

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	23RS-2	MCLEAN	37	1
ILLINOIS			CONTRACT NO. 70925	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

FAP ROUTE 693 (IL 9)
SECTION 23RS-2
RESURFACING (3P) COLD MILLING
EAST OF TOWANDA BARNES ROAD TO EAST OF IL 165
MCLEAN COUNTY

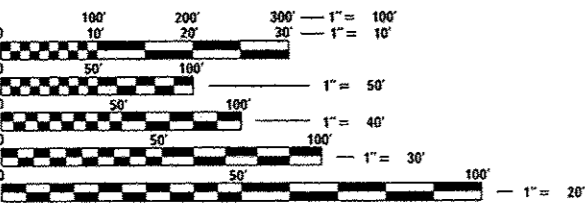
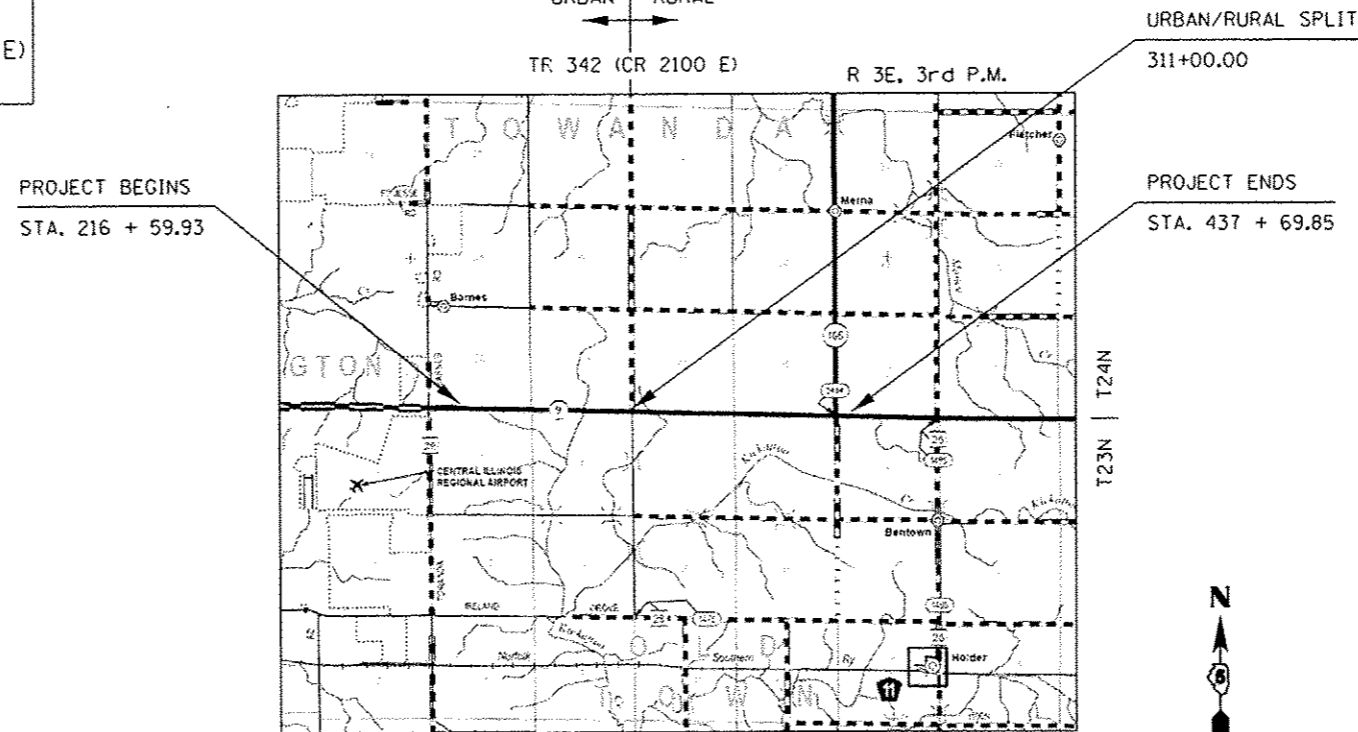
CURRENT ADT
FUNCTIONAL CLASSIFICATION: O.P.A.
F.A.P. 693 (IL 9) 2017 ADT

LEG "A"	LEG "B"
3600	3250

LEG "A" - FROM TOWANDA-BARNES RD TO TR 342 (CR 2100 E)
LEG "B" - FROM TR 342 TO IL 165 (CR 2100 E)

C-95-033-11
STP-0693(073)

URBAN | RURAL

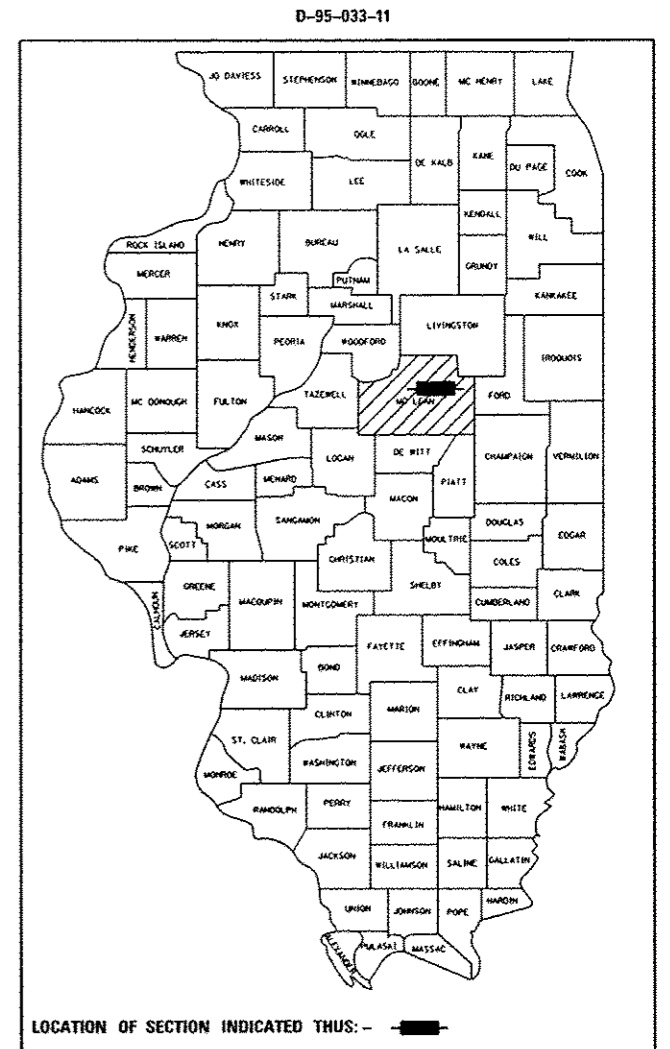


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811 TOWANDA AND OLD TOWN TOWNSHIPS

PROJECT ENGINEER: JASON STULTS, P.E.
SQUAD LEADER: RUSTIN KEYS, P.E.
DESIGNER: JOSEPH GRAZIANO, P.E.
PHONE NUMBER: (217)-465-4181
CONTRACT NO. 70925

GROSS LENGTH = 22109.92 FT. = 4.187 MILE
NET LENGTH = 22109.92 FT. = 4.187 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 21 2017
Reena A. James
REGIONAL ENGINEER

May 12 2017
Marcus M. Adis
ENGINEER OF DESIGN AND ENVIRONMENT

May 12 2017
Amelia O'Connell
DIRECTOR OF PROGRAM DEVELOPMENT

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, & GENERAL NOTES
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6	EXISTING & PROPOSED TYPICAL CROSS SECTION
7-10	SCHEDULE OF QUANTITIES
11	ALIGNMENTS, TIE POINTS, & BENCHMARKS
12-31	PLAN SHEETS
32-39	DETAILS

HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
642006	SHOULDER RUMBLE STRIPS, 8 IN.
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS \geq 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS \geq 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701901-06	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES

G.N.-100
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-100A
ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

G.N.-105.09A
ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

G.N.-406
THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

G.N.-406H
MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

Location	IL 9 & IL 165	IL 9	IL 9 & IL 165	IL 9
Mixture Use	Surface Course Pavement (top 1.5") Shoulders (top 1.5")	Incidental	Level Binder Pavement (bottom 0.75") Shoulders (bottom 0.75")	PD Patching
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
Design Air Voids	4.0% @ Ndes=50	4.0% @ Ndes=50	4.0% @ Ndes=50	4.0% @ Ndes=50
Mix Comp(Gradation)	IL 9.5	IL 9.5	IL 9.5 FG	IL 19.0
Friction Aggregate	Mix C	Mix C	Mix C	N.A.
Mixture Weight	112	112	112	112
Quality Management Program	QCP	QC/QA	QCP	QC/QA

G.N.- 442B - PATCHING SCHEDULES
THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF THE PARTIAL DEPTH PATCHES MAY OCCUR.

G.N.- 667
THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC'S, PT'S, AND PI'S). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR LAYOUT OF THESE MARKERS.

G.N.- 703A
SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (TACK COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

G.N.- 781
RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001 AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS, AND THE RAISED REFLECTIVE PAVEMENT MARKER SHALL BE PLACED MIDWAY IN THE 30 FOOT (9m) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).

NO COMMITMENTS

FILE NAME =	USER NAME = greziemoja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pm\11L284ESIDINTEG\11\inois.gov\PIW00T\0	ments\DOT Offices\Director\5\Projects\057	DATA\Design\0578925\shg-gennote.g	REVISED -			693	23RS-2	MCLEAN	2	2	
	PLOT SCALE = 40.0000 1/1 in.	CHECKED -	REVISED -			CONTRACT NO. 70925					
#MODELNAME#	PLOT DATE = 3/21/2017	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES

2231 222

LOCATION OF WORK:

FAP 693 (IL 9)
MCLEAN COUNTY
STA. 216+59.93 TO
STA. 311+00.00

FAP 693 (IL 9)
MCLEAN COUNTY
STA. 311+00.00 TO
STA. 437+69.85

FUNDING BREAKOUT:

✓ 80% FEDERAL
20% STATE
✓ URBAN 2 LANE
0005 ✓

✓ 80% FEDERAL
20% STATE
✓ RURAL 2 LANE
✓ 0005

CONSTRUCTION TYPE CODE:

CODE NO	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
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40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	50,347.0	21,241.0	29,106.0
40600627	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50	TON	2,719.0	1,148.0	1,571.0
40600990	TEMPORARY RAMP	SQ YD	220.0	132.0	88.0
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	5,437.0	2,296.0	3,141.0
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	555.0	350.0	205.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	156.0	98.0	58.0
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	74,397.0	31,467.0	42,930.0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2,693.0	1,131.0	1,562.0
48203100	HOT-MIX ASPHALT SHOULDERS	TON	1,245.0	522.0	723.0
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	41,365.0	17,217.0	24,148.0
67100100	MOBILIZATION	L SUM	1.0	0.4	0.6
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.0	0.4	0.6
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0	0.4	0.6
70300100	SHORT TERM PAVEMENT MARKING	FOOT	8,102.0	3,305.0	4,797.0

1-1 * SPECIALTY ITEM

SUMMARY OF QUANTITIES

LOCATION OF WORK:

FAP 693 (IL 9)
MCLEAN COUNTY
STA. 216+59.93 TO
STA. 311+00.00

FAP 693 (IL 9)
MCLEAN COUNTY
STA. 311+00.00 TO
STA. 437+69.85

FUNDING BREAKOUT:

80% FEDERAL
20% STATE
URBAN 2 LANE
0005

80% FEDERAL
20% STATE
RURAL 2 LANE
0005

CONSTRUCTION TYPE CODE:

CODE NO	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
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70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	901.0	368.0	533.0
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	53,478.0	22,560.0	30,918.0
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	148.0	0.0	148.0
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	76.0	0.0	76.0
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	29.0	0.0	29.0
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	148.0	0.0	148.0
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	76.0	0.0	76.0
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	29.0	0.0	29.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	53,478.0	22,560.0	30,918.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	281.0	119.0	162.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	281.0	119.0	162.0
X4406285	PARTIAL DEPTH REMOVAL, TYPE II, 8.5"	SQ YD	501.0	243.0	258.0
X4406300	PARTIAL DEPTH REMOVAL, TYPE II, 10"	SQ YD	76.0	0.0	76.0
X4406485	PARTIAL DEPTH REMOVAL, TYPE III, 8.5"	SQ YD	35.0	35.0	0.0

* SPECIALTY ITEM

SUMMARY OF QUANTITIES

LOCATION OF WORK:

FAP 693 (IL 9)
MCLEAN COUNTY
STA. 216+59.93 TO
STA. 311+00.00

FAP 693 (IL 9)
MCLEAN COUNTY
STA. 311+00.00 TO
STA. 437+69.85

FUNDING BREAKOUT:

80% FEDERAL
20% STATE
URBAN 2 LANE
0005

80% FEDERAL
20% STATE
RURAL 2 LANE
0005

CONSTRUCTION TYPE CODE:

CODE NO	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
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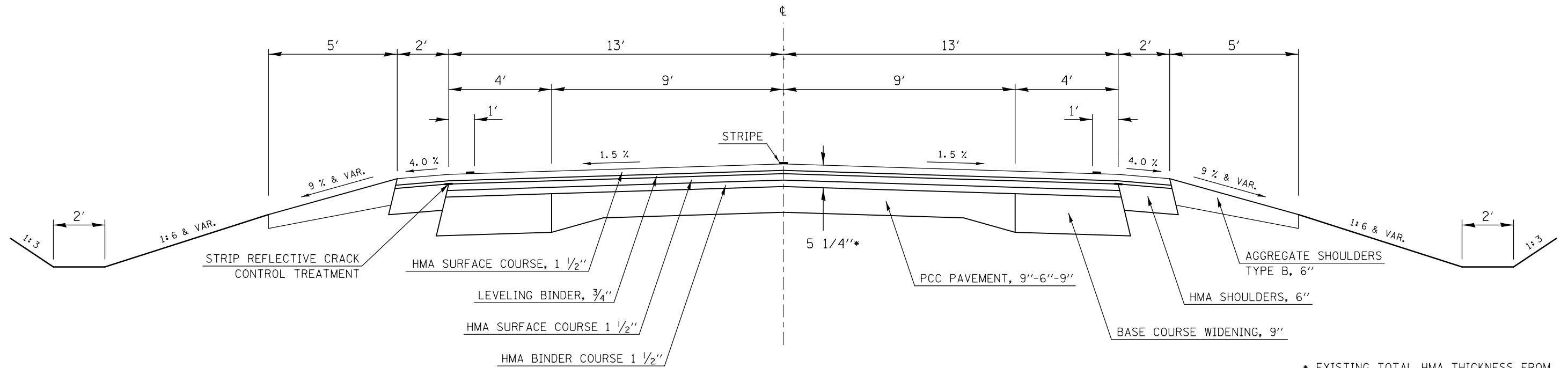
X4406685	PARTIAL DEPTH REMOVAL, TYPE IV, 8.5"	SQ YD	45.0	45.0	0.0
X4421000	PARTIAL DEPTH PATCHING	TON	319.0	154.0	165.0
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	148.0	0.0	148.0
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	76.0	0.0	76.0
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	29.0	0.0	29.0
XZ193400	SURVEY MARKER, TYPE 2 (SPECIAL)	EACH	9.0	4.0	5.0
Z0004542	HOT-MIX ASPHALT REMOVAL (SPECIAL)	SQ YD	1,233.0	777.0	456.0
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.0	0.4	0.6
Z0070202	SURVEY MARKER VAULT	EACH	16.0	7.0	9.0

9

* SPECIALTY ITEM

EXISTING TYPICAL CROSS SECTION

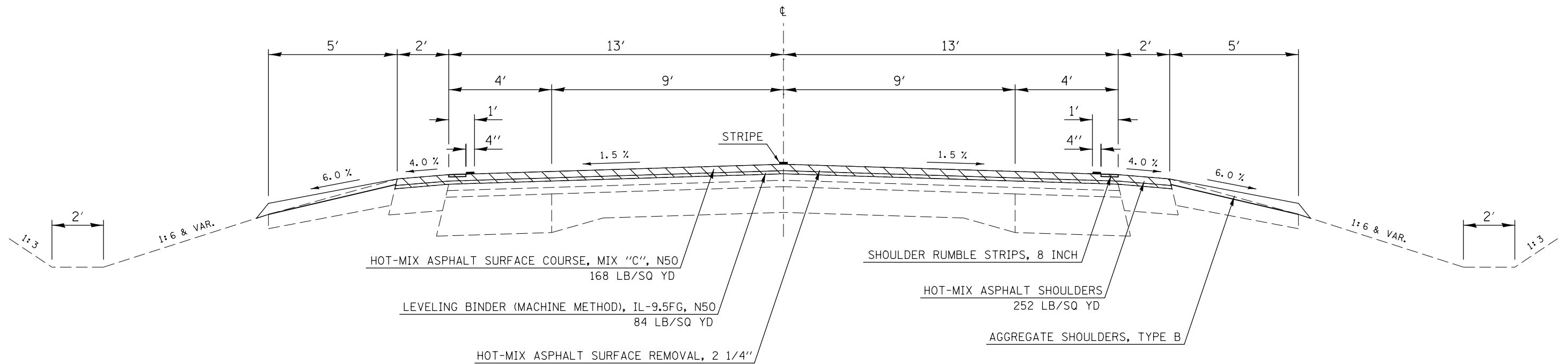
STATION TO STATION
216+59.93 437+69.85



* EXISTING TOTAL HMA THICKNESS FROM STA. 329+26.80 TO 348+27.60 IS 6 3/4".

PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
216+59.93 437+69.85



FILE NAME =	USER NAME = grazianoja	DESIGNED -	REVISED - -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL CROSS SECTION	F.A.P. RTE. 693	SECTION 23RS-2	COUNTY MCLEAN	TOTAL SHEETS 6	SHEET NO. 6	
						CONTRACT NO. 70925					
						ILLINOIS FED. AID PROJECT					
						SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.					

SCHEDULE OF QUANTITIES

HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"

LOCATION		LENGTH	WIDTH	44000158 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	
STATION	to STATION	FT	FT	SQ YD	
URBAN					
RT	216+59.93	311+00.00	9,440.07	15.00	15,733.45
LT	216+59.93	311+00.00	9,440.07	15.00	15,733.45
URBAN TOTAL					31,466.90
URBAN ROUNDED					31,467.0
RURAL					
RT	311+00.00	437+69.85	12,669.85	15.00	21,116.42
LT	311+00.00	437+69.85	12,669.85	15.00	21,116.42
IL 165	65+15.00	66+32.71	117.71	VARIES	696.76
RURAL TOTAL					42,929.59
RURAL ROUNDED					42,930.0
TOTAL PLAN QTY					74,397.0

BITUMINOUS MATERIALS (TACK COAT)

LOCATION		LENGTH	WIDTH	AREA	RATE	RATE	40600290 BITUMINOUS MATERIALS (TACK COAT)	
STATION	to STATION	FT	FT	SQ FT	LB/SQ FT	LB/SQ FT	POUND	
URBAN								
RT	216+59.93	311+00.00	9,440.07	15.00	141,601.05	0.05	0.025	10,620.08
LT	216+59.93	311+00.00	9,440.07	15.00	141,601.05	0.05	0.025	10,620.08
URBAN TOTAL								21,240.16
URBAN ROUNDED								21,241.0
RURAL								
RT	311+00.00	437+69.85	12,669.85	15.00	190,047.75	0.05	0.025	14,253.58
LT	311+00.00	437+69.85	12,669.85	15.00	190,047.75	0.05	0.025	14,253.58
IL 165	65+15.00	66+32.71	117.71	VARIES	7,971.88	0.05	0.025	597.89
RURAL TOTAL								29,105.05
RURAL ROUNDED								29,106.0
TOTAL PLAN QTY								50,347.0

BINDER AND SURFACE COURSE

LOCATION		LENGTH	WIDTH	AREA	LEVELING BINDER THICKNESS	HMA SURFACE COURSE THICKNESS	40600627 LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50	40603310 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
STATION	to STATION	FT	FT	SQ FT	INCH	INCH	TON	TON
URBAN								
RT	216+59.93	310+46.33	9,386.40	13.00	122,023.20	0.75	1.50	569.44
RT	310+46.33	311+00.00	53.67	15.00	805.05	0.75	1.50	3.76
LT	216+59.93	217+89.77	129.84	15.00	1,947.60	0.75	1.50	9.09
LT	217+89.77	310+28.08	9,238.31	13.00	120,098.03	0.75	1.50	560.46
LT	310+28.08	311+00.00	71.92	15.00	1,078.80	0.75	1.50	5.03
URBAN TOTAL							1,147.78	2,295.56
URBAN ROUNDED							1,148.0	2,296.0
RURAL								
RT	311+00.00	311+09.66	9.66	15.00	144.90	0.75	1.50	0.68
RT	311+09.66	416+42.64	10,532.98	13.00	136,928.74	0.75	1.50	639.00
RT	416+42.64	418+02.52	159.88	15.00	2,398.20	0.75	1.50	11.19
RT	418+02.52	437+69.85	1,967.33	13.00	25,575.29	0.75	1.50	119.35
LT	311+00.00	311+01.97	1.97	15.00	29.55	0.75	1.50	0.14
LT	311+01.97	415+93.16	10,491.19	13.00	136,385.47	0.75	1.50	636.47
LT	415+93.16	418+06.87	213.71	15.00	3,205.65	0.75	1.50	14.96
LT	418+06.87	437+69.85	1,962.98	13.00	25,518.74	0.75	1.50	119.09
IL 165	65+15.00	66+32.71	117.71	VARIES	6,270.83	0.75	1.50	29.26
RURAL TOTAL							1,570.13	3,140.27
RURAL ROUNDED							1,571.0	3,141.0
TOTAL PLAN QTY							2,719.0	5,437.0

ENTRANCES

LOCATION		AREA	THICKNESS	TACK COAT APPLICATION RATE	Z0004542 HOT-MIX ASPHALT REMOVAL (SPECIAL)	40800029 BITUMINOUS MATERIALS (TACK COAT)	40800050 INCIDENTAL HOT-MIX ASPHALT SURFACING
STATION	ENTRANCE	SQ YD	INCH	LB/SQ YD	SQ YD	POUND	TON
URBAN							
LT	232+97	C.E. (HMA)	53.01	2.25	0.05	53.01	6.68
RT	240+52	P.E. (HMA)	47.31	2.25	0.05	47.31	5.96
LT	243+41	P.E. (HMA)	33.55	2.25	0.05	33.55	4.23
RT	243+47	MBTO	13.00	2.25	0.05	13.00	1.64
LT	246+77	P.E. (HMA)	29.70	2.25	0.05	29.70	3.74
RT	246+89	MBTO	13.00	2.25	0.05	13.00	1.64
RT	256+16	MBTO	14.22	2.25	0.05	14.22	1.79
LT	256+23	P.E. (HMA)	33.52	2.25	0.05	33.52	4.22
RT	259+51	P.E./MBTO(HMA)	42.75	2.25	0.05	42.75	5.39
RT	267+77	P.E./MBTO(HMA)	44.48	2.25	0.05	44.48	5.60
RT	269+84	MBTO	14.07	2.25	0.05	14.07	1.77
LT	269+97	P.E. (HMA)	30.00	2.25	0.05	30.00	3.78
RT	279+28	P.E. (HMA)	31.80	2.25	0.05	31.80	4.01
RT	280+50	P.E./MBTO(HMA)	34.51	2.25	0.05	34.51	4.35
LT	280+58	P.E. (HMA)	28.87	2.25	0.05	28.87	3.64
LT	288+45	P.E. (HMA)	33.50	2.25	0.05	33.50	4.22
RT	289+53	MBTO	14.93	2.25	0.05	14.93	1.88
LT	289+90	P.E. (HMA)	34.14	2.25	0.05	34.14	4.30
RT	294+82	P.E./MBTO(HMA)	40.06	2.25	0.05	40.06	5.05
LT	310+70	C.R. N 2100 E	104.02	2.25	0.05	104.02	13.11
RT	310+79	C.R. N 2100 E	85.70	2.25	0.05	85.70	10.80
URBAN TOTAL					776.13	349.26	97.79
URBAN ROUNDED					777.0	350.0	98.0
RURAL							
RT	320+53	P.E./MBTO(HMA)	45.27	2.25	0.05	45.27	5.70
RT	340+08	C.E. (HMA)	65.91	2.25	0.05	65.91	8.30
LT	400+66	P.E. (HMA)	55.49	2.25	0.05	55.49	6.99
RT	400+90	MBTO	12.38	2.25	0.05	12.38	1.56
RT	417+25	C.R. 2300 E	276.15	2.25	0.05	276.15	34.79
RURAL TOTAL					455.20	204.84	57.35
RURAL ROUNDED					456.0	205.0	58.0
TOTAL PLAN QTY					1,233.0	555.0	156.0

SCHEDULE OF QUANTITIES

RAISED REFLECTIVE PAVEMENT MARKER

LOCATION		78100100	78300200
		RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
STATION	to STATION	EACH	EACH
URBAN			
CL	216+59.93	311+00.00	119.00
URBAN TOTAL		119.00	119.00
URBAN ROUNDED		119.0	119.0
RURAL			
CL	311+00.00	437+69.85	159.37
IL 165 CL	65+29.00	66+32.71	2.00
RURAL TOTAL		161.37	161.37
RURAL ROUNDED		162.0	162.0
TOTAL PLAN		281.0	281.0

TEMPORARY RAMPS

LOCATION		LENGTH	WIDTH	THICKNESS	40600990
					TEMPORARY RAMP
STATION	FT	FT	INCH	SQ YD	
URBAN					
RT	216+59.93	7.50	15.00	2.25	12.50
RT	216+59.93	5.00	15.00	1.50	8.33
LT	216+59.93	7.50	15.00	2.25	12.50
LT	216+59.93	5.00	15.00	1.50	8.33
LT	217+29.00	2.00	130.15	2.25	28.92
LT	217+29.00	2.00	130.15	1.50	28.92
C.R. 2100N	34+59.23	7.50	16.5	2.25	13.75
C.R. 2100N	40+38.39	7.50	22.03	2.25	18.36
URBAN TOTAL					131.62
URBAN ROUNDED					132.0
RURAL					
IL 165	64+44.25	7.50	31.66	2.25	26.38
IL 165	66+32.71	7.50	23.78	2.25	19.82
RT	437+69.85	7.50	15.00	2.25	12.50
RT	437+69.85	5.00	15.00	1.50	8.33
LT	437+69.85	7.50	15.00	2.25	12.50
LT	437+69.85	5.00	15.00	1.50	8.33
RURAL TOTAL					87.87
RURAL ROUNDED					88.0
TOTAL PLAN QTY					220.0

HOT-MIX ASPHALT SHOULDERS

LOCATION		LENGTH	WIDTH	AREA	THICKNESS	48203100
						HOT-MIX ASPHALT SHOULDERS
STATION	to STATION	FT	FT	SQ FT	INCH	TON
URBAN						
RT	216+59.93	310+46.33	9,386.40	2.00	18,772.80	262.82
LT	217+89.77	310+28.08	9,238.31	2.00	18,476.62	258.67
URBAN TOTAL						521.49
URBAN ROUNDED						522.0
RURAL						
RT	311+09.66	416+42.64	10,532.98	2.00	21,065.96	294.92
RT	418+02.52	437+69.85	1,967.33	2.00	3,934.66	55.09
LT	311+01.97	415+93.02	10,491.05	2.00	20,982.09	293.75
IL 165 SB	415+93.02	66+21.83	181.30	5' & variable	928.27	13.00
IL 165 NB	418+06.87	66+32.71	156.43	5' & variable	772.78	10.82
LT	418+06.87	437+69.85	1,962.98	2.00	3,925.96	54.96
RURAL TOTAL						722.54
RURAL ROUNDED						723.0
TOTAL PLAN QTY						1,245.0

AGGREGATE SHOULDERS, TYPE B

LOCATION		LENGTH	WIDTH	48101200
				AGGREGATE SHOULDERS, TYPE B
STATION	to STATION	FT	FT	TON
URBAN				
RT	216+59.93	240+32.04	2,372.11	5.00
RT	240+68.81	240+84.88	16.07	1.36
RT	240+84.88	243+36.03	251.15	5.00
RT	243+36.03	243+57.44	21.41	1.20
RT	243+57.44	246+80.67	323.23	5.00
RT	246+80.67	246+97.28	16.61	1.10
RT	246+97.28	256+04.20	906.92	5.00
RT	256+04.20	256+27.70	23.50	1.30
RT	256+27.70	259+13.13	285.43	5.00
RT	259+13.13	259+32.53	19.40	2.00
RT	259+64.27	267+34.14	769.87	5.00
RT	267+34.14	267+59.75	25.61	2.08
RT	267+91.04	269+71.19	180.15	5.00
RT	269+71.19	269+95.69	23.90	1.50
RT	269+95.69	279+14.68	918.99	5.00
RT	279+43.12	280+37.98	94.86	5.00
RT	280+62.46	280+80.43	17.97	1.85
RT	280+80.43	289+38.02	857.59	5.00
RT	289+38.02	289+67.41	29.39	1.04
RT	289+67.41	294+66.95	499.54	5.00
RT	294+96.06	295+12.64	16.58	1.56
RT	295+12.64	310+46.82	1,534.18	5.00
RT	310+46.82	310+71.94	36.30	2.00
RT	310+88.44	311+00.00	23.24	2.00
LT	217+89.27	232+71.95	1,482.68	5.00
LT	233+18.82	243+26.07	1,007.25	5.00
LT	243+55.99	246+63.68	307.69	5.00
LT	246+90.45	256+06.20	915.75	5.00
LT	256+36.40	269+82.59	1,346.19	5.00
LT	270+09.74	280+44.58	1,034.84	5.00
LT	280+70.74	288+29.89	759.15	5.00
LT	288+60.30	289+73.85	113.55	5.00
LT	290+04.66	310+28.32	2,023.66	5.00
LT	310+28.32	310+57.98	36.41	2.00
URBAN TOTAL				1130.01
URBAN ROUNDED				1131.0
RURAL				
RT	311+00.00	311+09.59	9.59	2
RT	311+09.59	320+09.23	899.64	5.00
RT	320+09.23	320+38.31	29.08	1.12
RT	320+66.81	339+76.59	1,909.78	5.00
RT	340+35.71	400+79.81	6,044.10	5.00
RT	400+79.81	401+00.36	20.55	1.57
RT	401+00.36	416+43.14	1,542.78	5.00
RT	416+43.14	417+10.20	82.88	2.00
RT	417+10.20	418+02.12	78.21	2.00
RT	418+02.05	437+69.85	1,967.80	5.00
LT	311+00.00	311+01.89	1.89	2.00
LT	311+01.89	400+38.06	8,936.17	5.00
LT	400+88.81	415+93.11	1,504.30	5.00
LT	415+93.11	417+09.60	181.21	2.00
LT	417+38.46	418+06.52	144.43	2.00
LT	418+06.52	437+69.85	1,963.33	5.00
RURAL TOTAL				1561.44
RURAL ROUNDED				1562.0
TOTAL PLAN QTY				2693.0

SHOULDER RUMBLE STRIPS, 8"

LOCATION		64200108
		SHOULDER RUMBLE STRIPS, 8"
STATION	to STATION	FT
URBAN		
RT	216+59.93	224+14.93
RT	224+42.05	240+23.59
RT	240+94.14	243+16.04
RT	243+70.38	246+60.60
RT	247+16.98	255+88.56
RT	256+44.68	258+97.28
RT	259+72.69	262+36.00
RT	262+67.59	267+17.27
RT	267+99.36	269+55.07
RT	270+12.54	275+44.85
RT	275+74.02	279+07.35
RT	279+51.09	280+30.21
RT	280+92.73	281+86.52
RT	282+13.83	289+28.42
RT	289+77.09	291+20.86
RT	291+47.67	294+57.49
RT	295+28.90	295+85.21
RT	296+12.50	309+15.69
RT	309+45.05	310+41.38
LT	217+94.77	232+59.40
LT	233+28.81	243+17.26
LT	243+63.70	246+54.86
LT	247+00.29	255+97.47
LT	256+45.17	262+67.22
LT	263+02.16	269+73.39
LT	270+18.51	274+32.76
LT	274+66.40	280+35.14
LT	280+79.77	286+86.35
LT	287+16.00	288+21.92
LT	288+69.18	289+65.12
LT	290+12.36	306+12.54
LT	306+36.50	310+23.03
URBAN TOTAL		17,216.94
URBAN ROUNDED		17,217.0
RURAL		
RT	311+14.70	312+92.94
RT	313+21.78	319+89.53
RT	320+76.08	336+46.27
RT	336+76.21	339+67.69
RT	340+43.75	354+20.34
RT	354+46.93	377+46.51
RT	377+87.04	381+15.84
RT	381+45.66	400+37.08
RT	401+13.00	416+37.70
RT	418+07.57	434+81.70
RT	435+09.46	437+69.85
LT	311+06.92	313+82.97
LT	314+08.40	345+23.43
LT	345+48.64	347+26.18
LT	347+58.12	357+18.92
LT	357+54.59	363+58.29
LT	363+87.97	364+08.44
LT	364+37.01	375+00.06
LT	375+34.32	384+89.42
LT	385+24.14	400+29.05
LT	400+97.89	415+88.11
LT	418+11.85	430+47.76
LT	430+88.37	437+69.85
RURAL TOTAL		24,147.53
RURAL ROUNDED		24,148.0
TOTAL PLAN QTY		41,365.0

SCHEDULE OF QUANTITIES

SHORT TERM PAVEMENT MARKING

DIRECTION/ LOCATION	TYPE	COLOR	STATION	to	STATION	LENGTH	70300100	70300150
							SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL
						FT	FT	SQ FT
URBAN								
CL	DOUBLE SKIP DASH	YELLOW	216+59.93		223+95.00	735.07	441.04	49.00
CL	SKIP DASH	YELLOW	223+95.00		298+50.00	7,455.00	2,236.50	248.50
CL	DOUBLE SKIP DASH	YELLOW	298+50.00		305+70.00	720.00	432.00	48.00
CL	SKIP DASH	YELLOW	305+70.00		309+80.00	410.00	123.00	13.67
CL	DOUBLE SKIP DASH	YELLOW	309+80.00		311+00.00	120.00	72.00	8.00
URBAN TOTAL							3,304.54	367.17
URBAN ROUNDED							3,305.0	368.0
RURAL								
CL	DOUBLE SKIP DASH	YELLOW	311+00.00		317+25.00	625.00	375.00	41.67
CL	SKIP DASH	YELLOW	317+25.00		349+20.00	3,195.00	958.50	106.50
CL	DOUBLE SKIP DASH	YELLOW	349+20.00		357+35.00	815.00	489.00	54.33
CL	SKIP DASH	YELLOW	357+35.00		359+50.00	215.00	64.50	7.17
CL	DOUBLE SKIP DASH	YELLOW	359+50.00		367+50.00	800.00	480.00	53.33
CL	SKIP DASH	YELLOW	367+50.00		437+69.85	7,019.85	2,105.96	234.00
CL IL 165	DOUBLE SKIP DASH	YELLOW	65+29.00		66+32.71	103.71	62.23	6.91
SB IL 165	11' STOP BAR	WHITE	65+27.00		n/a	33.00	99.00	11.00
RTL IL 165	18' STOP BAR	WHITE	65+38.00		n/a	54.00	162.00	18.00
RURAL TOTAL							4,796.18	532.91
RURAL ROUNDED							4,797.0	533.0
TOTAL PLAN QTY							8,102.0	901.0

PAINT PAVEMENT MARKING - LINE 4"

DIRECTION/ LOCATION	TYPE	COLOR	STATION	to	STATION	78001110
						PAINT PAVEMENT MARKING - LINE 4"
						FT
URBAN						
EB	EOP LINE	WHITE	216+59.93		310+46.37	9,386.44
WB	EOP LINE	WHITE	217+89.73		310+28.03	9,238.30
CL	SKIP DASH	YELLOW	216+59.93		311+00.00	2,360.02
WB	SINGLE NO PASSING LINE	YELLOW	216+59.93		223+95.00	735.07
EB	SINGLE NO PASSING LINE	YELLOW	298+50.00		305+70.00	720.00
WB	SINGLE NO PASSING LINE	YELLOW	309+80.00		311+00.00	120.00
URBAN TOTAL						22,559.83
URBAN ROUNDED						22,560.0
RURAL						
EB	EOP LINE	WHITE	311+09.70		416+42.70	10533.00
EB	EOP LINE	WHITE	418+02.57		437+69.85	1967.28
WB	EOP LINE	WHITE	311+01.92		415+93.16	10491.24
WB	EOP LINE	WHITE	417+90.90		437+69.85	1978.95
CL	SKIP DASH	YELLOW	311+00.00		437+69.85	3167.46
WB	SINGLE NO PASSING LINE	YELLOW	311+00.00		317+25.00	625.00
EB	SINGLE NO PASSING LINE	YELLOW	349+20.00		357+35.00	815.00
WB	SINGLE NO PASSING LINE	YELLOW	359+50.00		367+50.00	800.00
IL 165 SB	EOP LINE	WHITE	415+93.16		66+32.71	192.18
IL 165 NB	EOP LINE	WHITE	417+90.90		66+32.71	140.46
IL 165 CL	DOUBLE NO PASSING LINE	YELLOW	65+29.00		66+32.71	207.42
RURAL TOTAL						30,917.99
RURAL ROUNDED						30,918.0
TOTAL PLAN QTY						53,478.0

THERMOPLASTIC PAVEMENT MARKING

DIRECTION/ LOCATION	TYPE	COLOR	STATION	to	STATION	78000400	X7830074	78000600	X7830078	78000650	X7830090
						THERMOPLASTIC PAVEMENT MARKING - LINE 6"	GROOVING FOR RECESSED PAVEMENT MARKING 7"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	GROOVING FOR RECESSED PAVEMENT MARKING 13"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	GROOVING FOR RECESSED PAVEMENT MARKING 25"
						FT	FT	FT	FT	FT	FT
RURAL											
IL 165	EDGE LINE FOR ISLAND	WHITE	65+12.00		65+50.00	147.45	147.45	0.00	0.00	0.00	0.00
IL 165	HATCHING FOR ISLAND	WHITE	65+12.00		65+50.00	0.00	0.00	75.45	75.45	0.00	0.00
SB IL 165	STOP BAR	WHITE	65+27.00		n/a	0.00	0.00	0.00	0.00	11.00	11.00
RTL IL 165	STOP BAR	WHITE	65+28.00		n/a	0.00	0.00	0.00	0.00	18.00	18.00
RURAL TOTAL						147.45	147.45	75.45	75.45	29.00	29.00
RURAL ROUNDED						148.0	148.0	76.0	76.0	29.0	29.0
TOTAL PLAN QTY						148.0	148.0	76.0	76.0	29.0	29.0

NOTE: TEMPORARY PAVEMENT MARKING SHALL BE UTILIZED WHEN AUTHORIZED BY THE ENGINEER
PLACEMENT SHALL MATCH THE PERMANENT PAVEMENT MARKING LOCATIONS.

SURVEY MARKER, TYPE II (SPECIAL)

LOCATION		XZ193400
STATION	OFFSET	EACH
URBAN		
204+00.00	CL 0.000	1
242+00.03	CL 0.000	1
267+58.69	LT 0.010	1
305+99.51	CL 0.000	1
URBAN TOTAL		4
URBAN ROUNDED		4
RURAL		
336+62.67	LT 0.026	1
358+30.07	LT 0.023	1
376+00.02	CL 0.000	1
431+00.35	CL 0.000	1
474+00.17	CL 0.000	1
RURAL TOTAL		5
RURAL ROUNDED		5
TOTAL PLAN QTY		9

SURVEY MARKER VAULT

LOCATION		Z0070202
STATION	OFFSET	EACH
URBAN		
230+72.32	RT 2.433	1
231+07.89	RT 2.541	1
257+36.28	RT 8.478	1
257+71.51	RT 8.474	1
284+00.73	RT 10.314	1
284+40.36	RT 10.748	1
310+69.54	RT 14.073	1
URBAN TOTAL		7
URBAN ROUNDED		7
RURAL		
311+02.49	RT 14.125	1
337+33.40	RT 14.217	1
337+69.02	RT 14.245	1
363+97.35	RT 14.065	1
364+36.81	RT 14.029	1
390+58.07	RT 8.565	1
391+00.94	RT 8.459	1
417+24.64	LT 1.060	1
417+64.35	LT 1.095	1
RURAL TOTAL		9
RURAL ROUNDED		9
TOTAL PLAN QTY		16

SCHEDULE OF QUANTITIES

PARTIAL DEPTH PATCHING

LOCATION	STATION	LENGTH	WIDTH	AREA	X4406285	X4406300	X4406485	X4406685	X4421000
					PARTIAL DEPTH REMOVAL, TYPE II, 8.5"	PARTIAL DEPTH REMOVAL, TYPE II, 10"	PARTIAL DEPTH REMOVAL, TYPE III, 8.5"	PARTIAL DEPTH REMOVAL, TYPE IV, 8.5"	PARTIAL DEPTH PATCH
					(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	TON
					(FT)	(FT)	(SQ YD)	(SQ YD)	TON
URBAN									
RT	EB	216+60	100	4	44.44	0	0	44.44	21.16
RT	EB LANE	228+30	12	13	17.33	0	17.33	0	8.25
RT	EB LANE	234+30	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	235+31	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	239+85	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	247+21	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	248+17	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	254+38	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	271+28	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	280+02	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	281+25	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	284+46	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	288+05	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	288+75	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	289+59	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	290+46	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	291+32	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	292+54	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	297+61	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	299+37	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	299+95	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	301+55	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	301+93	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	302+20	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	309+27	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	216+91	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	228+30	12	13	17.33	0.00	17.33	0	8.25
LT	WB LANE	234+30	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	235+31	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	239+85	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	247+21	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	254+38	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	255+71	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	262+59	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	271+28	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	274+95	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	278+36	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	281+25	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	286+60	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	288+05	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	291+32	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	292+54	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	299+37	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	299+95	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	301+55	4	13	5.78	5.78	0	0	2.75
URBAN TOTAL					242.67	0	34.67	44.44	153.17
URBAN ROUNDED					243.0	0.0	35.0	45.0	154.00

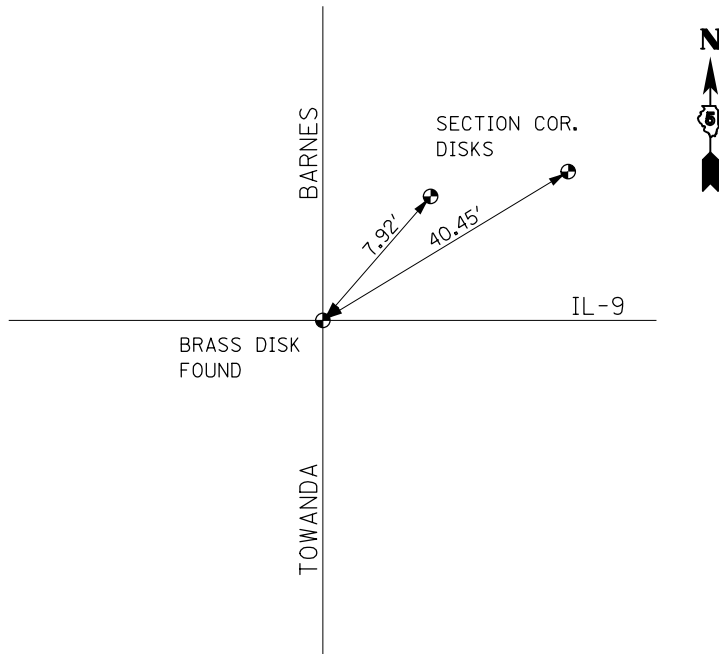
*Shoulder repair, 216+59.93 to 217+59.93

PARTIAL DEPTH PATCHING

LOCATION	STATION	LENGTH	WIDTH	AREA	X4406285	X4406300	X4406485	X4406685	X4421000
					PARTIAL DEPTH REMOVAL, TYPE II, 8.5"	PARTIAL DEPTH REMOVAL, TYPE II, 10"	PARTIAL DEPTH REMOVAL, TYPE III, 8.5"	PARTIAL DEPTH REMOVAL, TYPE IV, 8.5"	PARTIAL DEPTH PATCH
					(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	TON
					(FT)	(FT)	(SQ YD)	(SQ YD)	TON
RURAL									
RT	EB LANE	311+89	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	312+87	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	316+08	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	320+57	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	322+68	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	324+07	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	329+39	8	13	11.56	0.00	11.56	0	6.47
RT	EB LANE	332+62	4	13	5.78	0.00	5.78	0	3.24
RT	EB LANE	341+36	4	13	5.78	0.00	5.78	0	3.24
RT	EB LANE	345+00	4	13	5.78	0.00	5.78	0	3.24
RT	EB LANE	351+62	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	354+72	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	358+45	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	363+67	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	369+72	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	369+85	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	374+03	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	379+31	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	393+74	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	399+29	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	400+35	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	403+94	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	409+36	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	411+78	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	415+21	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	416+74	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	417+22	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	428+40	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	432+65	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	433+50	4	13	5.78	5.78	0	0	2.75
RT	EB LANE	434+95	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	312+87	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	316+08	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	329+39	4	13	5.78	0.00	5.78	0	3.24
LT	WB LANE	332+62	4	13	5.78	0.00	5.78	0	3.24
LT	WB LANE	337+77	4	13	5.78	0.00	5.78	0	3.24
LT	WB LANE	339+57	4	13	5.78	0.00	5.78	0	3.24
LT	WB LANE	340+12	4	13	5.78	0.00	5.78	0	3.24
LT	WB LANE	341+36	4	13	5.78	0.00	5.78	0	3.24
LT	WB LANE	343+91	4	13	5.78	0.00	5.78	0	3.24
LT	WB LANE	346+91	4	13	5.78	0.00	5.78	0	3.24
LT	WB LANE	350+25	6	13	8.67	8.67	0	0	4.13
LT	WB LANE	350+74	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	350+88	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	351+62	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	369+85	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	399+29	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	403+94	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	409+36	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	410+42	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	411+78	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	415+21	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	417+22	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	428+40	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	432+65	4	13	5.78	5.78	0	0	2.75
LT	WB LANE	434+95	4	13	5.78	5.78	0	0	2.75
RURAL TOTAL					257.11	75.11	0.00	0.00	164.45
RURAL ROUNDED					258.0	76.0	0.0	0.0	165.00
TOTAL PLAN QTY					501.0	76.0	35.0	45.0	319.00

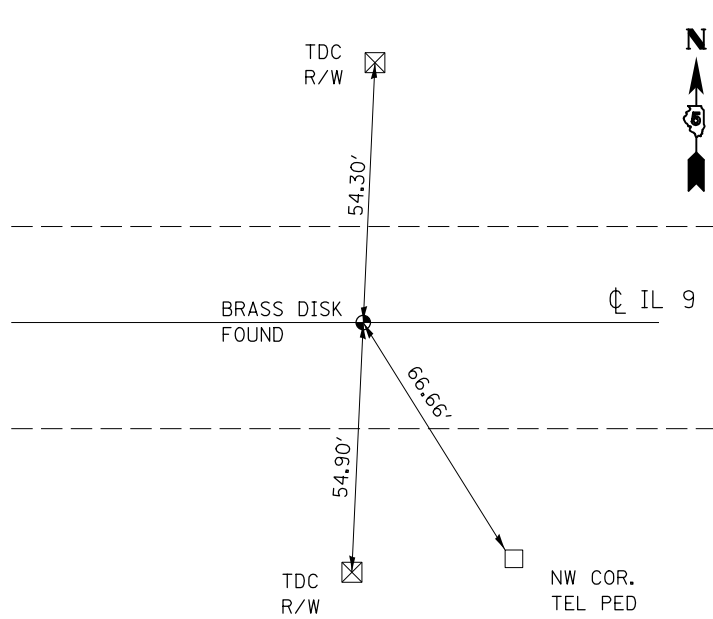
#11 204 + 00.00 POT

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E 825,991.92930



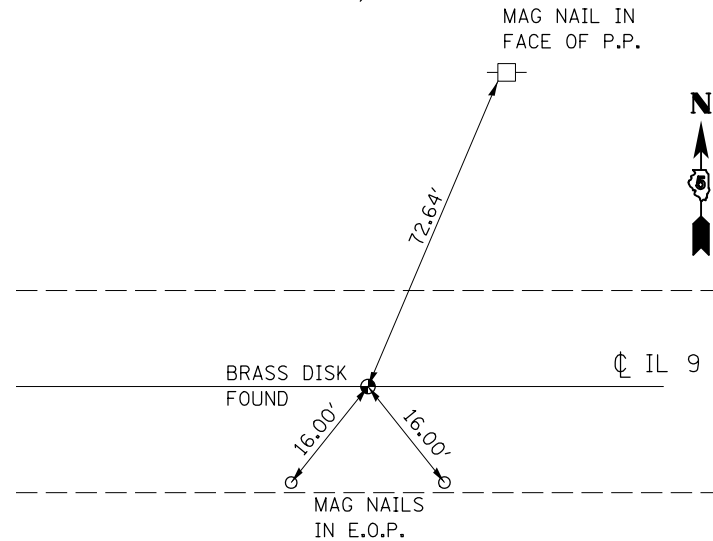
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E 829,791.00960



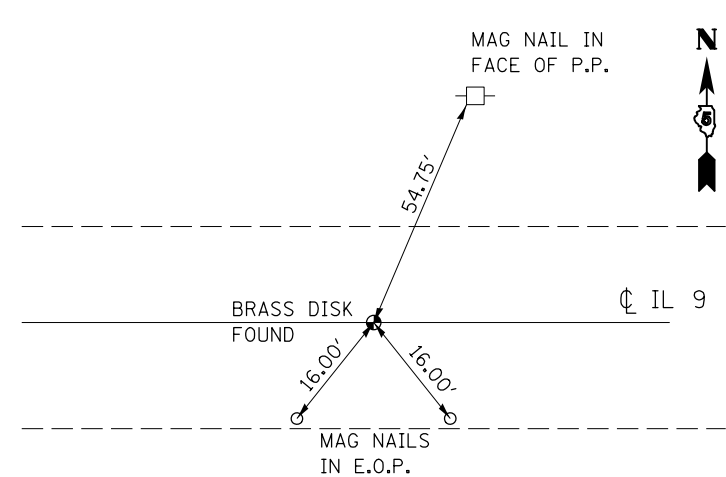
#7 305 + 99.51 PI

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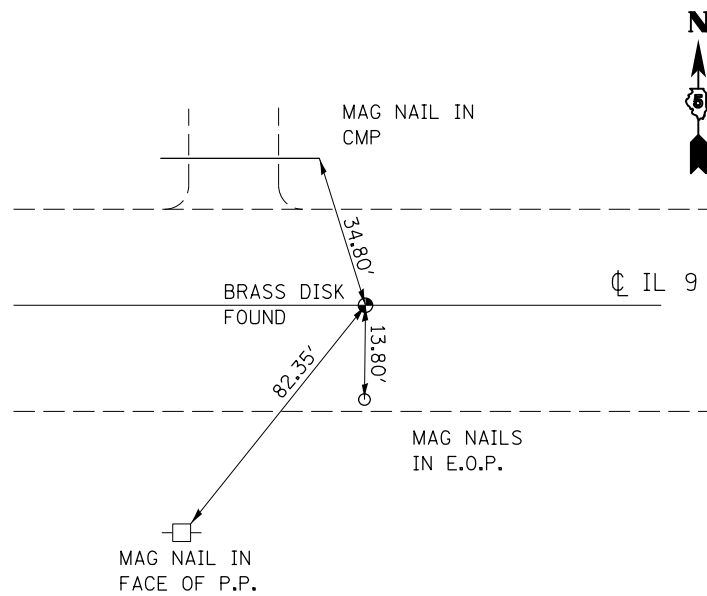
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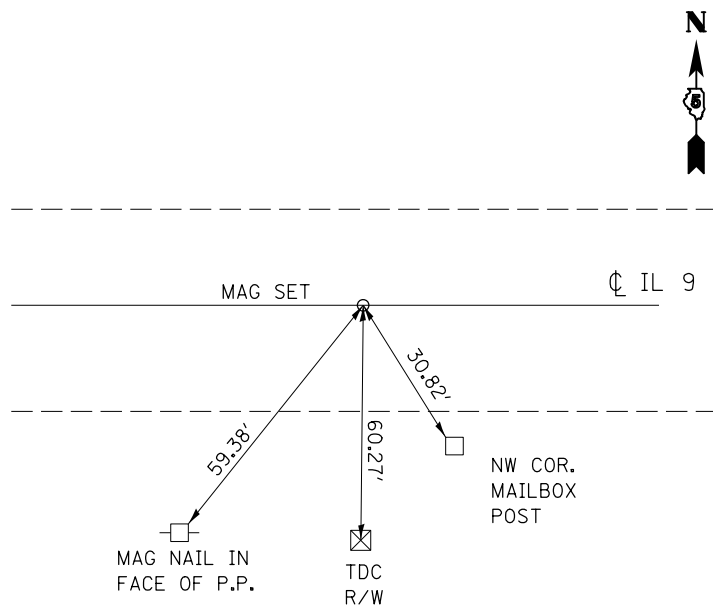
#3 431 + 00.35 PI

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#38 474 + 00.17 POT

N 1,391,673.30950
E 852,984.41060



#5 358 + 30.07 POT

N 1,391,956.56770
E 841,417.79310
OFFSET: -0.02315

#6 336 + 62.67 POT

N 1,392,004.82330
E 839,250.92950
OFFSET: -0.02643

#8 267 + 58.69 POT

N 1,392,168.14840
E 832,348.88620
OFFSET: -0.01013

SURVEY MARKER VAULTS

STATION	OFFSET	NORTHING	EASTING
230+72.32	RT 2.43257	1,392,254.2816	828,663.53160
231+07.89	RT 2.54082	1,392,253.3789	828,699.08670
257+36.28	RT 8.47844	1,392,184.99010	831,326.58210
257+71.51	RT 8.47368	1,392,184.12210	831,361.80230
284+00.73	RT 10.31403	1,392,117.1498	833,990.16850
284+40.36	RT 10.74843	1,392,115.7339	834,029.77150
310+69.54	RT 14.07278	1,392,048.4578	836,658.12890
311+02.49	RT 14.12466	1,392,047.6724	836,691.06840
337+33.40	RT 14.21677	1,391,989.00910	839,321.31970
337+69.02	RT 14.24522	1,391,988.1875	839,356.93730
363+97.35	RT 14.06467	1,391,929.85410	841,984.62120
364+36.81	RT 14.02948	1,391,929.0109	842,024.06720
390+58.07	RT 8.56493	1,391,870.7830	844,644.64300
391+00.94	RT 8.45877	1,391,869.7778	844,687.50340
417+24.64	LT 1.05963	1,391,811.2816	847,310.56740
417+64.35	LT 1.09503	1,391,810.2878	847,350.25850

NOTE: GROUND COORDINATES USED.
SCALE FACTOR: 0.99995345254

FILE NAME =	USER NAME = grozianoja	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/21/2017	DATE -	REVISED -

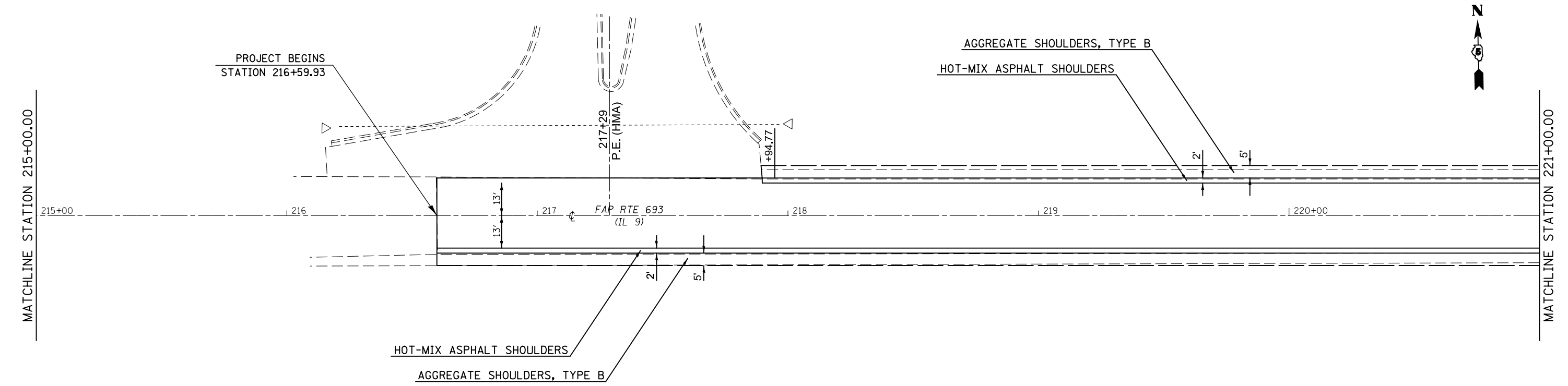
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENTS, TIE POINTS,
& BENCHMARKS**

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

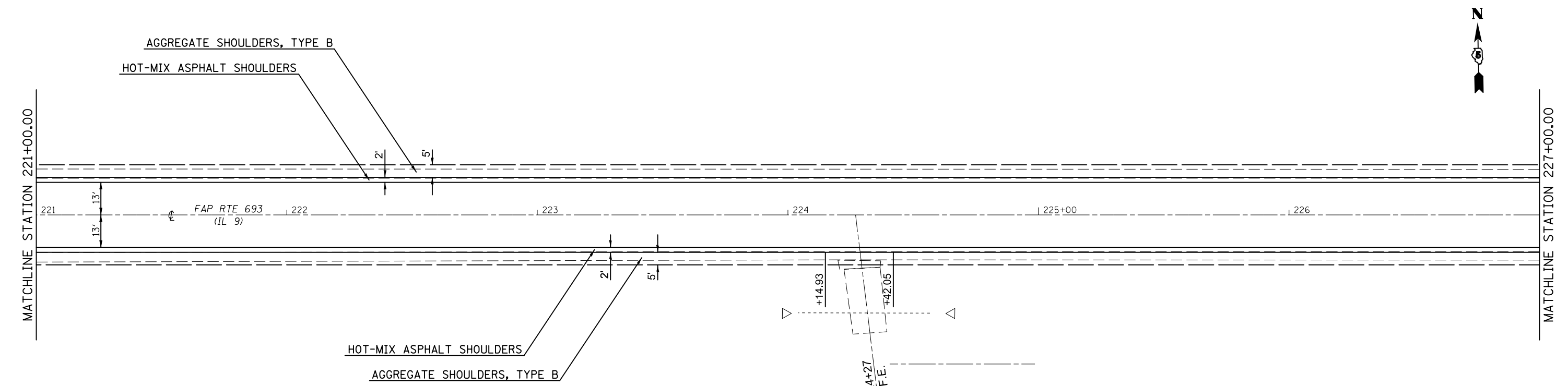
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	23RS-2	MCLEAN		11
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

SEC. 32, TWP 24N, RNG 3E, 3RD P.M.



SEC. 5, TWP 23N, RNG 3E, 3RD P.M.

SEC. 32, TWP 24N, RNG 3E, 3RD P.M.



SEC. 5, TWP 23N, RNG 3E, 3RD P.M.

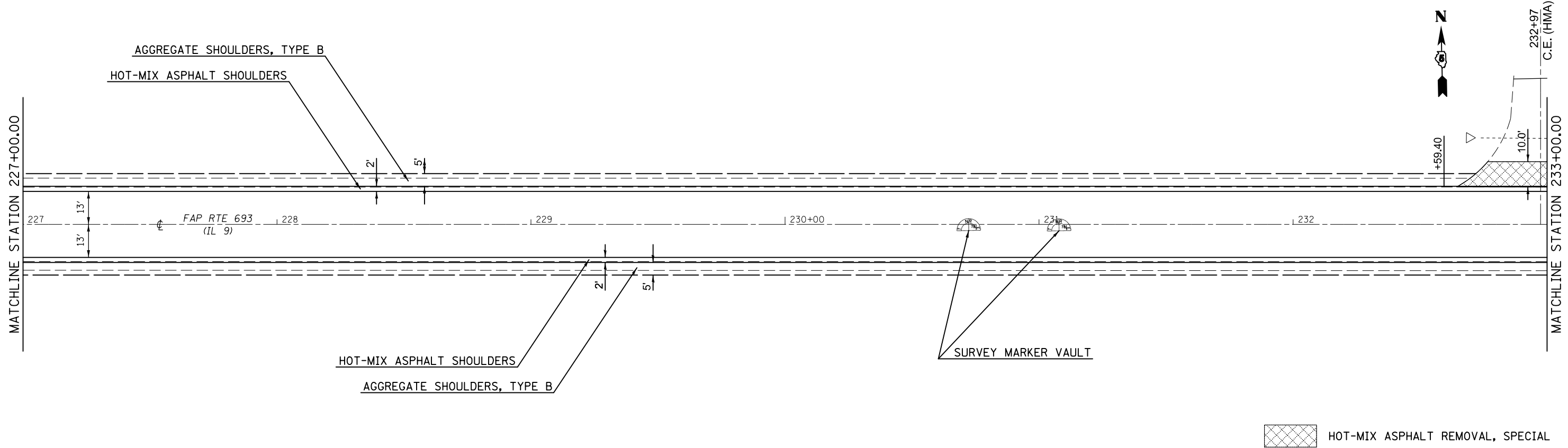
FILE NAME =	USER NAME = grazianoja	DESIGNED -	REVISED -
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 3/21/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: 1" = 20' SHEET 1 OF 20 SHEETS STA. 215+00.00 TO STA. 227+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	23RS-2	MCLEAN	12	12
CONTRACT NO. 70925			ILLINOIS FED. AID PROJECT	

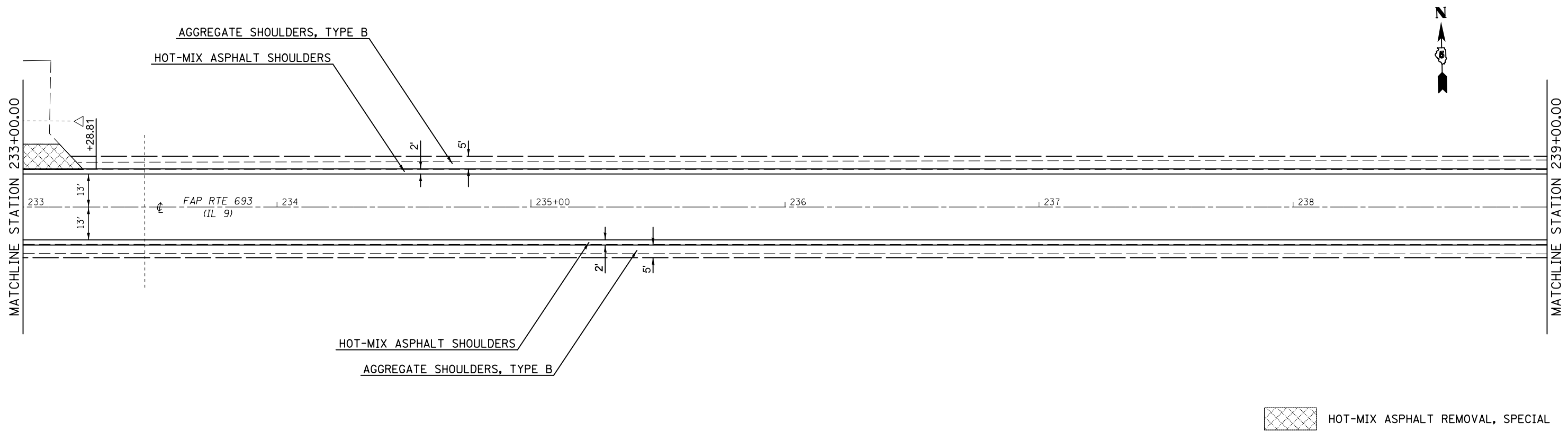
SEC. 32, TWP 24N, RNG 3E, 3RD P.M.



 HOT-MIX ASPHALT REMOVAL, SPECIAL

SEC. 5, TWP 23N, RNG 3E, 3RD P.M.

SEC. 32, TWP 24N, RNG 3E, 3RD P.M.

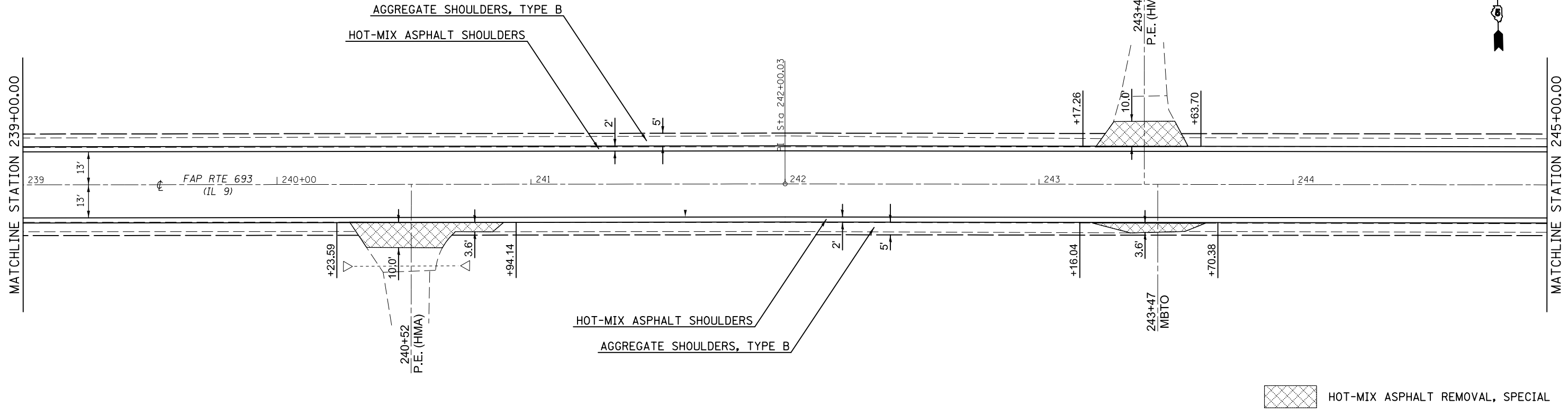


 HOT-MIX ASPHALT REMOVAL, SPECIAL

SEC. 5, TWP 23N, RNG 3E, 3RD P.M.

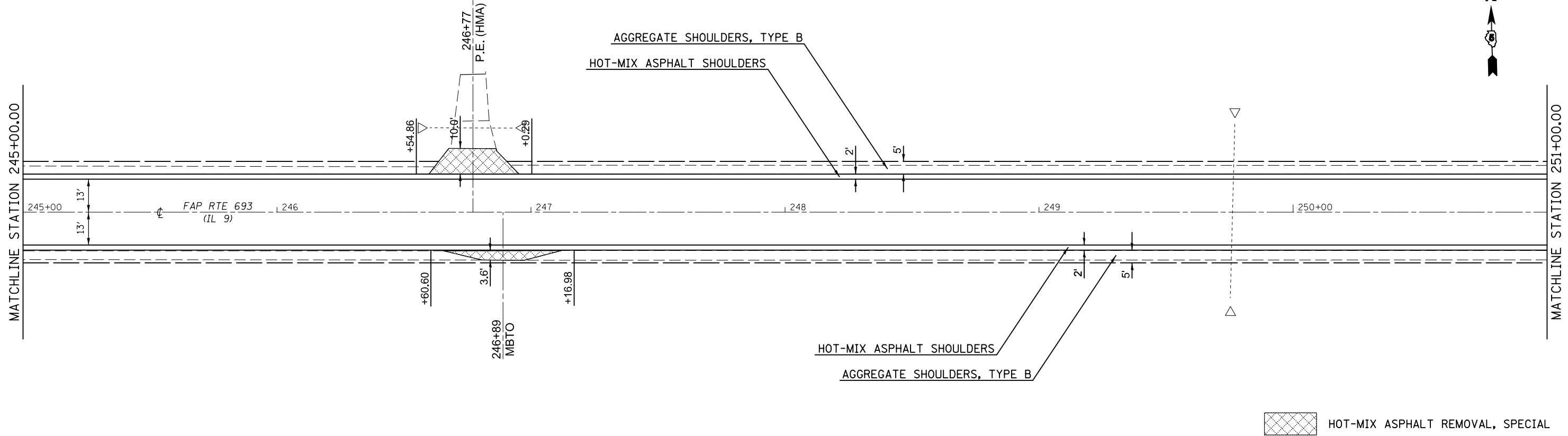
FILE NAME =	USER NAME = grazianoja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE: 1" = 20'	SHEET 2 OF 20 SHEETS	STA. 227+00.00 TO STA. 239+00.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\0579\25-shr-plandgn	PLotted SCALE = 40.0000' / in.	CHECKED -	REVISED -					693	23RS-2	MCLEAN	13	
*MODELNAME#	PLotted DATE = 3/21/2017	DATE -	REVISED -					CONTRACT NO. 70925				
								ILLINOIS FED. AID PROJECT				

SEC. 32, TWP 24N, RNG 3E, 3RD P.M.



SEC. 5, TWP 23N, RNG 3E, 3RD P.M.

SEC. 32, TWP 24N, RNG 3E, 3RD P.M.

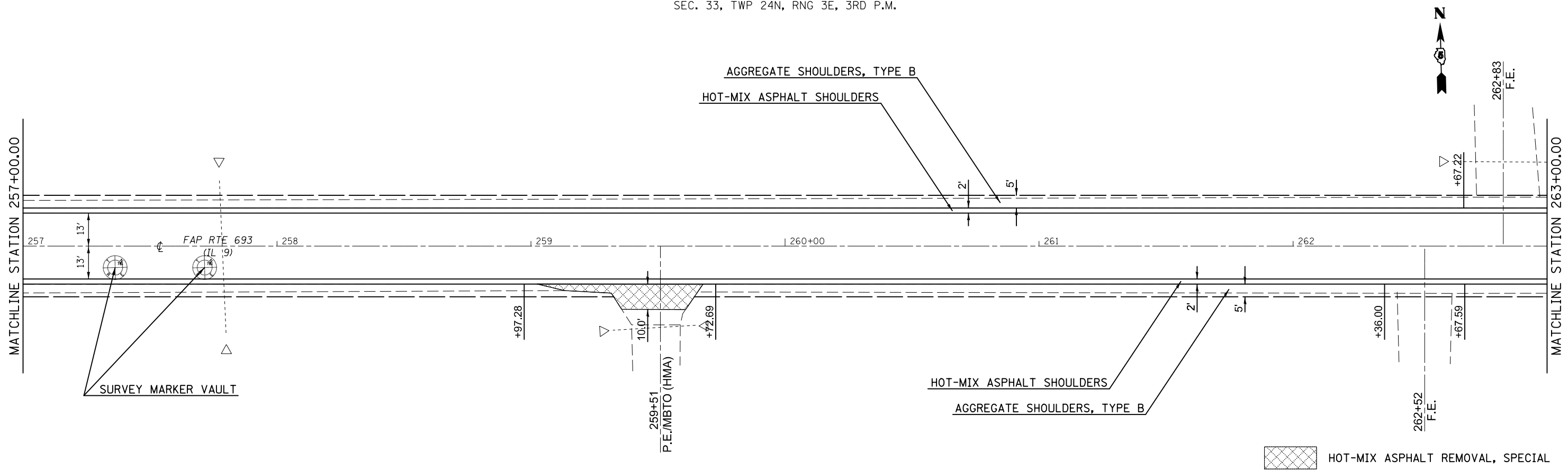
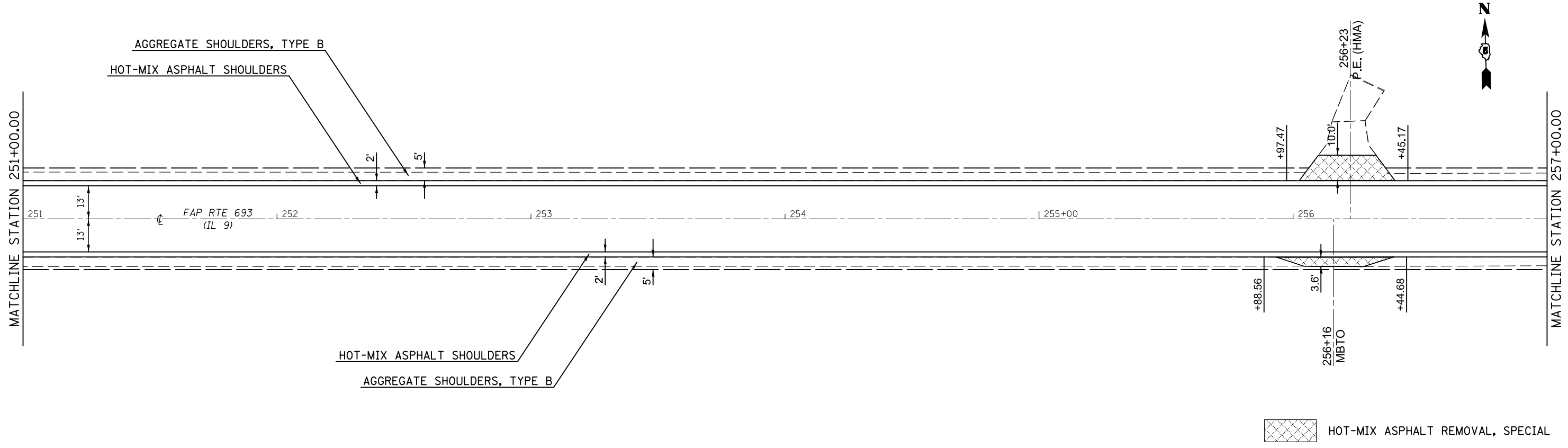


SEC. 5, TWP 23N, RNG 3E, 3RD P.M.

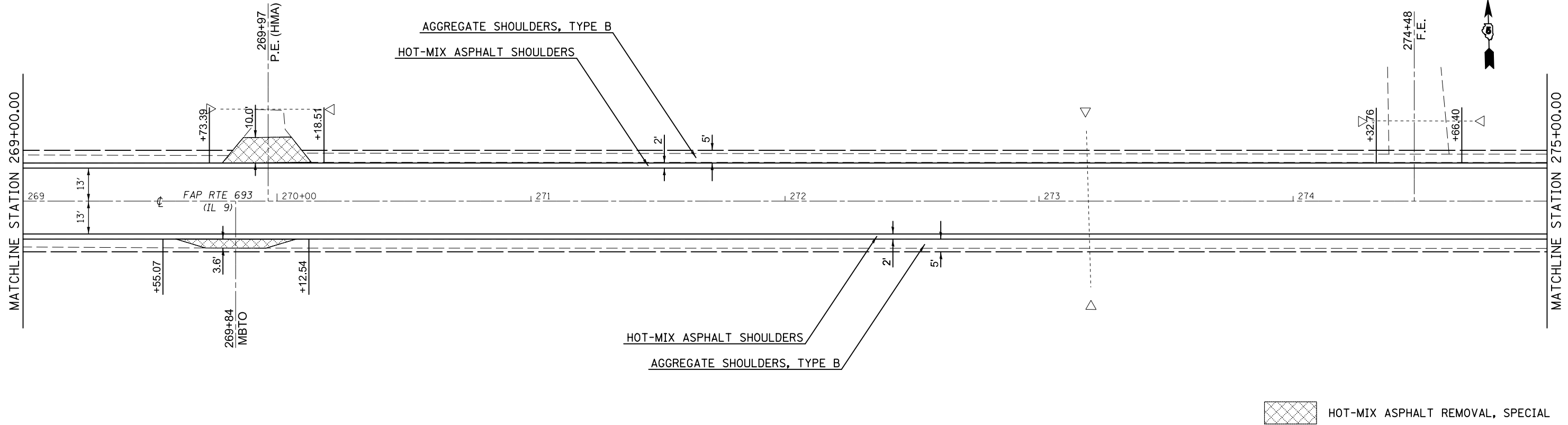
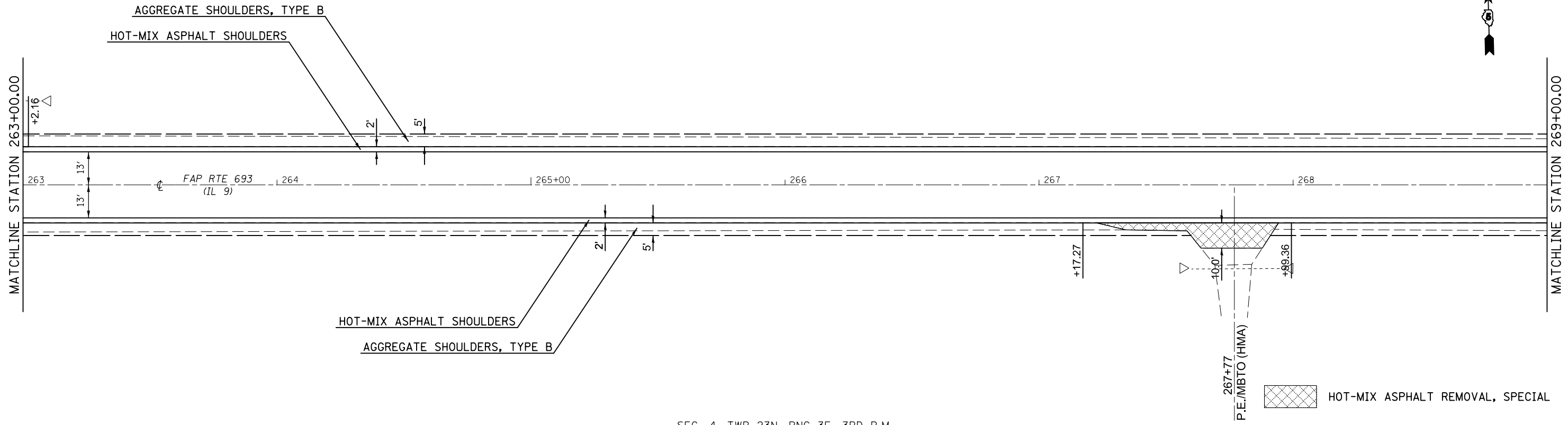
HOT-MIX ASPHALT REMOVAL, SPECIAL

HOT-MIX ASPHALT REMOVAL, SPECIAL

FILE NAME =	USER NAME = grazianoja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE: 1" = 20'	SHEET 3 OF 20 SHEETS	STA. 239+00.00 TO STA. 251+00.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\0579925-shr-plan.dgn	DRAWN	REVISED -	693					23RS-2	MCLEAN	14	14	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70925									
*MODELNAME#	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

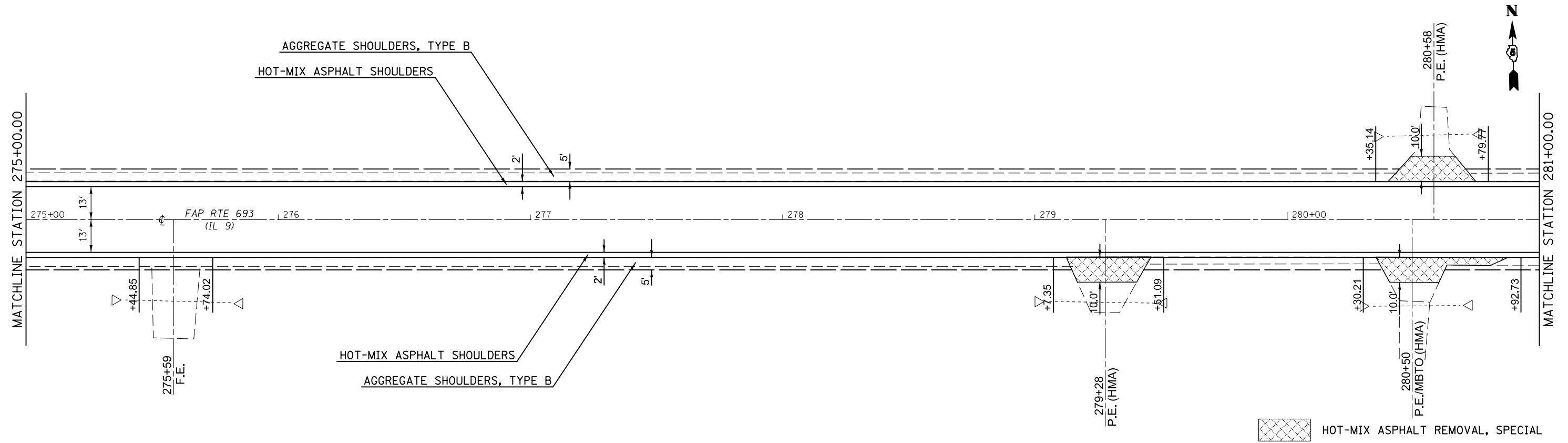


FILE NAME =	USER NAME = grozianoja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE: 1" = 20'	SHEET 4 OF 20 SHEETS	STA. 251+00.00 TO STA. 263+00.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\IDOT Offices\District 5\Projects\0579\Drawings\Design\0579\25-shr-plan.dgn	DRAWN	REVISED -	693					23RS-2	MCLEAN	15	15	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70925									
*MODELNAME#	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									



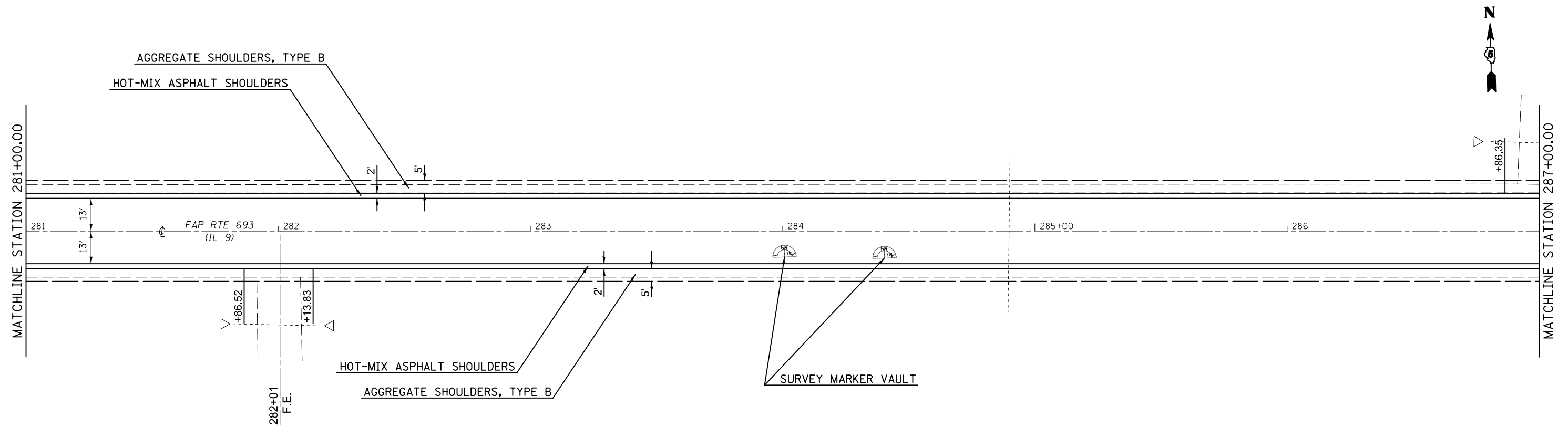
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p:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 5\Projects\0579\Drawings\Design\0579\25-shr-plan.dgn	PLotted SCALE = 40.0000' / in.	CHECKED -	REVISED -					693	23RS-2	MCLEAN	16	
#MODELNAME#	PLotted DATE = 3/21/2017	DATE -	REVISED -					CONTRACT NO. 70925				
								ILLINOIS FED. AID PROJECT				

SEC. 33, TWP 24N, RNG 3E, 3RD P.M.



SEC. 4, TWP 23N, RNG 3E, 3RD P.M.

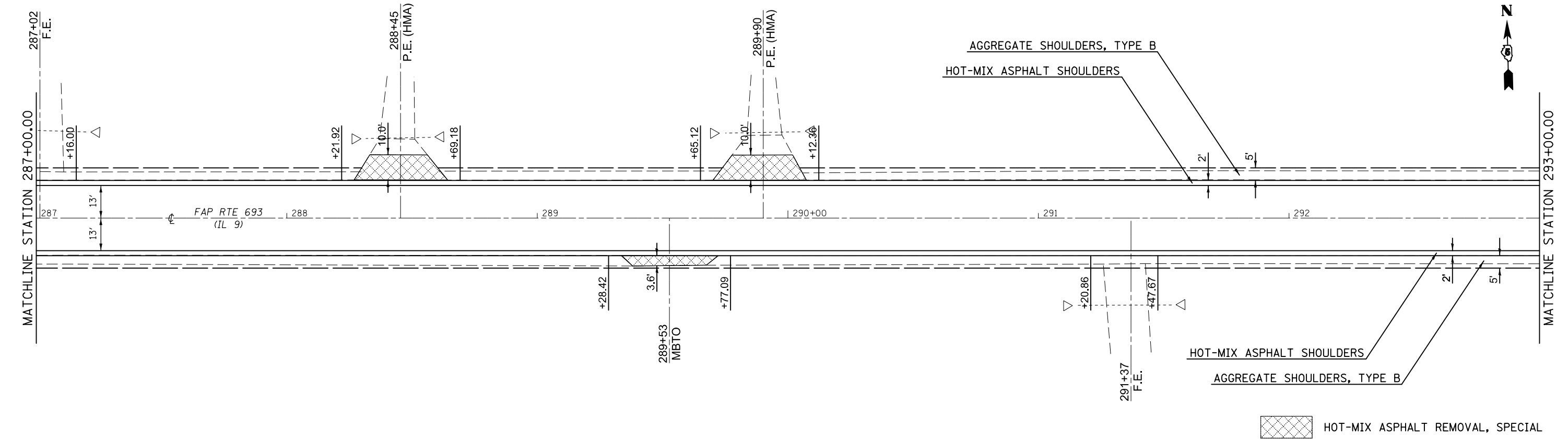
SEC. 33, TWP 24N, RNG 3E, 3RD P.M.



SEC. 4, TWP 23N, RNG 3E, 3RD P.M.

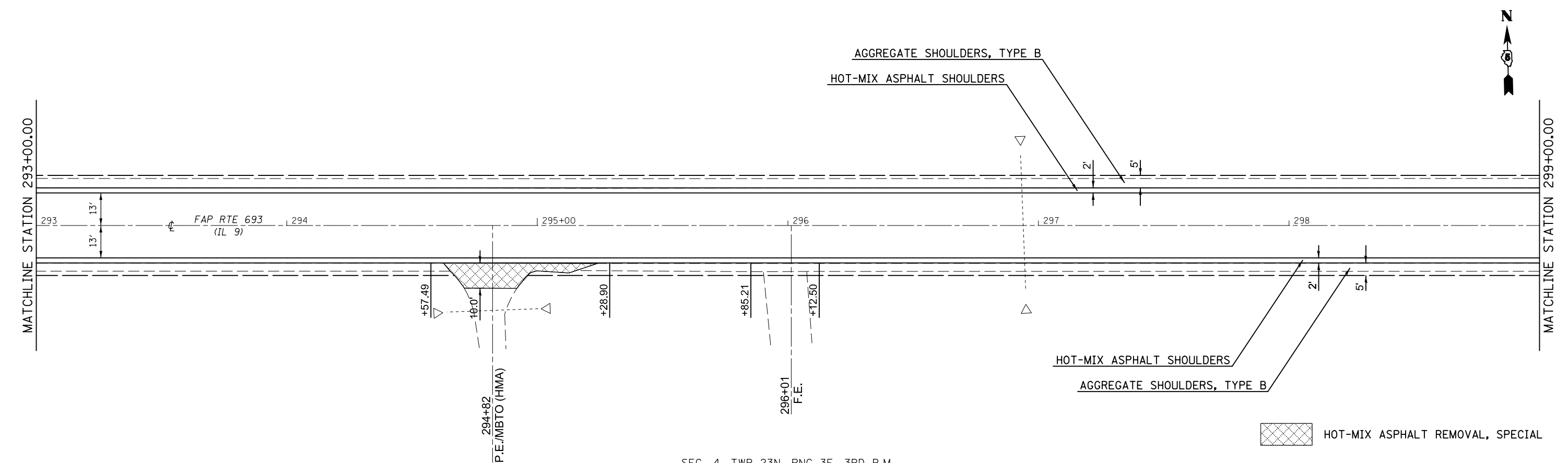
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pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\0579\25-shr-plan.dgn	PLANNED	REVISED -	693					23RS-2	MCLEAN	17	17	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70925									
*MODELNAME#	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

SEC. 33, TWP 24N, RNG 3E, 3RD P.M.



SEC. 4, TWP 23N, RNG 3E, 3RD P.M.

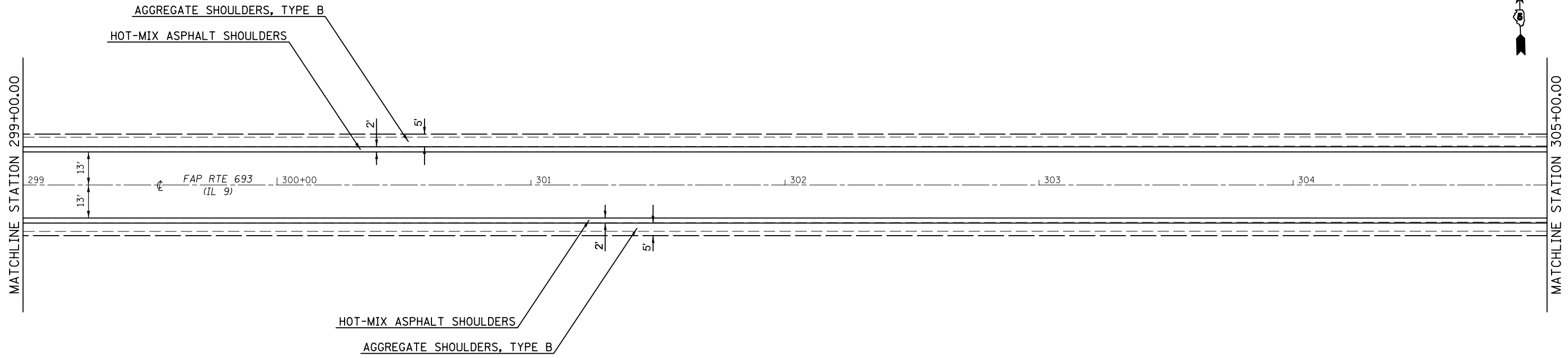
SEC. 33, TWP 24N, RNG 3E, 3RD P.M.



SEC. 4, TWP 23N, RNG 3E, 3RD P.M.

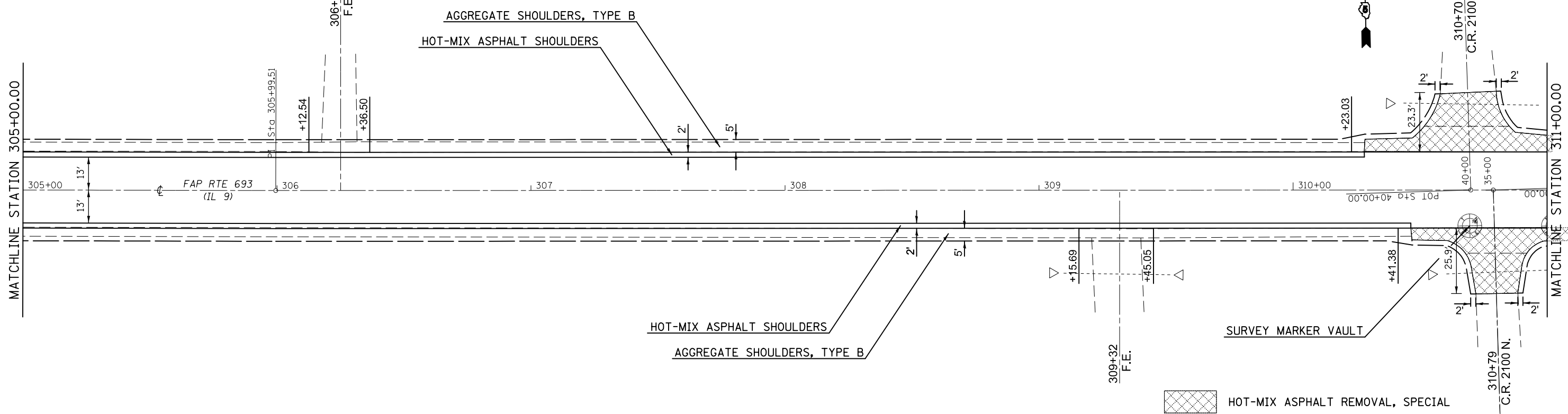
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PLOT SCALE = 40.0000' / in.	DATE -	REVISED -	REVISED -					CONTRACT NO. 70925				
*MODELNAME#	PLOT DATE = 3/21/2017	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

SEC. 33, TWP 24N, RNG 3E, 3RD P.M.



SEC. 4, TWP 23N, RNG 3E, 3RD P.M.

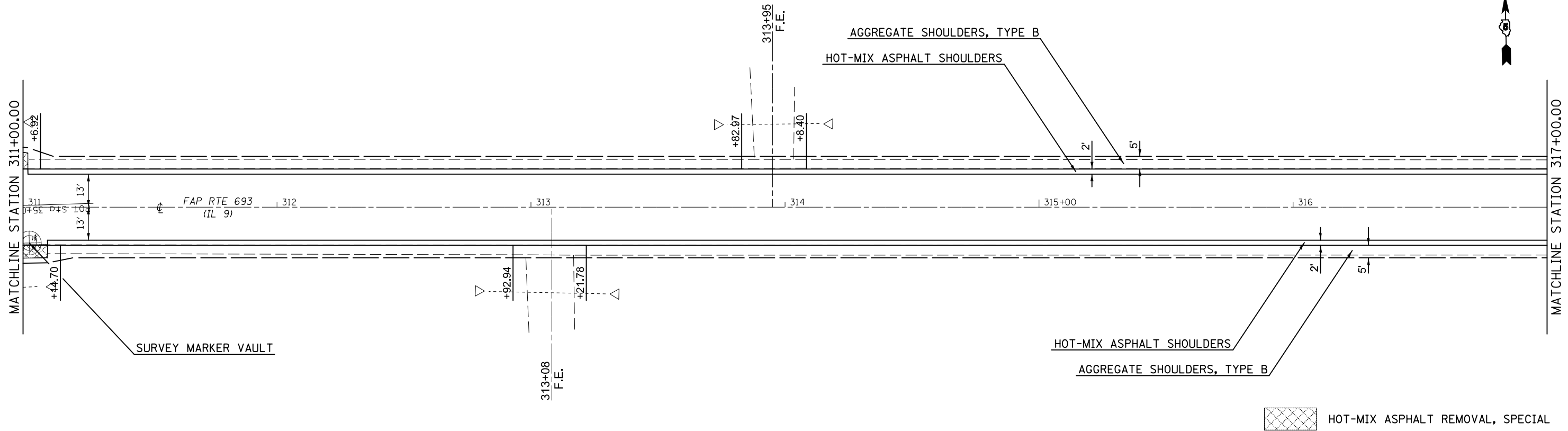
SEC. 33, TWP 24N, RNG 3E, 3RD P.M.



SEC. 4, TWP 23N, RNG 3E, 3RD P.M.

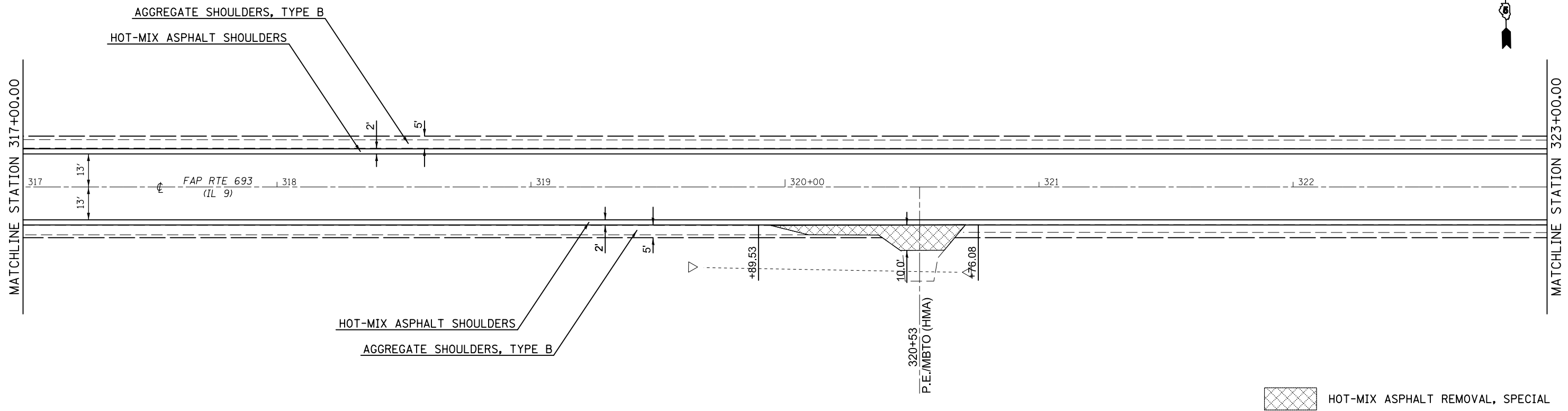
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pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0579\Drawings\Design\0579\25-shr-plandgn	DRAWN	REVISED -	693					23RS-2	MCLEAN	19	19	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70925									
#MODELNAME#	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

SEC. 34, TWP 24N, RNG 3E, 3RD P.M.



SEC. 3, TWP 23N, RNG 3E, 3RD P.M.

SEC. 34, TWP 24N, RNG 3E, 3RD P.M.



SEC. 3, TWP 23N, RNG 3E, 3RD P.M.

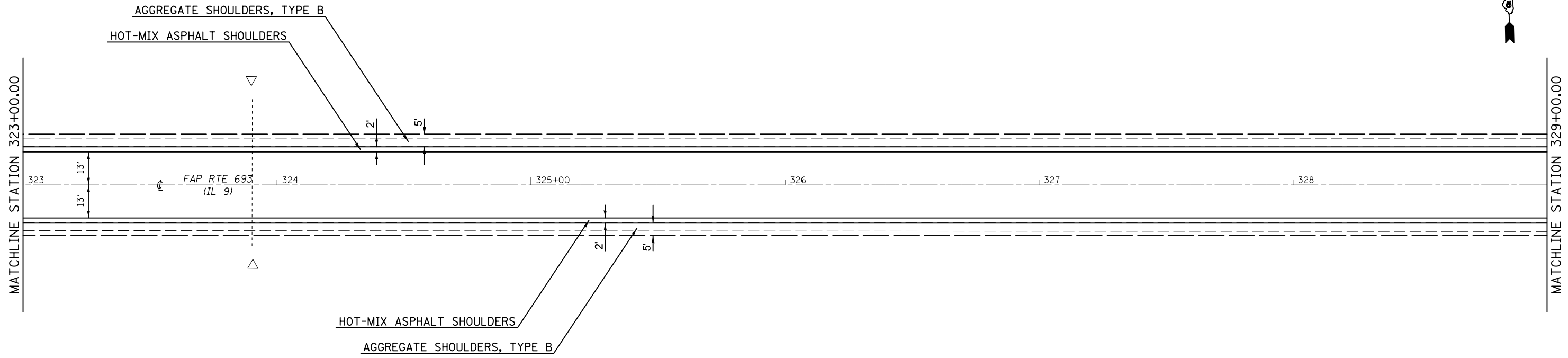
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 3/21/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 20' SHEET 9 OF 20 SHEETS STA. 299+00.00 TO STA. 311+00.00

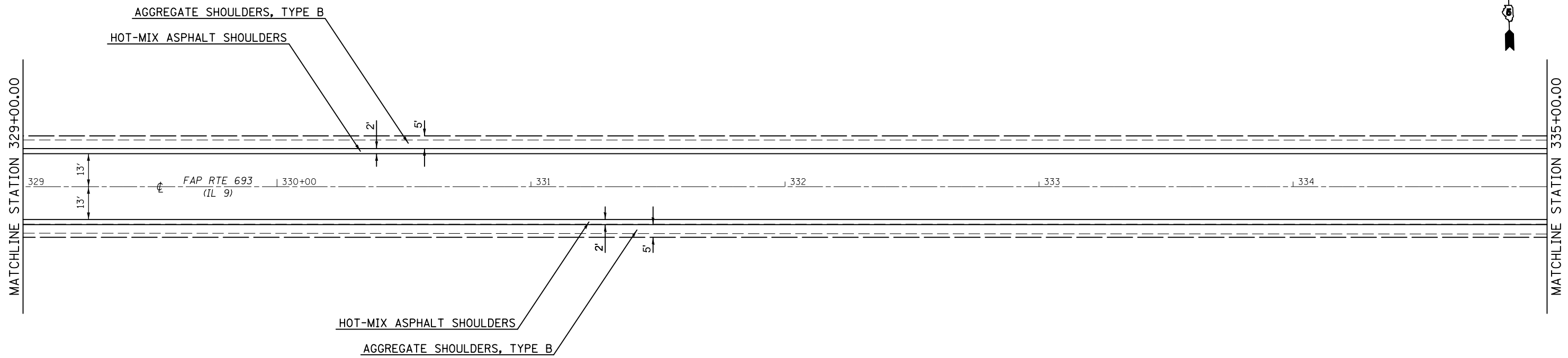
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	23RS-2	MCLEAN	20	20
CONTRACT NO. 70925			ILLINOIS FED. AID PROJECT	

SEC. 34, TWP 24N, RNG 3E, 3RD P.M.



SEC. 3, TWP 23N, RNG 3E, 3RD P.M.

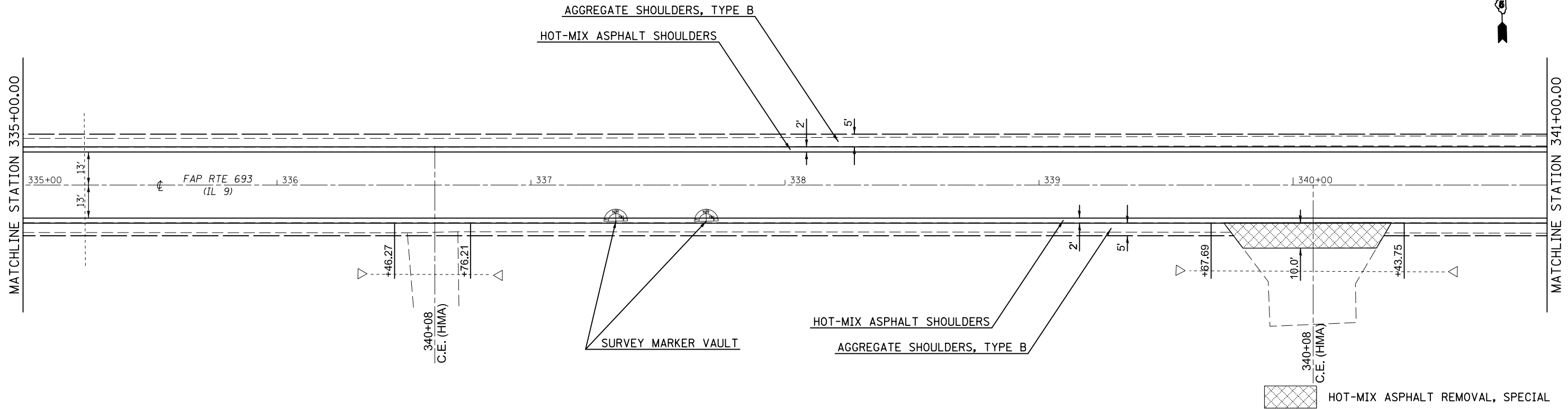
SEC. 34, TWP 24N, RNG 3E, 3RD P.M.



SEC. 3, TWP 23N, RNG 3E, 3RD P.M.

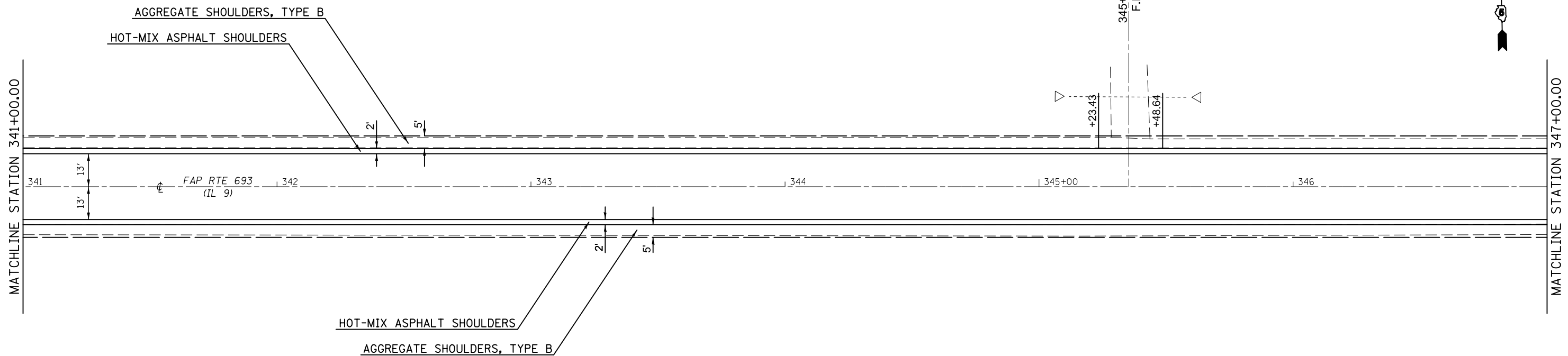
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p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0579\Drawings\Design\0579\25-shr-plandgn	PLotted	REVISIONS	693					23RS-2	MCLEAN	21	21	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70925									
MODELNAME	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

SEC. 34, TWP 24N, RNG 3E, 3RD P.M.



SEC. 3, TWP 23N, RNG 3E, 3RD P.M.

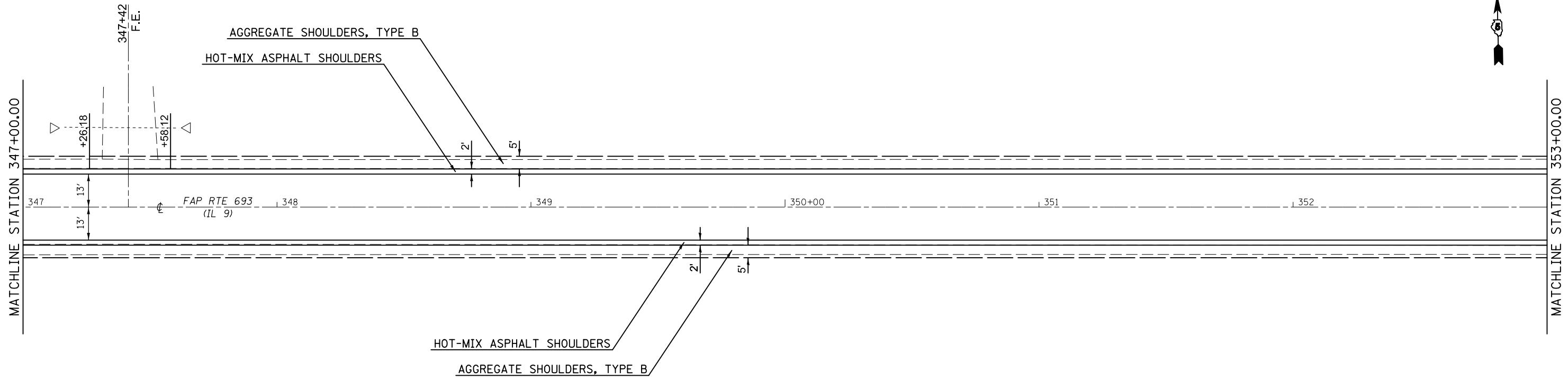
SEC. 34, TWP 24N, RNG 3E, 3RD P.M.



SEC. 3, TWP 23N, RNG 3E, 3RD P.M.

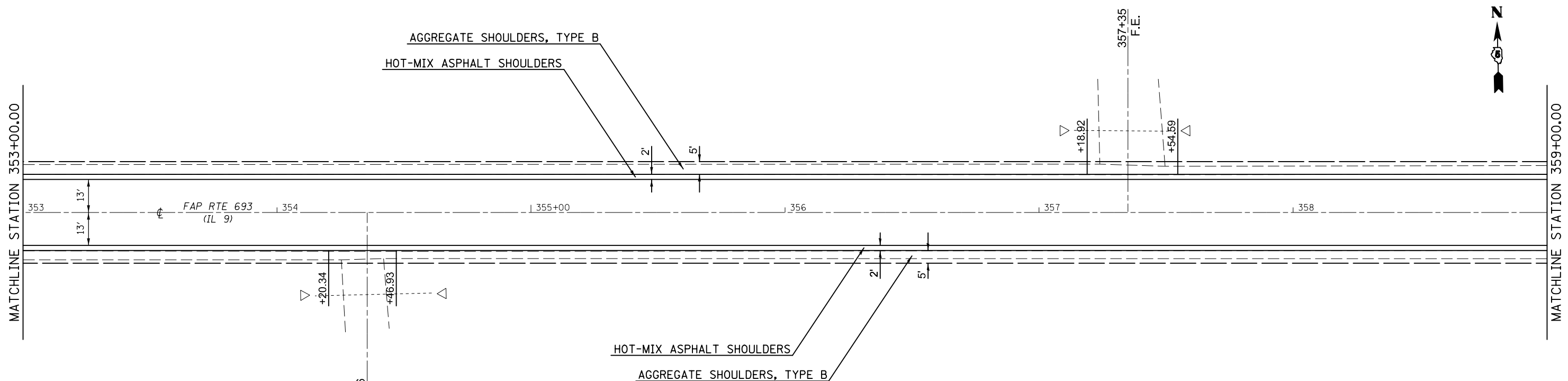
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p:\IL\084EBIDINTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\057925-shr-plan.dgn	PLotted	REVISIONS	693					23RS-2	MCLEAN	22	22	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70925									
*MODELNAME#	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

SEC. 34, TWP 24N, RNG 3E, 3RD P.M.



SEC. 3, TWP 23N, RNG 3E, 3RD P.M.

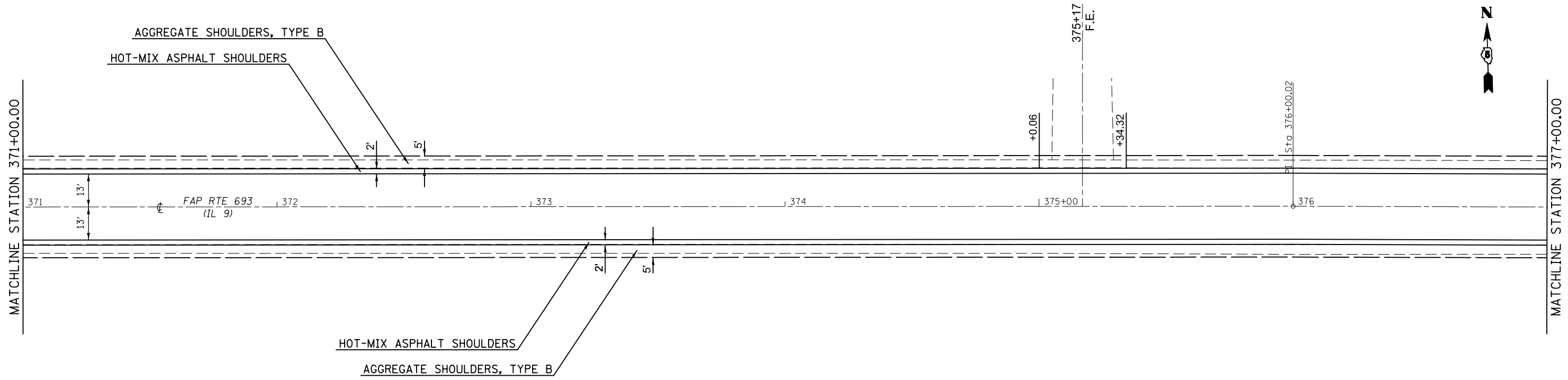
SEC. 34, TWP 24N, RNG 3E, 3RD P.M.



SEC. 3, TWP 23N, RNG 3E, 3RD P.M.

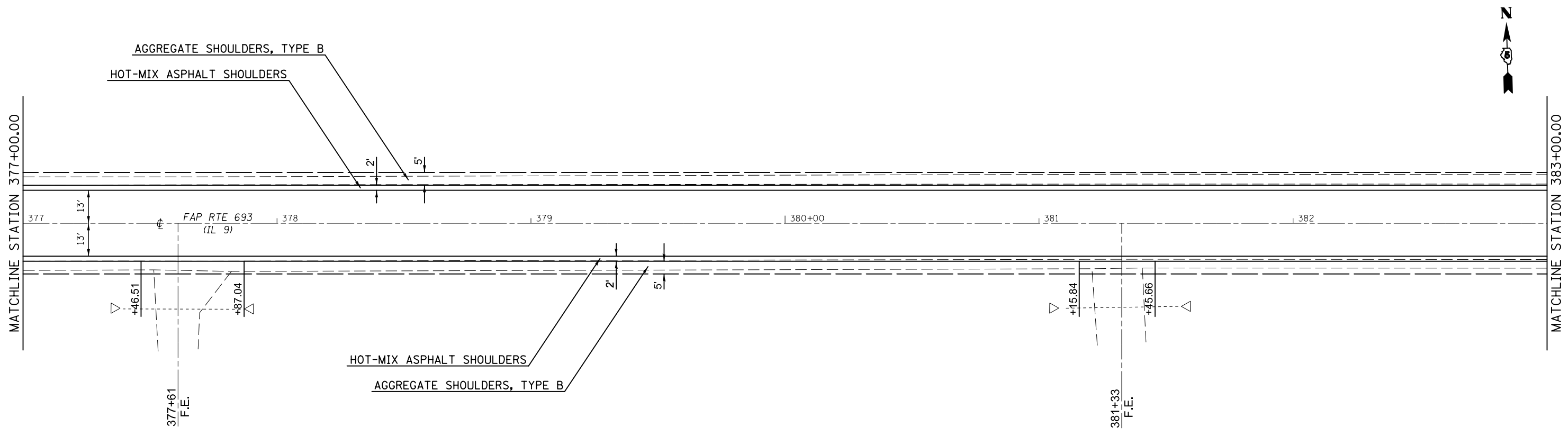
FILE NAME =	USER NAME = grazianoja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE: 1" = 20'	SHEET 12 OF 20 SHEETS	STA. 335+00.00 TO STA. 347+00.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0579\Drawings\Design\057925-shr-plandgn	DRAWN	REVISED -	REVISED -					693	23RS-2	MCLEAN	23	
#MODELNAME#	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 70925				
	PLOT DATE = 3/21/2017	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

SEC. 34, TWP 24N, RNG 3E, 3RD P.M.



SEC. 3, TWP 23N, RNG 3E, 3RD P.M.

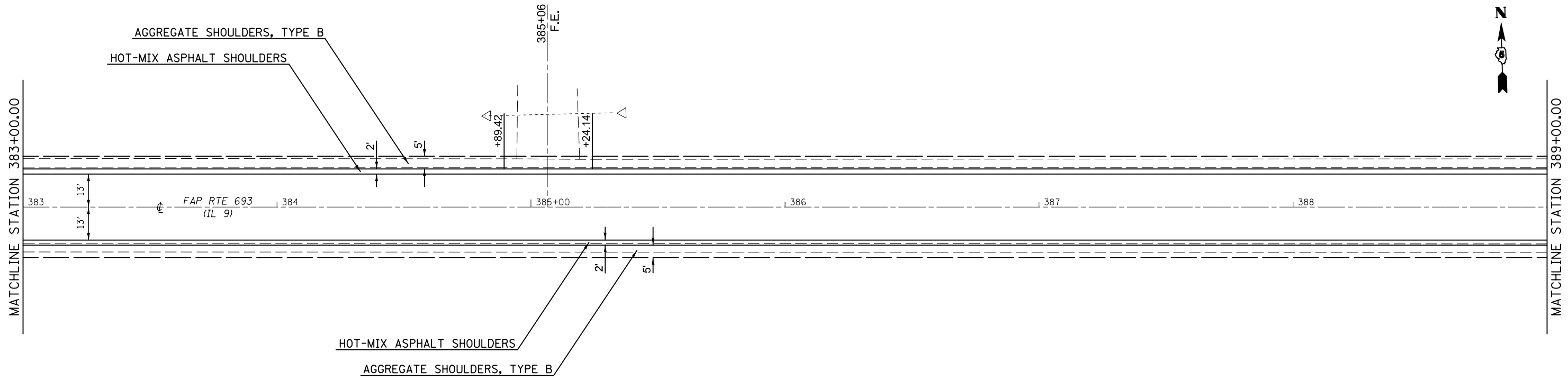
SEC. 35, TWP 24N, RNG 3E, 3RD P.M.



SEC. 2, TWP 23N, RNG 3E, 3RD P.M.

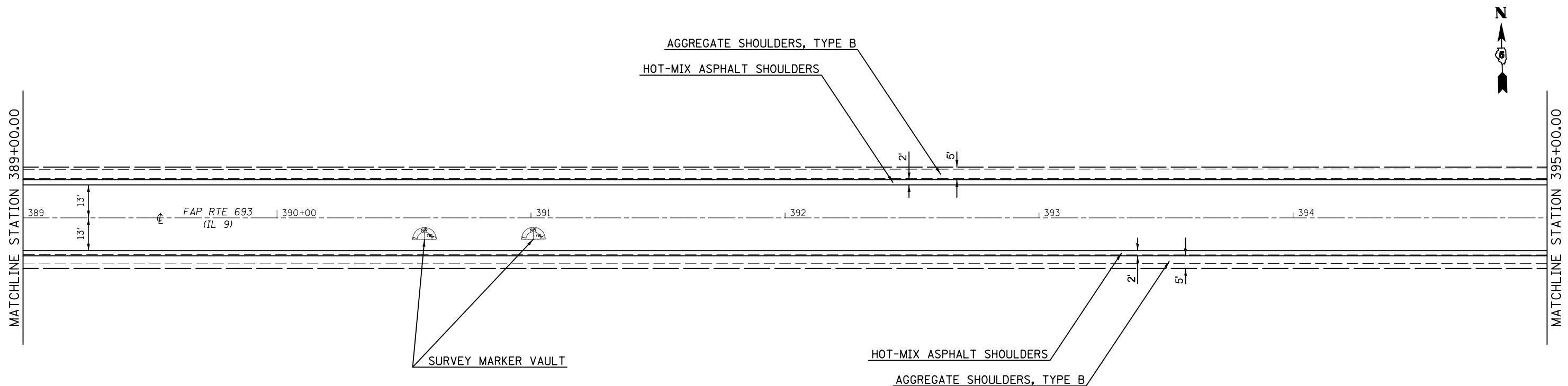
FILE NAME =	USER NAME = grozianoja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE: 1" = 20'	SHEET 14 OF 20 SHEETS	STA. 371+00.00 TO STA. 383+00.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0579\Drawings\0579\0925-shr-plan.dgn	DRAWN	REVISED -	693					23RS-2	MCLEAN	25	25	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70925									
*MODELNAME#	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

SEC. 34, TWP 24N, RNG 3E, 3RD P.M.



SEC. 3, TWP 23N, RNG 3E, 3RD P.M.

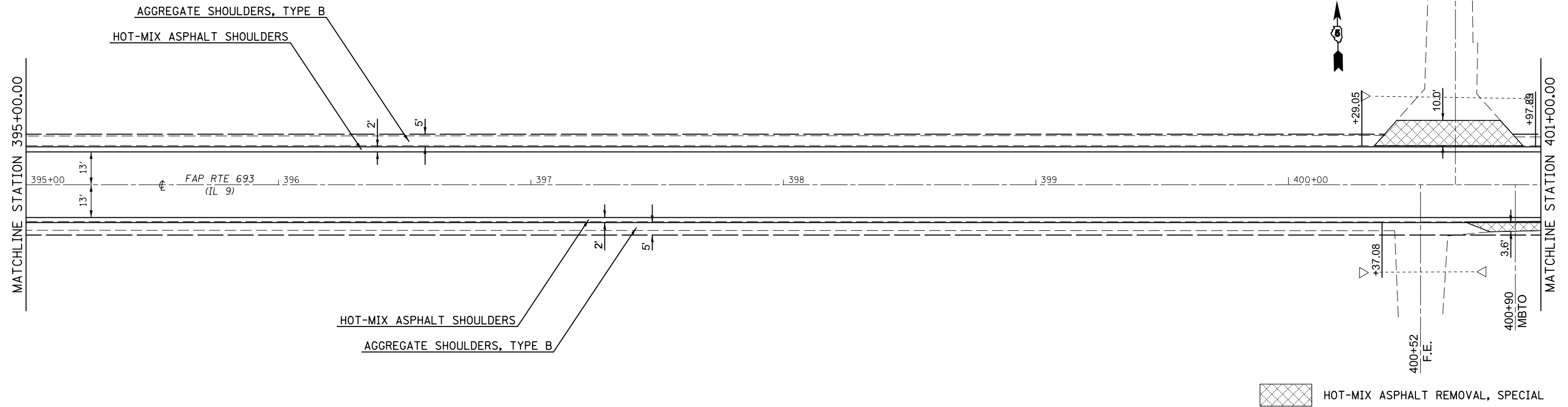
SEC. 35, TWP 24N, RNG 3E, 3RD P.M.



SEC. 2, TWP 23N, RNG 3E, 3RD P.M.

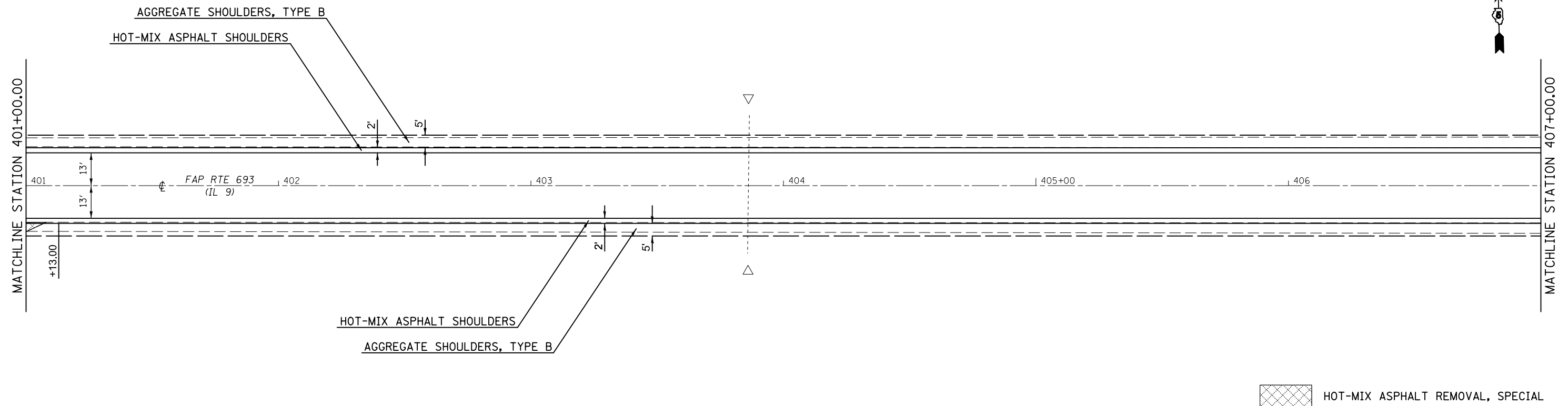
FILE NAME =	USER NAME = grazianoja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE: 1" = 20'	SHEET 15 OF 20 SHEETS	STA. 383+00.00 TO STA. 395+00.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0579\Drawings\Design\0579\25-shr-plan.dgn	DRAWN	REVISED -	693					23RS-2	MCLEAN	26	26	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70925									
*MODELNAME#	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

SEC. 34, TWP 24N, RNG 3E, 3RD P.M.



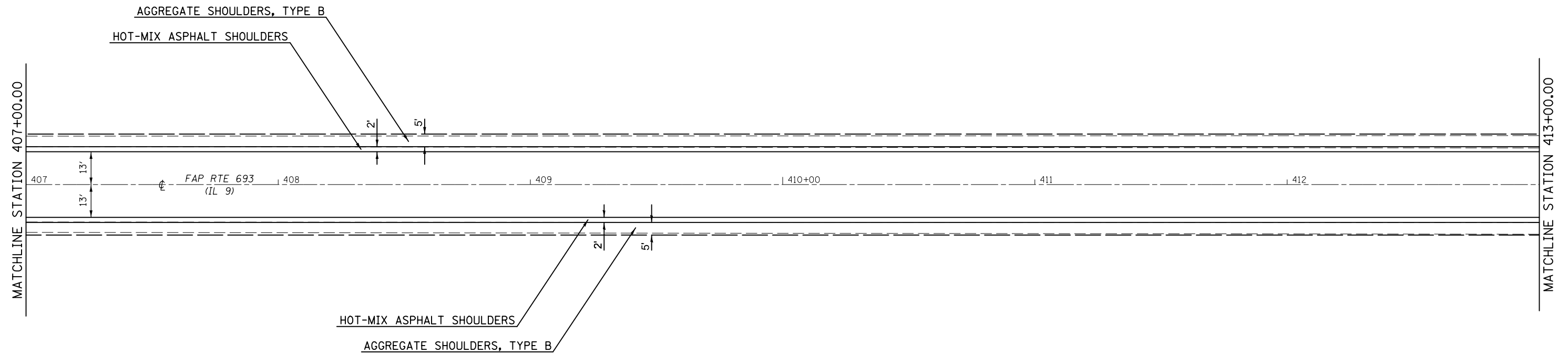
SEC. 3, TWP 23N, RNG 3E, 3RD P.M.

SEC. 35, TWP 24N, RNG 3E, 3RD P.M.

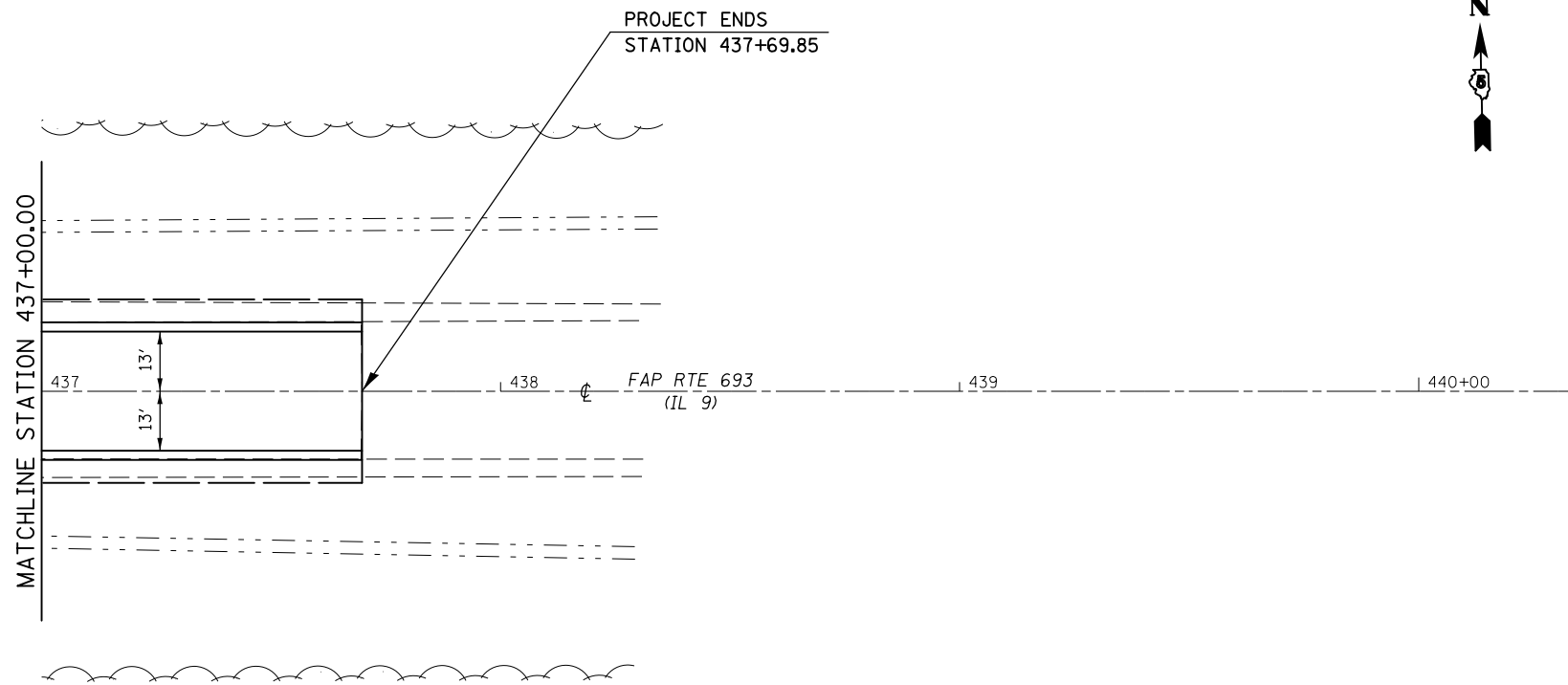
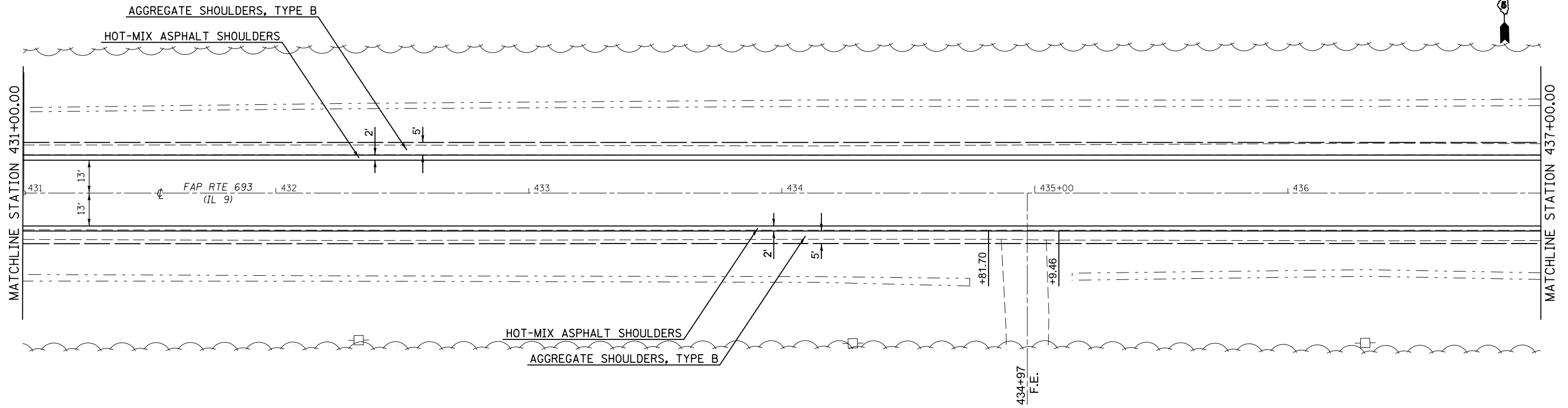


SEC. 2, TWP 23N, RNG 3E, 3RD P.M.

FILE NAME =	USER NAME = grazianoja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE: 1" = 20'	SHEET 16 OF 20 SHEETS	STA. 395+00.00 TO STA. 407+00.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0579\Drawings\Design\0579\25-shr-plandgn	DRAWN	REVISED -	REVISED -					693	23RS-2	MCLEAN	27	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	REVISED -					CONTRACT NO. 70925				
*MODELNAME#	DATE -	REVISED -	REVISED -					ILLINOIS FED. AID PROJECT				

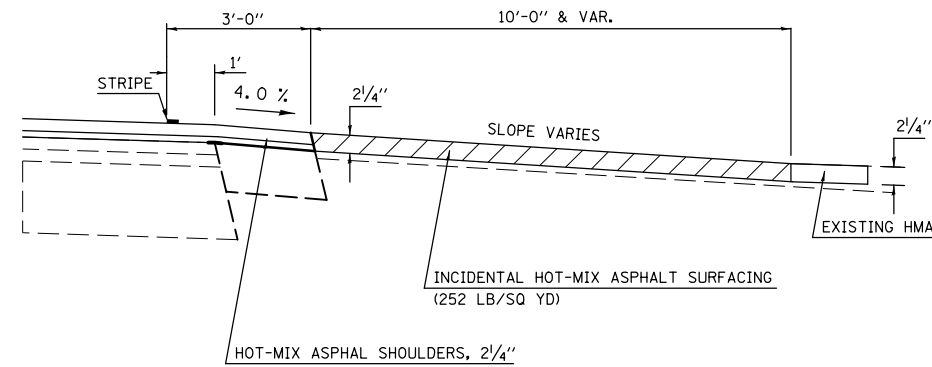


FILE NAME =	USER NAME = grazianoja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE: 1" = 20'	SHEET 17 OF 20 SHEETS	STA. 407+00.00 TO STA. 413+00.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0579\Drawings\Design\057925-shr-plan.dgn	DRAWN	REVISED -	693					23RS-2	MCLEAN	28	28	
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 70925				
	PLOT DATE = 3/21/2017	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

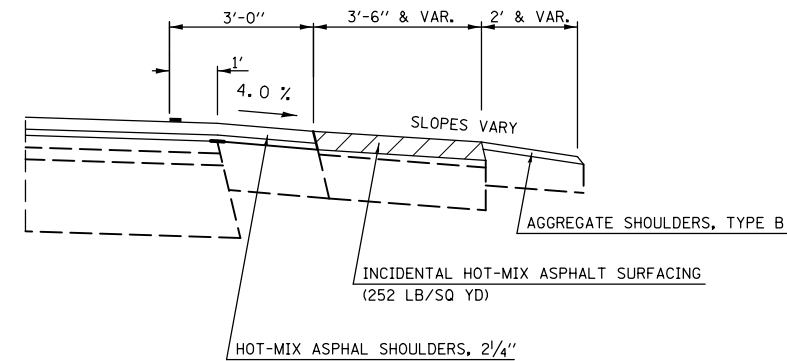


FILE NAME =	USER NAME = grazianoja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE: 1" = 20'	SHEET 20 OF 20 SHEETS	STA. 431+00.00 TO STA. 443+00.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0579\Drawings\Design\057925-shr-plan.dgn	DRAWN	REVISED -	693					23RS-2	MCLEAN	31	31	
*MODELNAME#	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 70925				
	PLOT DATE = 3/21/2017	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

PRIVATE & COMMERCIAL ENTRANCES
MILLING & RESURFACING



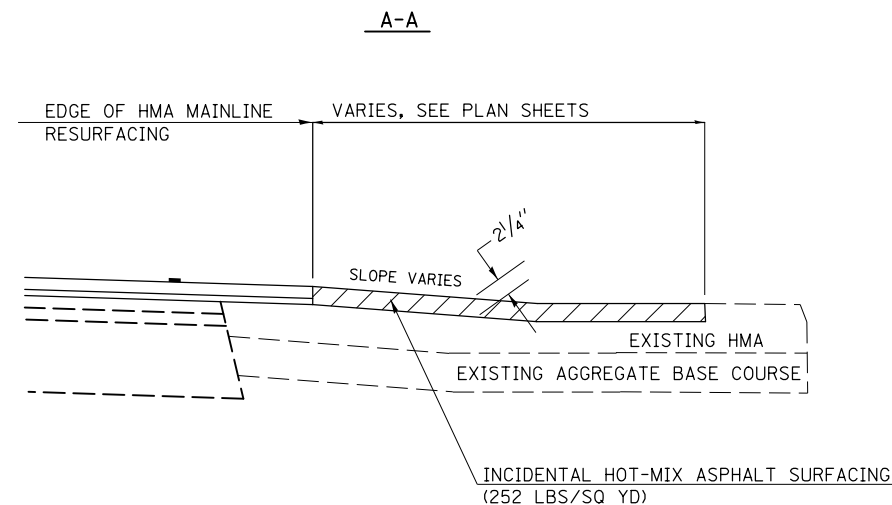
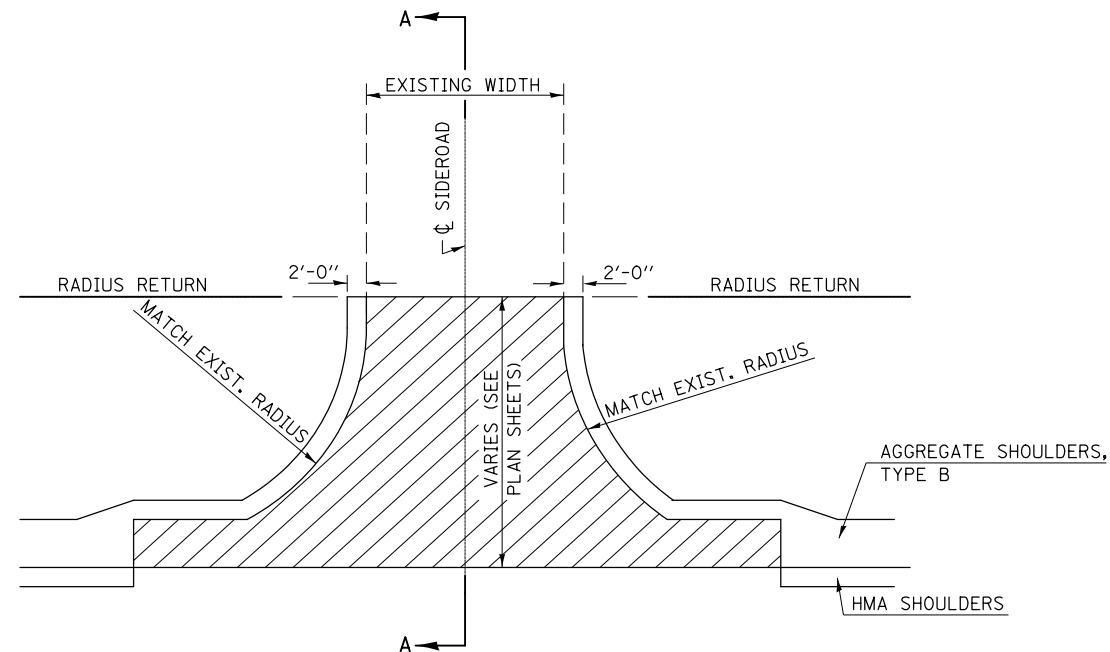
MAILBOX TURNOUTS
MILLING & RESURFACING



GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. THE INCIDENTAL HOT-MIX ASPHALT SURFACING IS INTENDED TO RESURFACE THE EXISTING ENTRANCES TO THE LIMITS SHOWN ON THE PLAN SHEETS.
3. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
4. EXISTING FIELD ENTRANCES OF AGGREGATE OR EARTH WITH NO HMA APRON SHALL NOT RECEIVE A NEW HMA APRON WITHOUT PROPER APPROVAL THROUGH THE BUREAU OF OPERATIONS "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS".
5. TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 AND 40-11 ALONG WITH DISTRICT CONSTRUCTION MEMORANDUM 03/14 DISCUSS THIS PROCEDURE.

SIDEROADS
MILLING & RESURFACING



 HOT-MIX ASPHALT REMOVAL (SPECIAL)

THE ABOVE DETAIL APPLIES AT THE FOLLOWING ENTRANCES:

- LT 310+70 C.R. 2100 E
- RT 310+79 C.R. 2100 E
- RT 417+25 C.R. 2300 E

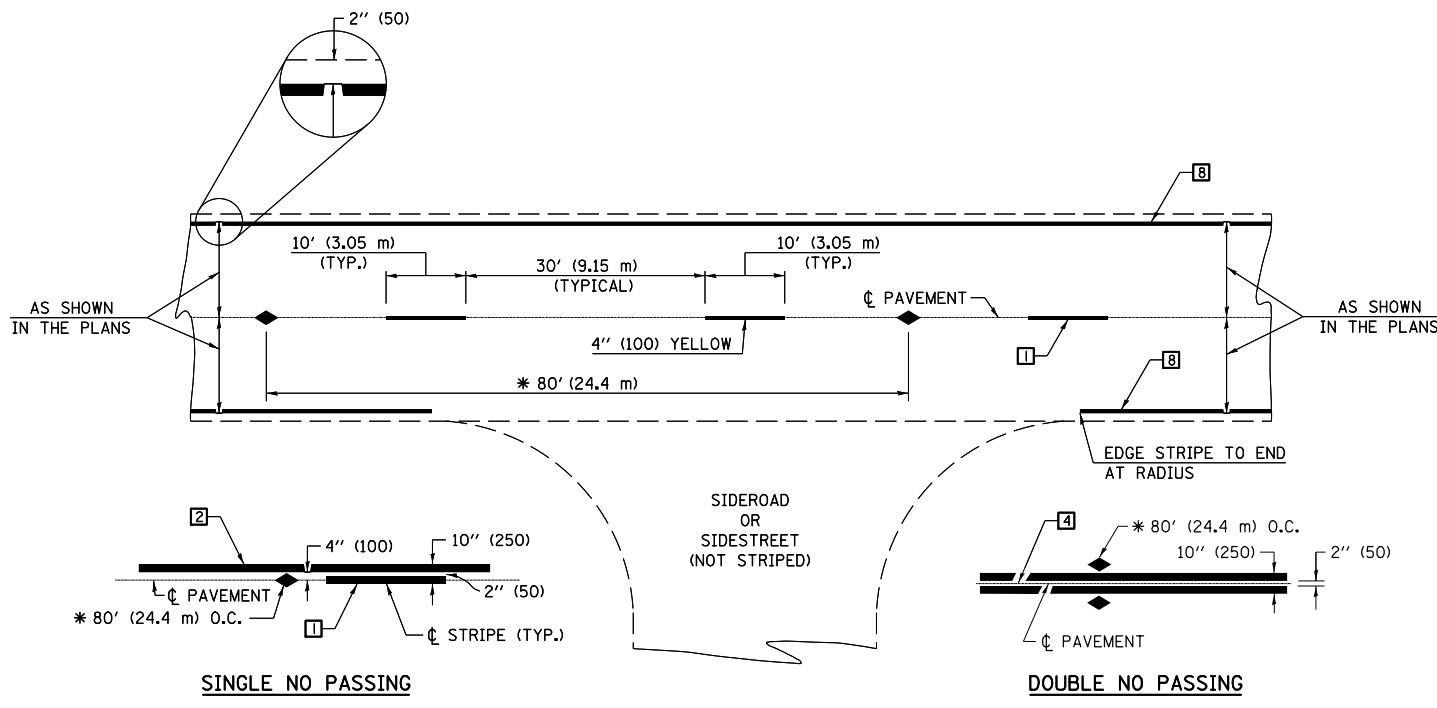
FILE NAME =	USER NAME = grozianoja	DESIGNED -	REVISED -
p:\IL\084EBID\INTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\057925-shr-Detail.dwg	DRAWN	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 3/21/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ENTRANCE DETAIL

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	23RS-2	MCLEAN	32	32
				70925
ILLINOIS FED. AID PROJECT				



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

TWO LANE/TWO WAY

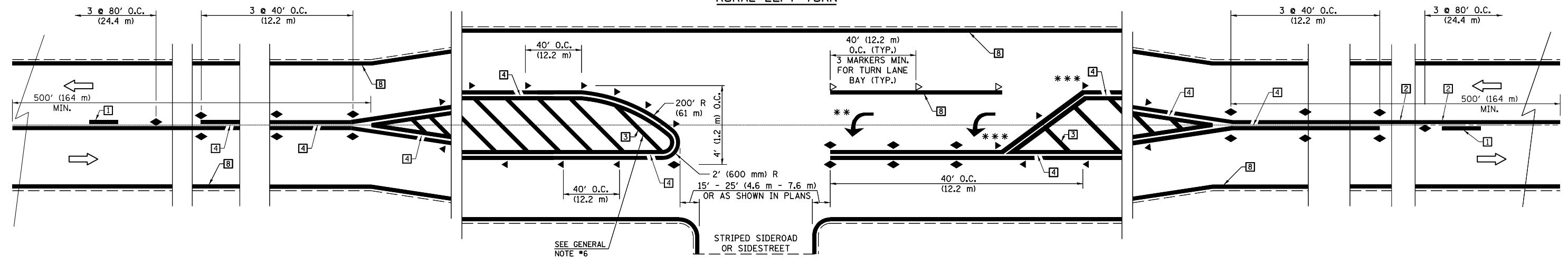
TYPICAL PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
 - 2 4" (100) SOLID (YELLOW)
 - 3 12" (300) DIAGONAL (YELLOW)
 - 4 4" (100) DOUBLE YELLOW (NARROW)
 - 5 RESERVED
 - 6 RESERVED
 - 7 4" (100) SKIP-DASH (WHITE)
 - 8 4" (100) SOLID (WHITE)
 - 9 12" (300) DIAGONAL (WHITE)
 - 10 6" (150) SOLID (WHITE)
 - 11 24" (600) STOP BAR (WHITE)
 - 12 8" (200) SOLID (WHITE)
 - 13 4" (100) LANE LINE EXTENSIONS (WHITE)
 - 14 4" (100) PARKING WHITE
-

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

RURAL LEFT TURN



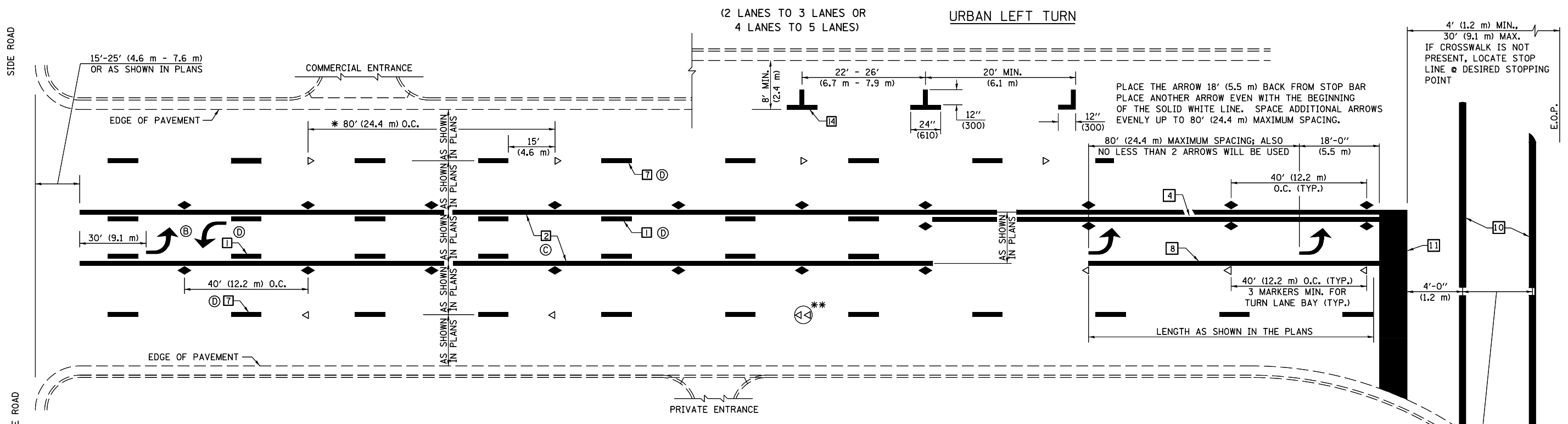
*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.
 ** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAA

FILE NAME =	USER NAME = grazianoja	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIDOT\Documents\DOT Offices\District 5\Projects\0579\Design\057925-shd-Detail.dwg	PLotted SCALE = 40.0000' / in.	CHECKED -	REVISED - 09/2009 - KJT			693	23RS-2	MCLEAN	33	33
MODELNAME	PLotted DATE = 3/21/2017	DATE -	REVISED - 04/14 - JLA			CONTRACT NO. 70925				
						ILLINOIS FED. AID PROJECT				

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

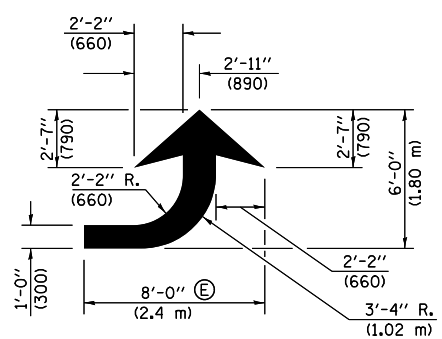


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

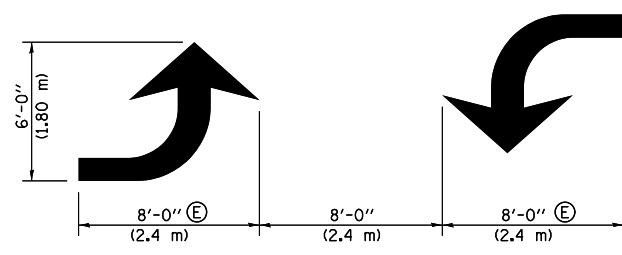
GENERAL NOTES:

- ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- ⓒ THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- ⓓ THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
- ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



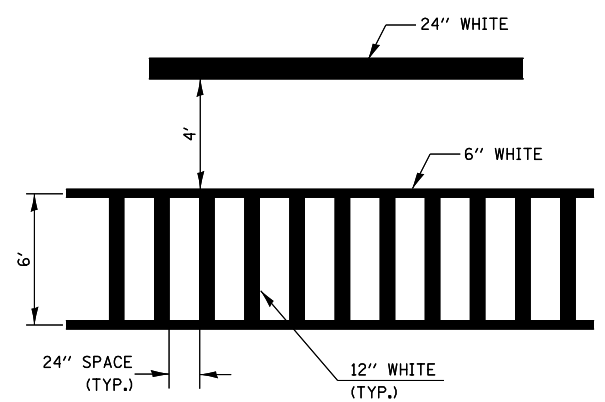
LEFT ARROW

REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)

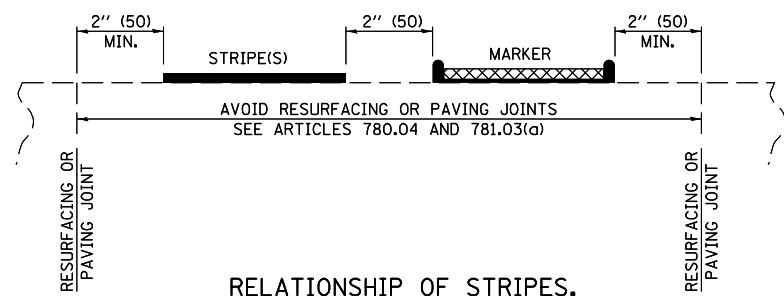


TYPICAL DOUBLE TURN ARROWS (WHITE)

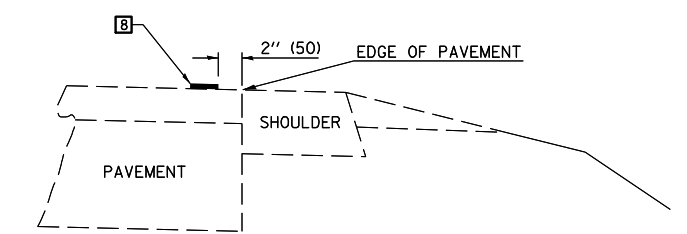
BLOOMINGTON-NORMAL CITY LIMITS ONLY



TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS



RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT
(SAFETY SHOULDER OR PAVED SURFACE)
SEE ARTICLE 780.04

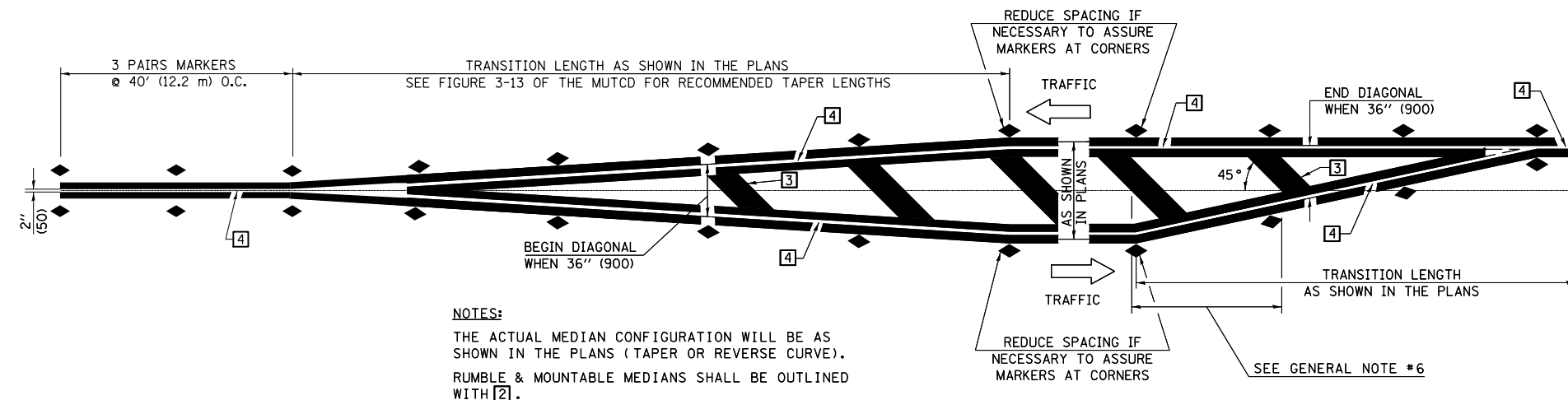
CROSSWALK WIDTH 6'-0" (1.8 m)
OR AS SHOWN IN THE PLANS

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAA

FILE NAME =	USER NAME = grazianoja	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\0579925-shd-Detail.dwg		DRAWN -	REVISED - 09/2009 - KJT			693	23RS-2	MCLEAN	34	34
		CHECKED -	REVISED - 04/14 - JLA			CONTRACT NO. 70925				
MODELNAME	PLOT DATE = 3/21/2017	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

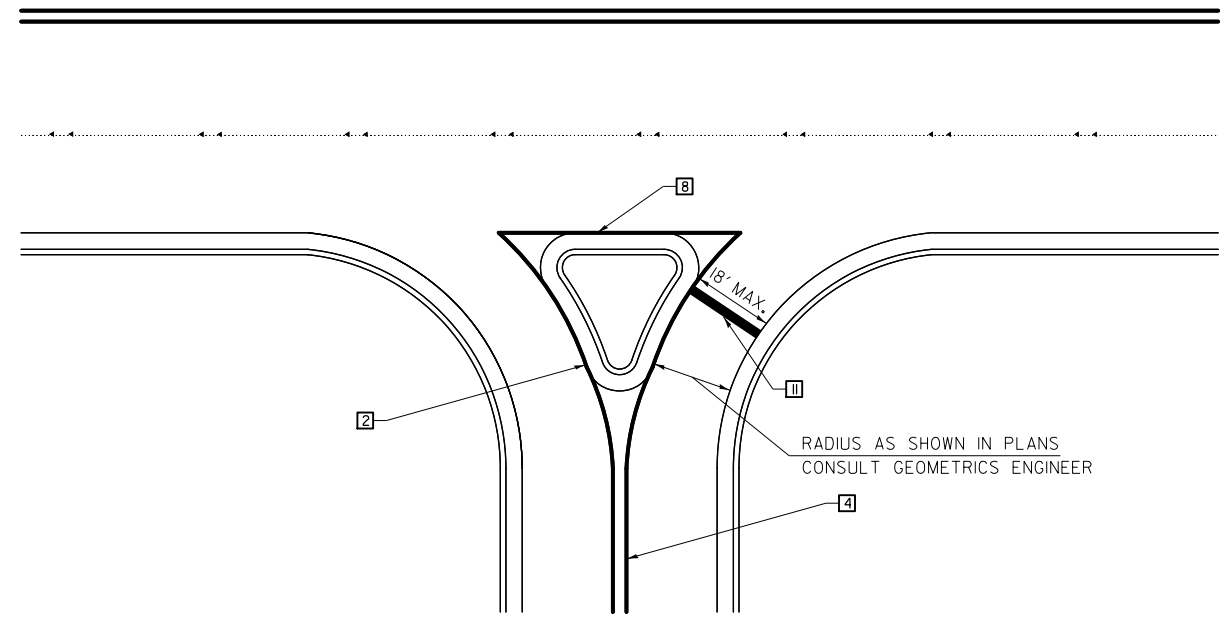


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

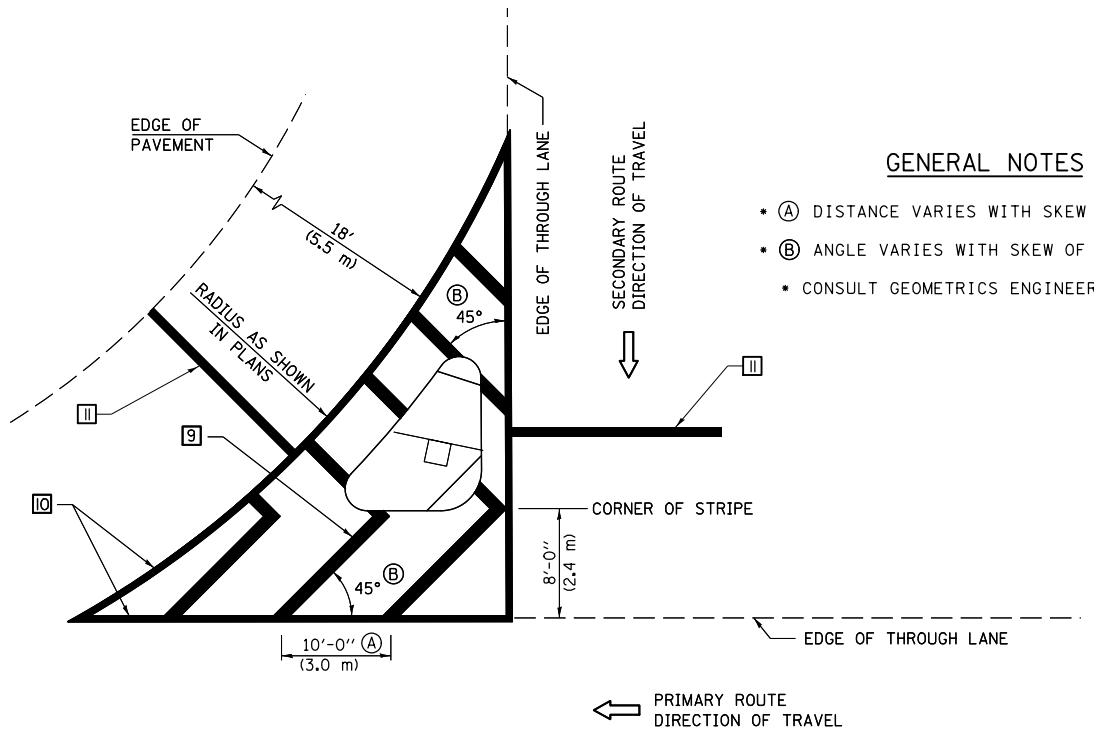
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,
 < 30 MPH USE 15' (< 50 km/h USE 4.5 m)
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
 > 45 MPH USE 30' (> 75 km/h USE 9.0 m)



RIGHT IN - RIGHT OUT ACCESS



ISLAND

GENERAL NOTES

- (A) DISTANCE VARIES WITH SKEW OF INTERSECTION.
- (B) ANGLE VARIES WITH SKEW OF INTERSECTION.
- CONSULT GEOMETRICS ENGINEER

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

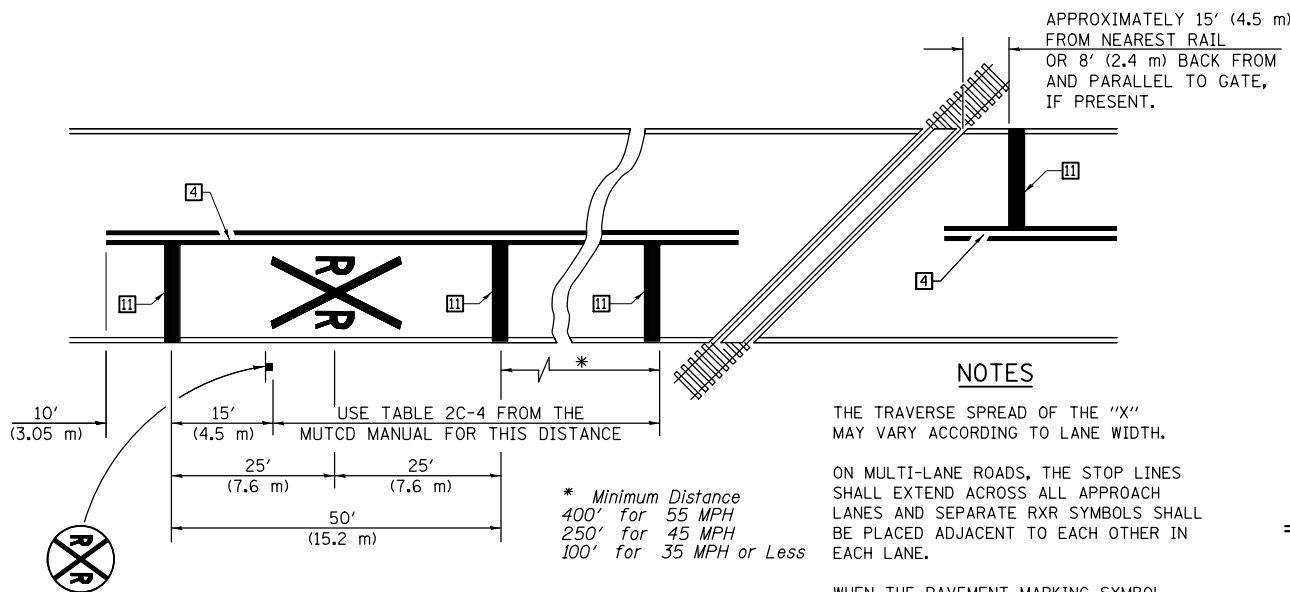
FILE NAME =	USER NAME = grazianoja	DESIGNED -	REVISED - 11/06
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\057925\Drawings\Design\057925-shd-Details.dwg		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 04/14 - JLA
\$MODELNAME\$	PLOT DATE = 3/21/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
 (RURAL & URBAN APPLICATIONS)**

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAAA				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	23RS-2	MCLEAN	35	35
CONTRACT NO. 70925				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

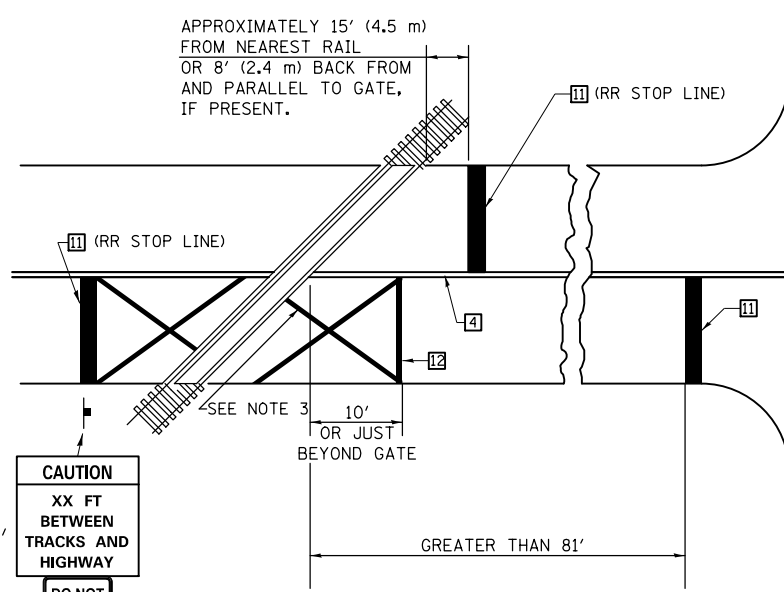
NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

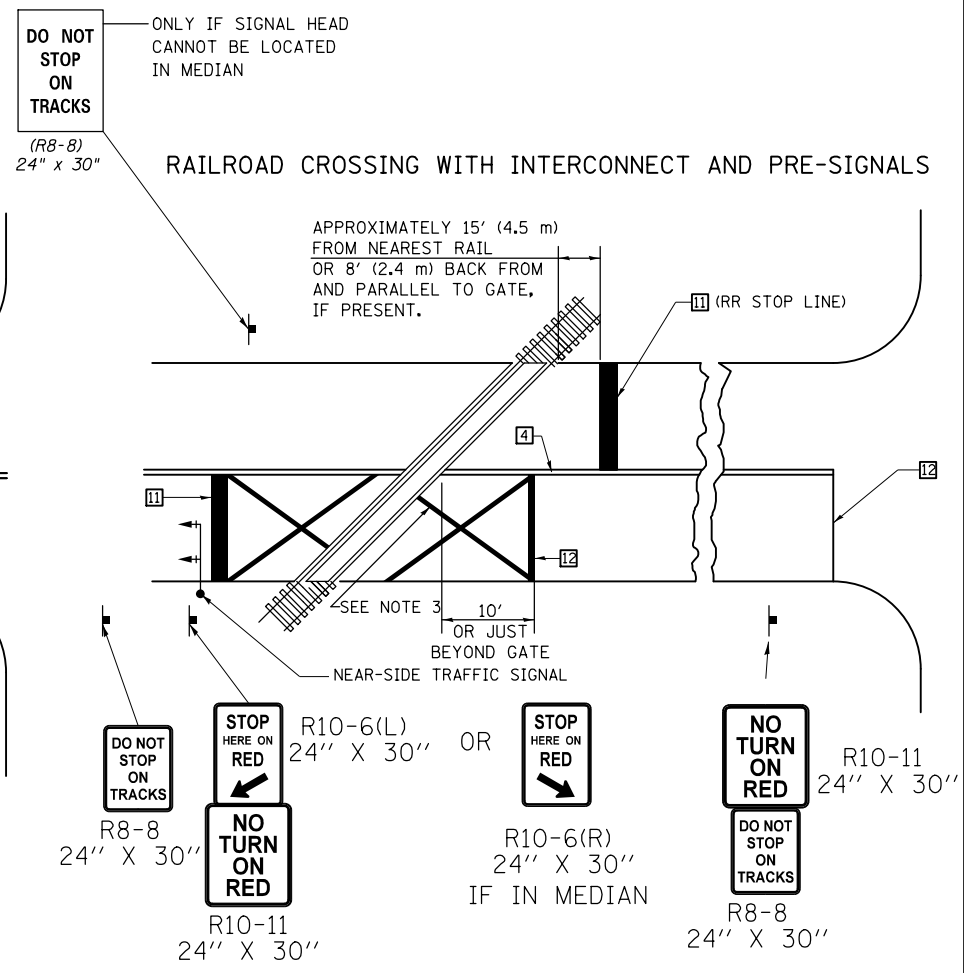
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

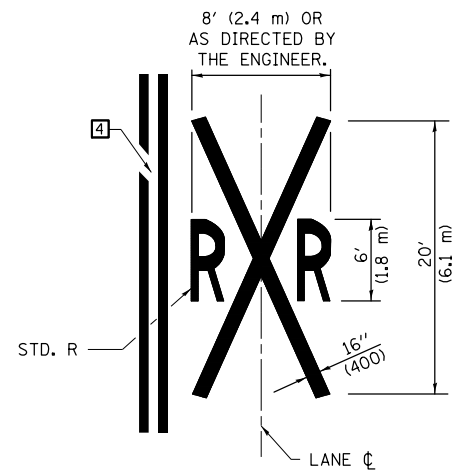
RAILROAD CROSSING WITH INTERCONNECT ONLY



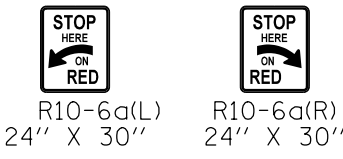
RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING



ALTERNATE SIGNS



GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- 6" WHITE PAVEMENT MARKINGS AT 45° TO PAVEMENT, 8' CENTER TO CENTER.
- XX DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICH EVER IS CLOSEST, ROUNDED DOWN TO NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
- THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTENDED TO THE INTERSECTION.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = grozianoja	DESIGNED -	REVISED - 11/06
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\0579\Design\057925-shd-Detail.dwg		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 04/14 - JLA
\$MODELNAME\$	PLOT DATE = 3/21/2017	DATE -	REVISED -

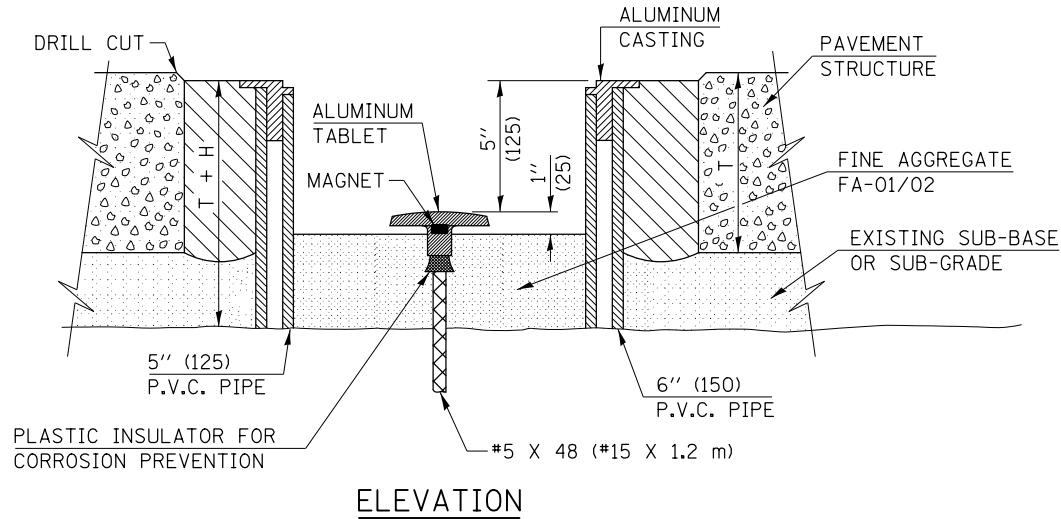
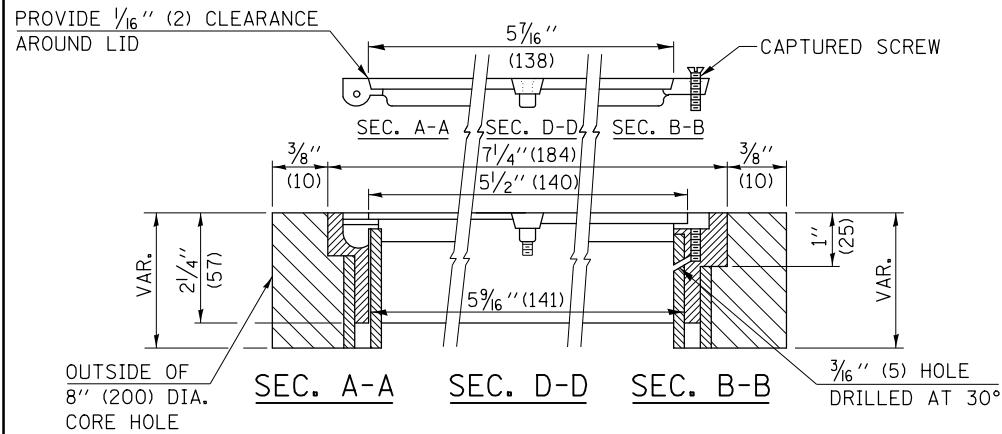
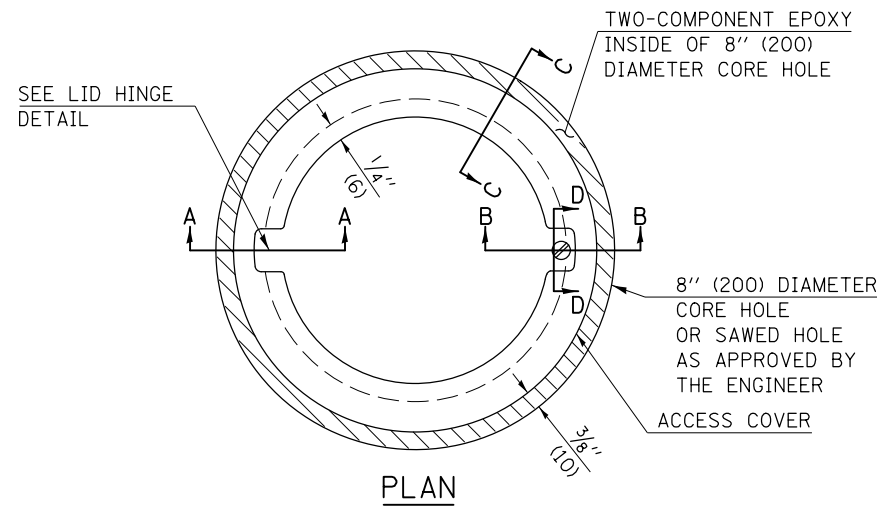
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

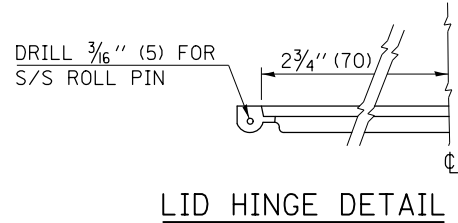
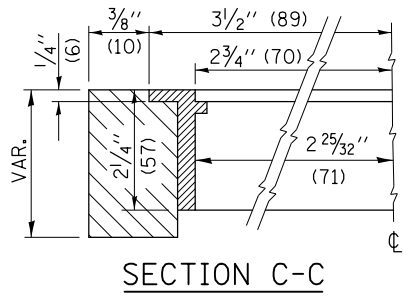
DISTRICT 5 DETAIL NO. 7800AAA			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
693	23RS-2	MCLEAN	36
			CONTRACT NO. 70925
ILLINOIS FED. AID PROJECT			

TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING LAND SURVEY MONUMENTS (SECTION OR SUBSECTION CORNERS)



LEGEND

- ALUMINUM CASTING
- 5" (125) OR 6" (150) P.V.C. PIPE
- TWO-COMPONENT EPOXY
- T = THICKNESS OF PAVEMENT STRUCTURE
- H = THE THICKNESS OF THE SUB-BASE GRANULAR + 1" (25)



SPECIFICATIONS FOR ACCESS COVER FOR USE WITH SURVEY MARKER VAULT(S) AND SURVEY MARKER COVER ASSEMBLY(S): THE ACCESS COVER WILL BE CAST FROM A SPECIAL ALUMINUM ALLOY THAT IS COMPARABLE TO BRONZE IN HARDNESS. THE ACCESS COVER SHALL BE SPECIALLY ENGINEERED AND DESIGNED TO PROVIDE A SNUG FIT, INCORPORATING EQUIDISTANT LOCKING RIDGES, INSIDE A STANDARD 6" (150 mm) DIAMETER, OR OUTSIDE A STANDARD 5" (125 mm) DIAMETER, SCHEDULE 40 PVC PIPE. THE ACCESS COVER SHALL HAVE SPECIAL UNIFORM 1" (25 mm) THICK TOP SURFACE TO PERMIT INFORMATION TO BE EASILY MACHINE-STAMPED INTO IT. THE ACCESS COVER SHALL INCLUDE A STAINLESS CAPTURED SCREW AND AN OPPOSING RECESSED HINGE ASSEMBLY AS ITS LOCKING MECHANISM. THE ACCESS COVER SHALL INCORPORATE A SPECIAL ACCESS HOLE FOR CLEANING AND DRAINAGE, DRILLED AT 30° INSIDE THE RING OF THE ACCESS COVER, TO THE DRILLED AND TAPPED HOLE PROVIDED FOR THE STAINLESS CAPTURED SCREW. COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD - 19,000-21,000 PSI (131-145 MPa); TENSILE - 38,000-44,000 PSI (262-303 MPa); ELONGATION - 10-15% IN 2" (50 mm). SPECIFICATIONS: ALLOY 535.0; QQ-A-60IES. NO EXCEPTIONS.

RE-BAR-SURVEY MARKER, TYPE I, (SPECIAL) TO BE FURNISHED BY THE CONTRACTOR AND SET BY AN ILLINOIS PROFESSIONAL LAND SURVEYOR (SEE SPECIAL DETAIL SHEET FOR ALUMINUM TABLET AND RE-BAR SPECIFICATIONS).

BILL OF MATERIAL

ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40, ALUMINUM TABLET, STAMPED IN ACCORDANCE WITH STANDARD 667101. 5/8" X 48" (#15 X 1.2 m) RE-BAR, EPOXY AND FA-01/02 AGGREGATE.

GENERAL NOTES

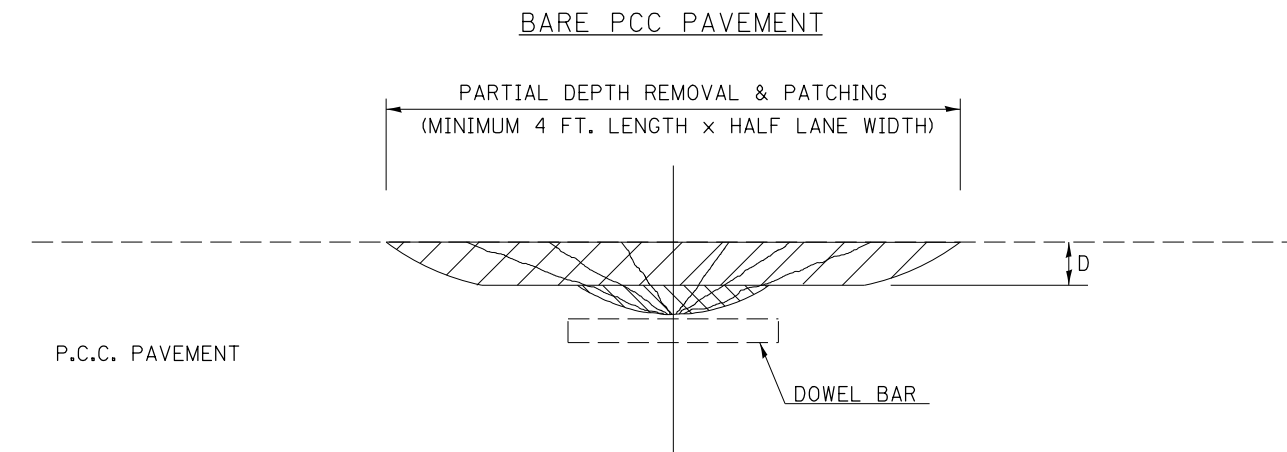
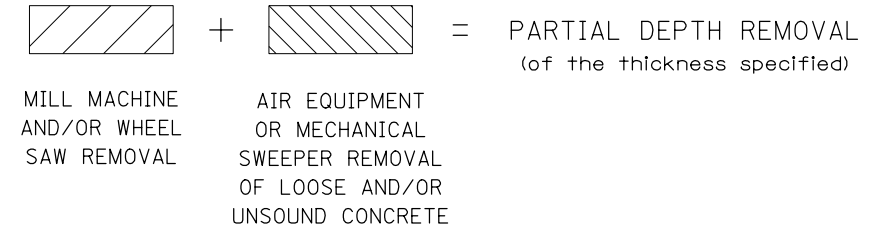
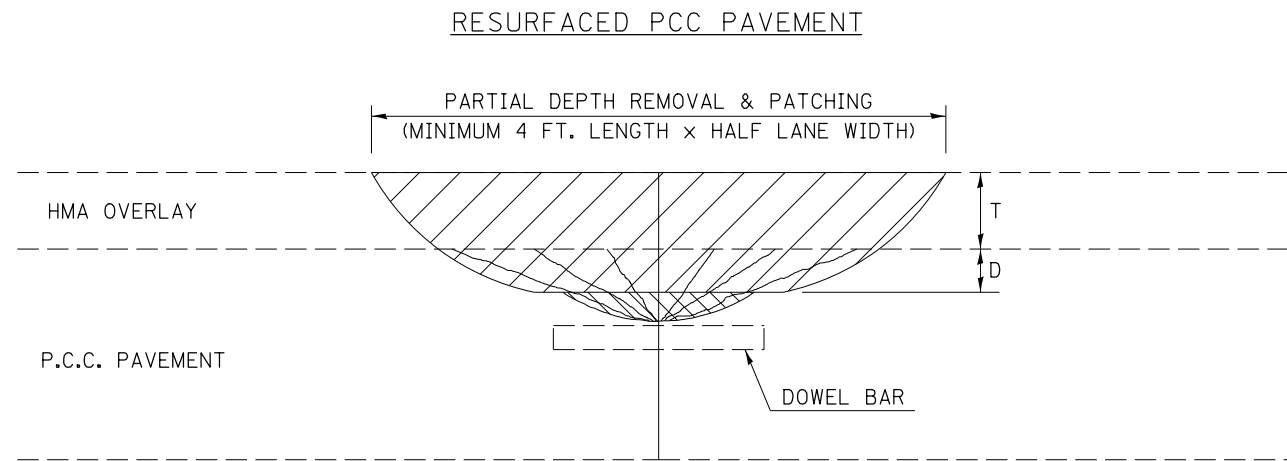
1. ALUMINUM CASTING SHALL BE EITHER PLACED OVER A 5" (125 mm) P.V.C. PIPE OR INSIDE OF A 6" (150 mm) P.V.C. PIPE.
2. BACKFILL WITH FINE AGGREGATE - FA-01/02.
3. WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF SURFACE HAS BEEN COMPLETED.
4. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MARKER VAULT WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING CORING, EPOXY AND FA-01/02 AGGREGATE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
5. THE CASTING SHALL BE ANCHORED IN THE 8" (200 mm) DIAMETER CORE HOLE WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
6. ALL SURVEY MARKER (VAULTS) SHALL BE PLACED 1/4" (6 mm) ± BELOW THE FINAL SURFACE.
7. THE 8" (200 mm) DIAMETER CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. X0301232

FILE NAME =	USER NAME = grozianoja	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SURVEY MARKER VAULT	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\057925\Design\057925-shd-Detail.dwg	DESIGNED -	REVISED -	693			23RS-2	MCLEAN	37		
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70925							
MODELNAME	PLOT DATE = 3/21/2017	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.



GENERAL NOTES

ALL VOLUME OF PARTIAL DEPTH REMOVAL SHALL BE REPLACED WITH HOT-MIX ASPHALT (HMA) AND PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR PARTIAL DEPTH PATCHING.

T = THICKNESS OF HMA OVERLAY(S). SEE EXISTING TYPICAL CROSS SECTION.

GENERAL NOTE 406H SHALL INCLUDE MIXTURE REQUIREMENTS FOR PARTIAL DEPTH PATCHING.

HMA REPLACEMENT IN RESURFACED PCC PAVEMENT LOCATIONS SHALL BE ACCORDING TO SECTION 406 OF THE STANDARD SPECIFICATIONS.

D = DEPTH OF PARTIAL DEPTH REMOVAL INTO EXISTING PCC PAVEMENT. (3" (75 mm) ± OR TO SOUND CONCRETE)

TRANSVERSE CONTRACTION JOINT SHOWN - OTHER LOCATIONS SIMILAR.

EB SHOULDER REPAIR FROM 216+59.93 TO 217+59.93 SHALL BE LESS THAN HALF LANE WIDTH.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. XX442100

FILE NAME =	USER NAME = grozianoja	DESIGNED -	REVISED - 11/06
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\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/21/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

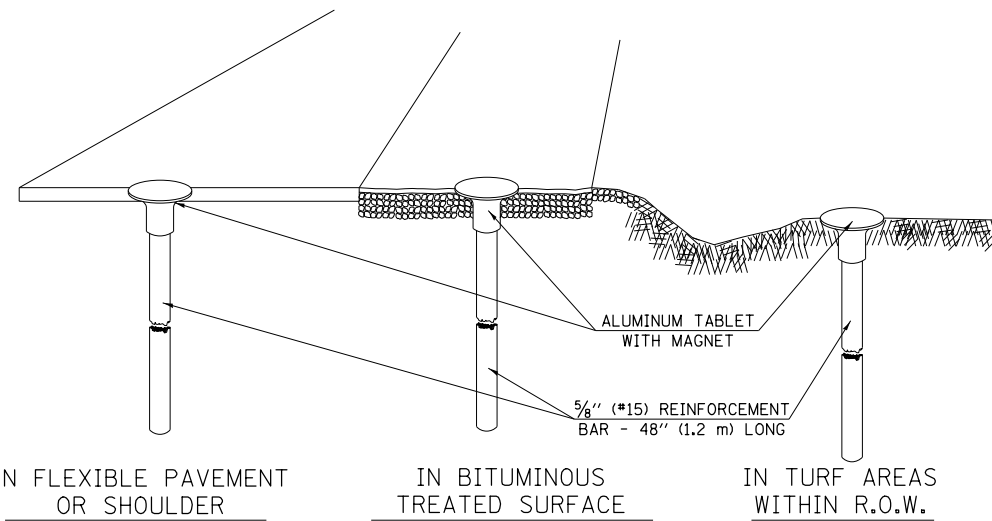
PCC PARTIAL DEPTH HOT-MIX ASPHALT PATCHING

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	23RS-2	MCLEAN		38
				CONTRACT NO. 70925
ILLINOIS FED. AID PROJECT				

XZ193300 – SURVEY MARKER, TYPE 1 (SPECIAL)

TO BE INSTALLED IN FLEXIBLE PAVEMENT OR SHOULDER, BITUMINOUS TREATED SURFACE AND TURF AREAS WITHIN THE RIGHT-OF-WAY FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



SPECIFICATIONS FOR ALUMINUM TABLET

SURVEY CAP FOR REBAR. 3/4" (83 mm) CONVEX SURVEY CAP FOR 5/8" (15 mm) REBAR WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 1/32" (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM CAP FOR REBAR SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM CAP FOR REBAR SHALL BE TAPERED FOR A PERFECT COMPRESSION FIT. A SPECIAL PLASTIC INSULATOR SHALL BE INSTALLED TO PREVENT DISSIMILAR METAL CONTACT AND CORROSION. THE PLASTIC INSULATOR SHALL FORM READILY TO THE OUTER SHAPE OF THE REBAR AND TO THE INNER SHAPE OF THE ALUMINUM CAP SOCKET. THE PLASTIC INSULATOR SHALL BE LOW DENSITY POLYETHYLENE, A MINIMUM 1 1/2" (38 mm) LONG AND CONFORM TO FEDERAL SPECIFICATION L-P 390.

COMPOSITION: ALUMINUM 98.3-98.7%; OTHER 1.3-1.7%; STRENGTH: YIELD 28 KSI (193 MPa), ULTIMATE 32 KSI (221 MPa). ELONGATION 15% [IN 2" (50 mm)]. SPECIFICATIONS: ALUMINUM ALLOY 6101-0; ASTM B317-83 (EXCEPT TEMPER) AS FORGED. NO EXCEPTIONS.

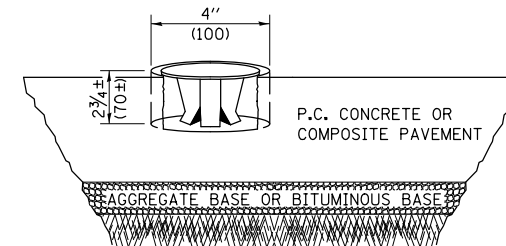
SPECIFICATIONS FOR REBAR

REBAR FOR ALUMINUM TABLET. REINFORCEMENT BAR SHALL BE 5/8" (#15) X 48" (1.2 m) (DEFORMED).

INSPECTION OF REINFORCEMENT BAR 5/8" (#15) SHALL BE DONE BY DISTRICT PERSONNEL OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS.

XZ193400 – SURVEY MARKER, TYPE 2 (SPECIAL)

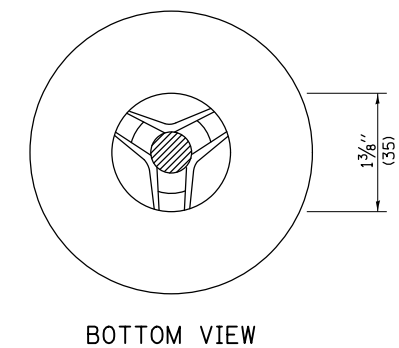
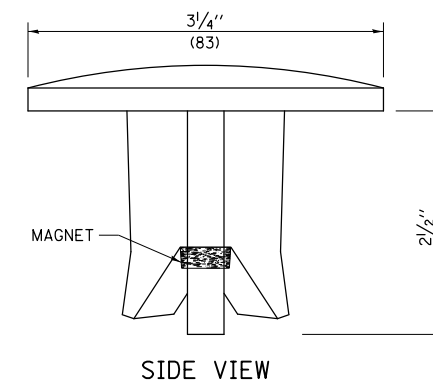
TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



SPECIFICATIONS FOR ALUMINUM TABLET (FORKED)

ALUMINUM TABLET (FORKED) FOR USE WITH "SURVEY MARKER, TYPE 2, (SPECIAL)" SHALL BE AS SHOWN ON THE DETAIL FOR THE 3/4" (83 mm) CONVEX SURVEY TABLET WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE FOR LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 1/32" (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM TABLET SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM TABLET SHALL BE DESIGNED NOT TO TURN OR ROTATE. THREE PRONGS ON A 2 1/2" (63 mm) STEM SHALL BE SUCH THAT THE ALUMINUM TABLET CANNOT BE EASILY REMOVED.

COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD 19,000-21,000 PSI (131-145 MPa); TENSILE 38,000-44,000 PSI (262-303 MPa); ELONGATION 10-15% [IN 2" (50 mm)]. SPECIFICATIONS: ALLOY 535.0; QQ-A-601ES. NO EXCEPTIONS.



THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

GENERAL NOTES

- WORK ON THIS ITEM SHALL NOT START UNTIL THE FINAL SURFACE IS COMPLETED.
- THE ALUMINUM TABLET (FORKED) SHALL REST UPON THE BOTTOM OF THE 4" (100 mm) CORE HOLE. IF THE HOLE IS TOO DEEP, EPOXY GROUT MUST BE USED TO DECREASE THE DEPTH AND ALLOWED TO HARDEN BEFORE PROCEEDING.
- THE ALUMINUM TABLET SHALL BE ANCHORED IN THE 4" (100 mm) DIAMETER HOLE IN THE NEW PAVEMENT WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
- THE 4" (100 mm) CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
- THE CONTRACT PRICE, EACH, FOR SURVEY MARKER, TYPE 2 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE, AS SPECIFIED, INCLUDING CORING THE NEW PAVEMENT.
- ALL SURVEY MARKERS, TYPE 2 (SPECIAL) SHALL BE PLACED ± 1/4" (6 mm) BELOW THE FINAL SURFACE.

GENERAL NOTES

- THE CONTRACT UNIT PRICE, EACH, FOR SURVEY MARKER, TYPE 1 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE REINFORCEMENT BAR AND ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE.
- ALL SURVEY MARKERS, TYPE 1 (SPECIAL) SHALL BE PLACED ± 1/4" (6 mm) BELOW THE FINAL SURFACE.
- WHEN THE TABLET AND REBAR ARE PLACED AS PART OF A SURVEY MARKER VAULT, THEY SHALL BE CONSIDERED AS INCLUDED IN THAT PAY ITEM AND THERE WILL BE NO PAYMENT FOR THE SURVEY MARKER, TYPE 1 (SPECIAL).

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = grazianoja	DESIGNED -	REVISED - 11/06
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\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/21/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY MARKERS TYPE 1 & 2 (SPECIAL)

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. XZ193AAA			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
693	23RS-2	MCLEAN	39
			CONTRACT NO. 70925
ILLINOIS FED. AID PROJECT			