

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	111,112)RS-3	CLARK	34	1
ILLINOIS			CONTRACT NO. 74968	

PROPOSED HIGHWAY PLANS

FAP ROUTE 832 (IL 49)
SECTION (111,112)RS-3
PROJECT STP-17K5(401)
SMART RESURFACING
CLARK COUNTY

C-97-048-20

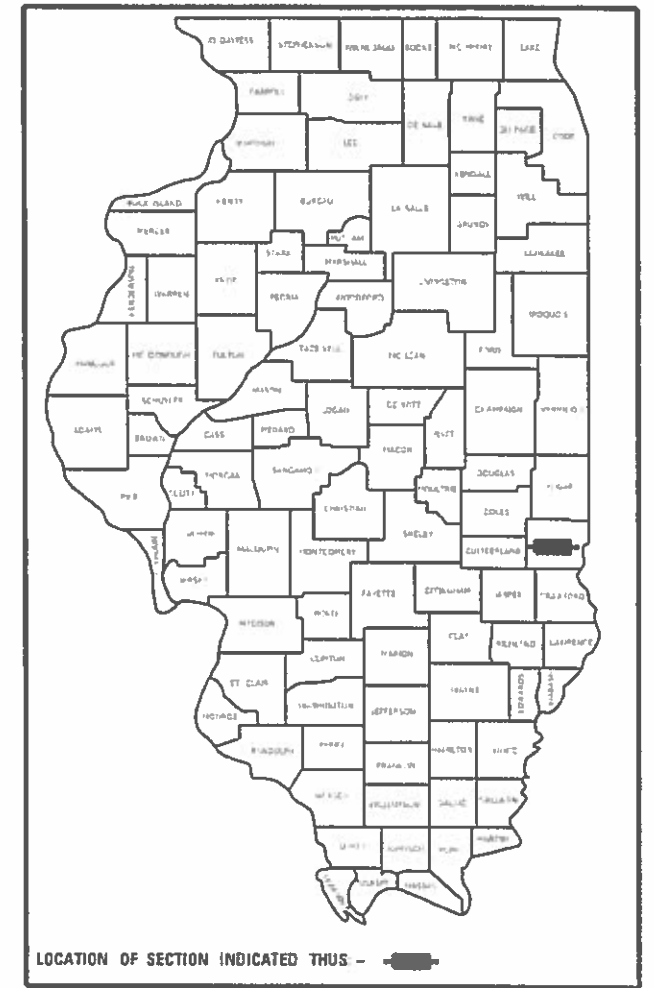
FOR INDEX OF SHEETS, SEE SHEET NO. 2

BRIDGE OMISSION:
STA 381+29.5 TO STA 382+42.5

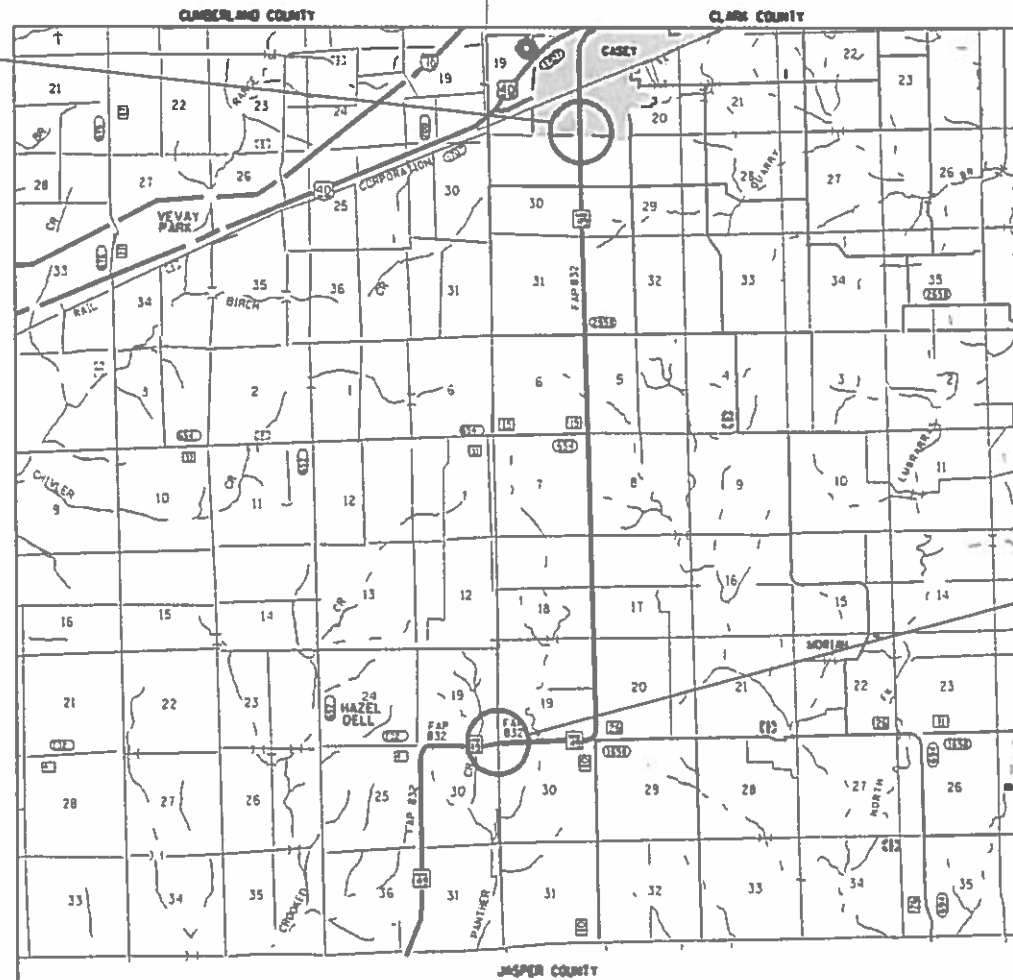
STATION ELEVATION:
STA 352+67.84BK = 355+72.60AH

2017 ADT = 1,550

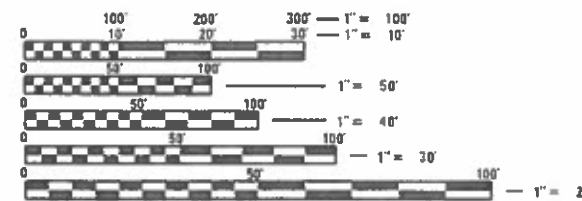
D-97-044-20



PROJECT BEGINS
STA. 30+98



PROJECT ENDS
STA. 402+93



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 EXCAVATORS
1-800-892-0123
OR 811

PROJECT ENGINEER: DEBRA BARRETT
PROJECT MANAGER: RAY REYNOLDS

CONTRACT NO. 74968

GROSS LENGTH = 36,960 FT. = 7.00 MILES
NET LENGTH = 36,960 FT. = 7.00 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED FEBRUARY 3 20 20
Jeffrey P. Mynar REGIONAL ENGINEER

March 20 20 20
E.A. Etk ENGINEER OF DESIGN AND ENVIRONMENT

March 20 20 20
James J. Orr DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	TITLE
1	COVER SHEET
2	INDEX OF SHEETS AND LIST OF STANDARDS
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4 - 5	SUMMARY OF QUANTITIES
6 - 7	TYPICAL SECTIONS
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28	BUTT JOINT & TRANSITION DETAILS
29	SURVEY MARKER VAULT DETAIL
30	ENTRANCE DETAILS
31 - 34	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 33:

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
406201-01	MAILBOX TURNOUT
442201-03	CLASS C AND D PATCHES
642006	SHOULDER RUMBLE STRIPS, 8 IN.
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY FOR SPEEDS \geq 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS, DAY ONLY, FOR SPEEDS \geq 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

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GENERAL NOTES

THIS PROJECT IS LOCATED ON FAP ROUTE 832 (IL 49) IN CLARK COUNTY, FROM JUST SOUTH OF TYLER AVENUE IN CASEY TO THE CUMBERLAND COUNTY LINE. THE WORK INCLUDED IN SECTION (111,112)RS-3 CONSISTS OF PAVEMENT PATCHING, MILLING, HOT-MIX ASPHALT RESURFACING OF MAINLINE AND SHOULDERS, AGGREGATE WEDGE SHOULDERS, PAVEMENT MARKING, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

THE EXISTING PAVEMENT SURFACE SHALL BE MILLED TO A DEPTH OF 1/2" (UNLESS NOTED OTHERWISE) AT THE CENTERLINE AND THE OUTSIDE EDGE. THIS WORK SHALL BE PAID FOR AS HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL.

MILLING FOR "HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL" AND "HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"". THE MILLING DEPTH SHALL REMOVE THE ENTIRE LIFT OF EXISTING CAPE SEAL SURFACE COURSE.

THE CONTRACTOR SHALL HAVE THE RESPONSIBILITY OF PROVING THE CAPE SEAL SURFACE MATERIAL MILLED DOES NOT CONTAIN GRAVEL. THE MILLED MATERIAL SHALL BE STOCKPILED SEPARATELY AND HAVE EXTRACTION TESTS PERFORMED TO DETERMINE THE ASPHALT BINDER CONTENT. THE CONTRACTOR SHALL WORK WITH DISTRICT MATERIALS TO CLASSIFY THE STOCKPILE ACCORDING TO THE RAP SPECIAL PROVISION.

ALL SHOULDER SURFACE COURSE SHALL BE APPLIED CONCURRENTLY WITH THAT OF MAINLINE ROADWAY SURFACE COURSE.

THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON TOP OF THE EXISTING PAVEMENT AFTER MILLING.

THE QUANTITIES FOR PATCHING ITEMS ARE ESTIMATES. THE ACTUAL LOCATIONS AND QUANTITIES WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

OMIT RUMBLE STRIPS AT MAILBOX TURNOUTS 60' BOTH SIDES OF THE MAILBOX OR AS DETERMINED BY THE ENGINEER. THE 60' OMISSIONS EACH SIDE OF A MAILBOX TURNOUT WILL NOT BE MEASURED FOR PAYMENT.

THE MATERIAL USED FOR AGGREGATE WEDGE SHOULDERS, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE OR RAP. THE MATERIAL USED FOR AGGREGATE SURFACE COURSE, TYPE B SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE TWO-WAY AMBER ON CENTER LINE AND ONE-WAY CRYSTAL ON EDGE LINE.

QUANTITIES FOR RAISED REFLECTIVE PAVEMENT MARKERS CONSIST OF 486 AMBER TWO-WAY AND 101 CRYSTAL ONE-WAY.

WHEN APPLYING SHORT TERM PAVEMENT MARKINGS, TEMPORARY TAPE SHALL BE USED ON THE SURFACE COURSE AND PAINT SHALL BE USED ON MILLED SURFACES. ADDITIONAL QUANTITY IS CALCULATED FOR APPLICATION TO MILLED SURFACE AFTER PRIME COAT HAS BEEN APPLIED.

QUANTITIES FOR PAINT PAVEMENT MARKING - LINE 4" CONSISTS OF 18,181 FEET OF YELLOW AND 72,010 FEET OF WHITE.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE: HMA SURFACE COURSE, 1 1/2"
 APPLICATION: POLYMERIZED HOT-MIX ASPHALT SURFACE
 PG GRADE: SBS PG 70-22
 DESIGN AIR VOIDS: 4.0% @ N=90
 MIXTURE COMPOSITION: IL-9.5
 FRICTION AGGREGATE: MIXTURE D
 QUALITY MANAGEMENT: PFP

MIXTURE USE: CLASS D PATCHING
 APPLICATION: HOT-MIX ASPHALT PATCHES
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4.0% @ N=90
 MIXTURE COMPOSITION: IL-19.0
 FRICTION AGGREGATE: N/A
 QUALITY MANAGEMENT: QC/QA

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

AGGREGATE SURFACE COURSE 2.05 TONS/CU YD
 AGGREGATE WEDGE SHOULDERS 2.05 TONS/CU YD
 HOT-MIX ASPHALT 112 LBS/SQ YD/INCH

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PLOT DATE = 2/10/2020	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(111,112)RS-3	CLARK	34	3
			CONTRACT NO. 74968	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			80% FED 20% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	150	150		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	55181	55181		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	313	313		
40600990	TEMPORARY RAMP	SQ YD	68	68		
40604164	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	TON	10011	10011		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	476	476		
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	2685	2685		
44201798	CLASS D PATCHES, TYPE I, 13 INCH	SQ YD	50	50		
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	1221	1221		
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	32	32		
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	50	50		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1530	1530		
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	70617	70617		
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	10	10		

SUMMARY OF QUANTITIES			80% FED 20% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6		
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	6	6		
67100100	MOBILIZATION	L SUM	1	1		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	11067	11067		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2451	2451		
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	90192	90192		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	586	586		
X0326440	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SQ YD	5668	5668		
X4060995	TEMPORARY RAMP, SPECIAL	SQ YD	301	301		
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	119606	119606		

* SPECIALTY ITEM

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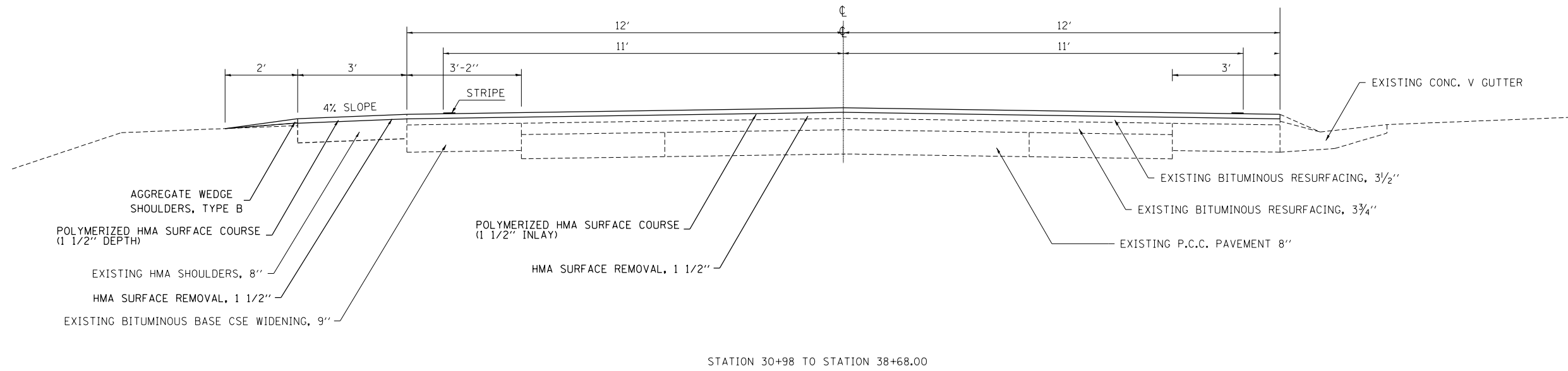
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

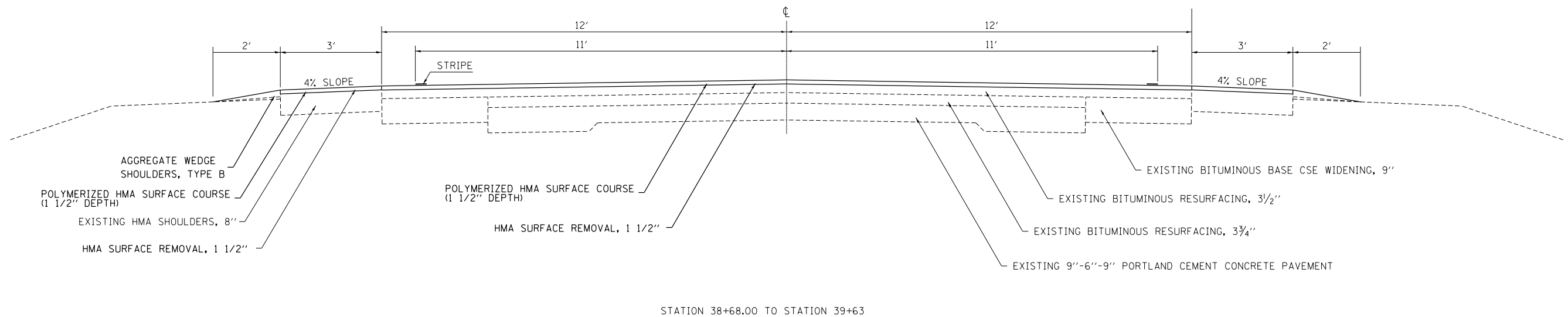
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(111,112)RS-3	CLARK	34	4
CONTRACT NO. 74968			ILLINOIS FED. AID PROJECT	

TYPICAL CROSS SECTION
F. A. P. 832 (IL. 49)



TYPICAL CROSS SECTION
F. A. P. 832 (IL. 49)



HMA SHOULDER OMISSION:
STATION 379+03 TO STATION 384+57 RT
STATION 379+03 TO STATION 384+57 LT

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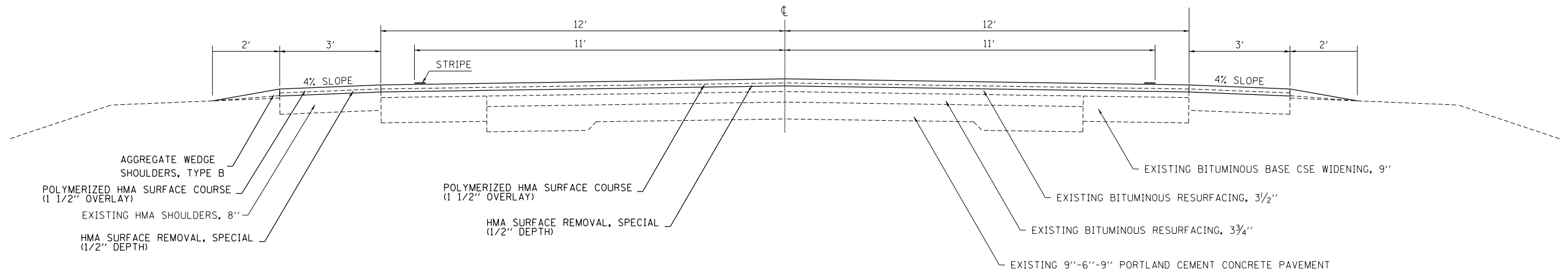
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

SCALE: N/A SHEET 1 OF 2 SHEETS STA. TO STA.

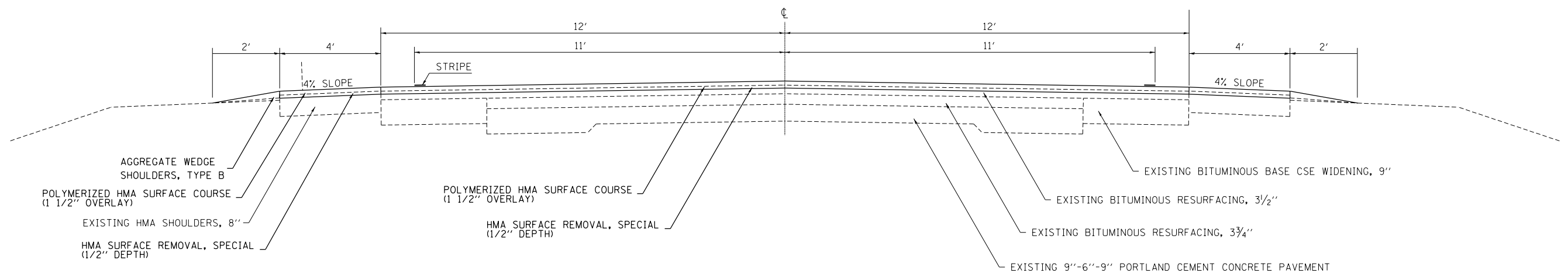
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(111.112)RS-3	CLARK	34	6
CONTRACT NO. 74968				
ILLINOIS FED. AID PROJECT				

TYPICAL CROSS SECTION
F. A. P. 832 (IL. 49)



STATION 39+63.00 TO STATION 343+00
STATION 356+15 TO STATION 379+10
STATION 384+59 TO STATION 402+93

TYPICAL CROSS SECTION
F. A. P. 832 (IL. 49)



STATION 343+00 TO STATION 352+67.84
STATION 355+72.60 TO STATION 356+15
STATION 379+10 TO STATION 381+29
STATION 382+42 TO STATION 384+59

OMISSION:
STATION 352+67.84BK TO 355+72.60AH (STATION EQUATION)
STATION 381+29 TO STATION 382+42 (BRIDGE OMISSION)

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 2/10/2020	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

AGGREGATE WEDGE SHOULDER (LEFT)					
STATION FROM	STATION TO	DESCRIPTION	LENGTH (FT)	WIDTH (FT)	AGGREGATE WEDGE SHOULDER, TYPE B 48102100 (TON)
030+98.00	070+08.00		3910.0	3.0	83.5
070+08.00	070+32.00	AGG ENTRANCE OMISSION	24.0		
070+32.00	083+34.00		1302.0	3.0	27.8
083+34.00	083+68.00	AGG ENTRANCE OMISSION	34.0		
083+68.00	093+35.00		967.0	3.0	20.6
093+35.00	093+55.00	AGG ENTRANCE OMISSION	20.0		
093+55.00	122+39.00		2884.0	3.0	61.6
122+39.00	122+59.00	AGG ENTRANCE OMISSION	20.0		
122+59.00	142+08.00		1949.0	3.0	41.6
142+08.00	142+30.00	AGG ENTRANCE OMISSION	22.0		
142+30.00	148+51.00		621.0	3.0	13.3
148+51.00	148+75.00	AGG ENTRANCE OMISSION	24.0		
148+75.00	166+87.00		1812.0	3.0	38.7
166+87.00	167+03.00	AGG ENTRANCE OMISSION	16.0		
167+03.00	171+83.00		480.0	3.0	10.3
171+83.00	171+97.00	AGG ENTRANCE OMISSION	14.0		
171+97.00	173+27.50		130.5	3.0	2.8
173+27.50	173+40.50	AGG ENTRANCE OMISSION	13.0		
173+40.50	181+83.50		843.0	3.0	18.0
181+83.50	181+96.50	AGG ENTRANCE OMISSION	13.0		
181+96.50	182+51.50		55.0	3.0	1.2
182+51.50	182+66.50	AGG ENTRANCE OMISSION	15.0		
182+66.50	199+16.50		1650.0	3.0	35.2
199+16.50	199+41.50	AGG ENTRANCE OMISSION	25.0		
199+41.50	210+46.00		1104.5	3.0	23.6
210+46.00	210+62.00	AGG ENTRANCE OMISSION	16.0		
210+62.00	234+47.00		2385.0	3.0	50.9
234+47.00	234+71.00	AGG ENTRANCE OMISSION	24.0		
234+71.00	281+20.00		4649.0	3.0	99.3
281+20.00	281+48.00	AGG ENTRANCE OMISSION	28.0		
281+48.00	288+45.50		697.5	3.0	14.9
288+45.50	288+62.50	AGG ENTRANCE OMISSION	17.0		
288+62.50	301+52.50		1290.0	3.0	27.5
301+52.50	301+73.50	AGG ENTRANCE OMISSION	21.0		
301+73.50	310+60.00		886.5	3.0	18.9
310+60.00	310+90.00	AGG ENTRANCE OMISSION	30.0		
310+90.00	322+45.00		1155.0	3.0	24.7
322+45.00	322+71.00	AGG ENTRANCE OMISSION	26.0		
322+71.00	326+05.50		334.5	3.0	7.1
326+05.50	326+24.50	AGG ENTRANCE OMISSION	19.0		
326+24.50	339+01.00		1276.5	3.0	27.3
339+01.00	339+31.00	AGG ENTRANCE OMISSION	30.0		
339+31.00	352+67.84		1336.8	3.0	28.5
352+67.84	355+72.60	STATION EQUATION	304.8		
355+72.60	363+23.00		750.4	3.0	16.0
363+23.00	363+41.00	AGG ENTRANCE OMISSION	18.0		
363+41.00	367+02.00		361.0	3.0	7.7
367+02.00	367+20.00	AGG ENTRANCE OMISSION	18.0		
367+20.00	376+97.00		977.0	3.0	20.9
376+97.00	377+17.00	AGG ENTRANCE OMISSION	20.0		
377+17.00	381+29.00		412.0	3.0	8.8
381+29.00	382+42.00	BRIDGE OMISSION	113.0		

AGGREGATE WEDGE SHOULDER (LEFT) CONT. (2 OF 2)

STATION	STATION	DESCRIPTION	LENGTH	WIDTH	AGGREGATE WEDGE SHOULDER, TYPE B 48102100
382+42.00	389+75.00		733.0	3.0	15.7
389+75.00	389+93.00	AGG ENTRANCE OMISSION	18.0		
389+93.00	402+93.00		1300.0	3.0	27.8
TOTAL					774

SHOULDER RUMBLE STRIP (LEFT)					
STATION FROM	STATION TO	DESCRIPTION	LENGTH (FT)	WIDTH (FT)	SHOULDER RUMBLE STRIPS, 8 INCH 64200108 (FOOT)
030+98.00	056+40.00		2542.0		2542.0
056+40.00	057+04.00	INT	64.0		
057+04.00	077+06.50		2002.5		2002.5
077+06.50	077+37.50	PE	31.0		
077+37.50	093+35.00		1597.5		1597.5
093+35.00	093+55.00	PE	20.0		
093+55.00	105+78.50		1223.5		1223.5
105+78.50	106+17.50	CE	39.0		
106+17.50	107+26.50		109.0		109.0
107+26.50	107+55.50	PE	29.0		
107+55.50	135+20.00		2764.5		2764.5
135+20.00	135+80.00	PRA	60.0		
135+80.00	160+33.00		2453.0		2453.0
160+33.00	161+41.00	CE	108.0		
161+41.00	161+68.50		27.5		27.5
161+68.50	162+37.50	CE	69.0		
162+37.50	187+79.50		2542.0		2542.0
187+79.50	188+40.50	PRA	61.0		
188+40.50	215+91.50		2751.0		2751.0
215+91.50	216+28.50	PE	37.0		
216+28.50	227+54.50		1126.0		1126.0
227+54.50	227+81.50	PE	27.0		
227+81.50	241+45.00		1363.5		1363.5
241+45.00	242+05.00	PRA	60.0		
242+05.00	243+16.00		111.0		111.0
243+16.00	243+44.00	PE	28.0		
243+44.00	248+71.50		527.5		527.5
248+71.50	248+98.50	PE	27.0		
248+98.50	249+43.00		44.5		44.5
249+43.00	249+95.00	PE	52.0		
249+95.00	268+20.00		1825.0		1825.0
268+20.00	268+80.00	PRA	60.0		
268+80.00	308+86.00		4006.0		4006.0
308+86.00	309+20.00	PE	34.0		
309+20.00	310+10.00		90.0		90.0
310+10.00	310+36.00	PE	26.0		
310+36.00	344+59.00		3423.0		3423.0
344+59.00	346+55.00	PRA	196.0		
346+55.00	352+67.84		612.8		612.8
352+67.84	355+72.60	STATION EQUATION	304.8		
355+72.60	381+29.00		2556.4		2556.4
381+29.00	382+42.00	BRIDGE OMISSION	113.0		
382+42.00	383+02.00		60.0		60.0
383+02.00	383+26.00	PE	24.0		
383+26.00	386+00.00		274.0		274.0
386+00.00	386+30.00	PE	30.0		
386+30.00	395+60.00		930.0		930.0
395+60.00	395+90.00	PE	30.0		
395+90.00	402+17.50		627.5		627.5
402+17.50	402+52.50	PRA	35.0		
402+52.50	402+93.00		40.5		40.5
TOTAL					35630

CONT. (1 OF 2)

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PLOT DATE = 2/10/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(111,112)R5-3	CLARK	34	9
CONTRACT NO. 74968				
ILLINOIS		FED. AID PROJECT		

ENTRANCE SCHEDULE													
SURFACE THICKNESS (IN) 1.5													
DESCR.	NOTE	STATION	L/R	RAMP (Y/N)	MATL.	LENGTH "L" (FT)	WIDTH @ SHOULDER (FT)	WIDTH @ "L" (FT)	AREA (SF)	INCIDENTAL HOT-MIX ASPHALT SURFACING 40800050 (TON)	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL) X0326440 (SQ YD)	AGGREGATE SURFACE COURSE, TYPE B 40200800 (TON)	TEMPORARY RAMP, SPECIAL X4060995 (SQ YD)
PE		39+46.00	R		HMA	10.0	38.0	33.0	792.0	7.4	88.0		
FE		43+60.00	R		AGG	10.0	25.0	15.0	262.5			2.5	
PRA	950th	56+72.00	L	Y	HMA	33.0	64.0	23.0	1115.5	10.4	123.9		12.8
PRA	950th	56+77.00	R	Y	HMA	22.0	60.0	22.0	902.0	8.4	100.2		12.2
PE		67+09.00	R		AGG	10.0	42.0	31.0	806.0			7.6	
PE		69+13.00	R		HMA	10.0	32.0	20.0	420.0	3.9	46.7		
MB		69+32.00	R		HMA	28.0	4.0		56.0	0.5	6.2		
FE		70+20.00	L		AGG	10.0	24.0	20.0	340.0			3.2	
PE		77+22.00	L		HMA	10.0	31.0	16.0	328.0	3.1	36.4		
MB		77+37.00	R		HMA	49.0	5.0		122.5	1.1	13.6		
FE		83+17.00	R		AGG	24.0	24.0	18.0	432.0			4.1	
FE		83+51.00	L		AGG	10.0	34.0	22.0	484.0			4.6	
FE		88+88.00	R		AGG	10.0	18.0	18.0	252.0			2.4	
MB		92+41.00	R		HMA	45.0	5.0		112.5	1.1	12.5		
PE		93+45.00	L		AGG	10.0	20.0	17.0	255.0			2.4	
FE		93+48.00	R		HMA	10.0	39.0	17.0	416.5	3.9	46.3		
CE	AGG	105+98.00	L		HMA	10.0	39.0	17.0	416.5	3.9	46.3		
MB		107+08.0	R		HMA	45.0	6.0		135.0	1.3	15.0		
PE		107+41.0	L		HMA	10.0	29.0	21.0	409.5	3.8	45.5		
FE		109+44.0	R		AGG	10.0	24.0	21.0	357.0			3.4	
FE		122+42.0	R		AGG	10.0	20.0	16.0	240.0			2.3	
FE		122+49.0	L		AGG	10.0	20.0	20.0	300.0			2.8	
CE		125+88.0	R		HMA	10.0	41.0	26.0	663.0	6.2	73.7		
PRA	800th	135+50.00	L	Y	HMA	20.0	60.0	24.0	960.0	9.0	106.7		13.3
PRA	800th	135+52.00	R	Y	HMA	19.0	63.0	25.0	1025.0	9.6	113.9		13.9
MB		136+50.0	R		HMA	78.0	5.0		195.0	1.8	21.7		
FE		142+19.0	L		AGG	10.0	22.0	22.0	352.0			3.3	
FE		148+63.0	L		AGG	10.0	24.0	24.0	408.0			3.9	
PE		152+07.0	R		AGG	10.0	50.0	28.0	840.0			8.0	
PE		152+46.0	R		HMA	10.0	32.0	19.0	399.0	3.7	44.3		
PE		153+19.0	R		HMA	10.0	27.0	22.0	407.0	3.8	45.2		
MB		153+38.0	R		HMA	26.0	5.0		65.0	0.6	7.2		
CE	PCC	160+87.00	L	Y	PCC	15.0	108.0	46.0	2829.0	26.4	314.3		25.6
CE		162+03.0	L		HMA	10.0	69.0	42.0	1659.0	15.5	184.3		
CE	AGG	162+56.00	R		HMA	10.0	45.0	43.0	1182.5	11.0	131.4		
CE	AGG	165+08.00	R		HMA	10.0	40.0	28.0	700.0	6.5	77.8		
FE		166+95.0	L		AGG	10.0	16.0	16.0	208.0			2.0	

CONT. (1 OF 3)

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DRAWN -	REVISED -	832					(111,112)R5-3	CLARK	34	11	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 4 OF 7 SHEETS STA. TO STA.			CONTRACT NO. 74968				
PLOT DATE = 2/10/2020	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

ENTRANCE SCHEDULE CONT. (2 OF 3)

DESCR.	NOTE	STATION	L/R	RAMP (Y/N)	MATL.	LENGTH "L" (FT)	WIDTH @ SHOULDER (FT)	WIDTH @ "L" (FT)	AREA (SF)	INCIDENTAL HOT-MIX ASPHALT SURFACING 40800050 (TON)	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL) X0326440 (SQ YD)	AGGREGATE SURFACE COURSE, TYPE B 40200800 (TON)	TEMPORARY RAMP, SPECIAL X4060995 (SQ YD)
MB		169+83.0	R		HMA	37.0	4.0		74.0	0.7	8.2		
PE	AGG	169+99.00	R		HMA	10.0	27.0	19.0	351.5	3.3	39.1		
FE		171+90.0	L		AGG	10.0	14.0	14.0	168.0			1.6	
FE		173+34.0	L		AGG	10.0	13.0	13.0	149.5			1.4	
FE		174+06.0	L		HMA	10.0	27.0	15.0	277.5	2.6	30.8		
FE		179+26.0	R		AGG	10.0	24.0	16.0	272.0			2.6	
FE		181+90.0	L		AGG	10.0	13.0	13.0	149.5			1.4	
FE		182+59.0	L		AGG	10.0	15.0	15.0	187.5			1.8	
PRA	700th	188+10.00	R	Y	HMA	27.0	72.0	24.0	1188.0	11.1	132.0		13.3
PRA	700th	188+12.00	L	Y	HMA	31.0	61.0	16.0	736.0	6.9	81.8		8.9
FE		199+29.0	L		AGG	10.0	25.0	25.0	437.5			4.2	
FE		203+82.0	R		AGG	10.0	34.0	25.0	550.0			5.2	
FE		210+54.0	L		AGG	10.0	16.0	16.0	208.0			2.0	
PE		216+10.0	L		HMA	10.0	37.0	21.0	493.5	4.6	54.8		
MB		216+10.0	R		HMA	52.0	5.0		130.0	1.2	14.4		
FE		216+94.0	R		AGG	10.0	16.0	16.0	208.0			2.0	
FE		221+90.0	R		AGG	10.0	22.0	16.0	256.0			2.4	
FE		225+05.0	L		HMA	10.0	32.0	15.0	315.0	2.9	35.0		
MB		227+13.0	R		HMA	44.0	4.0		88.0	0.8	9.8		
PE		227+68.0	L		HMA	10.0	27.0	13.0	240.5	2.2	26.7		
FE		227+68.0	R		AGG	10.0	16.0	16.0	208.0			2.0	
FE		234+59.0	L		AGG	10.0	24.0	20.0	340.0			3.2	
PRA	600th	241+74.00	R	Y	HMA	12.0	60.0	31.0	1116.0	10.4	124.0		17.2
PRA	600th	241+76.00	L	Y	HMA	22.0	60.0	20.0	820.0	7.7	91.1		11.1
PE		243+30.0	L		HMA	10.0	28.0	15.0	285.0	2.7	31.7		
MB		243+30.0	R		HMA	54.0	6.0		162.0	1.5	18.0		
MB		248+57.0	R		HMA	45.0	4.0		90.0	0.8	10.0		
PE		248+85.0	L		HMA	10.0	27.0	15.0	277.5	2.6	30.8		
PE		249+69.0	L		HMA	10.0	52.0	35.0	1085.0	10.1	120.6		
FE		261+91.0	R		AGG	10.0	10.0	16.0	160.0			1.5	
PRA	550th	268+50.00	L	Y	HMA	18.0	60.0	22.0	858.0	8.0	95.3		12.2
PRA	550th	268+50.00	R	Y	HMA	25.0	65.0	19.0	855.0	8.0	95.0		10.6
PE		275+00.0	R		HMA	10.0	25.0	17.0	297.5	2.8	33.1		
MB		275+25.0	R		HMA	37.0	5.0		92.5	0.9	10.3		
FE		281+34.0	L		AGG	10.0	28.0	24.0	456.0			4.3	
FE		282+10.0	R		AGG	10.0	18.0	15.0	210.0			2.0	
FE		288+54.0	L		AGG	10.0	17.0	17.0	229.5			2.2	
FE		294+66.0	R		AGG	10.0	29.0	25.0	487.5			4.6	
PRA	500th	295+45.00	R	Y	HMA	10.0	28.0	17.0	323.0	3.0	35.9		9.4
FE		295+88.0	R		AGG	10.0	28.0	18.0	342.0			3.2	

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PLOT SCALE =	100.0000 ' / in.
PLOT DATE =	2/10/2020

DESIGNED -	
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DATE -	

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REVISED -	
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REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 5	OF 7 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(111,112)R5-3	CLARK	34	12
				CONTRACT NO. 74968
				ILLINOIS FED. AID PROJECT

ENTRANCE SCHEDULE CONT. (3 OF 3)

DESCR.	NOTE	STATION	L/R	RAMP (Y/N)	MATL.	LENGTH "L" (FT)	WIDTH @ SHOULDER (FT)	WIDTH @ "L" (FT)	AREA (SF)	INCIDENTAL HOT-MIX ASPHALT SURFACING 40800050 (TON)	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL) X0326440 (SQ YD)	AGGREGATE SURFACE COURSE, TYPE B 40200800 (TON)	TEMPORARY RAMP, SPECIAL X4060995 (SQ YD)
FE		301+63.0	L		AGG	10.0	21.0	15.0	232.5			2.2	
FE		303+30.0	L		HMA	10.0	26.0	15.0	270.0	2.5	30.0		
PE	BARN	309+03.00	L		HMA	10.0	34.0	20.0	440.0	4.1	48.9		
FE		309+03.0	R		AGG	10.0	25.0	20.0	350.0			3.3	
MB		309+85.0	R		HMA	39.0	5.0		97.5	0.9	10.8		
PE		310+23.0	L		HMA	10.0	26.0	16.0	288.0	2.7	32.0		
FE		310+75.0	L		AGG	10.0	30.0	19.0	380.0			3.6	
PE		319+97.0	R		HMA	10.0	39.0	15.0	367.5	3.4	40.8		
FE		322+58.0	L		AGG	10.0	35.0	28.0	630.0			6.0	
PRA	450th	322+58.00	R	Y	AGG	10.0	26.0	17.0	306.0			2.9	9.4
FE		325+57.0	R		AGG	10.0	19.0	15.0	217.5			2.1	
FE		326+15.0	L		AGG	10.0	19.0	15.0	217.5			2.1	
FE		339+16.0	L		AGG	10.0	30.0	20.0	400.0			3.8	
PE		340+20.0	R		HMA	10.0	54.0	36.0	1152.0	10.8	128.0		
MB		340+52.0	R		HMA	32.0	5.0		80.0	0.7	8.9		
PRA	1000th	345+57.00	L	Y	HMA	10.0	196.0	196.0	20188.0	188.4	2243.1		108.9
FE		363+32.0	L		AGG	10.0	18.0	14.0	196.0			1.9	
FE		364+20.0	R		AGG	10.0	35.0	35.0	787.5			7.5	
FE		367+11.0	L		AGG	10.0	18.0	13.0	182.0			1.7	
FE		370+21.0	R		HMA	10.0	29.0	22.0	429.0	4.0	47.7		
MB		375+60.0	R		HMA	34.0	3.0		51.0	0.5	5.7		
PE		376+17.0	R		HMA	10.0	28.0	10.0	190.0	1.8	21.1		
FE		376+87.0	L		AGG	10.0	20.0	15.0	225.0			2.1	
PE		383+14.0	L		HMA	10.0	24.0	12.0	204.0	1.9	22.7		
PE		386+15.0	L		HMA	10.0	30.0	16.0	320.0	3.0	35.6		
MB		386+25.0	R		HMA	46.0	3.0		69.0	0.6	7.7		
FE		389+62.0	R		AGG	10.0	16.0	16.0	208.0			2.0	
FE		389+84.0	L		AGG	10.0	18.0	15.0	210.0			2.0	
FE		390+19.0	R		AGG	10.0	36.0	33.0	759.0			7.2	
MB		395+48.0	R		HMA	46.0	4.0		92.0	0.9	10.2		
PE		395+75.0	L		HMA	10.0	30.0	16.0	320.0	3.0	35.6		
PRA	000th	402+35.00	L	Y	HMA	16.0	35.0	20.0	510.0	4.8	56.7		11.1
PRA	000th	402+35.00	R	Y	HMA	10.0	38.0	20.0	480.0	4.5	53.3		11.1
TOTAL										476	5668	150	301

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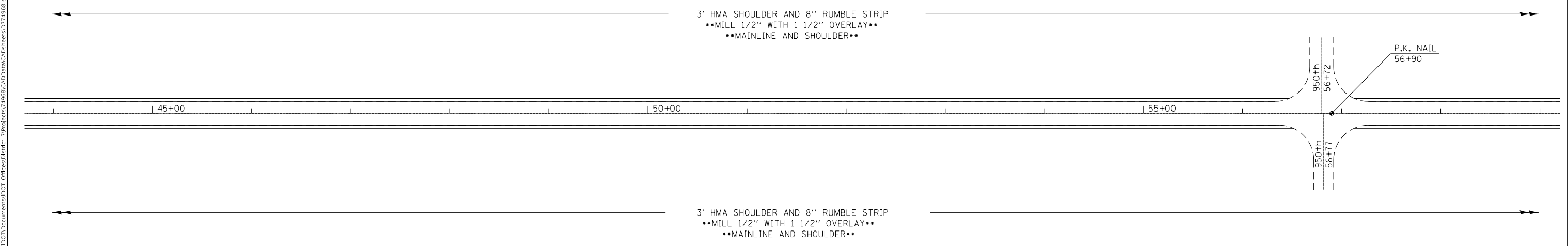
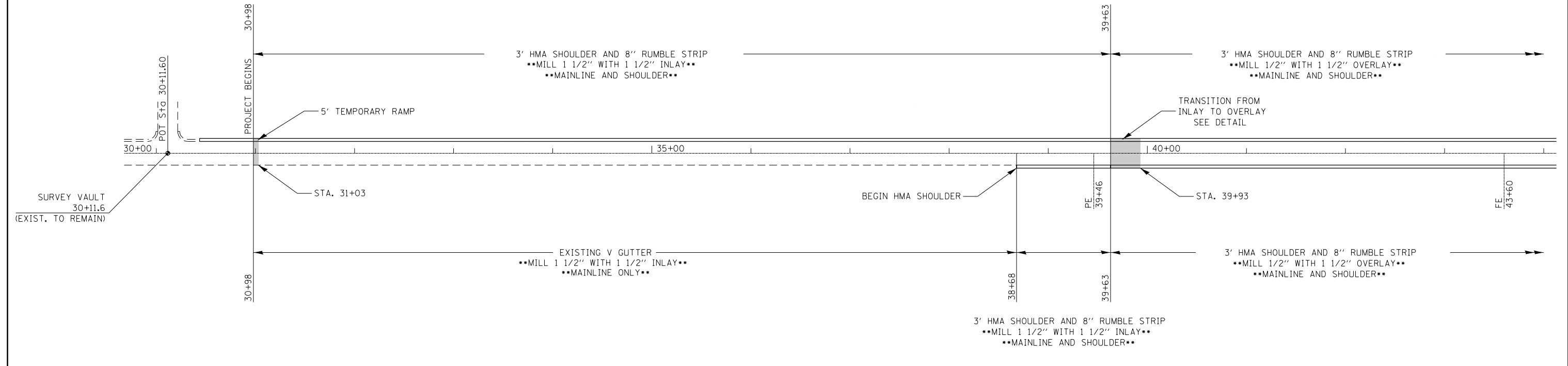
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PLOT DATE = 2/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(111,112)R5-3	CLARK	34	13
CONTRACT NO. 74968				
ILLINOIS		FED. AID PROJECT		



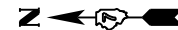
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USER NAME = steffemk	DESIGNED -	REVISED -
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PLOT DATE = 2/10/2020	CHECKED -	REVISED -
	DATE -	REVISED -

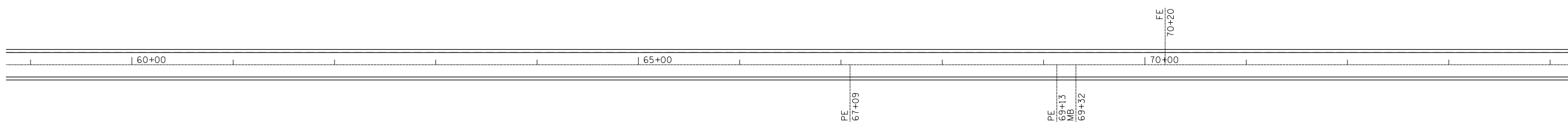
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN			
SCALE:	SHEET 1	OF 13	SHEETS
	STA. 30+00	TO STA. 59+00	

F.A.P. RTE. 832	SECTION (111,112)RS-3	COUNTY CLARK	TOTAL SHEETS 34	SHEET NO. 15
CONTRACT NO. 74968				
ILLINOIS FED. AID PROJECT				



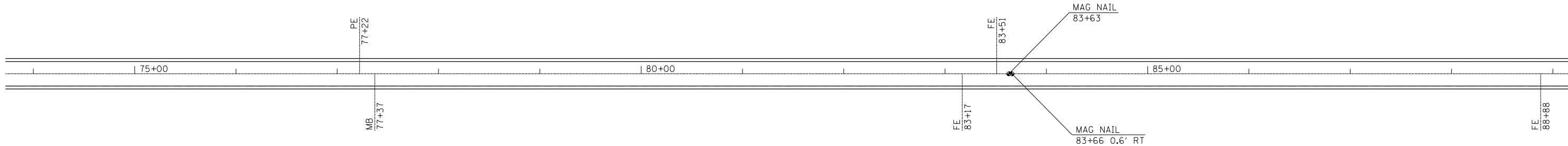
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 ••MILL 1/2" WITH 1 1/2" OVERLAY••
 ••MAINLINE AND SHOULDER••



3' HMA SHOULDER AND 8" RUMBLE STRIP
 ••MILL 1/2" WITH 1 1/2" OVERLAY••
 ••MAINLINE AND SHOULDER••



3' HMA SHOULDER AND 8" RUMBLE STRIP
 ••MILL 1/2" WITH 1 1/2" OVERLAY••
 ••MAINLINE AND SHOULDER••



3' HMA SHOULDER AND 8" RUMBLE STRIP
 ••MILL 1/2" WITH 1 1/2" OVERLAY••
 ••MAINLINE AND SHOULDER••

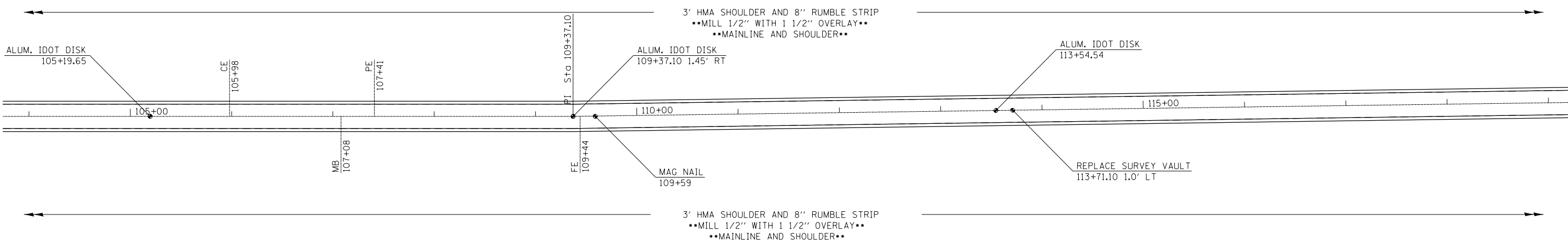
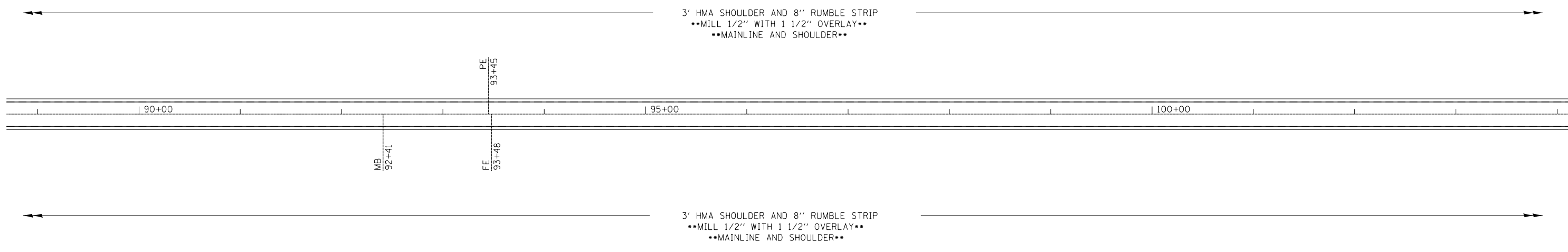
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USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN			
SCALE:	SHEET 2	OF 13 SHEETS	STA. 59+00 TO STA. 89+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(111,112)RS-3	CLARK	34	16
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74968	



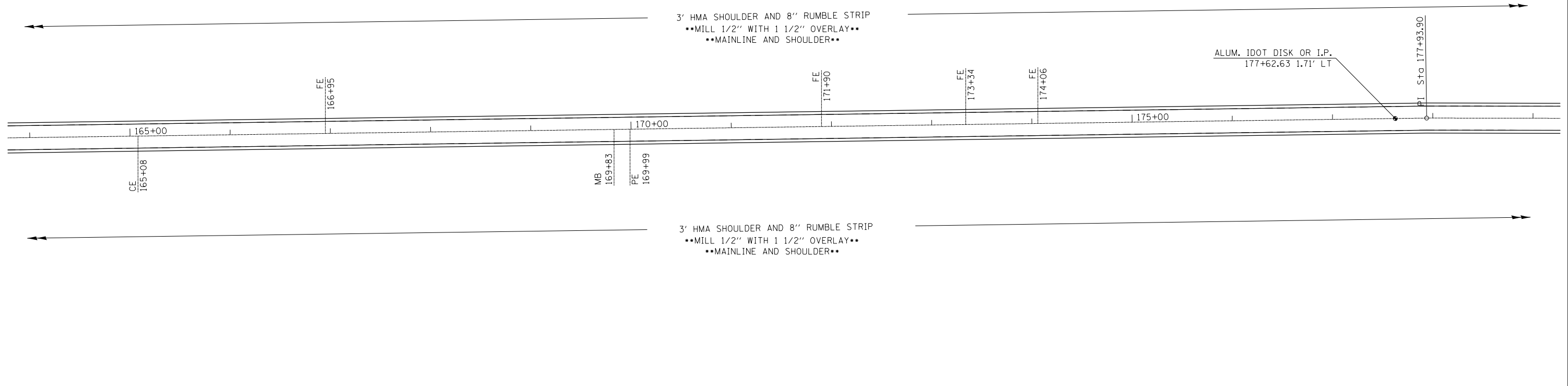
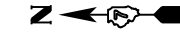
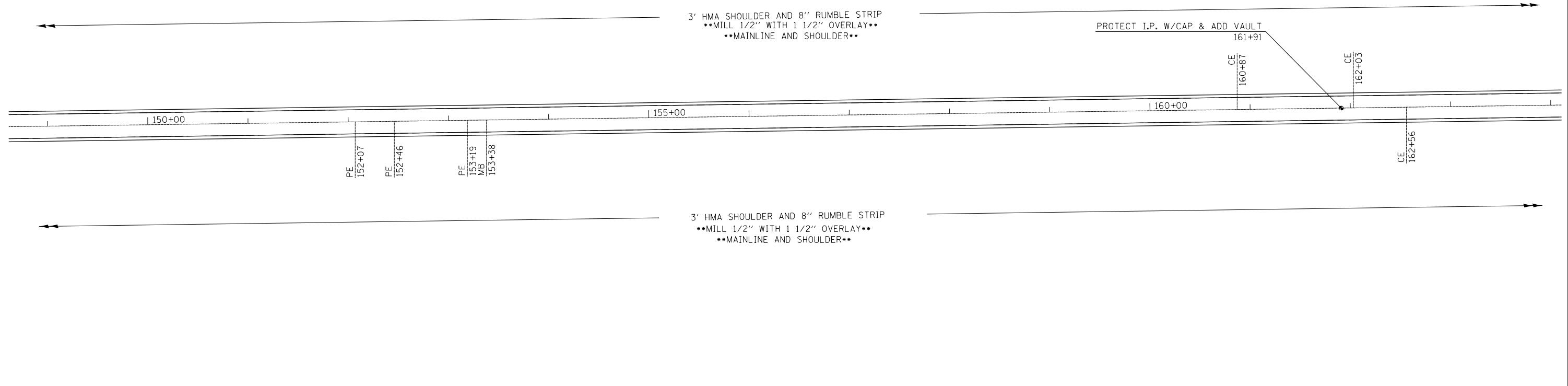
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USER NAME = steffenmk	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/10/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN			
SCALE:	SHEET 3	OF 13 SHEETS	STA. 89+00 TO STA. 119+00

F.A.P. RTE. 832	SECTION (111,112)RS-3	COUNTY CLARK	TOTAL SHEETS 34	SHEET NO. 17
CONTRACT NO. 74968				
ILLINOIS FED. AID PROJECT				



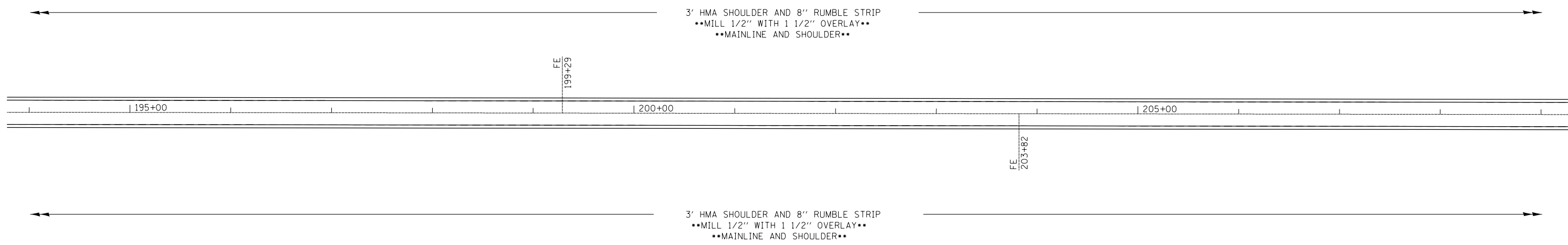
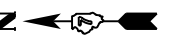
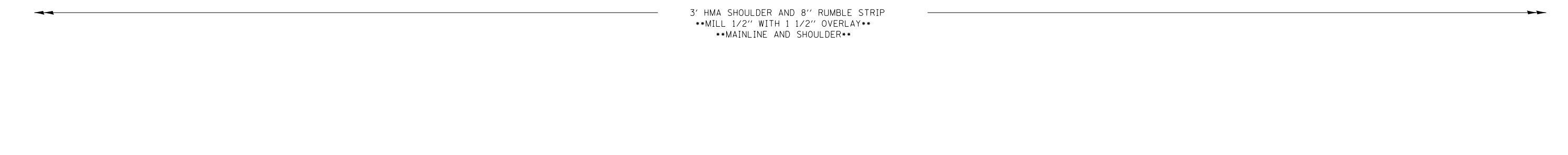
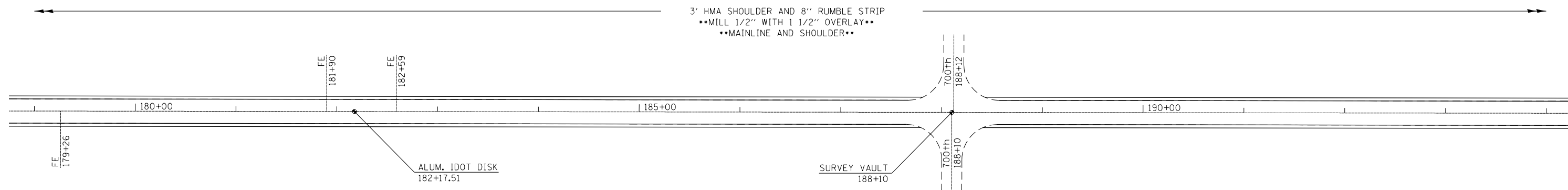
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PLOT DATE = 2/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN			
SCALE:	SHEET 5	OF 13 SHEETS	STA. 149+00 TO STA. 179+00

F.A.P. RTE. 832	SECTION (111,112)RS-3	COUNTY CLARK	TOTAL SHEETS 34	SHEET NO. 19
CONTRACT NO. 74968			ILLINOIS FED. AID PROJECT	



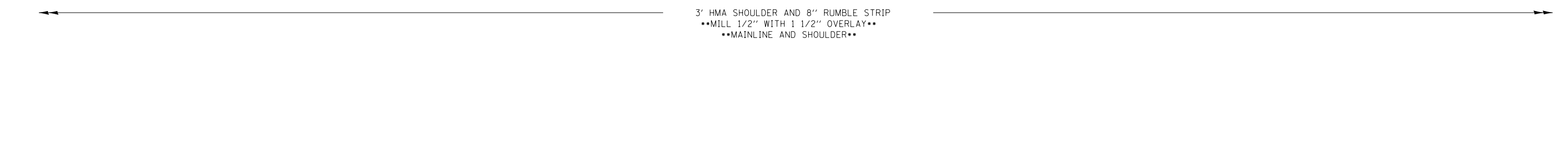
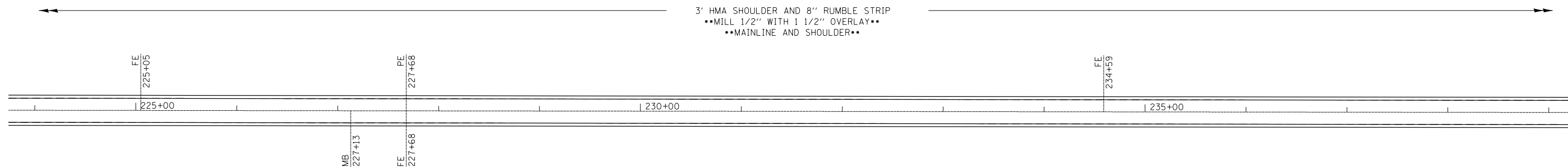
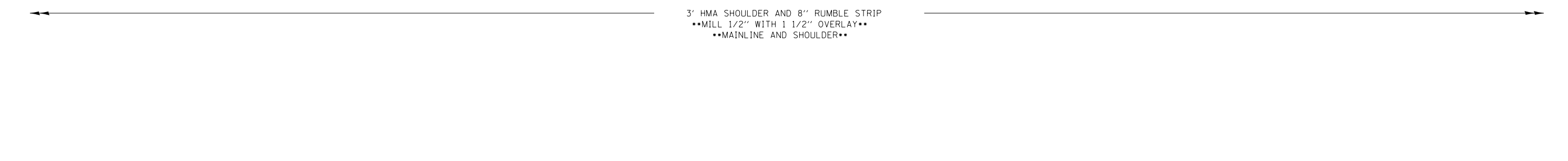
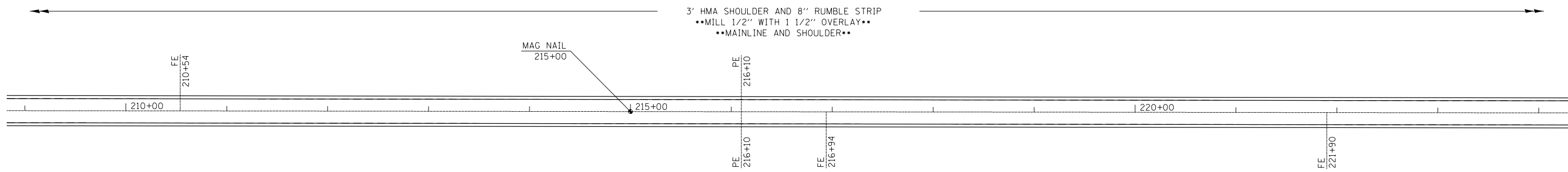
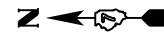
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PLOT DATE = 2/10/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN			
SCALE:	SHEET 6	OF 13 SHEETS	STA. 179+00 TO STA. 209+00

F.A.P. RTE. 832	SECTION (111,112)RS-3	COUNTY CLARK	TOTAL SHEETS 34	SHEET NO. 20
CONTRACT NO. 74968				
ILLINOIS FED. AID PROJECT				



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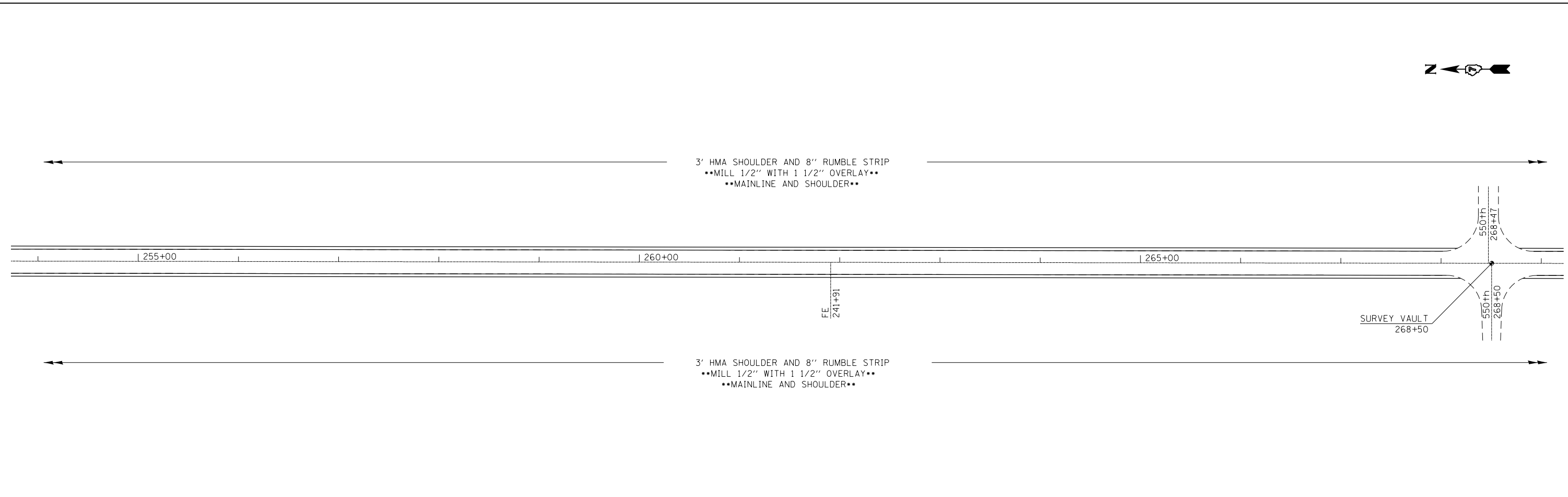
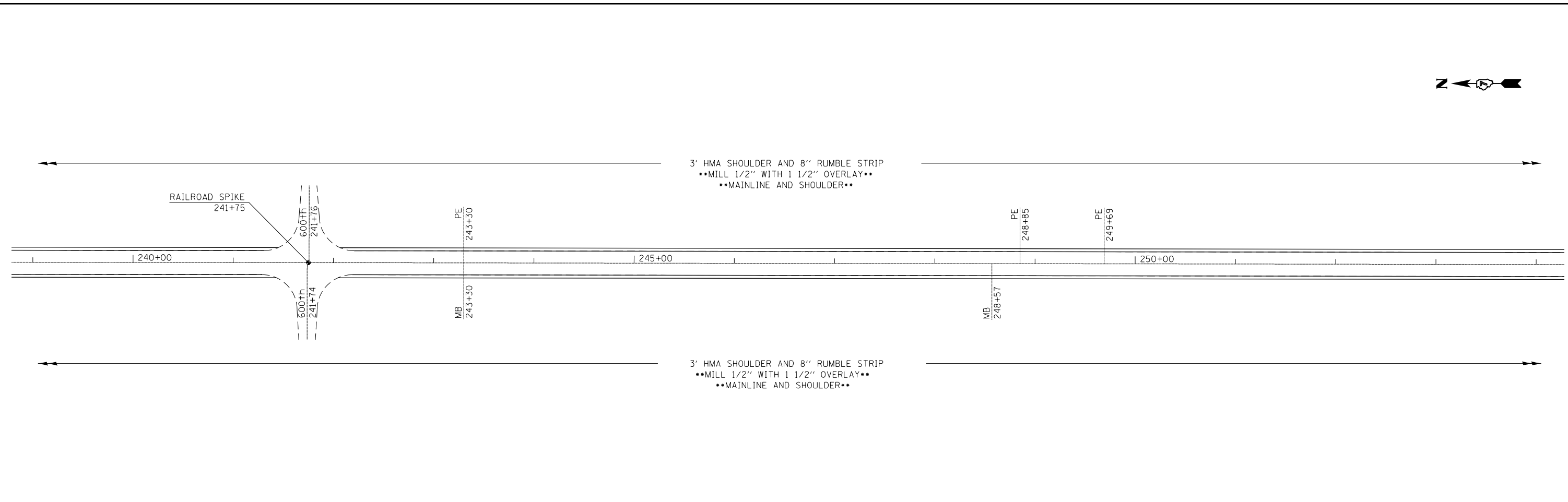
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PLOT DATE = 2/10/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN
 SCALE: SHEET 7 OF 13 SHEETS STA. 209+00 TO STA. 239+00

F.A.P. RTE. 832	SECTION (111,112)RS-3	COUNTY CLARK	TOTAL SHEETS 34	SHEET NO. 21
CONTRACT NO. 74968			ILLINOIS FED. AID PROJECT	

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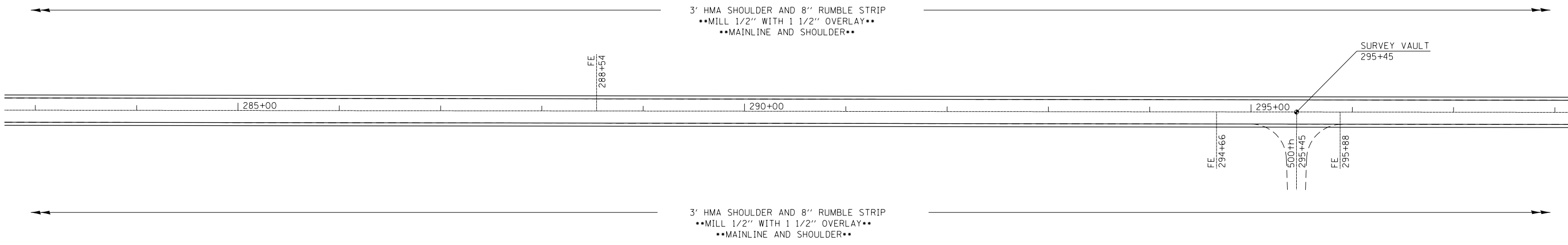
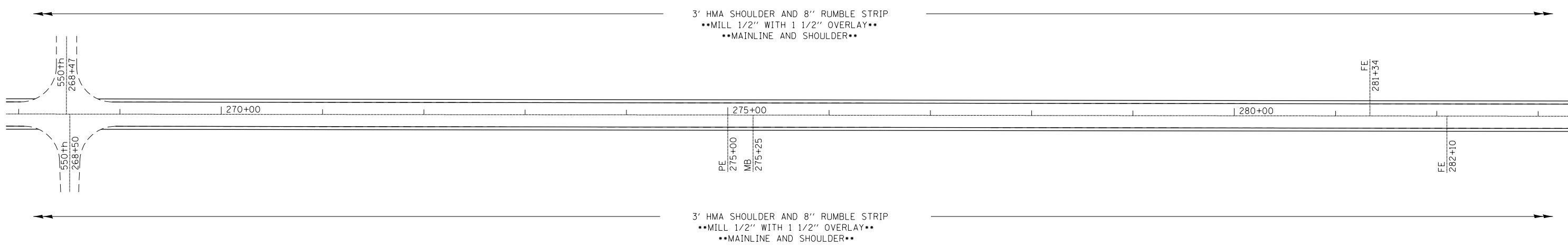


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PLOT DATE = 2/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN			
SCALE:	SHEET 8	OF 13 SHEETS	STA. 239+00 TO STA. 269+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(111,112)RS-3	CLARK	34	22
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74968	



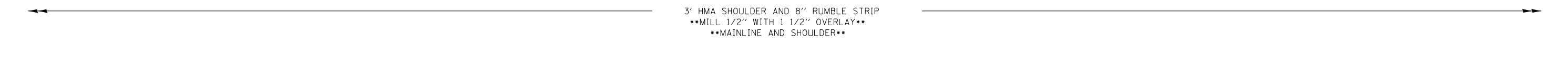
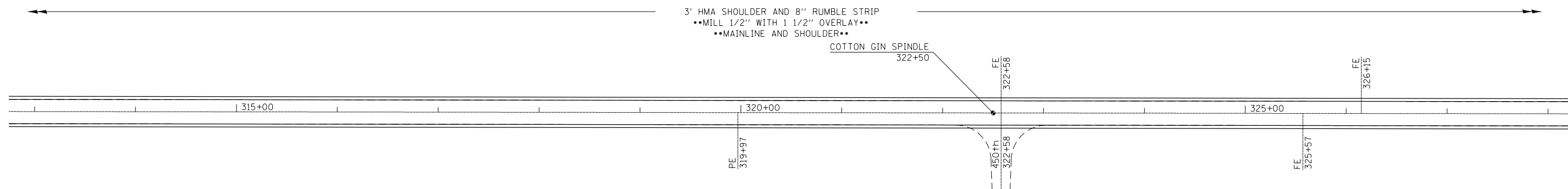
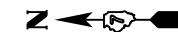
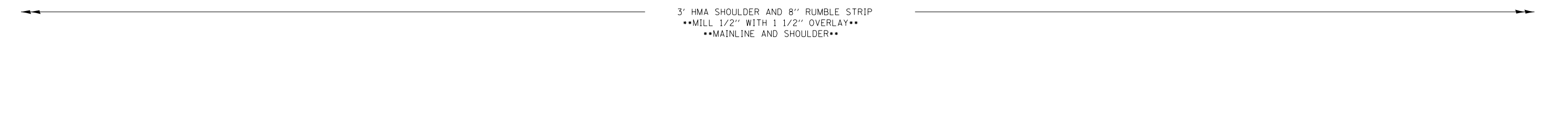
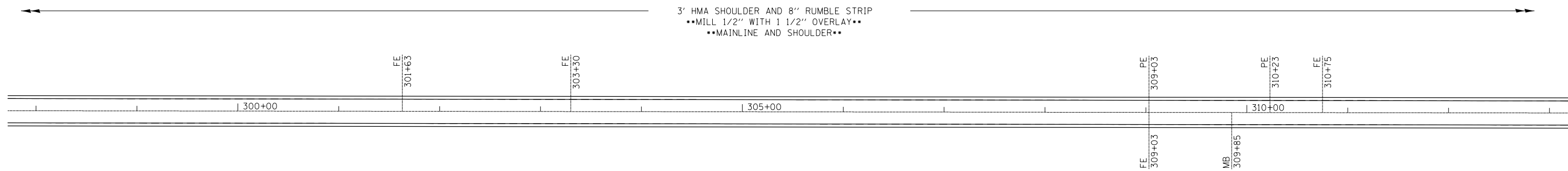
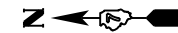
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PLOT DATE = 2/10/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN			
SCALE:	SHEET 9	OF 13 SHEETS	STA. 268+00 TO STA. 298+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(111,112)RS-3	CLARK	34	23
CONTRACT NO. 74968			ILLINOIS FED. AID PROJECT	



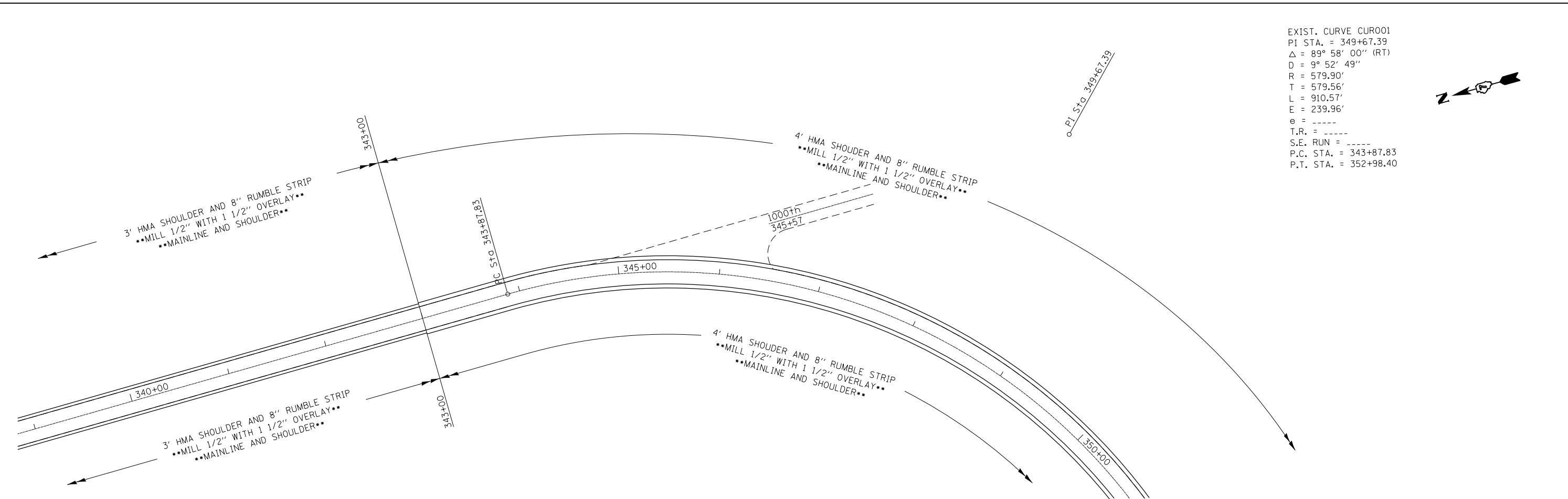
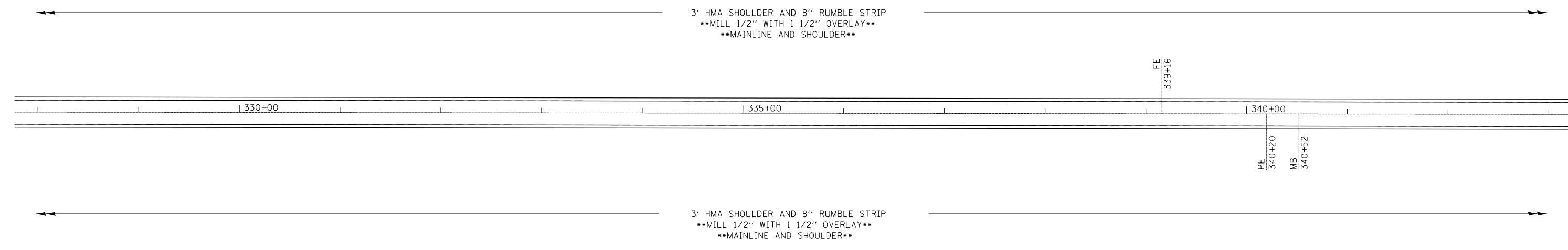
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PLOT DATE = 2/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN			
SCALE:	SHEET 10	OF 13	SHEETS
	STA. 298+00		TO STA. 328+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(111,112)RS-3	CLARK	34	24
CONTRACT NO. 74968			ILLINOIS FED. AID PROJECT	



EXIST. CURVE CUR001
 PI STA. = 349+67.39
 Δ = 89° 58' 00" (RT)
 D = 9° 52' 49"
 R = 579.90'
 T = 579.56'
 L = 910.57'
 E = 239.96'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 343+87.83
 P.T. STA. = 352+98.40



MODEL: Default
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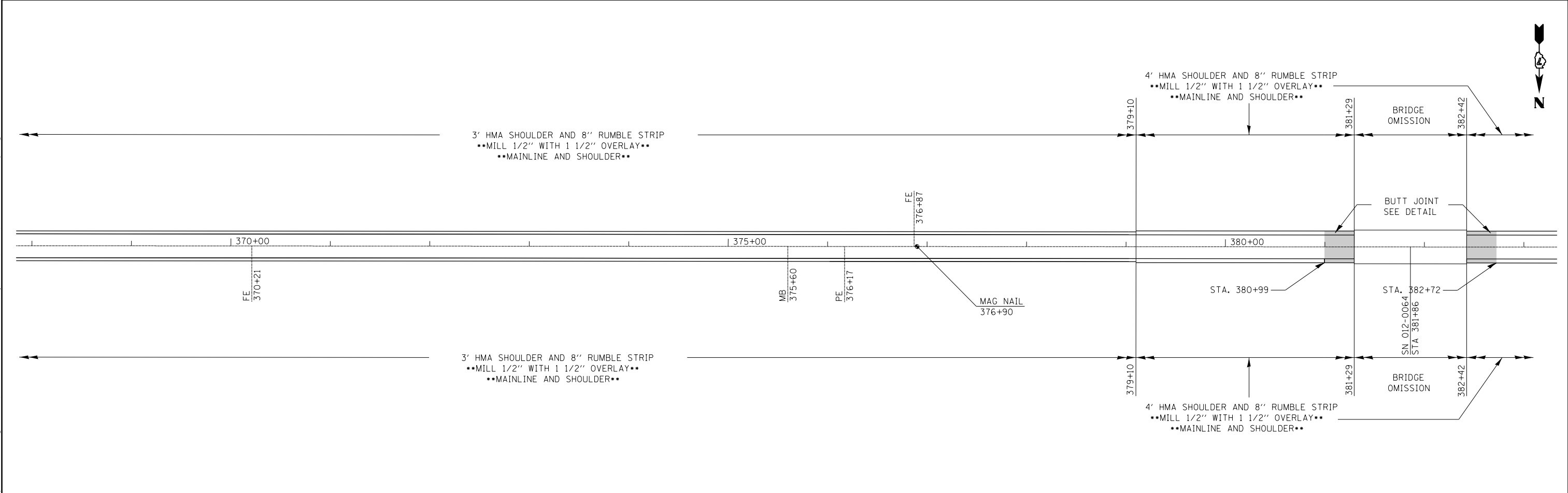
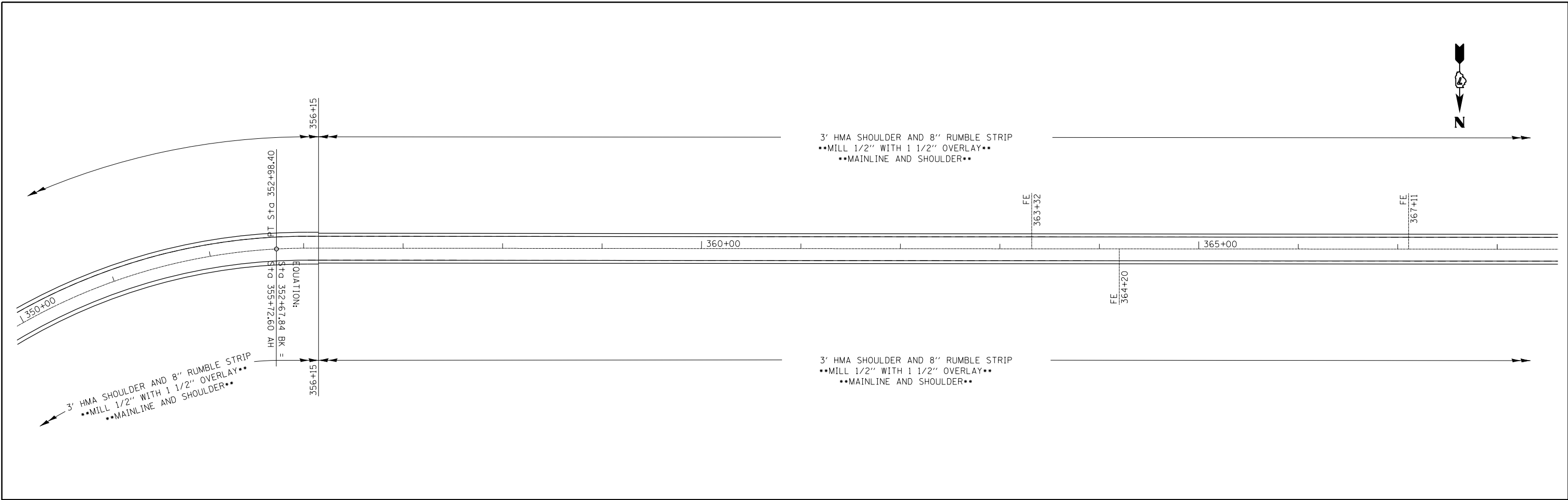
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PLOT DATE = 2/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN

SCALE: SHEET 11 OF 13 SHEETS STA. 328+00 TO STA. 350+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(111,112)RS-3	CLARK	34	25
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74968	



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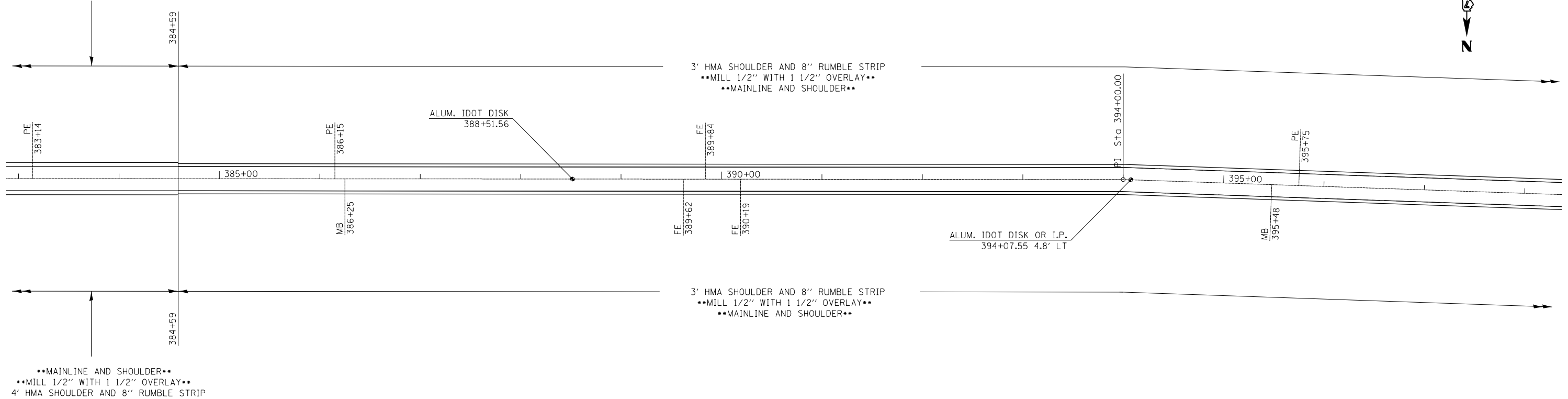
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN			
SCALE:	SHEET 12	OF 13	SHEETS
	STA. 350+00	TO STA. 383+00	

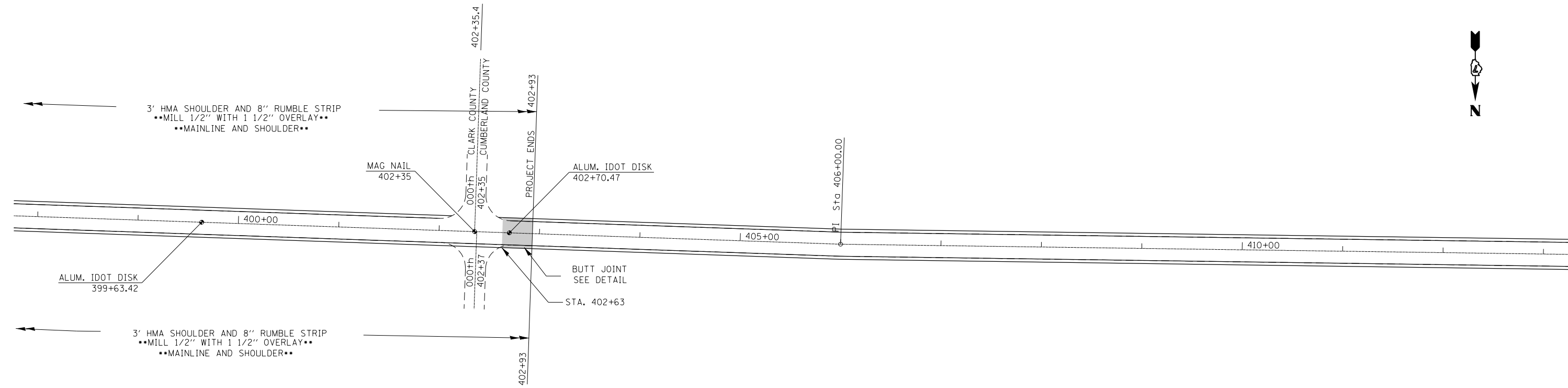
F.A.P. RTE. 832	SECTION (111,112)RS-3	COUNTY CLARK	TOTAL SHEETS 34	SHEET NO. 26
			CONTRACT NO. 74968	
ILLINOIS FED. AID PROJECT				

4' HMA SHOULDER AND 8" RUMBLE STRIP
 MILL 1/2" WITH 1 1/2" OVERLAY
 MAINLINE AND SHOULDER



MAINLINE AND SHOULDER
 MILL 1/2" WITH 1 1/2" OVERLAY
 4' HMA SHOULDER AND 8" RUMBLE STRIP

3' HMA SHOULDER AND 8" RUMBLE STRIP
 MILL 1/2" WITH 1 1/2" OVERLAY
 MAINLINE AND SHOULDER



3' HMA SHOULDER AND 8" RUMBLE STRIP
 MILL 1/2" WITH 1 1/2" OVERLAY
 MAINLINE AND SHOULDER

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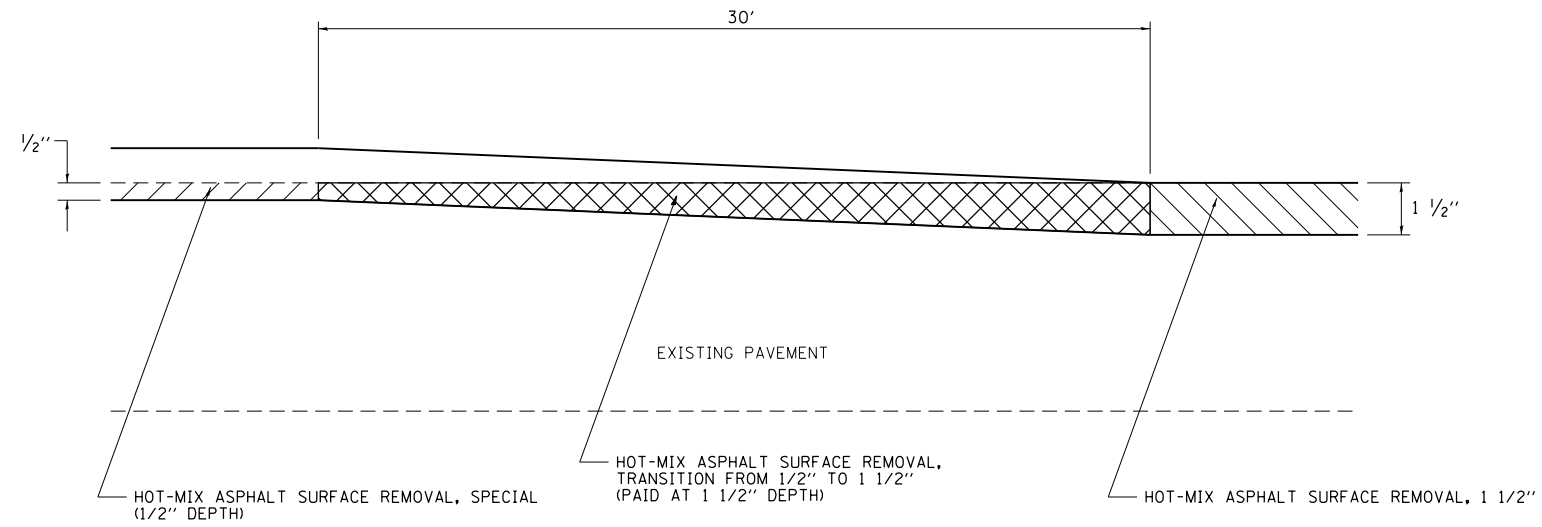
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN

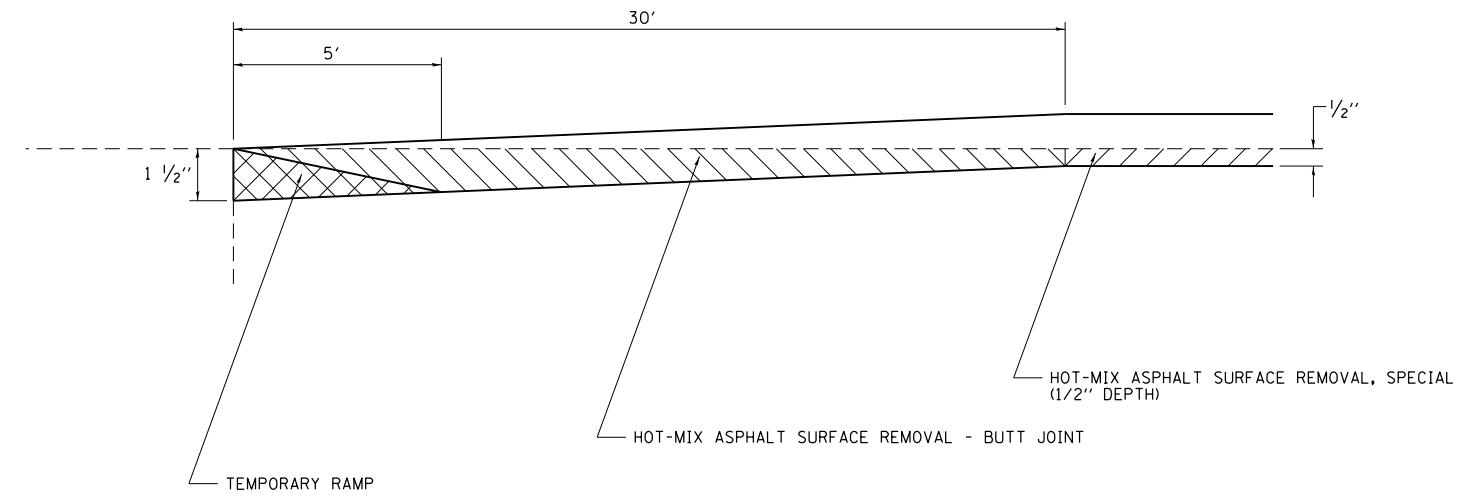
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(111,112)RS-3	CLARK	34	27
CONTRACT NO. 74968				
ILLINOIS FED. AID PROJECT				



TRANSITION DETAIL

- STA 749+02 TO STA 749+22
- STA 751+73 TO STA 751+93
- STA 1044+80 TO STA 1045+00
- STA 1056+67 TO STA 1056+87
- STA 1075+69 TO STA 1075+89
- STA 11+13 TO STA 11+33
- STA 1094+69 TO STA 1094+89
- STA 1203+70 TO STA 1203+90
- STA 1207+83 TO STA 1208+03
- STA 1227+20 TO STA 1227+40
- STA 1259+57 TO STA 1259+77
- STA 1278+37 TO STA 1278+57



BUTT JOINT DETAIL

- STA 725+80 TO STA 726+00
- STA 1065+03.5 TO STA 1065+23.5
- STA 1068+99.5 TO STA 1069+19.5
- STA 16+58 TO STA 16+78
- STA 1301+80 TO STA 1302+00

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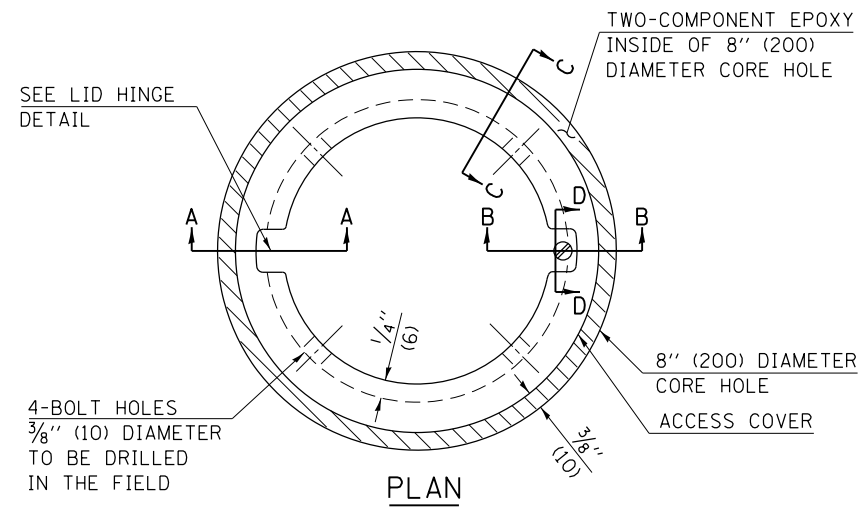
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PLOT DATE = 2/10/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT & TRANSITION DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

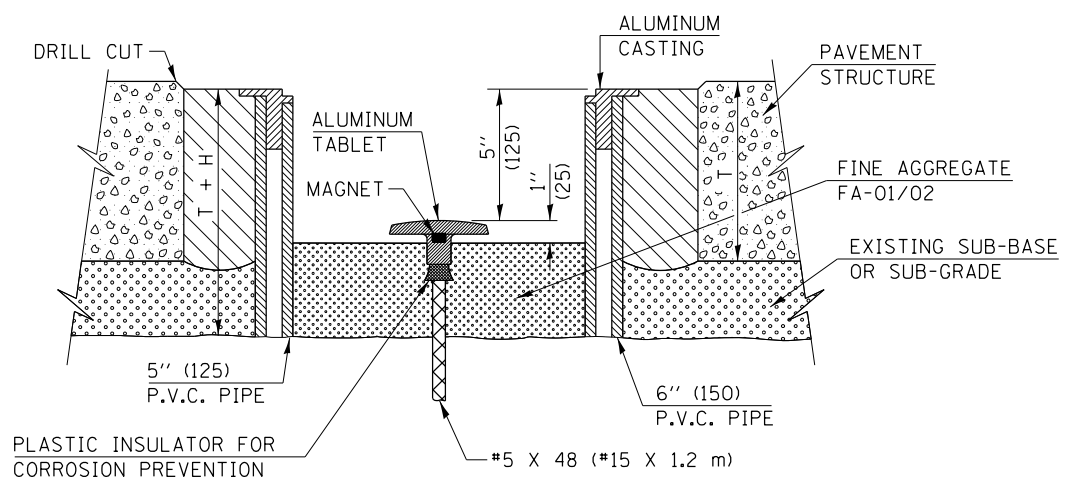
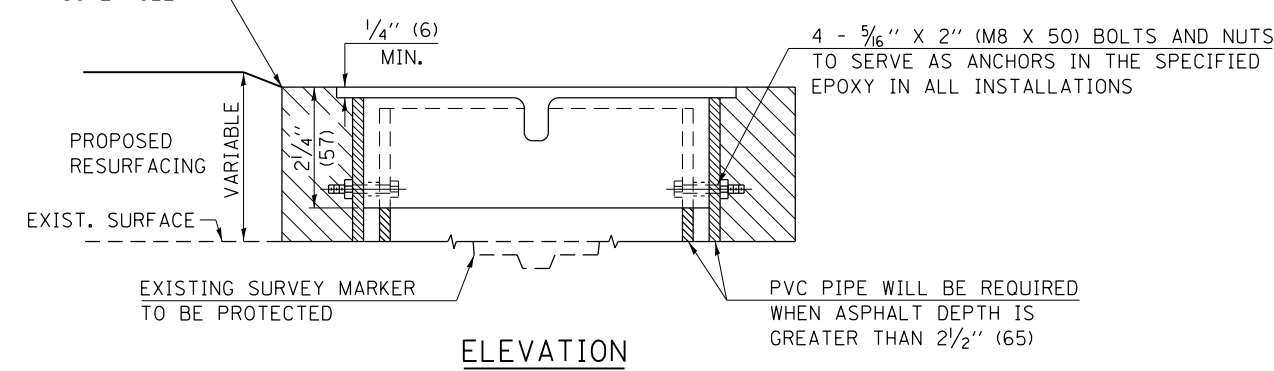
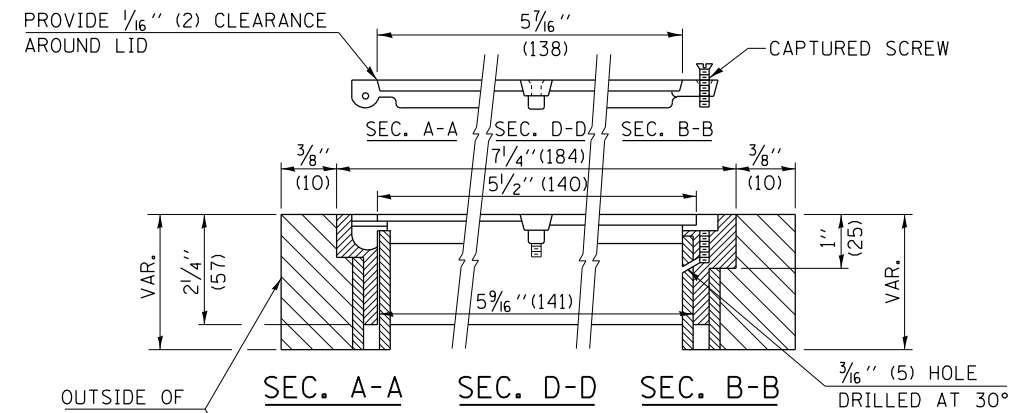
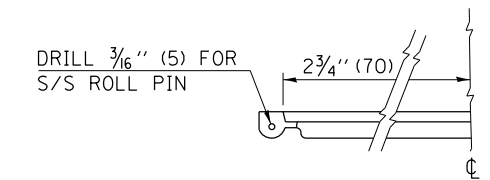
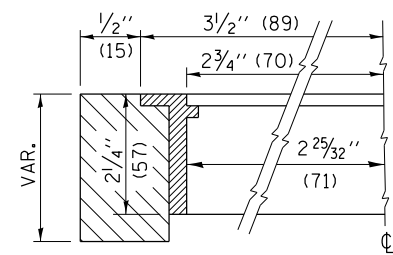
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(111,112)RS-3	CLARK	34	28
CONTRACT NO. 74968			ILLINOIS FED. AID PROJECT	



- 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)

BILL OF MATERIAL

ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 4 EACH - 5/16" X 2" (M8 X 50) BOLTS WITH NUTS, EPOXY, 5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40 (WHEN REQUIRED).



EXISTING SURVEY MARKER

PROPOSED SURVEY MARKER

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. Z0070202

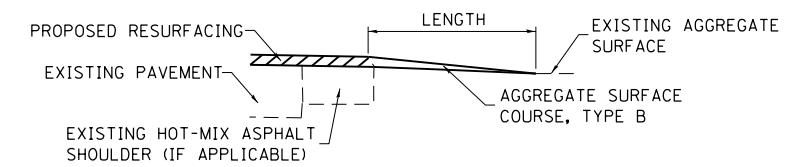
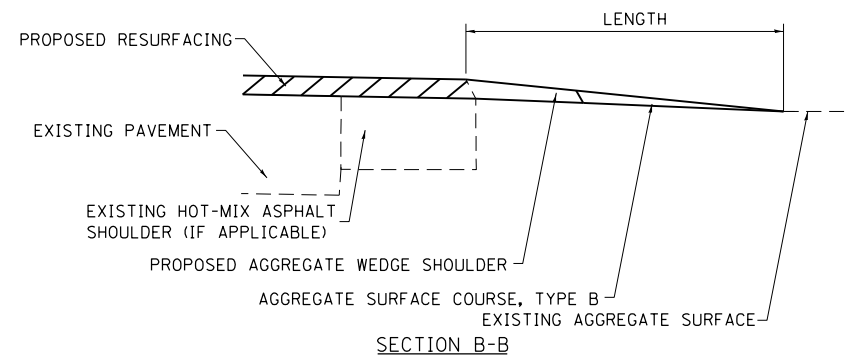
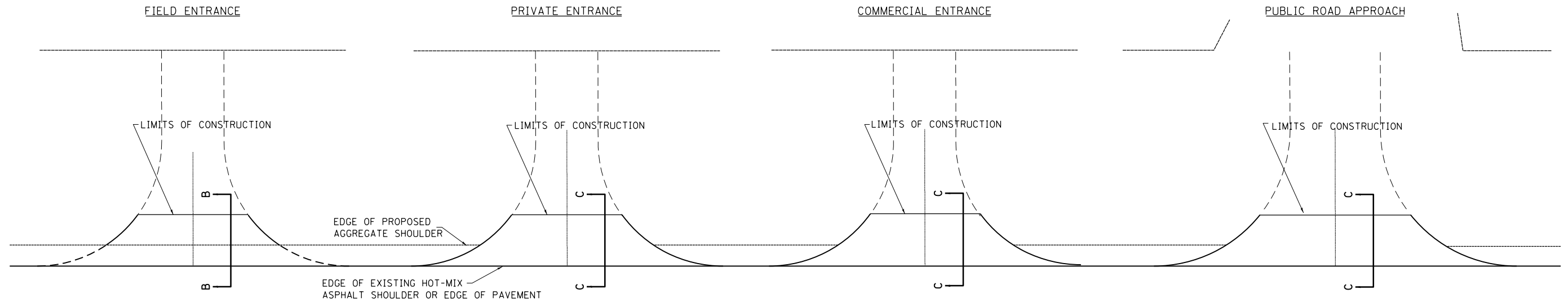
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	PLOT DATE = 2/10/2020		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

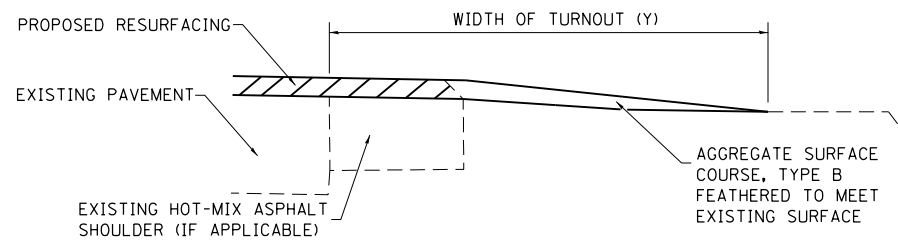
SURVEY MARKER VAULT

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(111.112)RS-3	CLARK	34	29
CONTRACT NO. 74968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

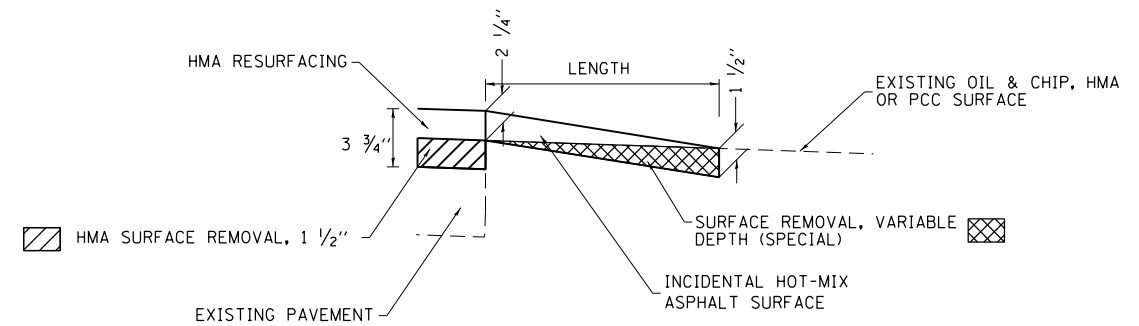


SECTION C-C



TYPICAL SECTION AT MAILBOX TURNOUT

NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS



SECTION C-C

NOTES

LENGTH = 10' UNLESS OTHERWISE NOTED ON PLANS

IF THERE IS NOT EXISTING HOT-MIX ASPHALT SHOULDER THEN THE ENTRANCE TAPER STARTS AT THE EDGE OF EXISTING PAVEMENT.

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 PROJECT: 74968
 USER: steffenmk
 DATE: 2/10/2020

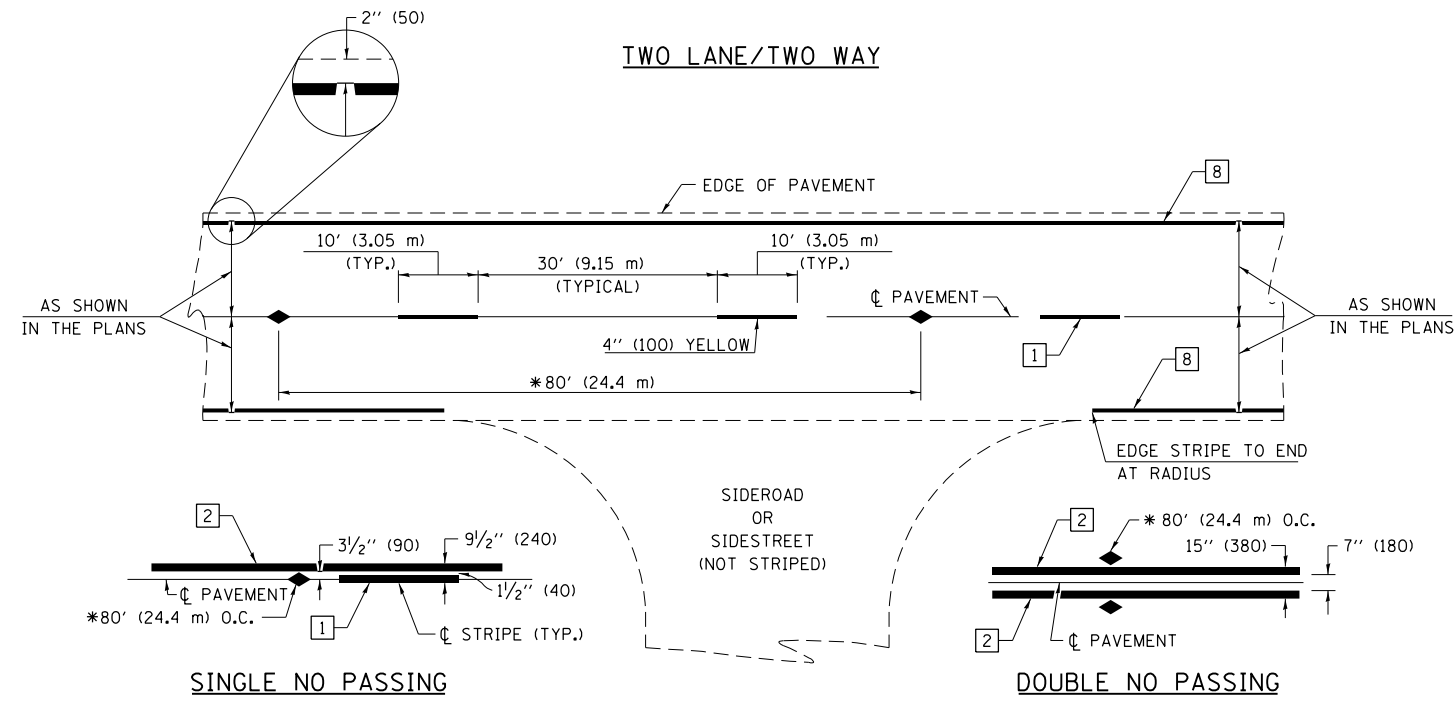
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	DRAWN -	REVISED -
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PLOT DATE = 2/10/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RURAL ENTRANCE AND MAILBOX TURNOUT DETAILS
WITH SHOULDERS

SCALE: SHEET OF SHEETS STA. TO STA.

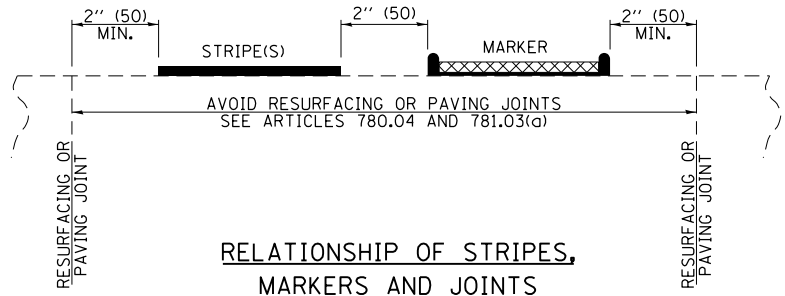
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(111,112)RS-3	CLARK	34	30
CONTRACT NO. 74968				
ILLINOIS FED. AID PROJECT				



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

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 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) 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) PARKING WHITE

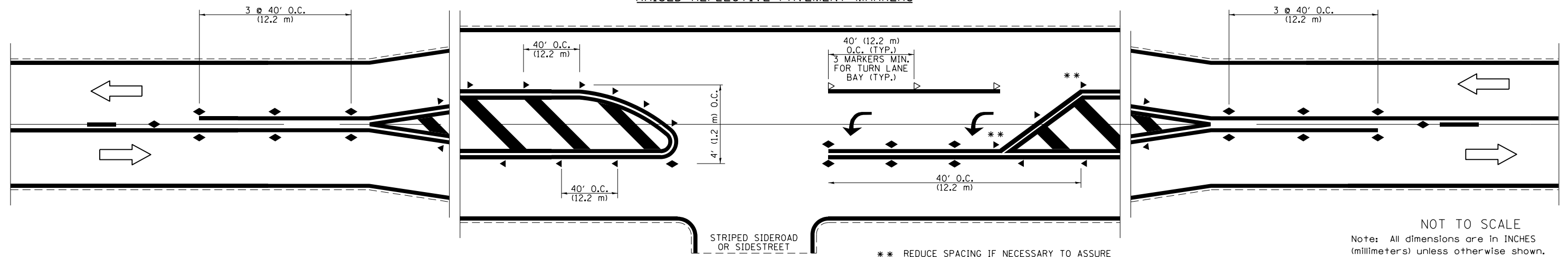


RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

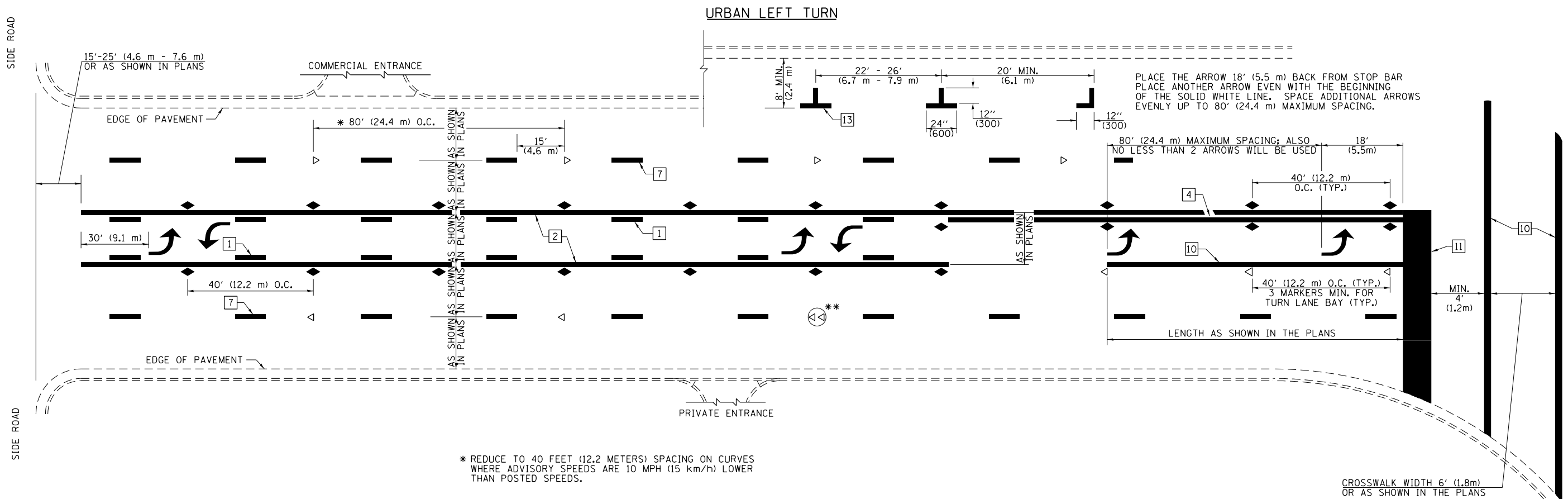
TYPICAL PAVEMENT MARKERS LEGEND

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

RAISED REFLECTIVE PAVEMENT MARKERS



NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.



PLACE THE ARROW 18' (5.5 m) BACK FROM STOP BAR
 PLACE ANOTHER ARROW EVEN WITH THE BEGINNING
 OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS
 EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING.

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

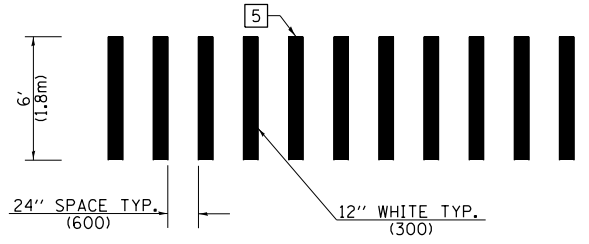
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED
 AND SPACED AS SHOWN IN HIGHWAY STANDARD
 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED
 HIGHWAYS.

PAVEMENT MARKING LEGEND

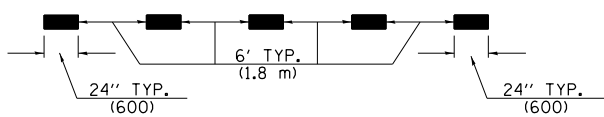
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP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

GENERAL NOTES

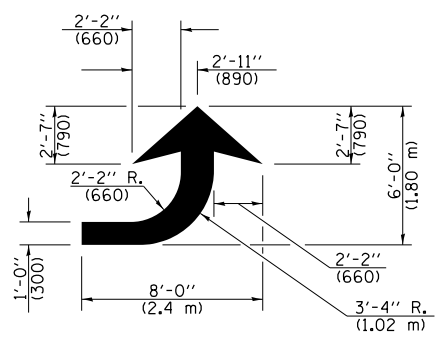
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
3. 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.
4. USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)
5. LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.



**CROSSWALK DETAIL
 (DECATUR CITY LIMITS ONLY)**

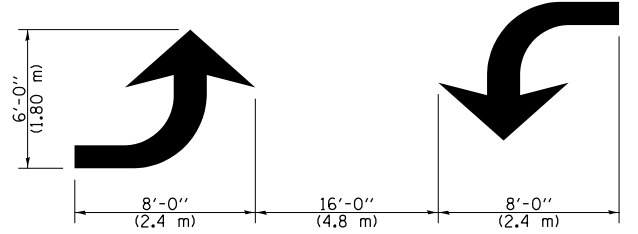


LANE LINE EXTENSIONS



LEFT ARROW

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



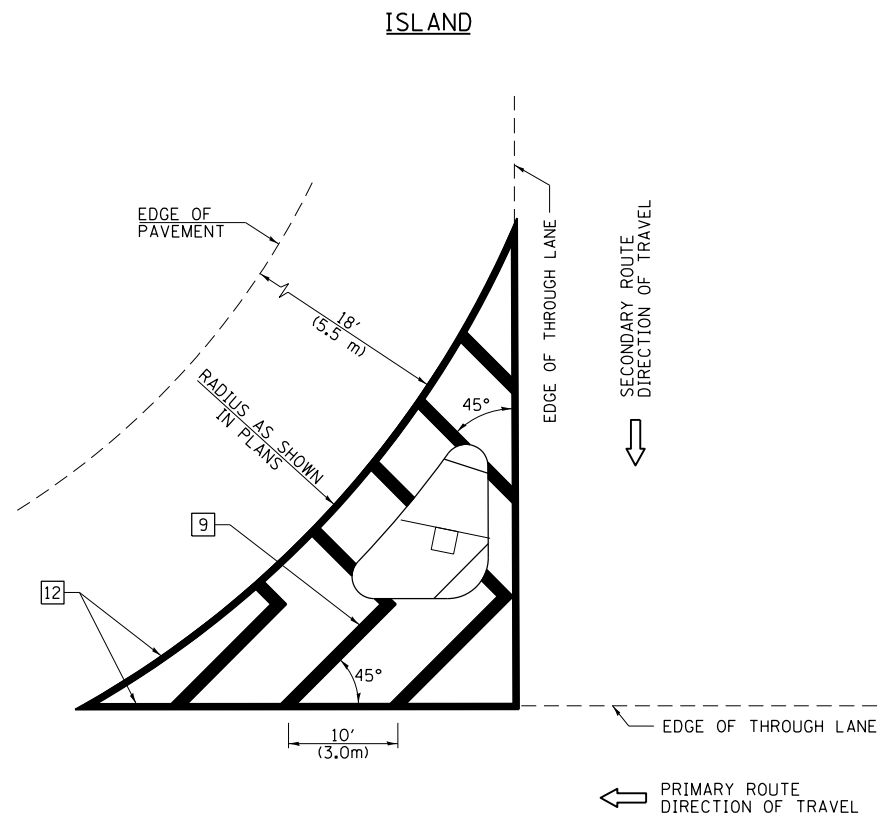
**TYPICAL DOUBLE
 TURN ARROWS (WHITE)**

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74968\DRAWING\CADsheets\0774968-shd-details.dwg		CHECKED -	REVISED -			832	(111.112)RS-3	CLARK	34	32
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -			CONTRACT NO. 74968				
PLOT DATE = 2/10/2020						ILLINOIS FED. AID PROJECT				

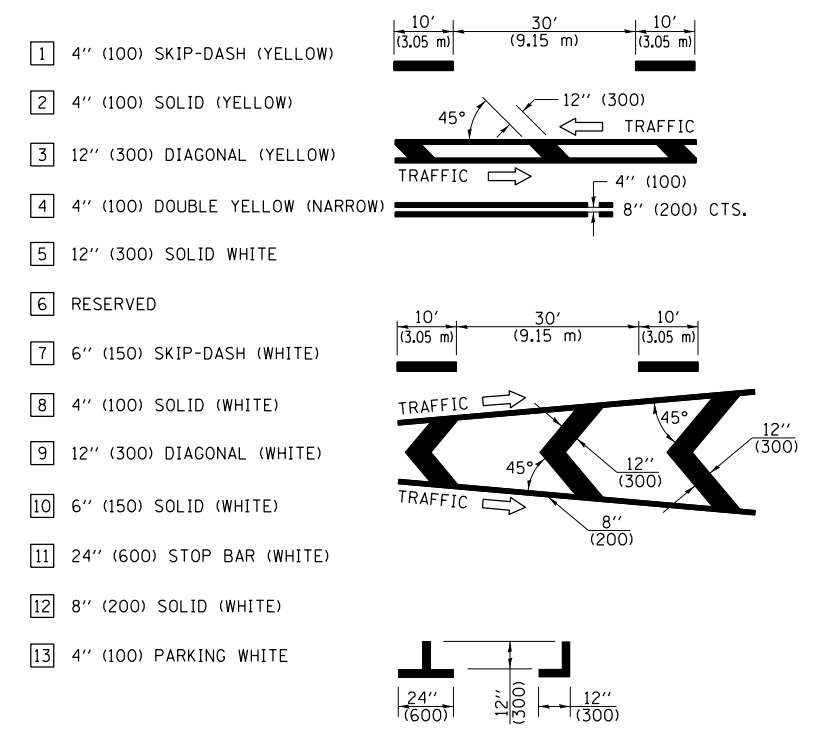


GENERAL NOTES

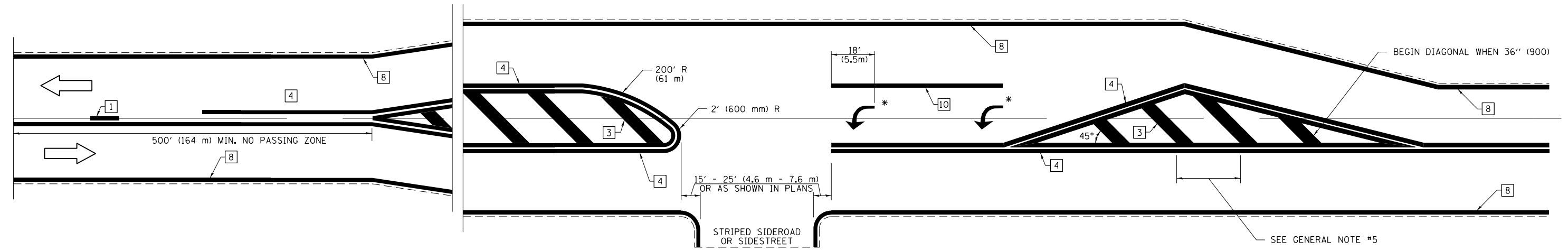
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
5. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING:

< 30 MPH (< 50 km/h)	15' (4.5 m)
30-45 MPH (50-75 km/h)	20' (6.0 m)
> 45 MPH (> 75 km/h)	30' (9.0 m)

PAVEMENT MARKING LEGEND



RURAL LEFT TURN STRIPING



* PLACE AN ARROW 18' (5.5 m) BACK FROM STOP BAR. PLACE ANOTHER ARROW EVEN WITH THE BEGINNING OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING. USE MINIMUM OF 2 ARROWS.

NOT TO SCALE
 Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 7\Projects\74968\DRAWN\CADsheets\0774968-shd-details.dwg		REVISOR -	REVISOR -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISOR -
	PLOT DATE = 2/10/2020	DATE -	REVISOR -

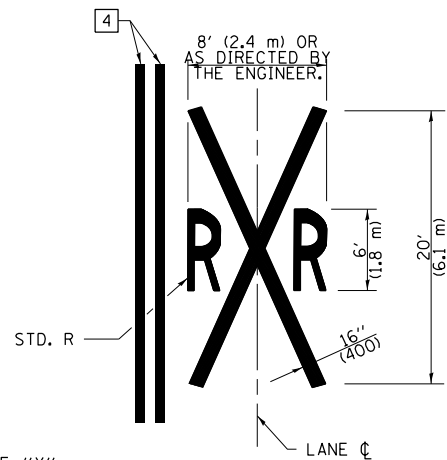
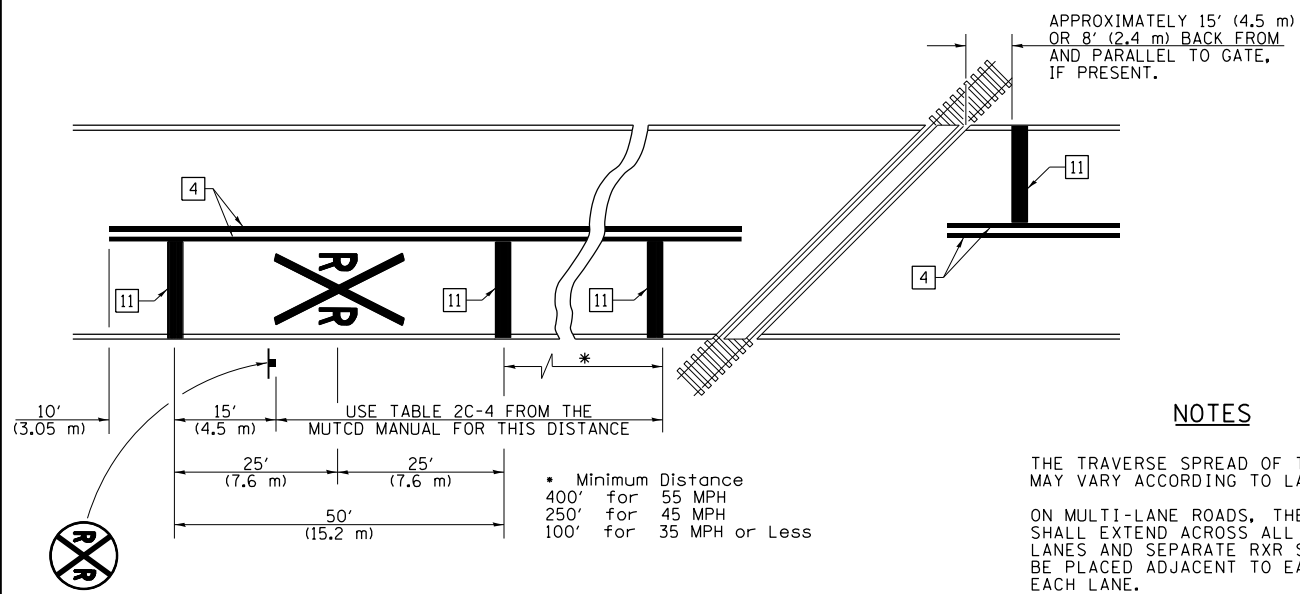
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(111.112)RS-3	CLARK	34	33
CONTRACT NO. 74968			ILLINOIS FED. AID PROJECT	

SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

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

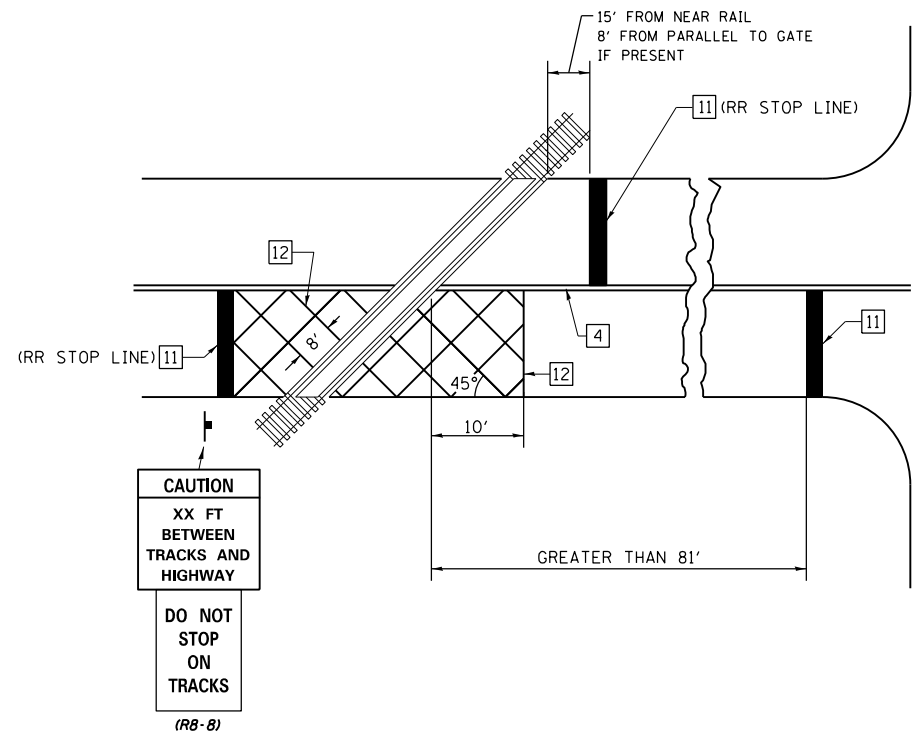
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE R X R SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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.

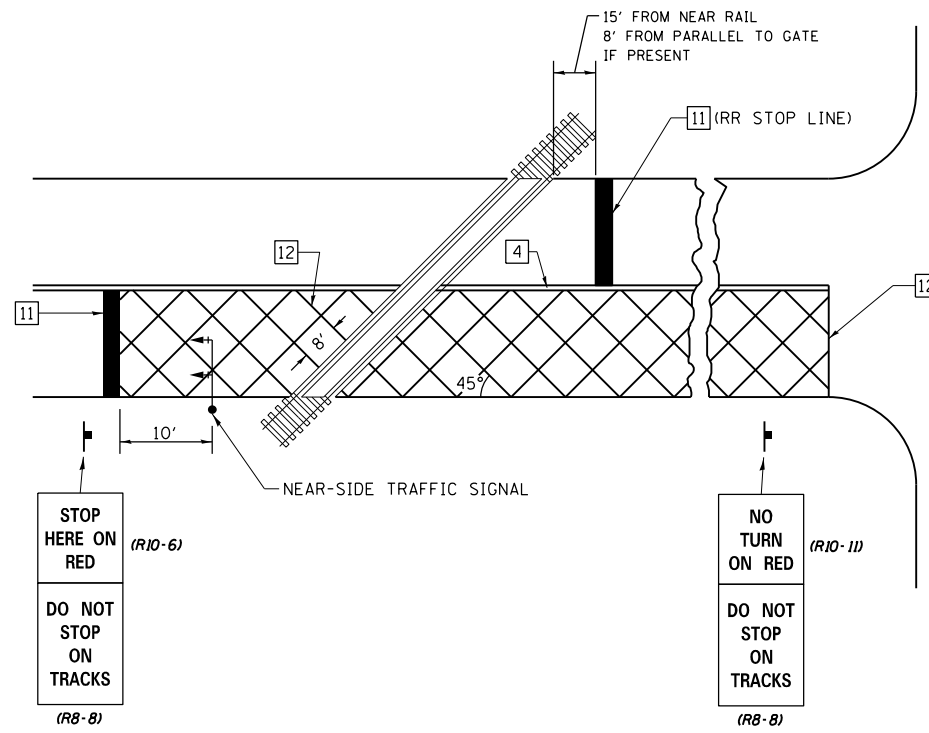
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) 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) PARKING WHITE

RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 7\Projects\74968\DRAWN\CADsheets\0774968-shd-details.dgn		CHECKED -	REVISED -			832	(111.112)RS-3	CLARK	34	34
PLOT SCALE = 100.0000' / 1in.		DATE -	REVISED -			CONTRACT NO. 74968				
PLOT DATE = 2/10/2020						ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.