	TO	16+80	1,630.00	7244.4	304.3	608.5	2.8	14.5	7,155.6
16+94	TO	17+98	104.00	462.2	19.4	38.8	0.2	0.9	373.4
TOTAL =				7,706.7	323.7	647.4	2.9	15.4	7,529.1

SIDEROAD SCHEDULE PART "B"											
LOCATION	TYPE OF ENTRANCE	MATERIAL TYPE	WIDTH	LENGTH (FROM EDGE OF PVT/ BIT SHLD TO LIMITS OF IMPROVEMENT)	PR BIT. CONC. AVERAGE THICKNESS	HMA SURF. REM. - BUTT JOINT	TEMPORARY RQMPs	BIT (P. C.)	AGG (P. C.)	INCIDENTAL HMA SURF.	
(LT / RT) (STA) (+	(FE / PE / CE / MB) (RURAL / URBAN)	(EX / PR)	FOOT	FOOT	INCH	SQ. YD.	SQ. YD.	TON	TON	TON	
0+50 TO 0+80	SPRUCE ST	BIT	40	30	2.25	44.4	55.5				
RT STA. 0+99.92	S. R. MADISON ST	BIT	40	30	1.5	110.6	22.2	0.04	0.22	9.3	
LT STA. 4+38.12	S. R. HAMILTON ST.	BIT	40+	30+	1.5	402.5	22.2	0.15	0.81	33.8	
RT STA. 4+38.12	S. R. HAMILTON ST.	BIT	40+	30+	1.5	202.5	22.2	0.08	0.41	17.0	
LT STA. 8+24.33	S. R. WARREN ST.	BIT	40+	25	1.5	139.4	22.2	0.05	0.28	11.7	
RT STA. 8+24.34	S. R. WARREN ST.	BIT	40+	25	1.5	147.8	22.2	0.06	0.30	12.4	
LT STA. 12+06.32	S. R. FRANKLIN ST.	BIT	40+	23	1.5	115.9	22.2	0.04	0.23	9.7	
RT STA. 12+06.33	S. R. FRANKLIN ST.	BIT	40+	23	1.5	97.8	22.2	0.04	0.20	8.2	
LT STA. 16+05.61	S. R. FRONT ST.	BIT	40+	15	1.5	67.6	22.2	0.03	0.14	5.7	
RT STA. 16+05.62	S. R. FRONT ST.	BIT	40+	22	1.5	152.1	22.2	0.06	0.30	12.8	
16+49.8 TO 16+79.8	SPRUCE ST	BIT	40	30	2.25	44.4	55.5				
16+93.8 TO 17+23.8	SPRUCE ST	BIT	40	30	2.25	44.4	55.5				
17+68 TO 17+98	SPRUCE ST	BIT	40	30	2.25	44.4	55.5				
TOTAL =						1,613.8	421.8	0.5	2.9	120.6	

PLOT DATE = Jan-22-2009 08:43:44PM
 FILE NAME = c:\pawork\paw\72795\72795-Sht-Bch-whr-500.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = laughlinr-1

REVISIONS	
NAME	DATE

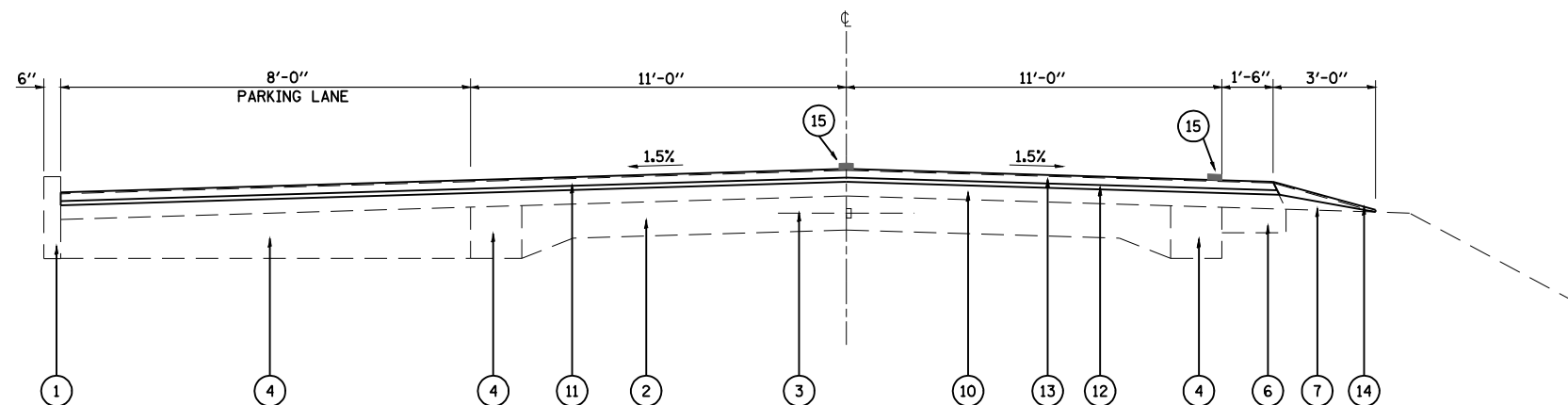
ILLINOIS DEPARTMENT OF TRANSPORTATION

FAS ROUTE 723
 SCHEDULES
 (PART "B")

SCALE: VERT.
 HORIZ.
 DATE

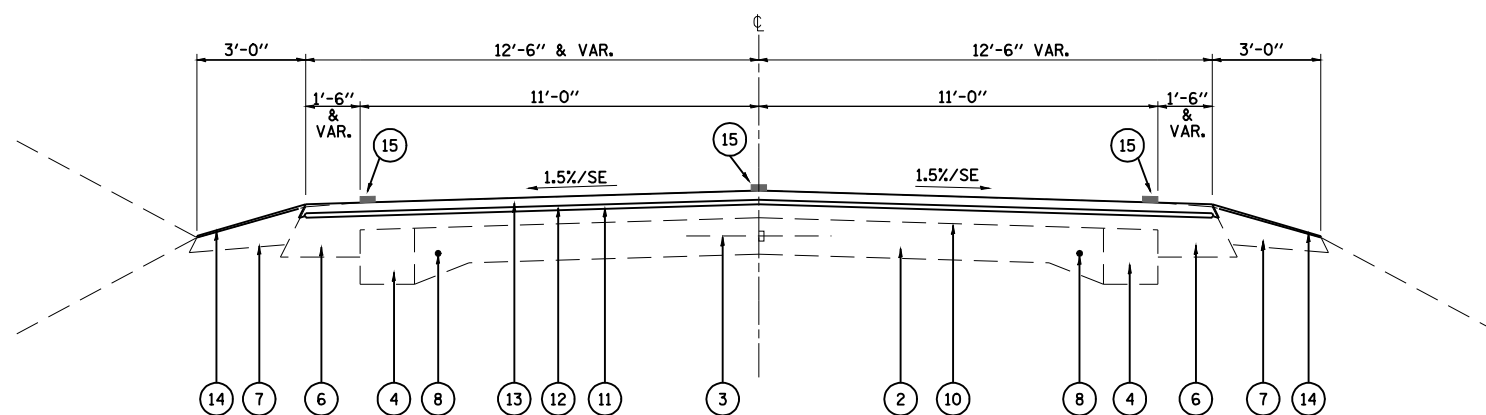
DRAWN BY
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	*	MONTGOMERY	28	7
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 18(RS-4); 19(RS-7); 20Z(RS-5)				
CONTRACT NO. 72795				



TYPICAL SECTION ②

STATION 270+30.00 TO STATION 270+84.00
 STATION 273+84.00 TO STATION 274+59.00



TYPICAL SECTION ①

STATION 248+21.00 TO STATION 270+30.00
 STATION 289+67.5 TO STATION 293+15.56
 STATION 311+97.65 TO STATION 325+57.00

LEGEND

- 1 EXISTING CURB
- 2 EXISTING 9-6-9 P.C.C. PAYMENT
- 3 EXISTING LONGITUDINAL METAL JOINT W/ 1/2" DEFORMED BAR
- 4 EXISTING WIDENING
- 5 EXISTING P.C.C. WIDENING
- 6 EXISTING BINDER SHOULDERS
- 7 EXISTING AGGREGATE SHOULDERS
- 8 EXISTING 3/4" SMOOTH BAR
- 9 EXISTING BRICK PAVEMENT & SUBBASE
- 10 EXISTING HMA OVERLAY
- 11 PROPOSED HMA SURFACE REMOVAL 2 1/4"
- 12 PROPOSED LEVELING BINDER (MACHINE METHOD) SUPERPAVE, N70, 3/4"
- 13 PROPOSED HMA CONCRETE SURFACE COURSE, MIX D, N70, 1 1/2"
- 14 PROPOSED AGGREGATE SHOULDER, TYPE B
- 15 PROPOSED PAVEMENT MARKING
- 16 EXISTING GUARDRAIL
- 17 EXISTING HMA CONCRETE BASE COURSE WIDENING, 9"
- 18 PROPOSED HMA SHOULDERS, SUPERPAVE, 8"
- 19 PROPOSED PAVED SHOULDER REMOVAL
- 20 PROPOSED EXCAVATING & GRADING EXISTING SHOULDER (INCLUDES SAWCUTS)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

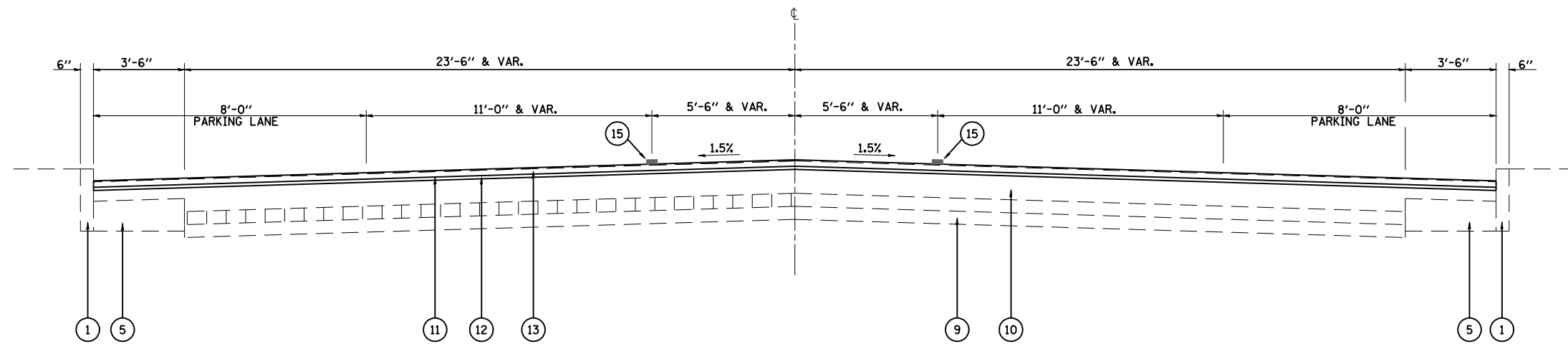
TYPICALS SECTIONS (PART "A")

SCALE: VERT. 1" = 2.5'
 HORIZ. 1" = 5.0'

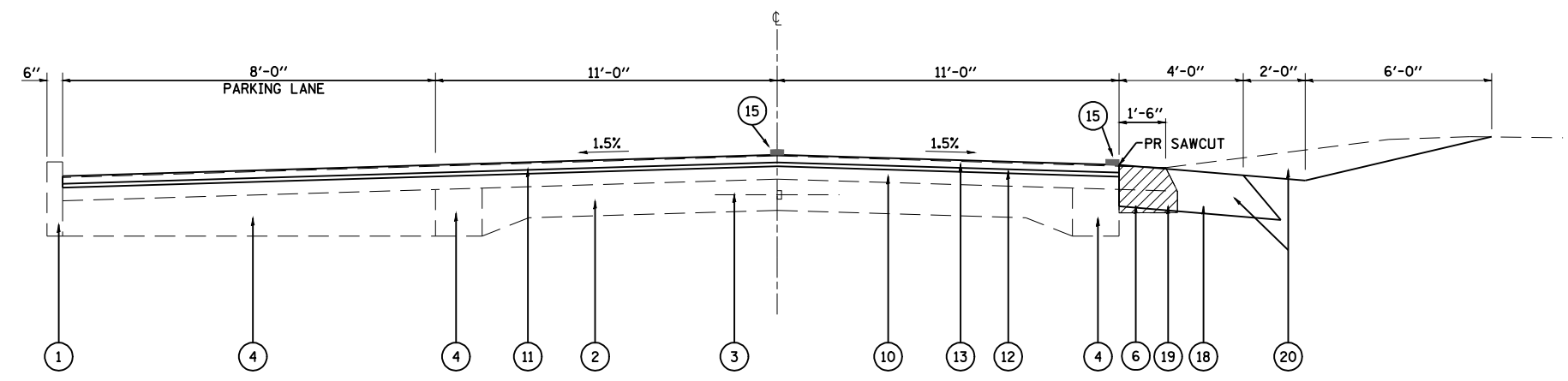
DRAWN BY LCH
 CHECKED BY SJK

DATE 3/3/2004

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	*	MONTGOMERY	28	8
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 18(RS-4); 19(RS-7); 20Z(RS-5)				
CONTRACT NO. 72795				



TYPICAL SECTION ④
STATION 274+59.00 TO STATION 289+67.75



TYPICAL SECTION ③
STATION 270+84.00 TO STATION 273+84.00

LEGEND

- 1 EXISTING CURB
- 2 EXISTING 9-6-9 P.C.C. PAVEMENT
- 3 EXISTING LONGITUDINAL METAL JOINT W/ 1/2" DEFORMED BAR
- 4 EXISTING WIDENING
- 5 EXISTING P.C.C. WIDENING
- 6 EXISTING BINDER SHOULDERS
- 7 EXISTING AGGREGATE SHOULDERS
- 8 EXISTING 3/4" SMOOTH BAR
- 9 EXISTING BRICK PAVEMENT & SUBBASE
- 10 EXISTING HMA OVERLAY
- 11 PROPOSED HMA SURFACE REMOVAL 2 1/4"
- 12 PROPOSED LEVELING BINDER (MACHINE METHOD) SUPERPAVE, N70, 3/4"
- 13 PROPOSED HMA CONCRETE SURFACE COURSE, MIX D, N70, 1 1/2"
- 14 PROPOSED AGGREGATE SHOULDER, TYPE B
- 15 PROPOSED PAVEMENT MARKING
- 16 EXISTING GUARDRAIL
- 17 EXISTING HMA CONCRETE BASE COURSE WIDENING, 9"
- 18 PROPOSED HMA SHOULDERS, SUPERPAVE, 8"
- 19 PROPOSED PAVED SHOULDER REMOVAL
- 20 PROPOSED EXCAVATING & GRADING EXISTING SHOULDER (INCLUDES SAWCUTS)

REVISIONS	
NAME	DATE

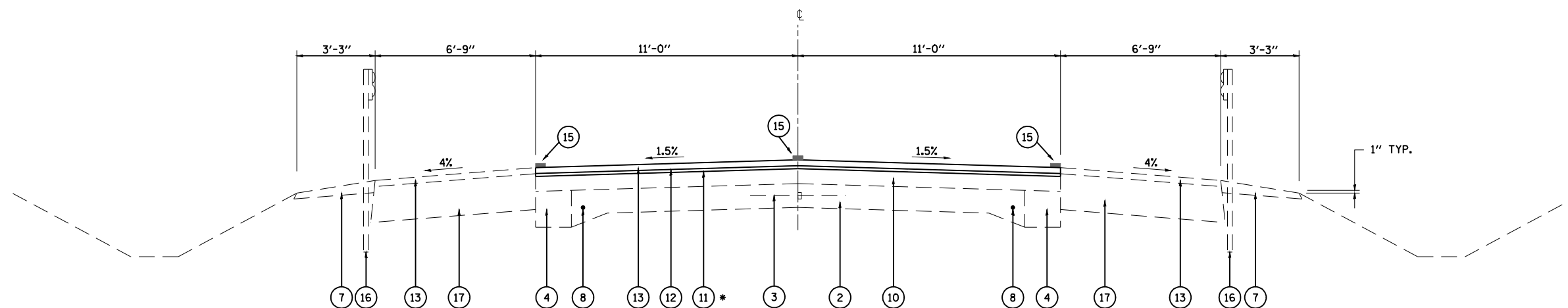
ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICALS SECTIONS (PART "A")

SCALE: VERT. 1" = 2.5'
HORIZ. 1" = 5.0'

DATE: 3/3/2004

DRAWN BY LCH
CHECKED BY SJK

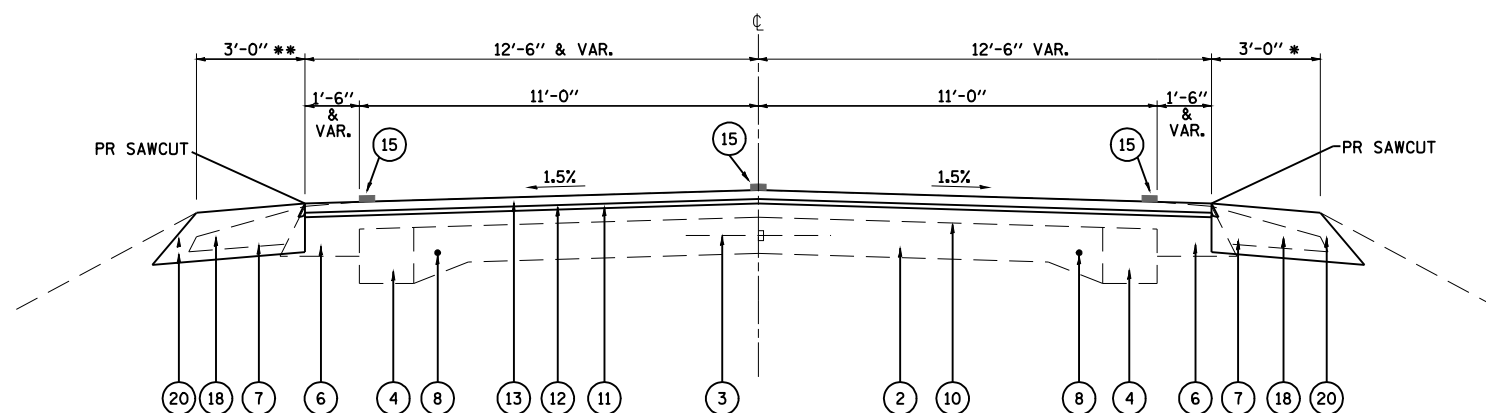


TYPICAL SECTION ⑥

STATION 306+73.12 TO STATION 308+70.82
 (PROJECT OMISSION STA. 308+70.82 TO STA. 309+83.44)
 STATION 309+83.44 TO STATION 311+97.65

LEGEND

- 1 EXISTING CURB
- 2 EXISTING 9'-6"-9" P.C.C. PAVEMENT
- 3 EXISTING LONGITUDINAL METAL JOINT W/ 1/2" DEFORMED BAR
- 4 EXISTING WIDENING
- 5 EXISTING P.C.C. WIDENING
- 6 EXISTING BINDER SHOULDERS
- 7 EXISTING AGGREGATE SHOULDERS
- 8 EXISTING 3/4" SMOOTH BAR
- 9 EXISTING BRICK PAVEMENT & SUBBASE
- 10 EXISTING HMA OVERLAY
- 11 PROPOSED HMA SURFACE REMOVAL 2 1/4"
- 12 PROPOSED LEVELING BINDER (MACHINE METHOD) SUPERPAVE, N70, 3/4"
- 13 PROPOSED HMA CONCRETE SURFACE COURSE, MIX D, N70, 1 1/2"
- 14 PROPOSED AGGREGATE SHOULDER, TYPE B
- 15 PROPOSED PAVEMENT MARKING
- 16 EXISTING GUARDRAIL
- 17 EXISTING HMA CONCRETE BASE COURSE WIDENING, 9"
- 18 PROPOSED HMA SHOULDERS, SUPERPAVE, 8"
- 19 PROPOSED PAVED SHOULDER REMOVAL
- 20 PROPOSED EXCAVATING & GRADING EXISTING SHOULDER (INCLUDES SAWCUTS)



TYPICAL SECTION ⑤

STATION 289+67.75 TO STATION 293+73.00
 * STATION 293+15.56 TO STATION 295+72.11
 ** STATION 295+57.23 TO STATION 298+70.62

REVISIONS	
NAME	DATE

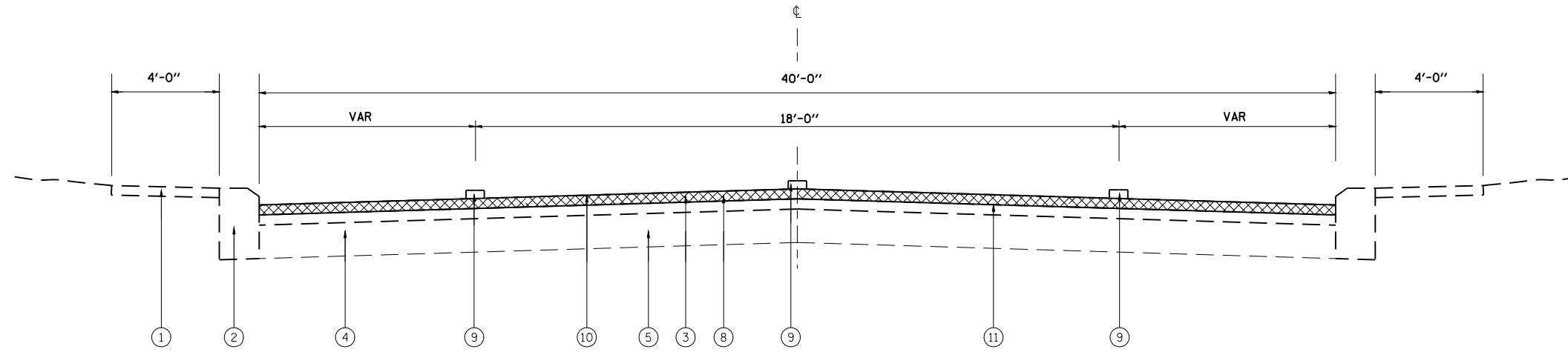
ILLINOIS DEPARTMENT OF TRANSPORTATION

**TYPICALS SECTIONS
(PART "A")**

SCALE: VERT. 1" = 2.5'
 HORIZ. 1" = 5.0'

DRAWN BY LCH
 CHECKED BY SJK

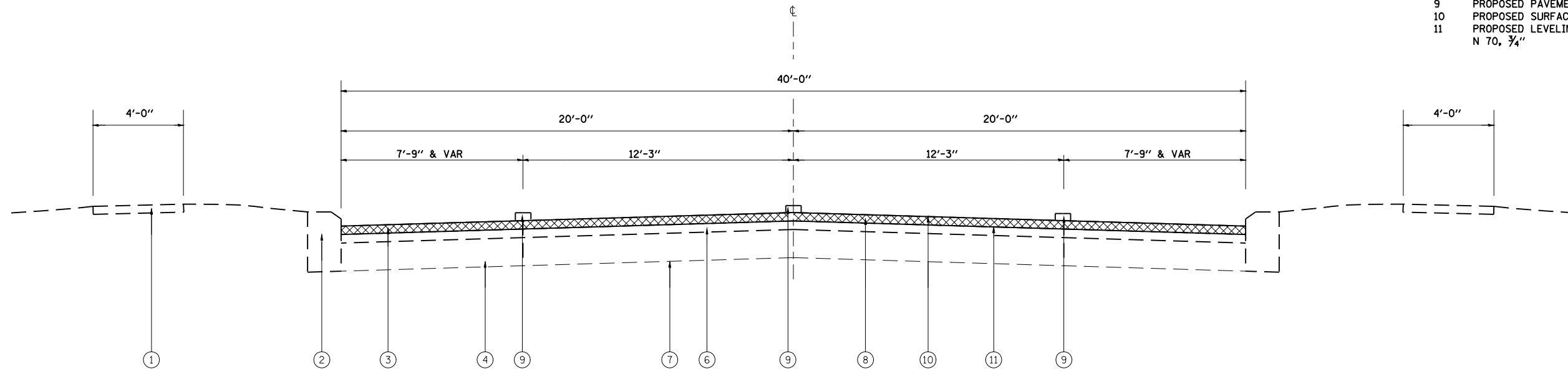
DATE 3/3/2004



TYPICAL SECTION ⑦
STATION 0+50 TO STATION 2+00

LEGEND

- 1 EXISTING PCC SIDEWALK
- 2 EXISTING CONC CURB TYPE 4
- 3 EXISTING HMA SURFACE
- 4 EXISTING PCC BASE COURSE
- 5 EXISTING CONC PAVEMENT
- 6 EXISTING BRICK PAVEMENT
- 7 EXISTING CONC. BASE
- 8 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1 1/2"
- 9 PROPOSED PAVEMENT MARKING
- 10 PROPOSED SURFACE REMOVAL 2 1/4"
- 11 PROPOSED LEVELING BINDER (MACHINE METHOD), SUPERPAVE N 70, 3/4"



TYPICAL SECTION ⑧
STATION 3+27 TO STATION 11+84

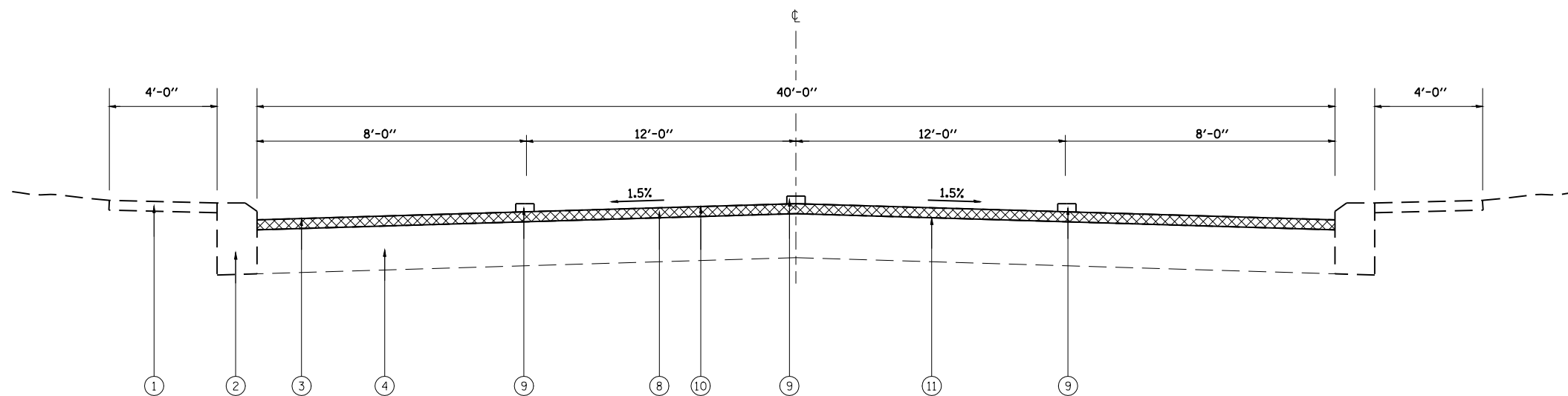
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICALS SECTIONS (PART "B")

SCALE: VERT. _____
HORIZ. _____

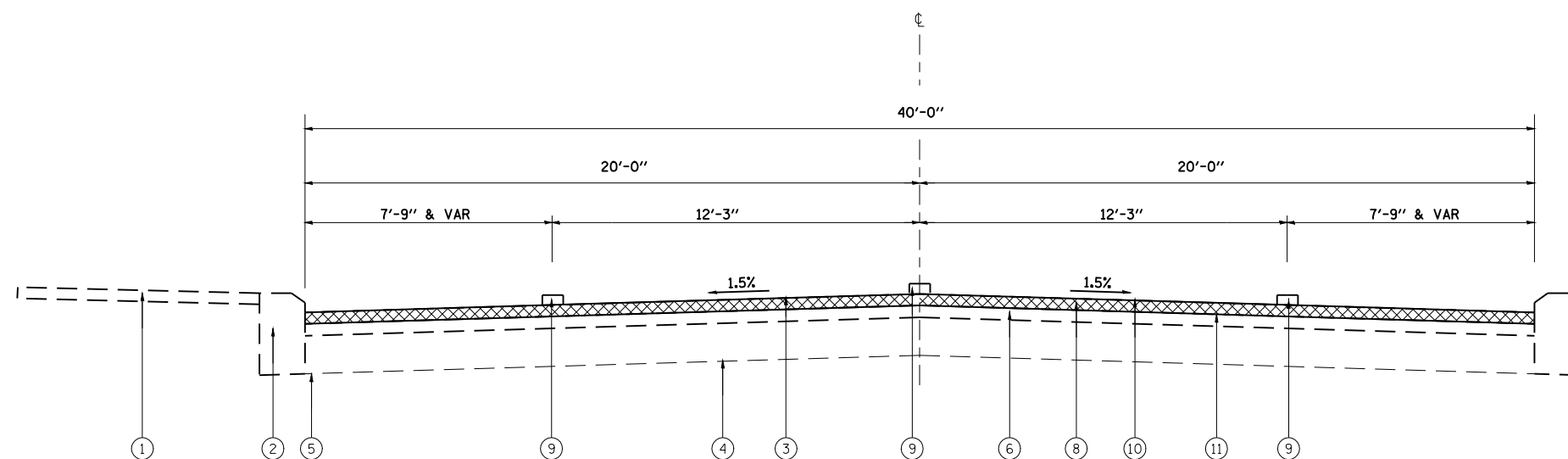
DATE _____ DRAWN BY _____
CHECKED BY _____



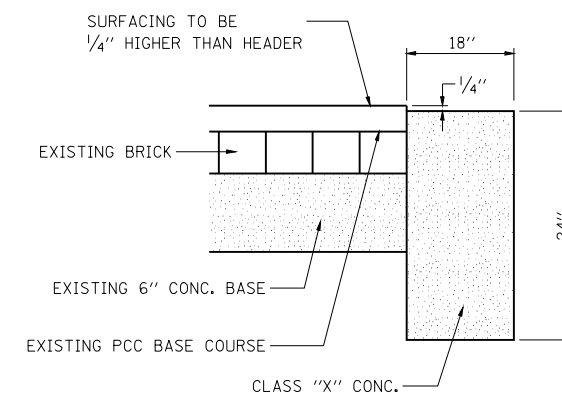
TYPICAL SECTION ⑨
 STATION 2+00 TO STATION 3+27
 STATION 16+40 TO STATION 16+79.8
 (EXCEPT AS NOTED ON PLAN)

LEGEND

- 1 EXISTING PCC SIDEWALK
- 2 EXISTING CONC CURB TYPE 4
- 3 EXISTING HMA SURFACE
- 4 EXISTING PCC BASE COURSE
- 5 EXISTING CONC PAVEMENT
- 6 EXISTING BRICK PAVEMENT
- 7 EXISTING CONC. BASE
- 8 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1/2"
- 9 PROPOSED PAVEMENT MARKING
- 10 PROPOSED SURFACE REMOVAL 2 1/4"
- 11 PROPOSED LEVELING BINDER (MACHINE METHOD), SUPERPAVE N 70, 3/4"



TYPICAL SECTION ⑩
 STATION 11+84 TO STATION 16+40
 STATION 17+32.2 TO STATION 18+98



TYPICAL CONC. HEADER DETAIL @ RR CROSSING

REVISIONS	
NAME	DATE

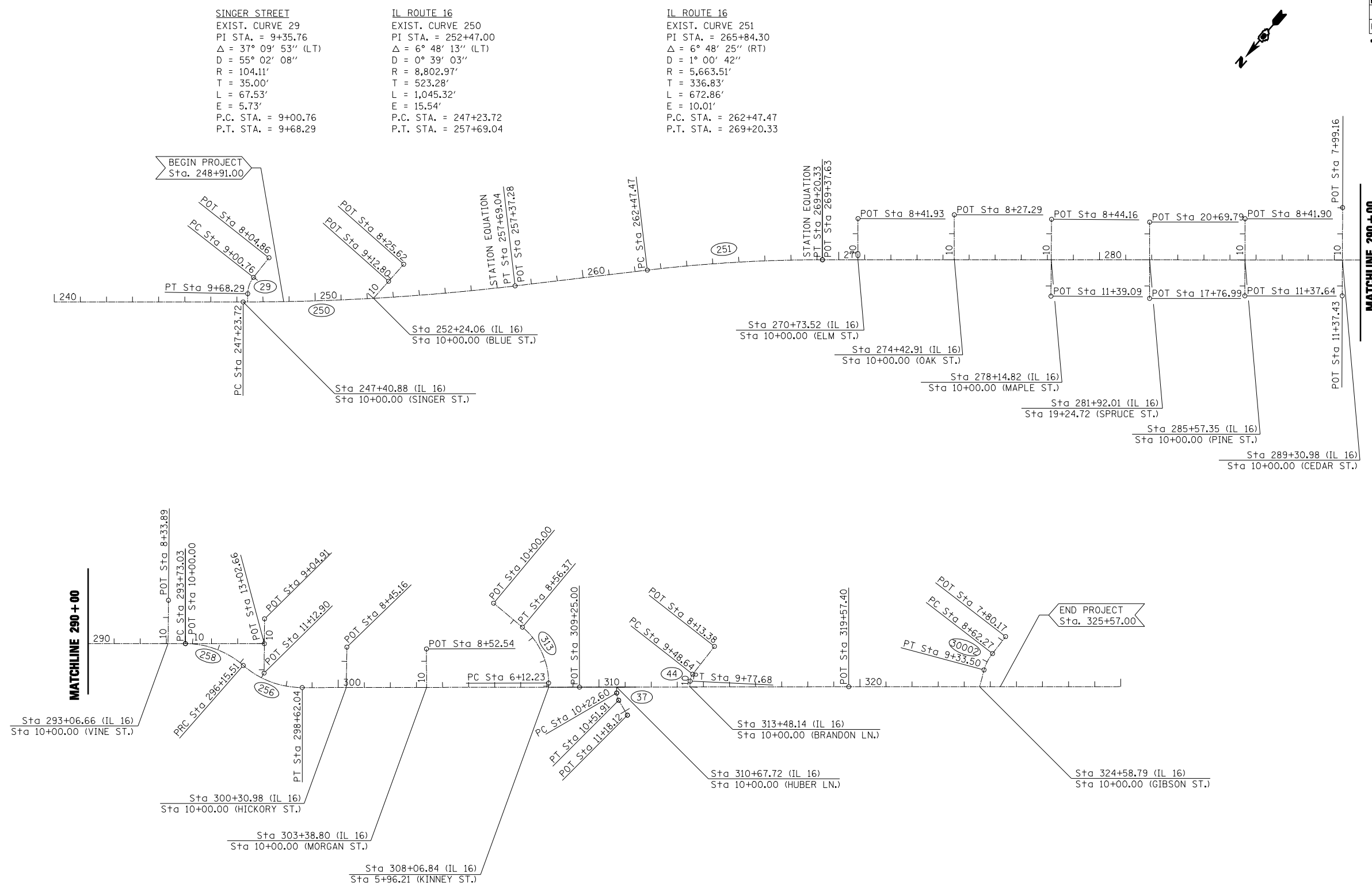
ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICALS SECTIONS (PART "B")

SCALE: VERT. HORIZ. DATE

DRAWN BY CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	•	MONTGOMERY	28	12
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• 18(RS-4); 19(RS-7); 20Z(RS-5)				
CONTRACT NO. 72795				



SINGER STREET
 EXIST. CURVE 29
 PI STA. = 9+35.76
 $\Delta = 37^\circ 09' 53''$ (LT)
 D = 55° 02' 08"
 R = 104.11'
 T = 35.00'
 L = 67.53'
 E = 5.73'
 P.C. STA. = 9+00.76
 P.T. STA. = 9+68.29

IL ROUTE 16
 EXIST. CURVE 250
 PI STA. = 252+47.00
 $\Delta = 6^\circ 48' 13''$ (LT)
 D = 0° 39' 03"
 R = 8,802.97'
 T = 523.28'
 L = 1,045.32'
 E = 15.54'
 P.C. STA. = 247+23.72
 P.T. STA. = 257+69.04

IL ROUTE 16
 EXIST. CURVE 251
 PI STA. = 265+84.30
 $\Delta = 6^\circ 48' 25''$ (RT)
 D = 1° 00' 42"
 R = 5,663.51'
 T = 336.83'
 L = 672.86'
 E = 10.01'
 P.C. STA. = 262+47.47
 P.T. STA. = 269+20.33

IL ROUTE 16
 EXIST. CURVE 258
 PI STA. = 294+99.80
 $\Delta = 41^\circ 15' 41''$ (RT)
 D = 17° 00' 58"
 R = 336.71'
 T = 126.77'
 L = 242.48'
 E = 23.07'
 e = EXIST.
 P.C. STA. = 293+73.03
 P.T. STA. = 296+15.51

IL ROUTE 16
 EXIST. CURVE 256
 PI STA. = 297+44.43
 $\Delta = 41^\circ 22' 06''$ (LT)
 D = 16° 46' 51"
 R = 341.44'
 T = 128.91'
 L = 246.52'
 E = 23.52'
 e = EXIST.
 P.C. STA. = 296+15.51
 P.T. STA. = 298+62.04

KINNEY STREET
 EXIST. CURVE 313
 PI STA. = 7+42.74
 $\Delta = 50^\circ 09' 38''$ (LT)
 D = 20° 32' 44"
 R = 278.87'
 T = 130.52'
 L = 244.14'
 E = 29.03'
 P.C. STA. = 6+12.23
 P.T. STA. = 8+56.37

HUBER LANE
 EXIST. CURVE 37
 PI STA. = 10+37.60
 $\Delta = 30^\circ 09' 14''$ (LT)
 D = 102° 53' 57"
 R = 55.68'
 T = 15.00'
 L = 29.30'
 E = 1.99'
 P.C. STA. = 10+22.60
 P.T. STA. = 10+51.91

BRANDON LANE
 EXIST. CURVE 44
 PI STA. = 9+63.64
 $\Delta = 35^\circ 22' 55''$ (LT)
 D = 121° 50' 11"
 R = 47.03'
 T = 15.00'
 L = 29.04'
 E = 2.33'
 P.C. STA. = 9+48.64
 P.T. STA. = 9+77.68

GIBSON STREET
 EXIST. CURVE 30002
 PI STA. = 8+98.46
 $\Delta = 24^\circ 52' 44''$ (LT)
 D = 34° 55' 39"
 R = 164.04'
 T = 36.19'
 L = 71.23'
 E = 3.94'
 P.C. STA. = 8+62.27
 P.T. STA. = 9+33.50

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

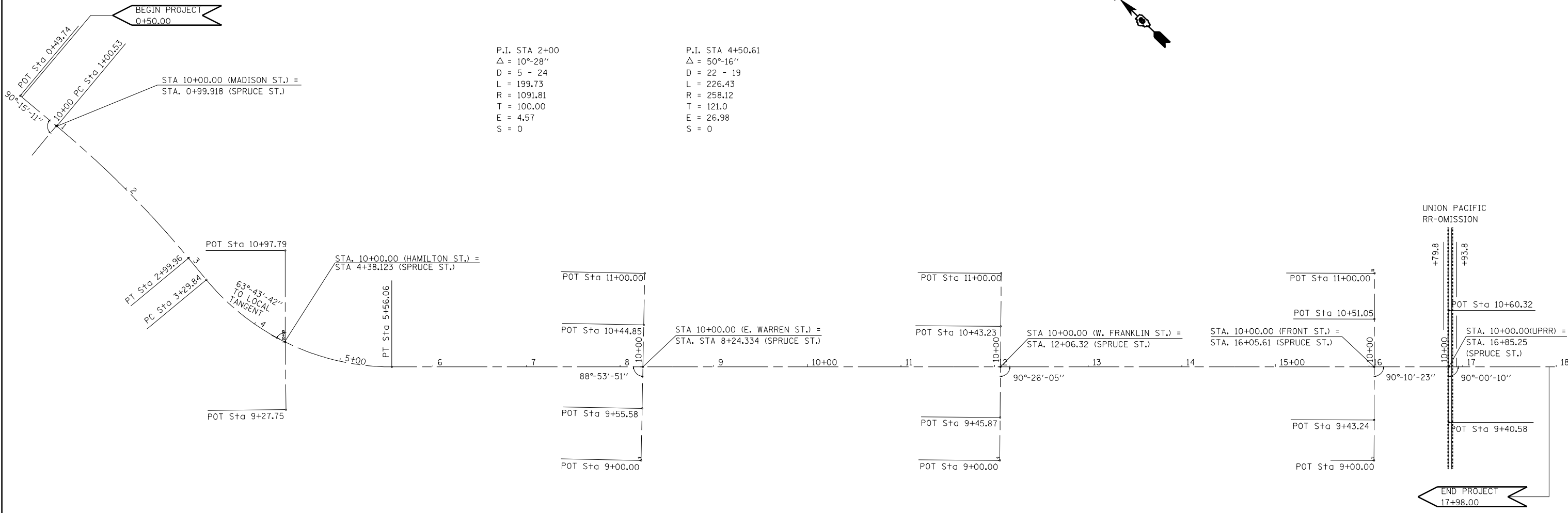
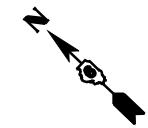
HORIZONTAL ALIGNMENT (PART "A")

SCALE: VERT. 1" = 200'
 HORIZ. 1" = 200'

DATE: 3/3/04

DRAWN BY: LCH
 CHECKED BY: SJK

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
723	*	MONTGOMERY	28	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 18(RS-4); 19(RS-7); 20Z(RS-5)				



P.I. STA 2+00
 $\Delta = 10^{\circ}-28''$
 D = 5 - 24
 L = 199.73
 R = 1091.81
 T = 100.00
 E = 4.57
 S = 0

P.I. STA 4+50.61
 $\Delta = 50^{\circ}-16''$
 D = 22 - 19
 L = 226.43
 R = 258.12
 T = 121.0
 E = 26.98
 S = 0

UNION PACIFIC
RR-OMISSION

END PROJECT
17+98.00

PLOT DATE = Jan-22-2009 08:43:56PM
 FILE NAME = c:\pwworkspace\PROJECTS\72795-Horiz-Align.dgn
 PLOT SCALE = 1/8"=1'-0" / IN.
 USER NAME = laughlinr-1

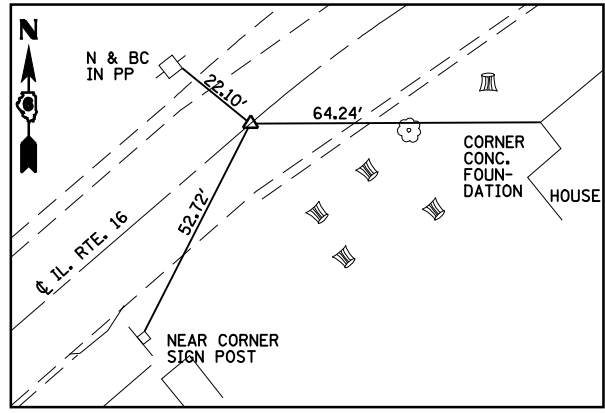
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

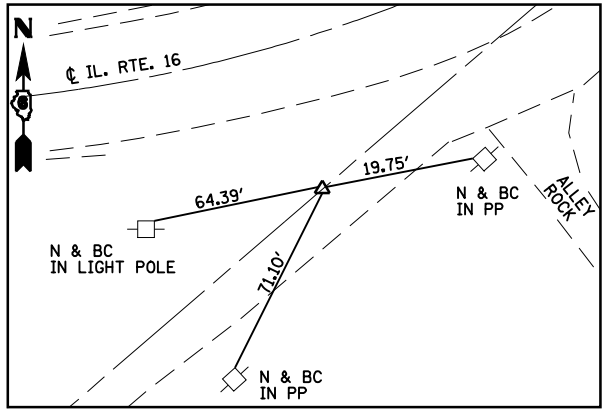
**HORIZONTAL ALIGNMENT
(PART "B")**

SCALE: VERT. / HORIZ.
DATE

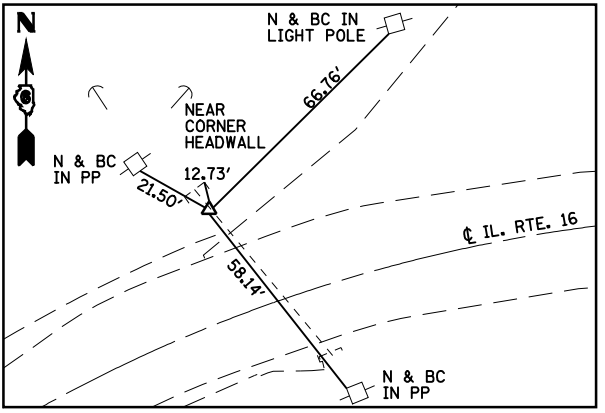
DRAWN BY / CHECKED BY



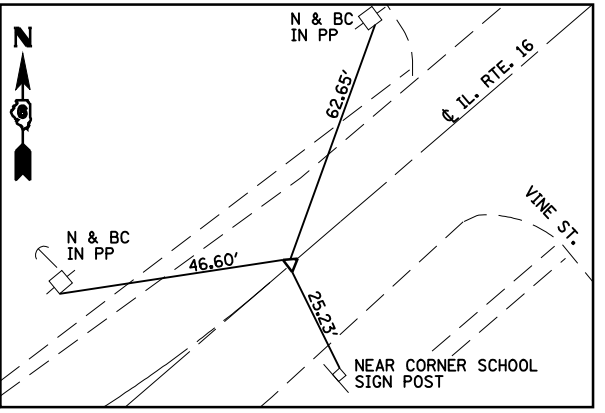
P.T. *256 STA. 298+62.037



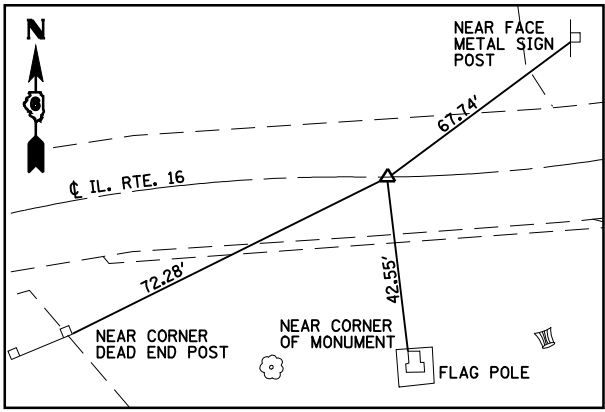
P.I. *258 STA. 294+99.799



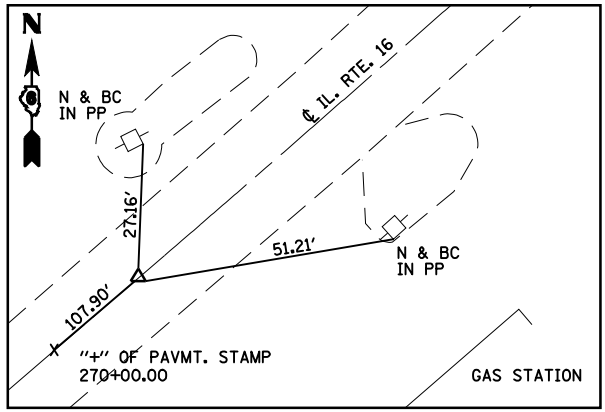
P.I. *256 STA. 297+44.425



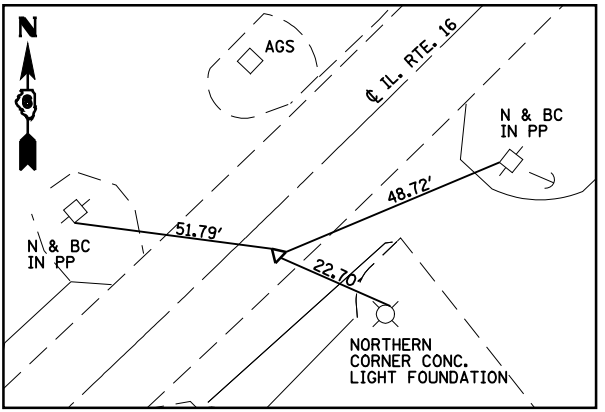
P.C. *258 STA. 293+73.031



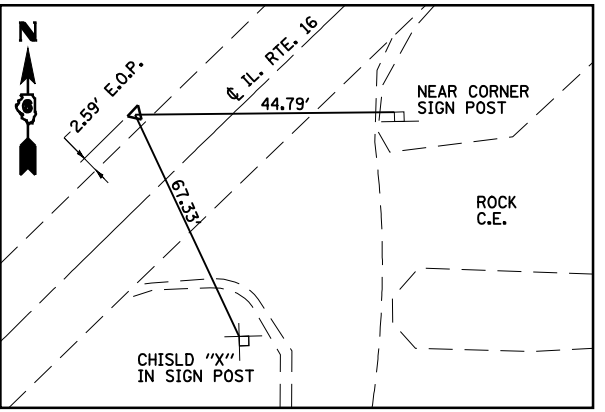
P.R.C. *256 STA. 296+15.514



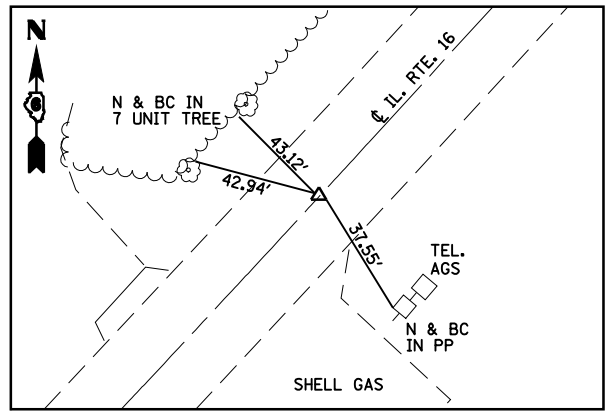
P.T. *251 STA. 269+20.333



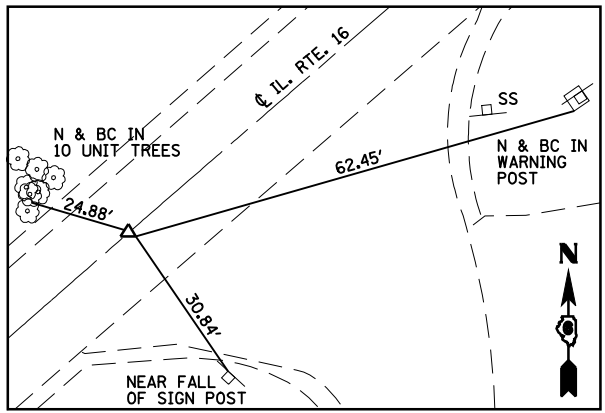
P.I. *251 STA. 265+84.300



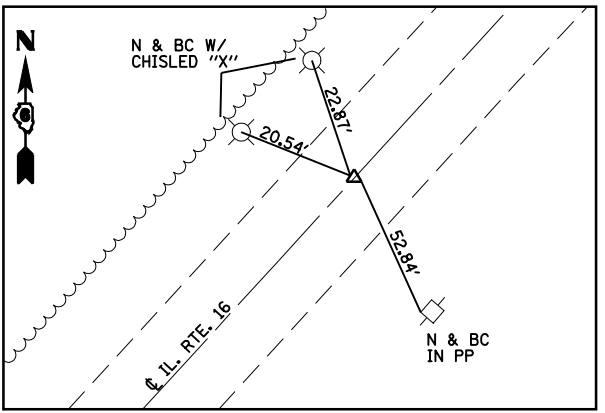
P.I. *250 STA. 252+46.996



P.C. *251 STA. 262+47.475



P.C. *250 STA. 247+23.720



P.T. *250 STA. 257+69.042

REVISIONS	
NAME	DATE

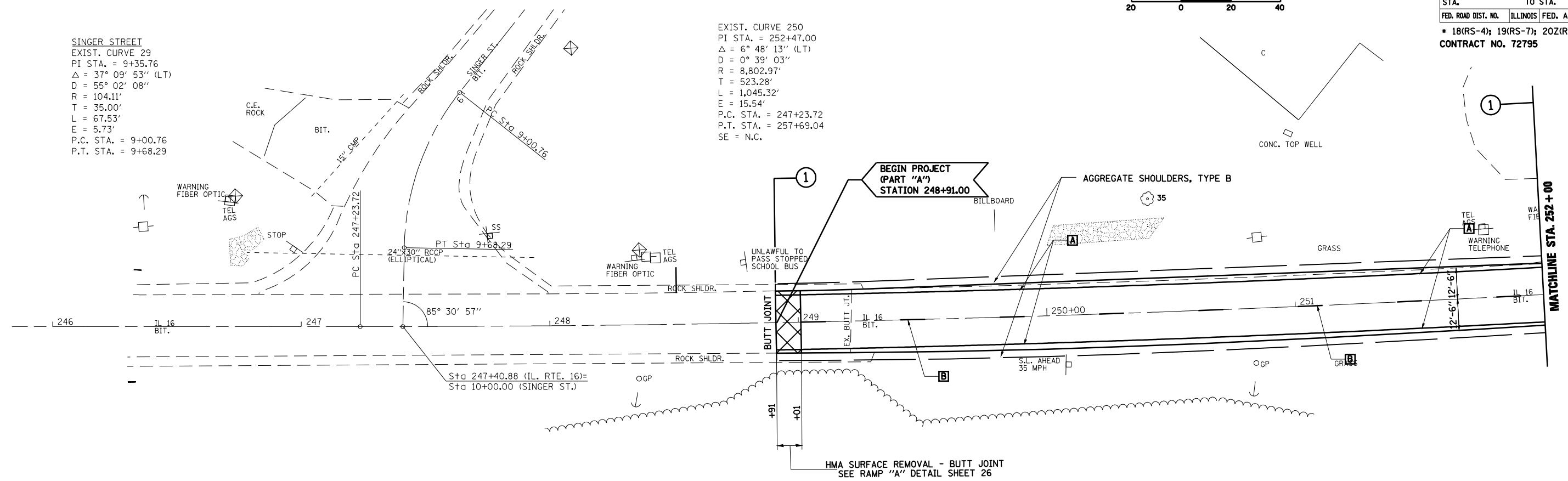
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	*	MONTGOMERY	28	15
STA.		TO STA. 257+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 18(RS-4); 19(RS-7); 20Z(RS-5)				
CONTRACT NO. 72795				



SINGER STREET
 EXIST. CURVE 29
 PI STA. = 9+35.76
 $\Delta = 37^\circ 09' 53''$ (LT)
 $D = 55^\circ 02' 08''$
 $R = 104.11'$
 $T = 35.00'$
 $L = 67.53'$
 $E = 5.73'$
 P.C. STA. = 9+00.76
 P.T. STA. = 9+68.29

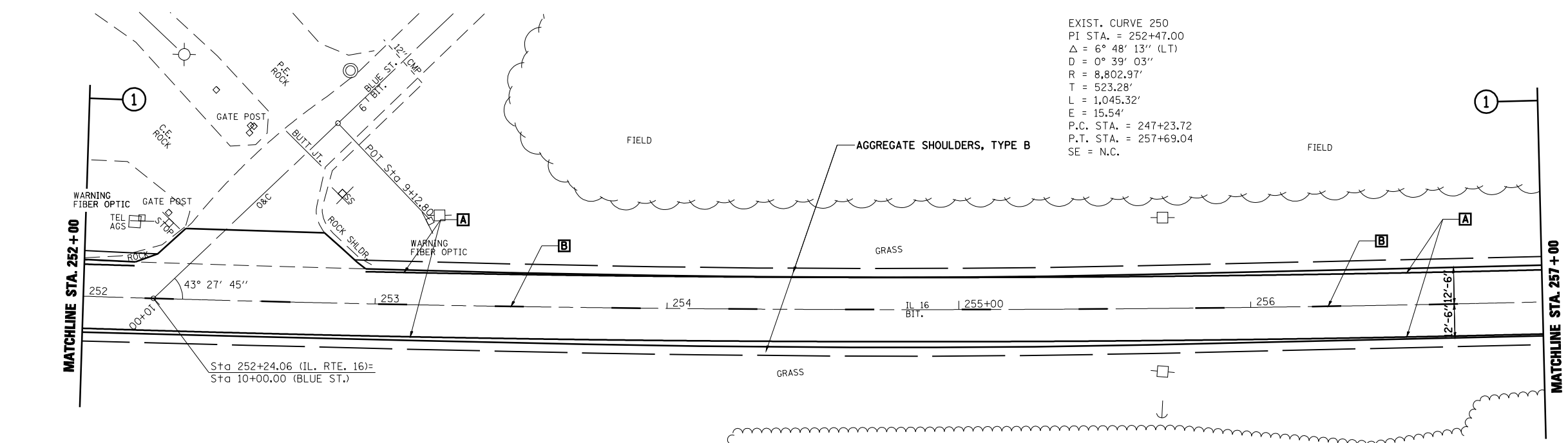
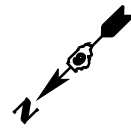
EXIST. CURVE 250
 PI STA. = 252+47.00
 $\Delta = 6^\circ 48' 13''$ (LT)
 $D = 0^\circ 39' 03''$
 $R = 8,802.97'$
 $T = 523.28'$
 $L = 1,045.32'$
 $E = 15.54'$
 P.C. STA. = 247+23.72
 P.T. STA. = 257+69.04
 SE = N.C.

PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	NOTE BOOK NO.	
	DATE	
	BY	
	DATE	



PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	NOTE BOOK NO.	
	DATE	
	BY	
	DATE	

EXIST. CURVE 250
 PI STA. = 252+47.00
 $\Delta = 6^\circ 48' 13''$ (LT)
 $D = 0^\circ 39' 03''$
 $R = 8,802.97'$
 $T = 523.28'$
 $L = 1,045.32'$
 $E = 15.54'$
 P.C. STA. = 247+23.72
 P.T. STA. = 257+69.04
 SE = N.C.



THERMOPLASTIC PAVEMENT MARKING LEGEND

- A** 5" SOLID (WHITE)
- B** 5" SKIP-DASH (YELLOW)
- C** 5" SOLID (YELLOW)
- D** 5" DOUBLE YELLOW (WIDE)
- 13"** ITEM **D** 5" DOUBLE YELLOW (WIDE)

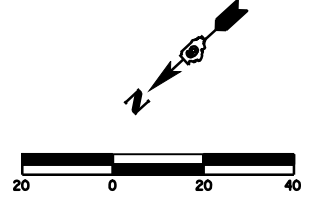
PREFORMED PLASTIC PAVEMENT MARKING, TYP. B LEGEND

- 1** 6" SOLID (WHITE)
- 2** 24" STOP BAR (WHITE)
- 3** 6" CROSSWALKS (WHITE)
- 4** LETTERS & SYMBOLS
- 5** 12" DIAGONAL (WHITE)
- 6** 12" DIAGONAL (YELLOW)

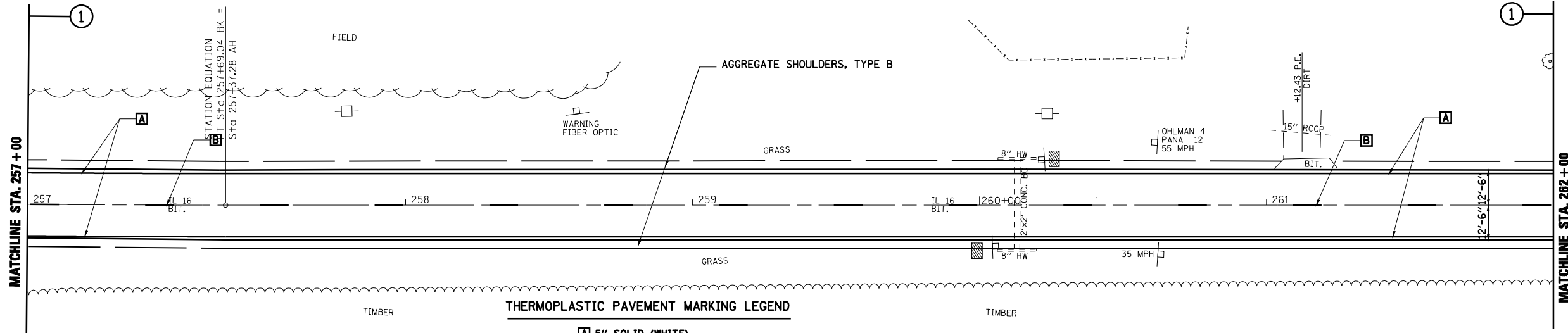
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 325
PLAN SHEET 1 OF 7
(PART "A")
 DATE 3/2004
 DRAWN BY MLO
 CHECKED BY SJK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	*	MONTGOMERY	28	16
STA. 257+00.00 TO STA. 268+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* 18(RS-4); 19(RS-7); 20Z(RS-5)				
CONTRACT NO. 72795				



PLAN	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	NO. OF WAY CHECKED	
	CADD FILE NAME	



THERMOPLASTIC PAVEMENT MARKING LEGEND

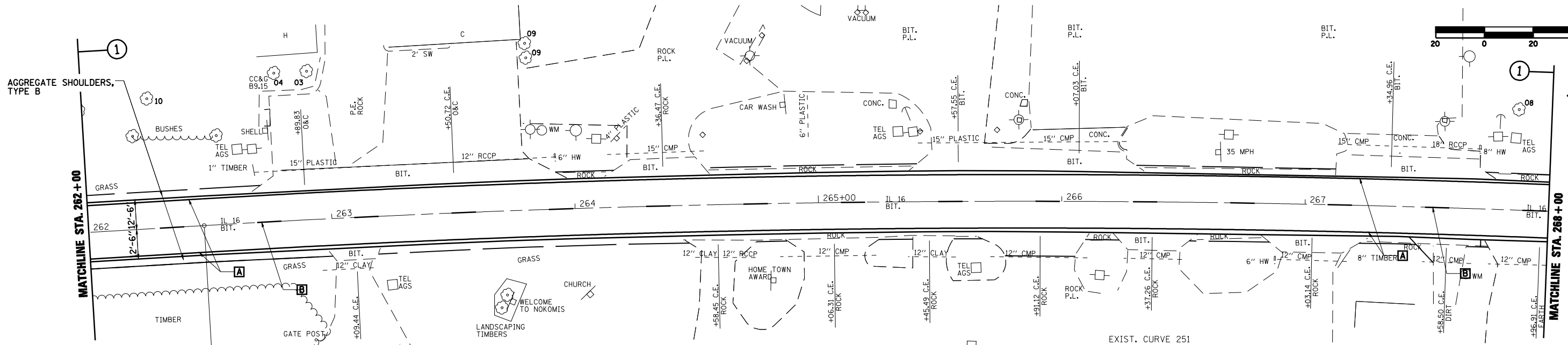
- A 5" SOLID (WHITE)
- B 5" SKIP-DASH (YELLOW)
- C 5" SOLID (YELLOW)
- D 5" DOUBLE YELLOW (WIDE)



PREFORMED PLASTIC PAVEMENT MARKING, TYP. B LEGEND

- 1 6" SOLID (WHITE)
- 2 24" STOP BAR (WHITE)
- 3 6" CROSSWALKS (WHITE)
- 4 LETTERS & SYMBOLS
- 5 12" DIAGONAL (WHITE)
- 6 12" DIAGONAL (YELLOW)

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	NO. OF WAY CHECKED	
	STRUCTURE NOTATIONS CHYD	



EXIST. CURVE 251
 PI STA. = 265+84.30
 $\Delta = 6^\circ 48' 25''$ (RT)
 D = 1° 00' 42"
 R = 5,663.51'
 T = 336.83'
 L = 672.86'
 E = 10.01'
 P.C. STA. = 262+47.47
 P.T. STA. = 269+20.33
 SE = N.C.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

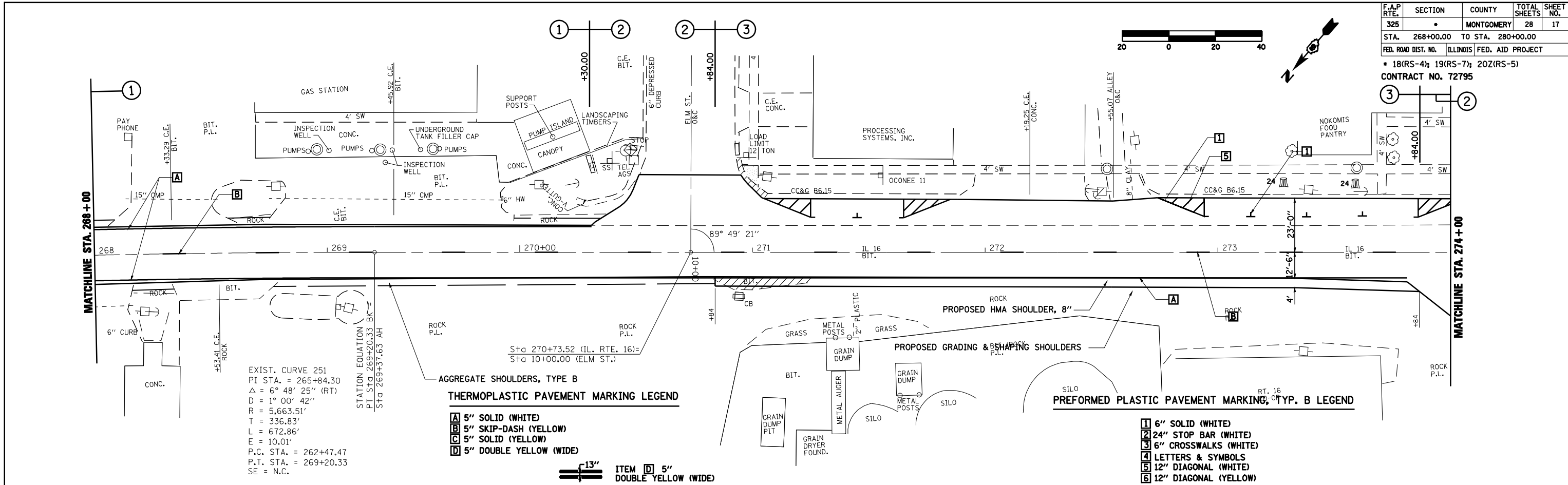
**F.A.P. ROUTE 325
 PLAN SHEET 2 OF 7
 (PART "A")**

DATE 3/2004
 DRAWN BY MLO
 CHECKED BY SJK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	*	MONTGOMERY	28	17
STA. 268+00.00 TO STA. 280+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* 18(RS-4); 19(RS-7); 20Z(RS-5)				

CONTRACT NO. 72795

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	BY	
	NO. OF WAY CHECKED	
	CADD FILE NAME	



EXIST. CURVE 251
 PI STA. = 265+84.30
 $\Delta = 6^\circ 48' 25''$ (RT)
 $D = 1^\circ 00' 42''$
 $R = 5,663.51'$
 $T = 336.83'$
 $L = 672.86'$
 $E = 10.01'$
 P.C. STA. = 262+47.47
 P.T. STA. = 269+20.33
 SE = N.C.

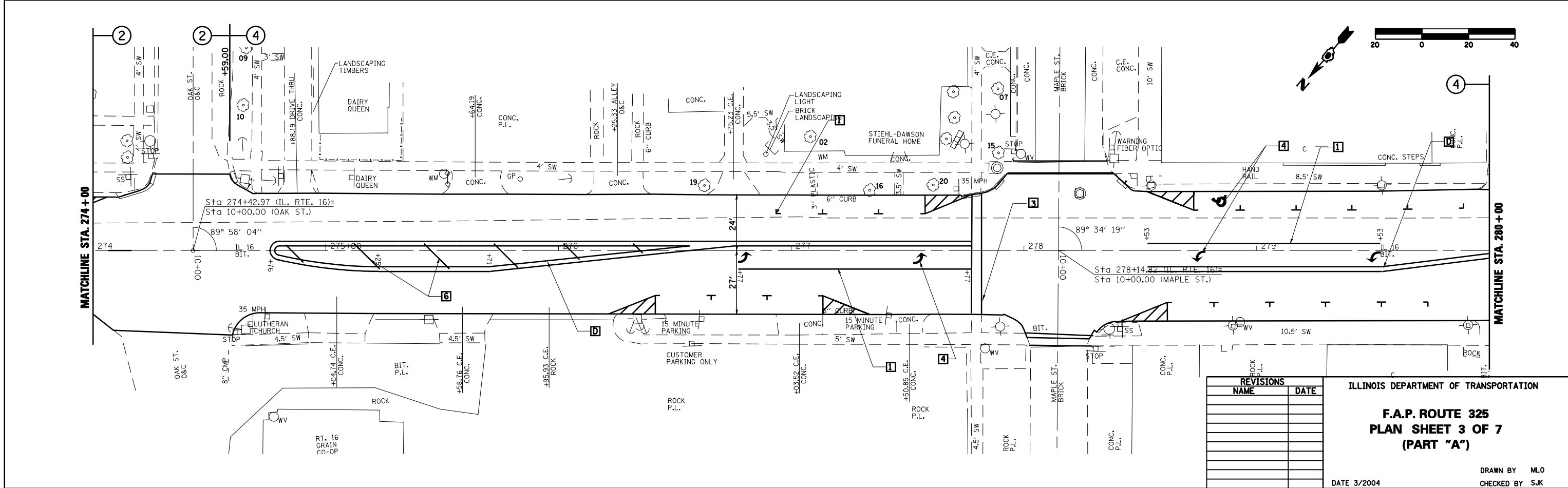
AGGREGATE SHOULDERS, TYPE B
THERMOPLASTIC PAVEMENT MARKING LEGEND

- A** 5" SOLID (WHITE)
 - B** 5" SKIP-DASH (YELLOW)
 - C** 5" SOLID (YELLOW)
 - D** 5" DOUBLE YELLOW (WIDE)
- 13"** ITEM **D** 5" DOUBLE YELLOW (WIDE)

PREFORMED PLASTIC PAVEMENT MARKING, TYP. B LEGEND

- 1** 6" SOLID (WHITE)
- 2** 24" STOP BAR (WHITE)
- 3** 6" CROSSWALKS (WHITE)
- 4** LETTERS & SYMBOLS
- 5** 12" DIAGONAL (WHITE)
- 6** 12" DIAGONAL (YELLOW)

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTED	
	BY	
	NO. OF WAY CHECKED	
	STRUCTURE NOTATIONS CHKD	



Sta 274+42.97 (IL. RTE. 16)=
 Sta 10+00.00 (OAK ST.)

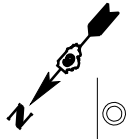
Sta 278+14.82 (IL. RTE. 16)=
 Sta 10+00.00 (MAPLE ST.)

REVISIONS	
NAME	DATE

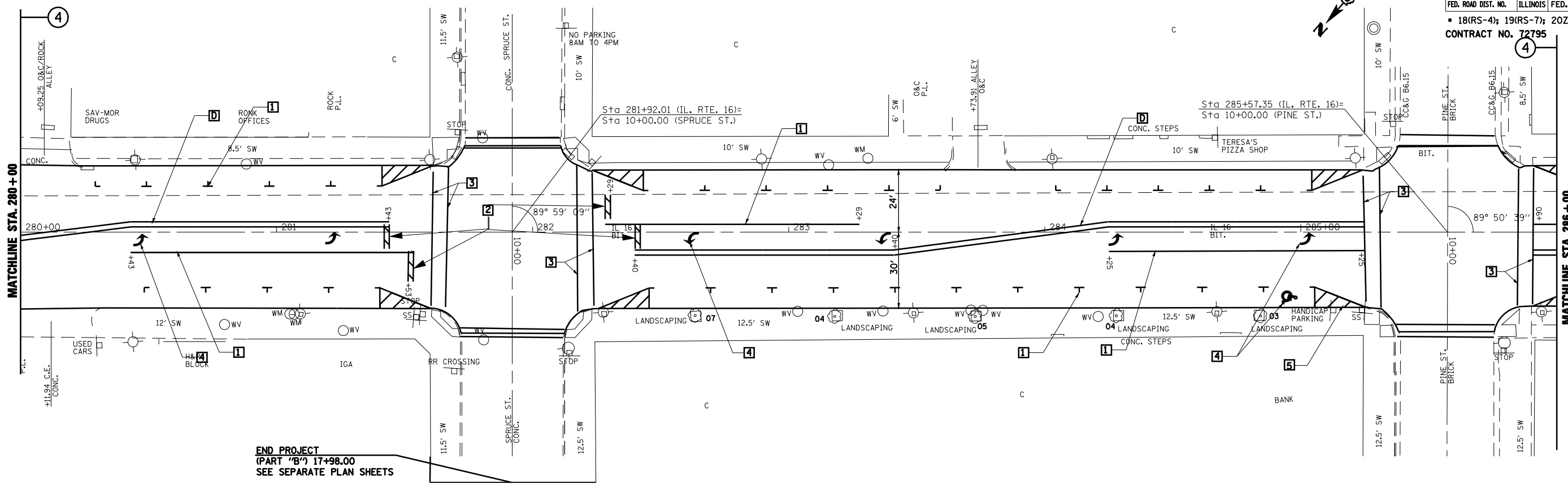
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 325
PLAN SHEET 3 OF 7
(PART "A")
 DRAWN BY MLO
 CHECKED BY SJK
 DATE 3/2004

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	*	MONTGOMERY	28	18
STA. 280+00.00 TO STA. 292+00.00		ILLINOIS FED. AID PROJECT		

* 18(RS-4); 19(RS-7); 20Z(RS-5)
CONTRACT NO. 72795



PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	BY	
	NO. OF	
	NO.	

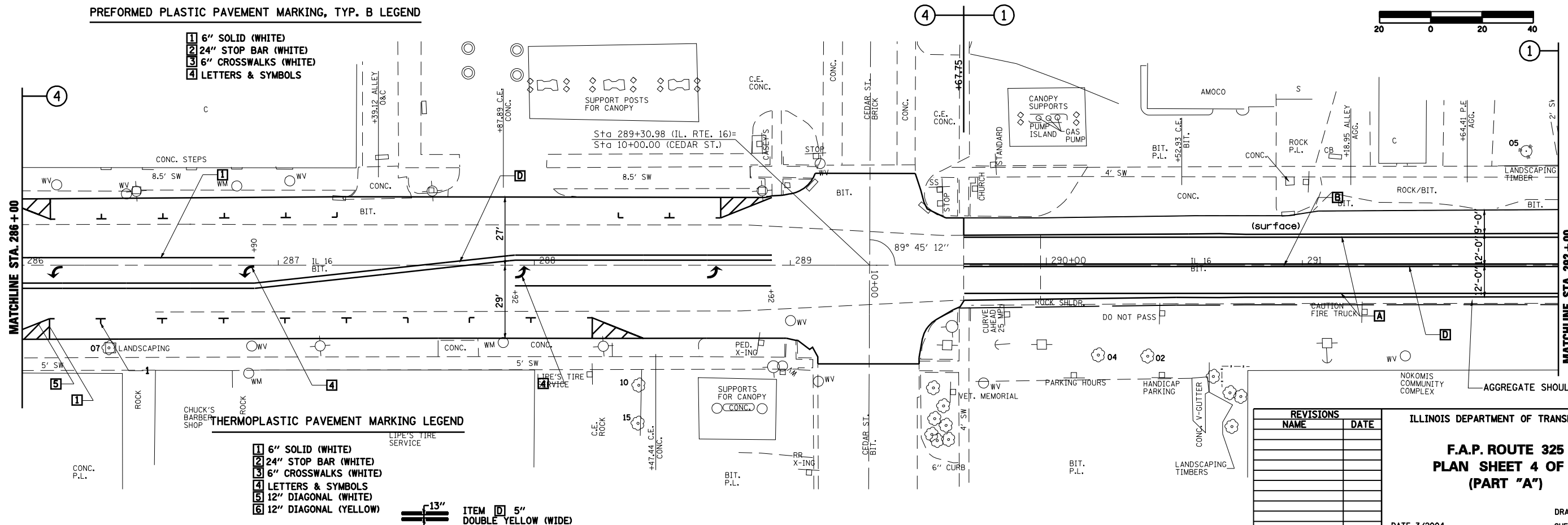


END PROJECT
(PART 'B') 17+98.00
SEE SEPARATE PLAN SHEETS

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	BY	
	NO. OF	
	NO.	

PERFORMED PLASTIC PAVEMENT MARKING, TYP. B LEGEND

- 1 6" SOLID (WHITE)
- 2 24" STOP BAR (WHITE)
- 3 6" CROSSWALKS (WHITE)
- 4 LETTERS & SYMBOLS



THERMOPLASTIC PAVEMENT MARKING LEGEND

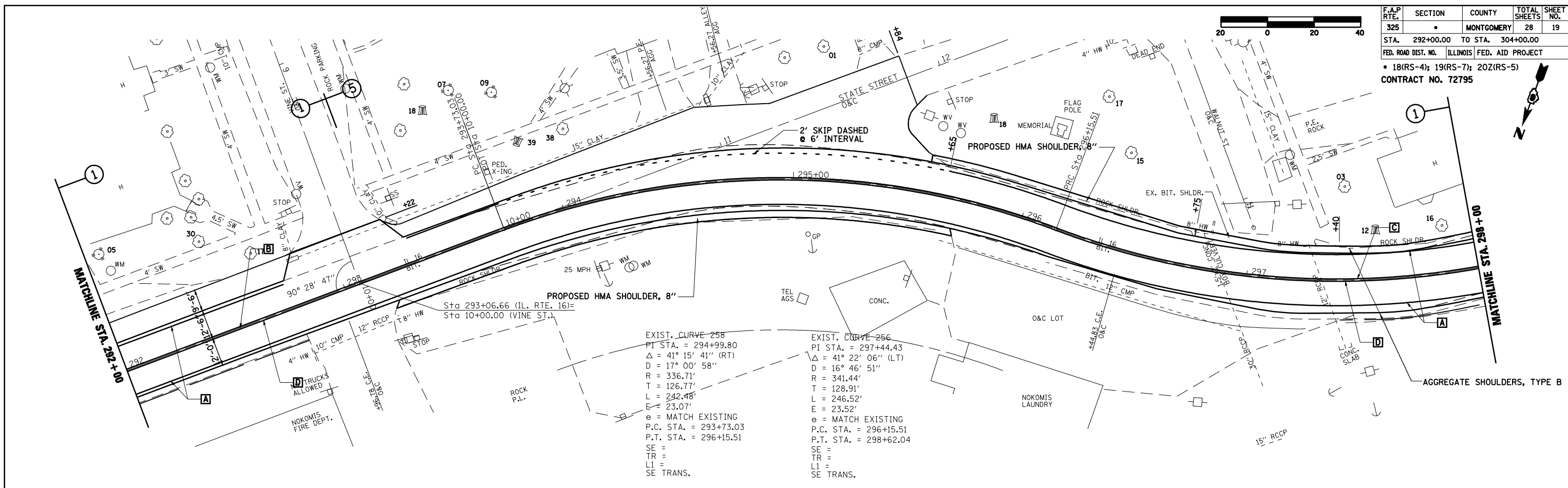
- 1 6" SOLID (WHITE)
 - 2 24" STOP BAR (WHITE)
 - 3 6" CROSSWALKS (WHITE)
 - 4 LETTERS & SYMBOLS
 - 5 12" DIAGONAL (WHITE)
 - 6 12" DIAGONAL (YELLOW)
- 13" ITEM [D] 5" DOUBLE YELLOW (WIDE)

REVISIONS	
NAME	DATE

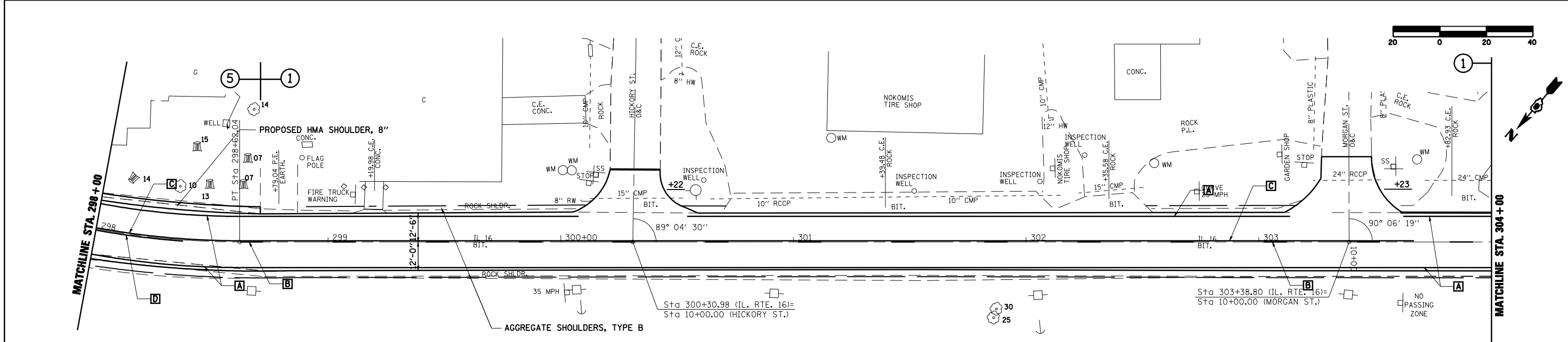
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 325
PLAN SHEET 4 OF 7
(PART 'A')
DATE 3/2004
DRAWN BY MLO
CHECKED BY SJK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	*	MONTGOMERY	28	19
STA. 292+00.00 TO STA. 304+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* 18(RS-4); 19(RS-7); 20Z(RS-5)				
CONTRACT NO. 72795				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	NO. OF WAY CHECKED	
	CADD FILE NAME	



PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	STRUCTURE NOTATIONS CHKD	



THERMOPLASTIC PAVEMENT MARKING LEGEND

- A** 5" SOLID (WHITE)
- B** 5" SKIP-DASH (YELLOW)
- C** 5" SOLID (YELLOW)
- D** 5" DOUBLE YELLOW (WIDE)
- E** 13" ITEM **D** 5" DOUBLE YELLOW (WIDE)

PREFORMED PLASTIC PAVEMENT MARKING, TYP. B LEGEND

- 1** 6" SOLID (WHITE)
- 2** 24" STOP BAR (WHITE)
- 3** 6" CROSSWALKS (WHITE)
- 4** LETTERS & SYMBOLS
- 5** 12" DIAGONAL (WHITE)
- 6** 12" DIAGONAL (YELLOW)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.P. ROUTE 325
PLAN SHEET 5 OF 7
(PART "A")

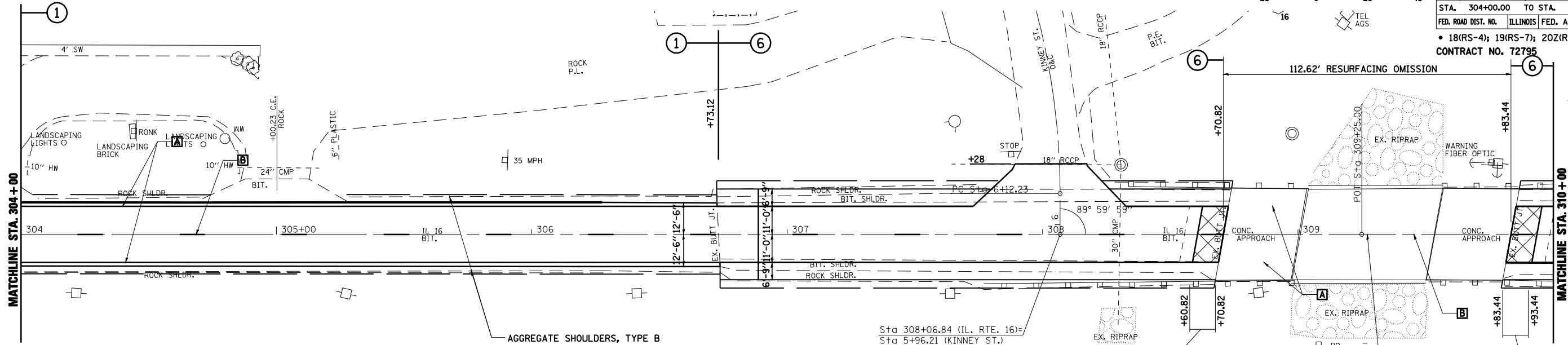
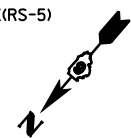
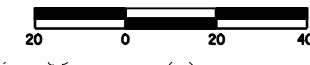
DATE 3/2004

DRAWN BY MLO
 CHECKED BY SJK

PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	NOTE BOOK	
	NO. OF WAY CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	NOTE BOOK	
	NO. OF WAY CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	*	MONTGOMERY	28	20
STA. 304+00.00	TO STA. 316+00.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 18(RS-4); 19(RS-7); 20Z(RS-5)				
CONTRACT NO. 72795				



THERMOPLASTIC PAVEMENT MARKING LEGEND

- A** 5" SOLID (WHITE)
- B** 5" SKIP-DASH (YELLOW)
- C** 5" SOLID (YELLOW)
- D** 5" DOUBLE YELLOW (WIDE)

PREFORMED PLASTIC PAVEMENT MARKING, TYP. B LEGEND

- 1** 6" SOLID (WHITE)
- 2** 24" STOP BAR (WHITE)
- 3** 6" CROSSWALKS (WHITE)
- 4** LETTERS & SYMBOLS
- 5** 12" DIAGONAL (WHITE)
- 6** 12" DIAGONAL (YELLOW)



KINNEY STREET
 EXIST. CURVE 313
 P.I. STA. = 7+42.74
 $\Delta = 50^\circ 59' 39''$
 $D = 20^\circ 32' 41''$
 $R = 278.87'$
 $T = 130.52'$
 $L = 244.14'$

HMA SURFACE REMOVAL - BUTT JOINT
 SEE RAMP "A" DETAIL SHEET 26

THERMOPLASTIC PAVEMENT MARKING LEGEND

- A** 5" SOLID (WHITE)
- B** 5" SKIP-DASH (YELLOW)
- C** 5" SOLID (YELLOW)
- D** 5" DOUBLE YELLOW (WIDE)

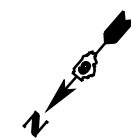
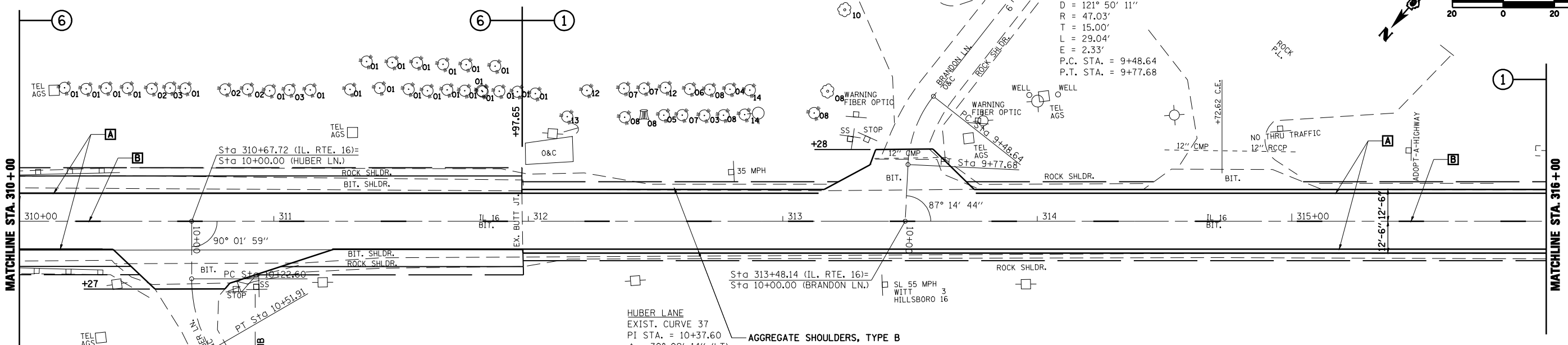
PREFORMED PLASTIC PAVEMENT MARKING, TYP. B LEGEND

- 1** 6" SOLID (WHITE)
- 2** 24" STOP BAR (WHITE)
- 3** 6" CROSSWALKS (WHITE)
- 4** LETTERS & SYMBOLS
- 5** 12" DIAGONAL (WHITE)
- 6** 12" DIAGONAL (YELLOW)



KINNEY STREET
 EXIST. CURVE 313
 P.I. STA. = 7+42.74
 $\Delta = 50^\circ 59' 39''$
 $D = 20^\circ 32' 41''$
 $R = 278.87'$
 $T = 130.52'$
 $L = 244.14'$

HMA SURFACE REMOVAL - BUTT JOINT
 SEE RAMP "A" DETAIL SHEET 26



BRANDON LANE
 EXIST. CURVE 44
 P.I. STA. = 9+63.64
 $\Delta = 35^\circ 22' 55''$ (LT)
 $D = 121^\circ 50' 11''$
 $R = 47.03'$
 $T = 15.00'$
 $L = 29.04'$
 $E = 2.33'$
 P.C. STA. = 9+48.64
 P.T. STA. = 9+77.68

HUBER LANE
 EXIST. CURVE 37
 P.I. STA. = 10+37.60
 $\Delta = 30^\circ 09' 14''$ (LT)
 $D = 102^\circ 53' 57''$
 $R = 55.68'$
 $T = 15.00'$
 $L = 29.30'$
 $E = 1.99'$
 P.C. STA. = 10+22.60
 P.T. STA. = 10+51.91

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

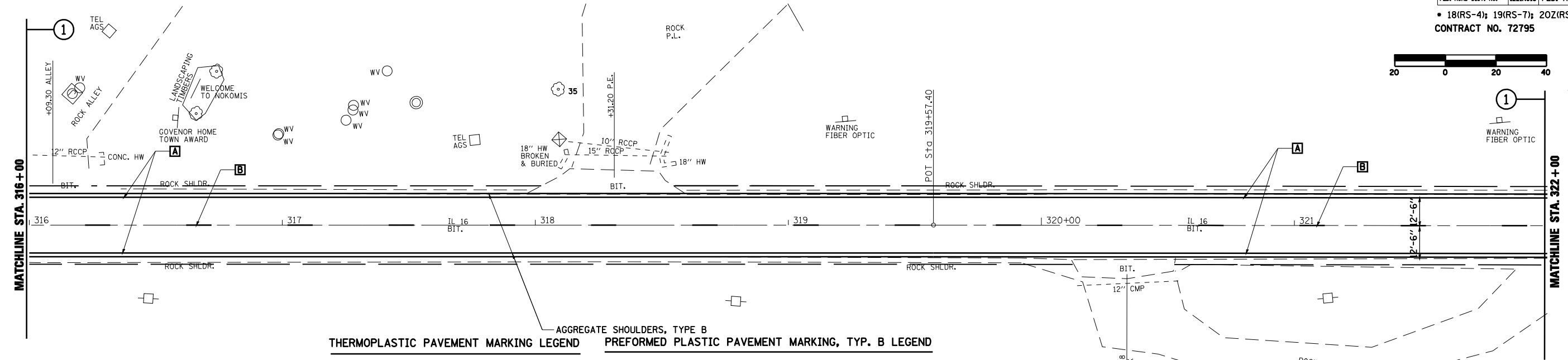
**F.A.P. ROUTE 325
 PLAN SHEET 6 OF 7
 (PART "A")**

DATE 3/2004
 DRAWN BY MLO
 CHECKED BY SJK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325		MONTGOMERY	28	21
STA. 316+00.00		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 18(RS-4); 19(RS-7); 20Z(RS-5)				
CONTRACT NO. 72795				

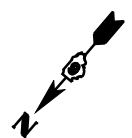
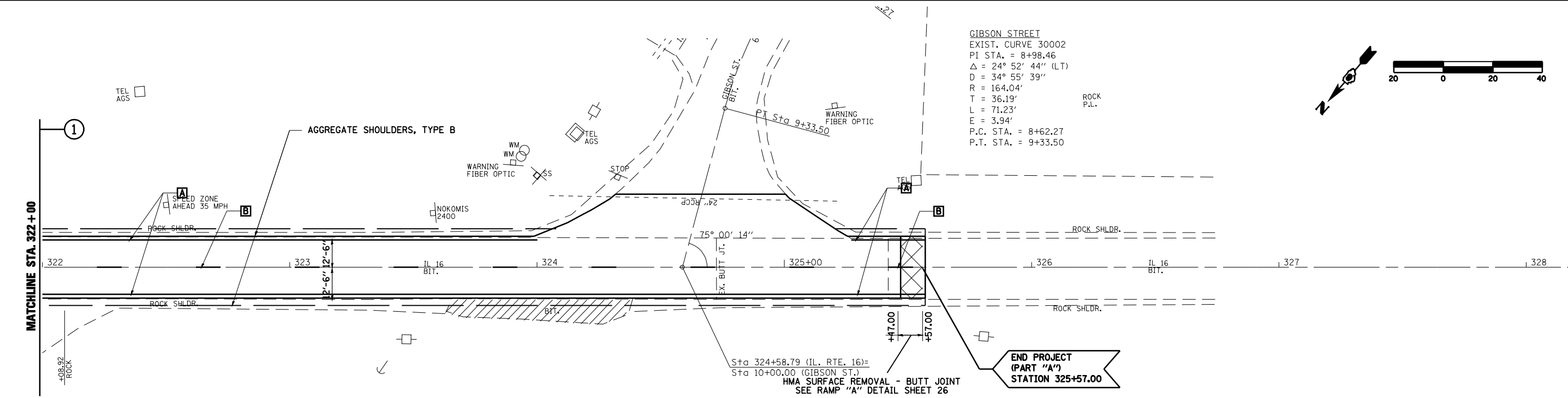


PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	NOTE BOOK	
	NO.	
	CADD FILE NAME	



- AGGREGATE SHOULDERS, TYPE B
- THERMOPLASTIC PAVEMENT MARKING LEGEND**
- A** 5" SOLID (WHITE)
 - B** 5" SKIP-DASH (YELLOW)
 - C** 5" SOLID (YELLOW)
 - D** 5" DOUBLE YELLOW (WIDE)
- PREFORMED PLASTIC PAVEMENT MARKING, TYP. B LEGEND**
- 1** 6" SOLID (WHITE)
 - 2** 24" STOP BAR (WHITE)
 - 3** 6" CROSSWALKS (WHITE)
 - 4** LETTERS & SYMBOLS
 - 5** 12" DIAGONAL (WHITE)
 - 6** 12" DIAGONAL (YELLOW)
- 13"** ITEM **D** 5" DOUBLE YELLOW (WIDE)

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATIONS CHYD	



REVISIONS	
NAME	DATE

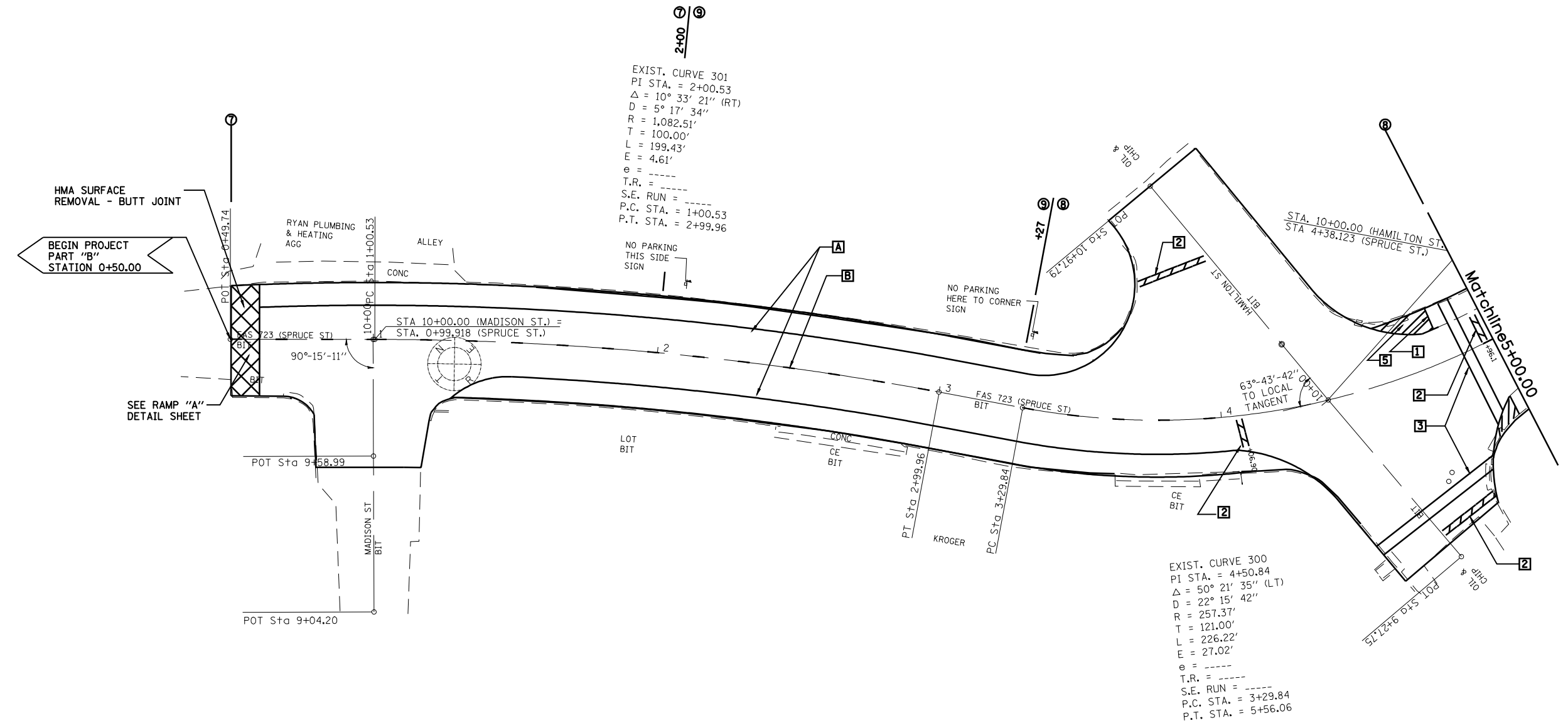
ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.P. ROUTE 325
PLAN SHEET 7 OF 7
(PART "A")

DATE 3/2004

DRAWN BY MLO
CHECKED BY SJK

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
723		MONTGOMERY	28	22
STA.		TO STA. 5+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 18(RS-4); 19(RS-7); 20Z(RS-5)				



THERMOPLASTIC PAVEMENT MARKING LEGEND

- A** 5" SOLID (WHITE)
- B** 5" SKIP-DASH (YELLOW)
- C** 5" SOLID (YELLOW)
- D** 5" DOUBLE YELLOW (WIDE)
- 13"** ITEM **D** 5" DOUBLE YELLOW (WIDE)

PREFORMED PLASTIC PAVEMENT MARKING, TYP. B LEGEND

- 1** 6" SOLID (WHITE)
- 2** 24" STOP BAR (WHITE)
- 3** 6" CROSSWALKS (WHITE)
- 4** LETTERS & SYMBOLS
- 5** 12" DIAGONAL (WHITE)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

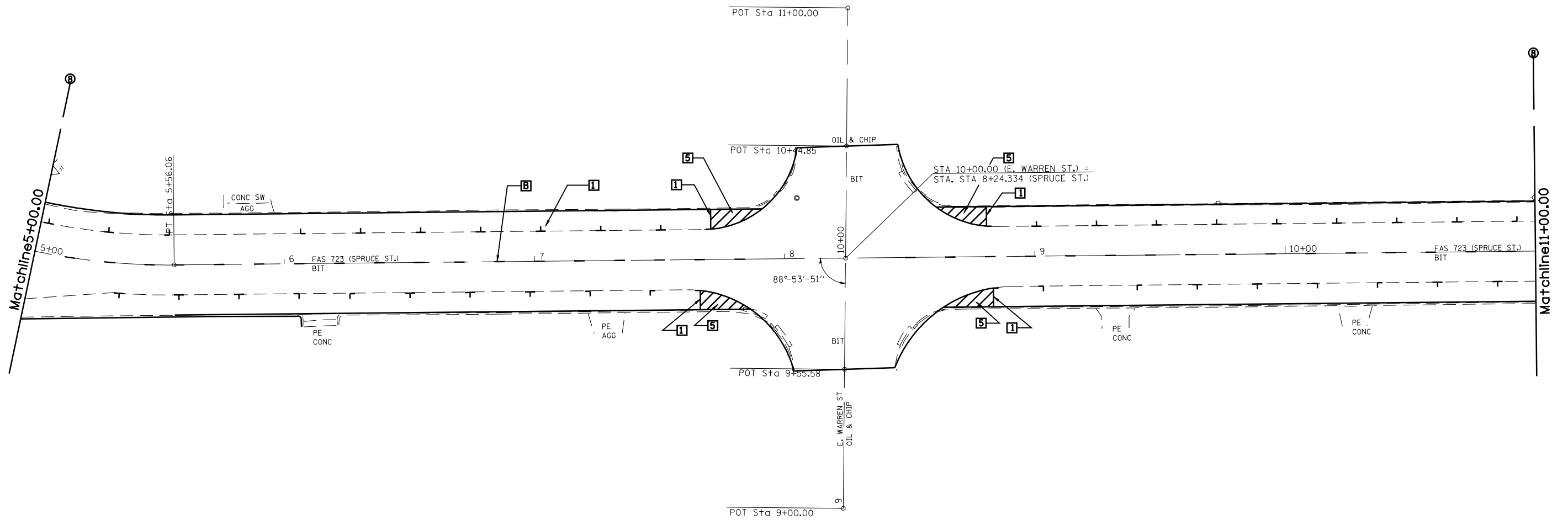
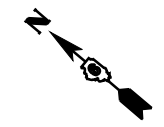
FAS ROUTE 723
PLAN SHEET 1 OF 4
(PART "B")

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = Jan-22-2009 08:44:24PM
 FILE NAME = c:\pva\work\72795\1\AUGHL\INR\cdms24286\72795-ah-rt-plan-spruce.dgn
 PLOT SCALE = 42.3529' / IN.
 USER NAME = laughlinr1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
723	*	MONTGOMERY	28	23
STA. 5+00.00		TO STA. 11+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* 18(RS-4); 19(RS-7); 20Z(RS-5)				



THERMOPLASTIC PAVEMENT MARKING LEGEND

- A** 5" SOLID (WHITE)
- B** 5" SKIP-DASH (YELLOW)
- C** 5" SOLID (YELLOW)
- D** 5" DOUBLE YELLOW (WIDE)
- f** 13" ITEM **D** 5" DOUBLE YELLOW (WIDE)

PREFORMED PLASTIC PAVEMENT MARKING, TYP. B LEGEND

- 1** 6" SOLID (WHITE)
- 2** 24" STOP BAR (WHITE)
- 3** 6" CROSSWALKS (WHITE)
- 4** LETTERS & SYMBOLS
- 5** 12" DIAGONAL (WHITE)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

FAS ROUTE 723
PLAN SHEET 2 OF 4
(PART "B")

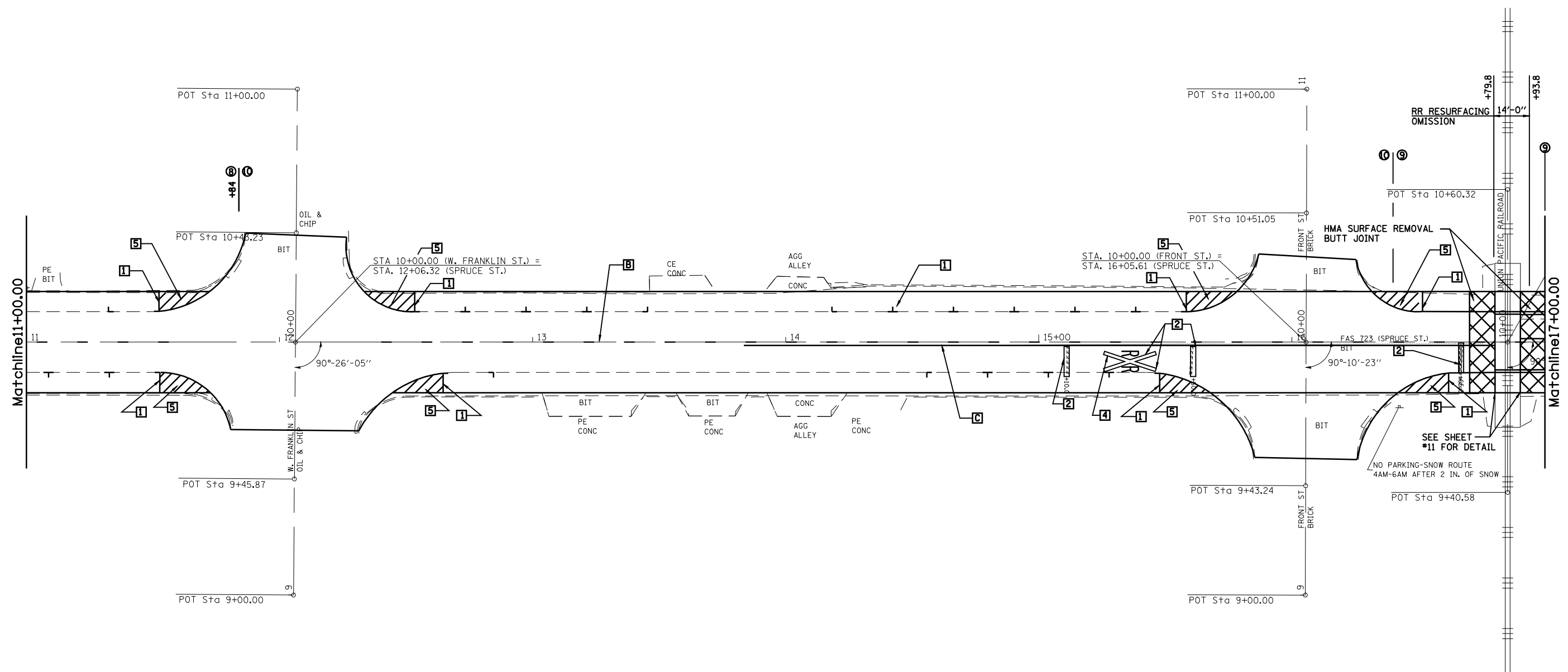
SCALE: VERT. _____
HORIZ. _____

DATE _____ DRAWN BY _____
CHECKED BY _____

PLOT DATE = Jan-22-2009 01:44:34PM
 FILE NAME = c:\pva\work\pva\p1001\LAUHL\INR\cdms24286\72795-ah\plan_spruce.dgn
 PLOT SCALE = 42.3529' / IN.
 USER NAME = laughlinr1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
723	•	MONTGOMERY	28	24

STA. 11+00.00 TO STA. 17+00.00
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 • 18(RS-4); 19(RS-7); 20Z(RS-5)



THERMOPLASTIC PAVEMENT MARKING LEGEND

- A** 5" SOLID (WHITE)
- B** 5" SKIP-DASH (YELLOW)
- C** 5" SOLID (YELLOW)
- D** 5" DOUBLE YELLOW (WIDE)
- 13"** ITEM **D** 5" DOUBLE YELLOW (WIDE)

PREFORMED PLASTIC PAVEMENT MARKING, TYP. B LEGEND

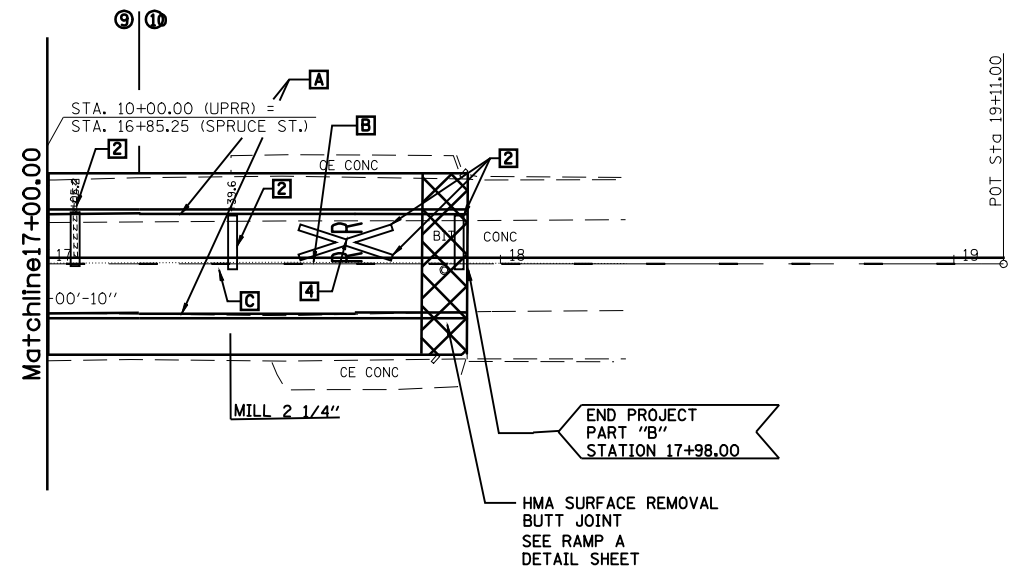
- 1** 6" SOLID (WHITE)
- 2** 24" STOP BAR (WHITE)
- 3** 6" CROSSWALKS (WHITE)
- 4** LETTERS & SYMBOLS
- 5** 12" DIAGONAL (WHITE)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**FAS ROUTE 723
 PLAN SHEET 3 OF 4
 (PART "B")**
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = Jan-22-2009 08:44:36PM
 FILE NAME = c:\pva\work\72795\11\1011\LAUGHLIN\72795-11-1011-plan-spruce.dgn
 PLOT SCALE = 42.3529' / IN.
 USER NAME = laughlinr1

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
723	*	MONTGOMERY	28	25
STA. 17+00.00		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 18(RS-4); 19(RS-7); 20Z(RS-5)				



THERMOPLASTIC PAVEMENT MARKING LEGEND

- A** 5" SOLID (WHITE)
- B** 5" SKIP-DASH (YELLOW)
- C** 5" SOLID (YELLOW)
- D** 5" DOUBLE YELLOW (WIDE)
- 13"** ITEM **D** 5" DOUBLE YELLOW (WIDE)

PREFORMED PLASTIC PAVEMENT MARKING, TYP. B LEGEND

- 1** 6" SOLID (WHITE)
- 2** 24" STOP BAR (WHITE)
- 3** 6" CROSSWALKS (WHITE)
- 4** LETTERS & SYMBOLS
- 5** 12" DIAGONAL (WHITE)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

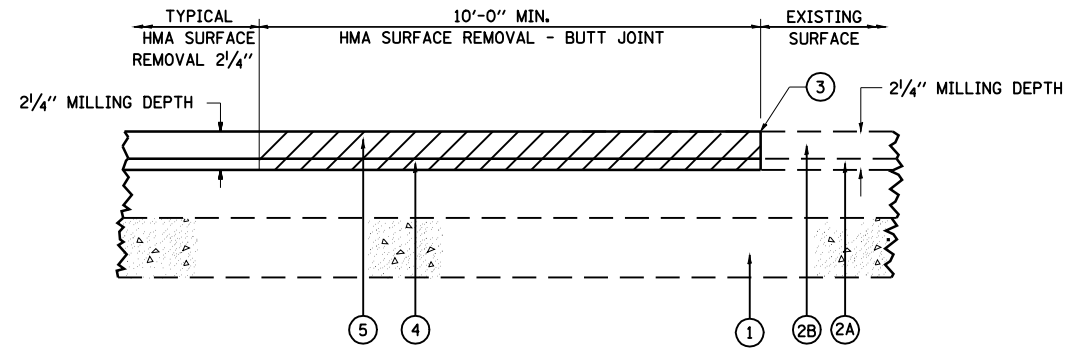
FAS ROUTE 723
 PLAN SHEET 4 OF 4
 (PART "B")

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

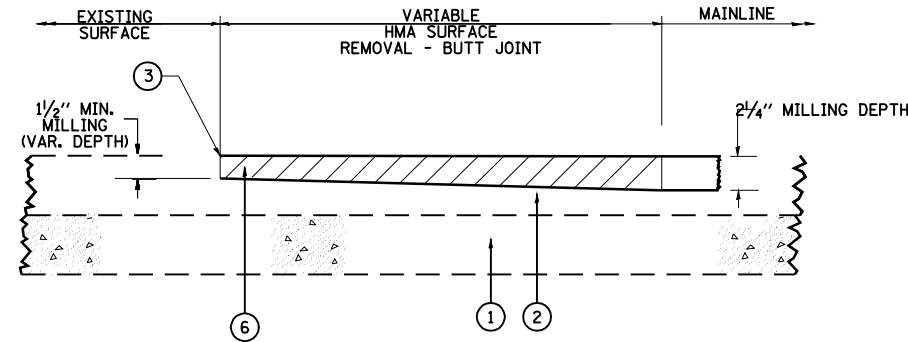
PLOT DATE = Jan-22-2009 08:44:39PM
 FILE NAME = c:\pva\work\pva\p1001\LAUHL\INR\adms24286\72795-ah\plan\plan_spruce.dgn
 PLOT SCALE = 42.3528' / IN.
 USER NAME = laughlinr1

BUTT JOINT AND RAMP DETAILS



BUTT JOINT "A" DETAIL


MAINLINE



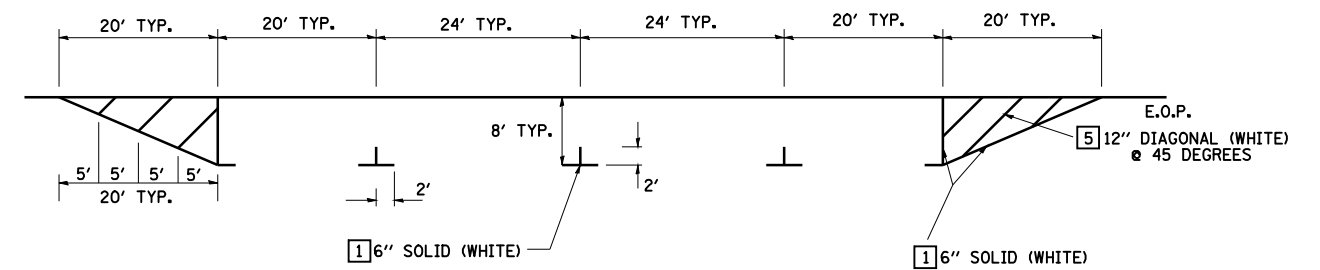
BUTT JOINT "B" DETAIL

SIDEROADS

LEGEND

-  DENOTES PROPOSED BITUMINOUS SURFACE REMOVAL
- ① EXISTING P.P.C. PAVEMENT
- ② EXISTING HMA SURFACE COURSE
- ②A EXISTING LEVELING BINDER
- ②B EXISTING HMA RESURFACING
- ③ PROPOSED SAW CUT (INCL. IN THE COST OF HMA SURF. REM.)
- ④ PROPOSED LEVELING BINDER (3/4")
- ⑤ PROPOSED HMA SURFACE COURSE (1 1/2")
- ⑥ PROPOSED INCIDENTAL HMA SURFACING

PARKING SPACE DETAILS



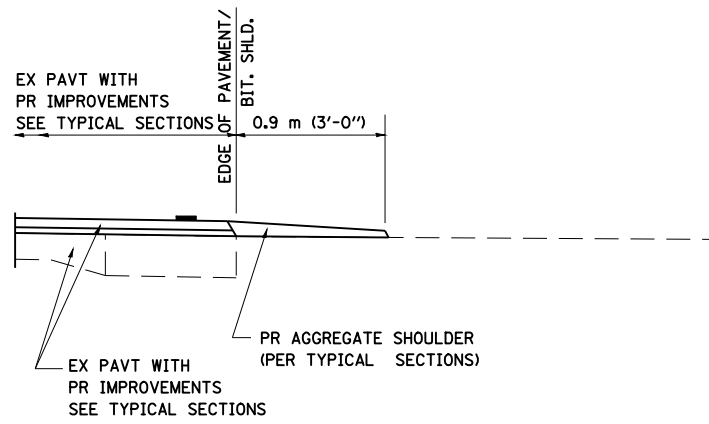
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

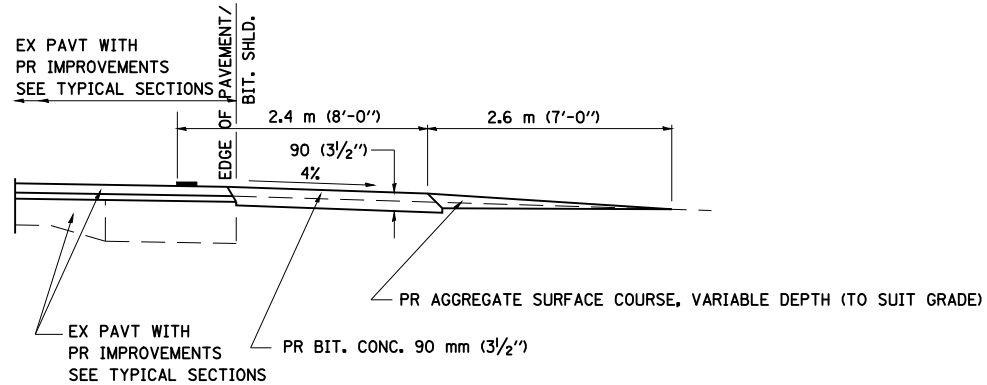
ROADWAY DETAILS

SCALE: NONE
DATE: 2/2004

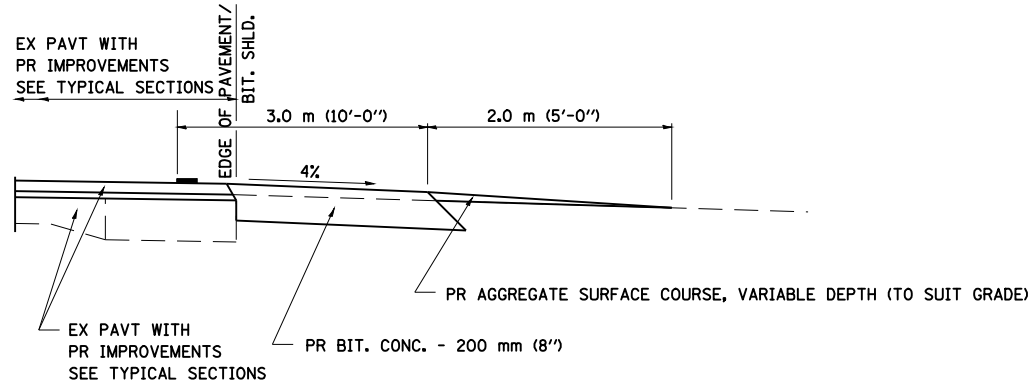
DRAWN BY: MLO
CHECKED BY: SJK



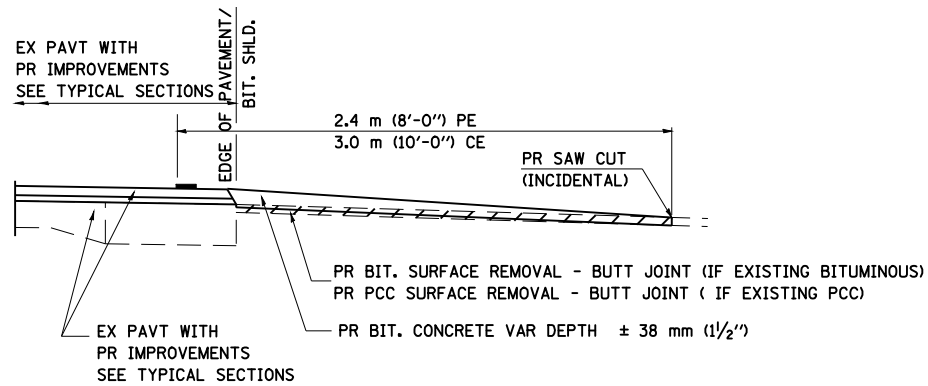
SECTION A-A FOR EX EARTH/AGGREGATE FE



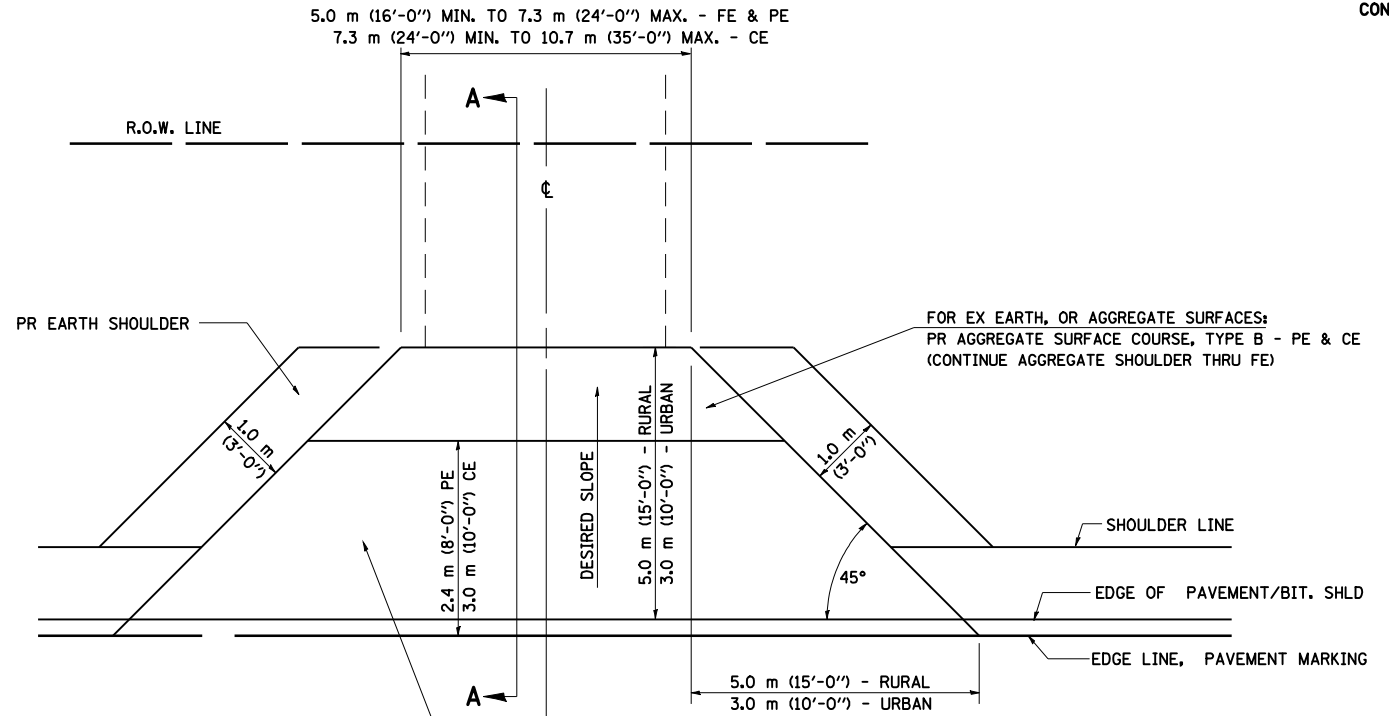
SECTION A-A FOR EX EARTH/AGGREGATE PE



SECTION A-A FOR EX EARTH/AGGREGATE CE & SIDE ROAD



SECTION A-A FOR EX BITUMINOUS/ PC CONCRETE PE, CE & SIDE ROAD



FOR EX EARTH OR AGGREGATE SURFACES:
PR BIT SURFACE REMOVAL (IF APPLICABLE)
PR AGGREGATE SHOULDER THRU - FE
PR BITUMINOUS CONCRETE 90 mm (3 1/2'') - PE
PR BITUMINOUS CONCRETE 200mm (8'') - CE

FOR EX BITUMINOUS CONCRETE SURFACES:
PR BITUMINOUS SURFACE REMOVAL-BUTT JOINT

FOR EX PCC SURFACES:
PR PCC SURFACE REMOVAL-BUTT JOINT

GENERAL NOTES:

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

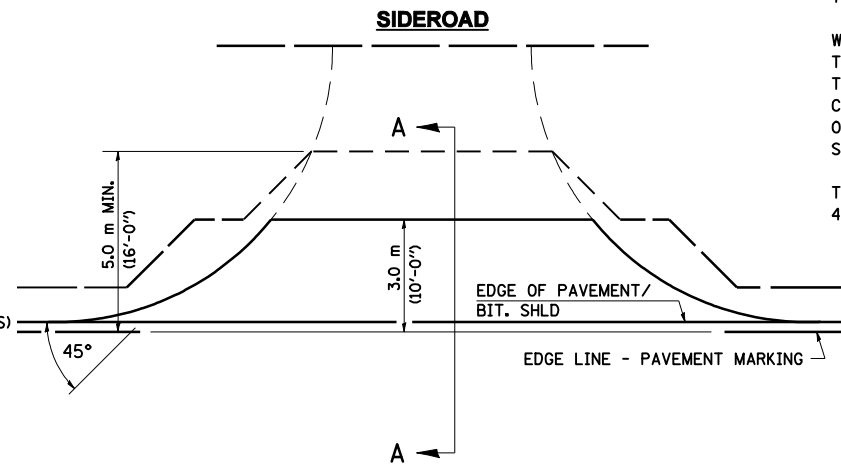
ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

BITUMINOUS CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE BITUMINOUS CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 75 mm (3 INCHES) AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF BITUMINOUS BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 50 mm (2 INCHES) SHALL MEET THE REQUIREMENTS OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES)
UNLESS OTHERWISE SHOWN.



NOTE : IF BIT. SHLDS ARE PROPOSED THEY SHOULD NOT EXTEND THROUGH SIDEROADS

REVISIONS	
NAME	DATE
JCN	2/19/03

SHEET 1 OF 4

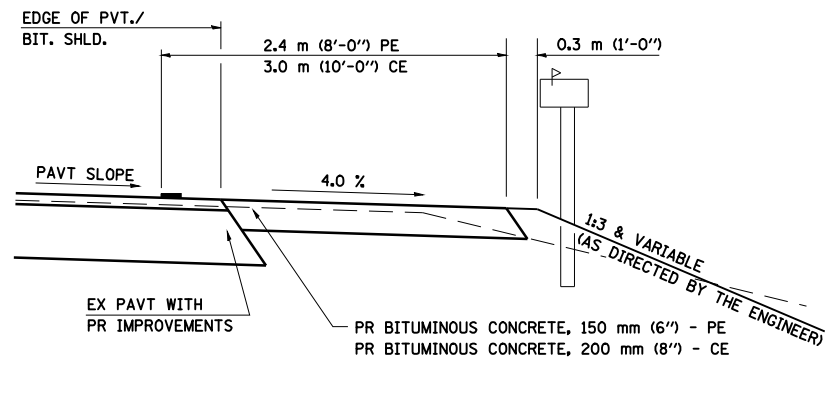
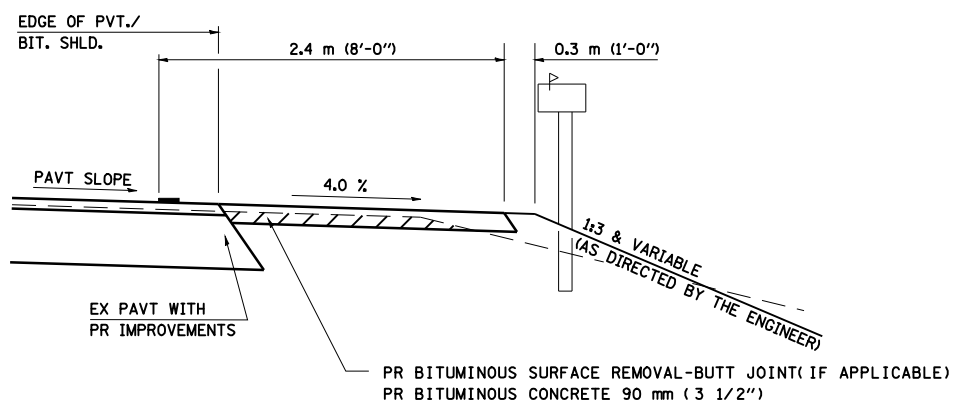
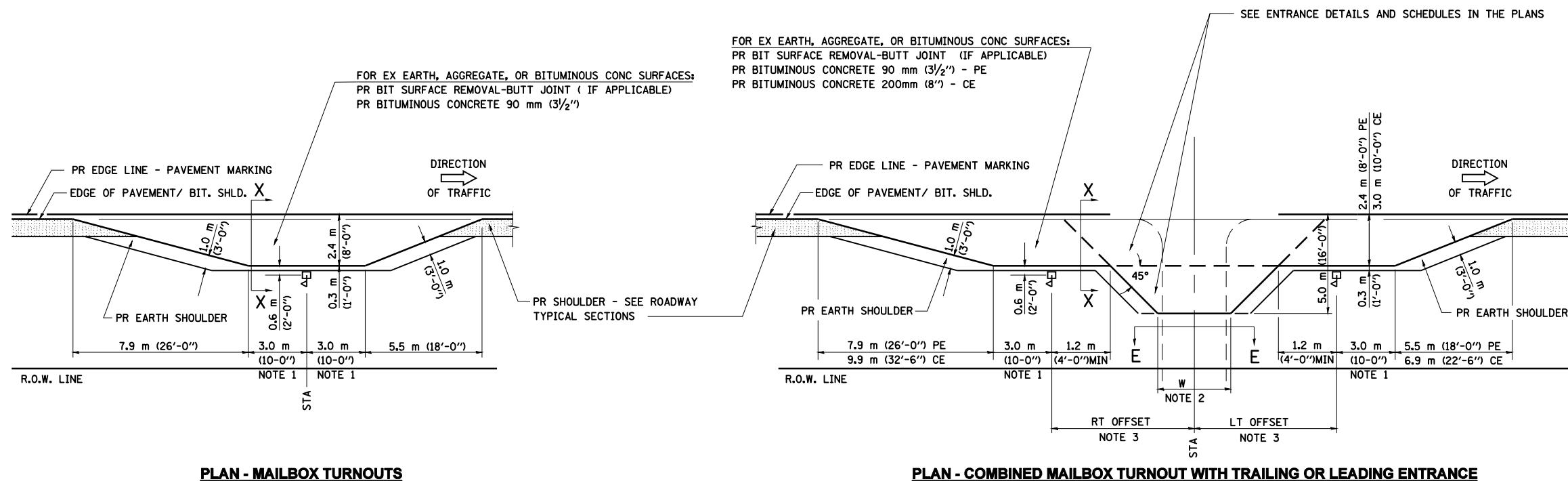
ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT SIX
DETAILS FOR RURAL / URBAN
ENTRANCE, MAILBOX TURNOUT
& SIDEROADS
W / O CONCRETE GUTTER
(PPP - PROJECTS)

SCALE: VERT.
HORIZ.
DATE: FEBRUARY 23, 1999

DRAWN BY CADD
CHECKED BY JCN

ct:\pw\work\p\m\DOT\LAUGH\INRL\dms24215\72795-Details.dgn
Jan-22-2003 01:44:22PM
*REF01

DETAILS OF MAILBOX TURNOUTS



- NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.
- NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.
- NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES)
UNLESS OTHERWISE SHOWN.

SHEET 2 OF 4

REVISIONS	
NAME	DATE
JCN	2/19/03

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT SIX
DETAILS FOR RURAL / URBAN
ENTRANCE, MAILBOX TURNOUT
& SIDEROADS
W / O CONCRETE GUTTER
(PPP - PROJECTS)

SCALE: VERT. DRAWN BY CADD
 HORIZ. CHECKED BY JCN
DATE: FEBRUARY 23, 1999

c:\pwwork\p\m\DOT\LAUGH\INR\dm24215\72795-Detail1a.dgn
Jan-22-2009 01:44:42PM
*REF01