F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(4)RS-3, (101)RS-11	MENARD	29	1
		ILLINOIS	CONTRACT NO. 72H82	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PROPOSED HIGHWAY PLANS

FAP ROUTE 34 IL 97, IL 123
SECTION (4)RS–3, (101)RS–11
PROJECT STP–GPKT(028)
MENARD COUNTY
C–96–059–15

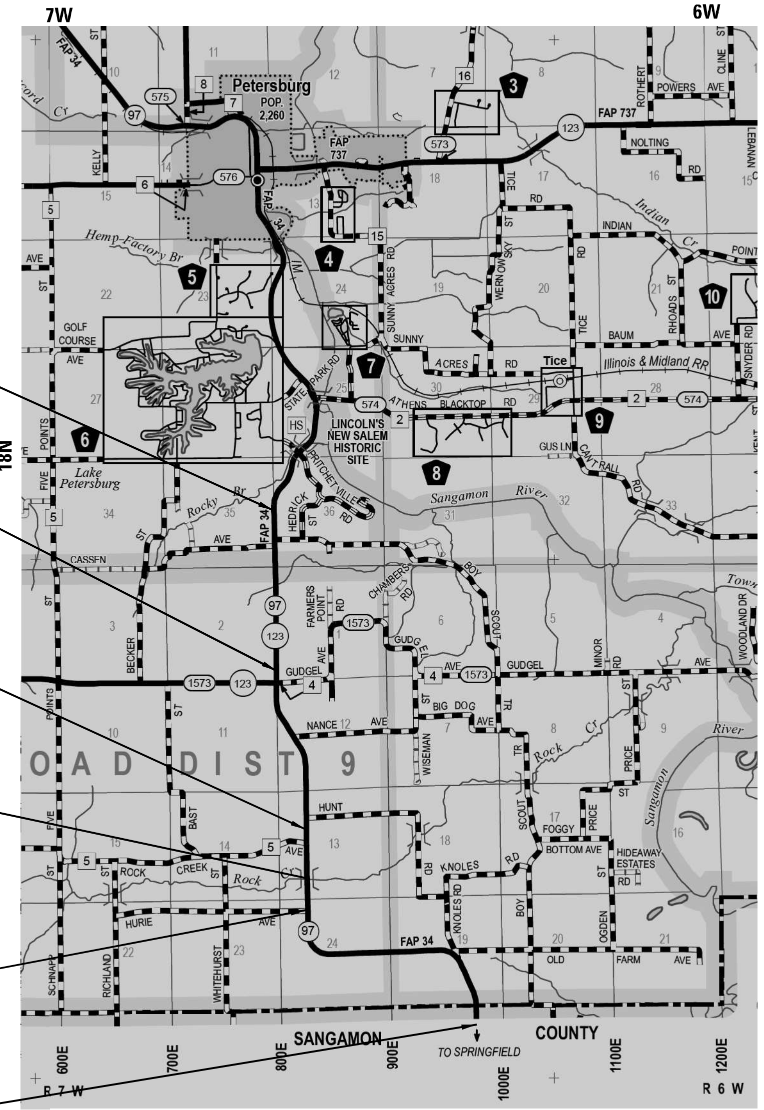
HIGHWAY CLASSIFICATION

F.A.P ROUTE 34 IL 97, IL 123

CLASSIFICATION ; MINOR ARTERIAL (NON URBAN)

ADT : 4,027 (2019)
ADT : 4,913 (2039)
DESIGN SPEED : 60 MPH
POSTED SPEED : 55 MPH
CRS : 3.1 (2019)

PV = 95.01 %
SU = 3.59 %
MU = 1.40 %



BEGIN IMPROVEMENT
STA 334+87.00

STA EQ #1
258+02.45 BK =
0+00.00 AHD

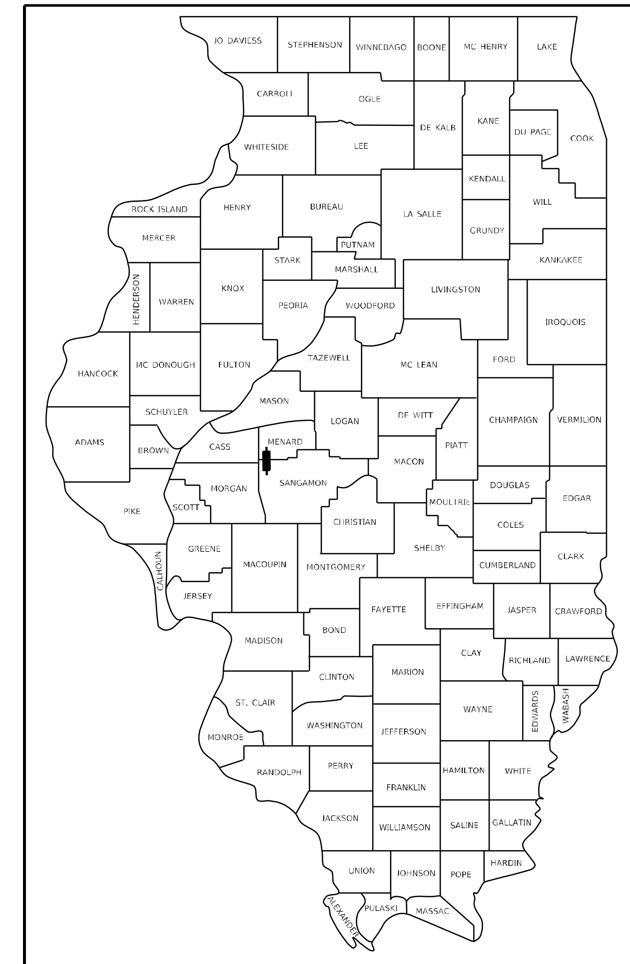
STA EQ #2
99+97.52 BK =
100+00.00 AHD

BRIDGE OMMISSION
104+05.00 TO 105+41.00

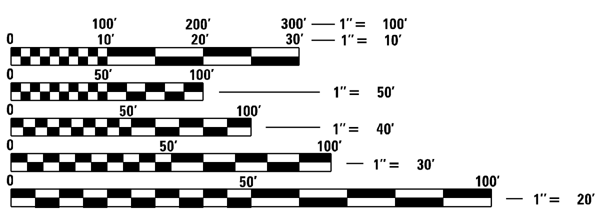
STA EQ #3
110+00.00 BK =
110+00.21 AHD

END IMPROVEMENT
STA 236+36.52

D–96–059–15



LOCATION OF SECTION INDICATED THUS: –



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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 14 20 20

REGIONAL ENGINEER

October 2, 2020

ENGINEER OF DESIGN AND ENVIRONMENT

October 2, 2020

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

TOTAL LENGTH OF PROJECT: 31,782.38 FEET 5.90 MILES
NET LENGTH OF PROJECT: 31,062.38 FEET 5.88 MILES

PROJECT ENGINEER : JAY EDWARDS (217) 785–0597
PROJECT MANAGER : JONATHAN COX (217) 782–1378

CONTRACT NO. 72H82

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINAL
642006	SHOULDER RUMBLE STRIPS, 8 INCHES
701001-02	OFF ROADS OPERATIONS,2L,2W, MORE THAN 15' AWAY FROM PAVEMENT EDGE
701006-05	OFF ROADS OPERATIONS,2L,2W, 15'-24' FROM PAVEMENT EDGE
701011-04	OFF ROAD MOVING OPERATIONS 2L,2W, DAY ONLY
701201-05	LANE CLOSURE 2L,2W DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE 2L,2W SHORT TERM OPERATIONS
701306-04	LANE CLOSURE 2L.2W SLOW MOVING OPERATIONS - DAY ONLY FOR SPEEDS ≥ OR EQUAL TO 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701901-08	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

INDEX OF SHEETS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT 6

EXAMINED August 7 20 20
ENGINEER OF OPERATIONS

EXAMINED August 6 20 20
ENGINEER OF PROJECT IMPLEMENTATION

EXAMINED August 10 20 20
ENGINEER OF PROGRAM DEVELOPMENT

MODEL: Default
FILE NAME: pw:\\planroom.dot.illinois.gov:PWIDOT\Documents\IDOT Offices\District 6\Projects\D672H82\CADData\CADsheets\D672H82-sht-gennote.dgn

USER NAME = coxjw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/13/2020	DATE -	REVISED -	

INDEX OF SHEETS /HIGHWAY STANDARDS

SCALE: | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(4)RS-3, (101)RS-11	MENARD	29	2

CONTRACT NO. 72H82

ILLINOIS | FED. AID PROJECT

GENERAL NOTES

1 THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE

LOCATIONS:	IL 97	IL 97	IL 97	IL 97	IL 97	SIDEROADS & ENTR.
MIXTURE USE(S):	POLY HMA CONC SURF CSE	HMA BINDER CSE	PATCHING	HMA SHOULDERS (LOWER LIFTS ≥ 2.25")	HMA SHOULDERS (TOP LIFT & LIFT ≥ 2.25")	INCIDENTAL HMA SURF
AC/PG:	SBS PG 64-28	PG 64-22	PG 64-22	PG 64-22	PG 64-22 OR SBS PG 64-28	PG 64-22
DESIGN AIR VOIDS	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 19.0	IL 19.0	IL 19.0	IL 9.5	IL 9.5
FRICTION AGGREGATE	MIX "C"	N/A	N/A	N/A	MIX "C"	MIX "C"
QUALITY MANAGEMENT	QCP	QCP	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT SIZE	1,000 TONS	1,000 TONS	N/A	N/A	N/A	N/A

NOTE:
1. QCP APPLIES TO MAINLINE ONLY.

2 THE EXACT LOCATIONS AND SIZES OF PAVEMENT PATCHES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

3 THE APPROXIMATE AVERAGE THICKNESS OF 1.58" IS USED FOR CALCULATING THE QUANTITY FOR AGGREGATE WEDGE SHOULDER, TYPE B.

4 "NO PASSING ZONES" TO BE FIELD VERIFIED BY THE BUREAU OF OPERATIONS,THE RESIDENT ENGINEER SHALL NOTIFY THE BUREAU OF OPERATIONS AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PERMANENT MARKING. (PH: 217-785-5312)

RATE TABLE

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES.

BITUMINOUS MATERIALS (TACK COAT):	0.025 LBS/SQ FT (HMA LIFTS) 0.05 LBS/SQ FT (MILLING)
HMA SURFACE MIX "C":	0.056 TONS/SQ YD
AGGREGATE SHOULDERS:	1.60 TONS/CU YD

COMMITMENTS

NONE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-00795-0000 80% FEDERAL 20% STATE ROADWAY 0005 RURAL
21400100	GRADING AND SHAPING DITCHES	FOOT	3,269	3,269
25000200	SEEDING, CLASS2	ACRE	1.25	1.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	102	102
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	102	102
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	102	102
25000700	AGRICULTURAL GROUND LIMESTONE	TON	2.25	2.25
25100115	MULCH, METHOD 2	ACRE	1.25	1
28000305	TEMPORARY DITCH CHECKS	FOOT	140	140
28000500	INLET AND PIPE PROTECTION	EACH	21	21
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	59,429	59,429
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,806	1,806
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	302	302
40600990	TEMPORARY RAMP	SQ YD	206	206
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	11,018	11,018

REV. - MS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-00795-0000 80% FEDERAL 20% STATE ROADWAY 0005 RURAL
40604150	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL- 9.5, MIX "C", N50	TON	7,421	7,421
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	18,471	18,471
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	431	431
44000155	HOT-MIX ASPHALT SURFACE REMOVAL,1 1/2"	SQ YD	82,274	82,274
44000160	HOT-MIX ASPHALT SURFACE REMOVAL,2 3/4"	SQ YD	5,621	5,621
44004250	PAVED SHOULDER REMOVAL	SQ YD	687	687
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	932	932
48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SQ YD	687	687
48203100	HOT-MIX ASPHALT SHOULDERS	TON	5,852	5,852
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1,271	1,271
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	8	8
63200310	GUARDRAIL REMOVAL	FOOT	1,471	1,471
64200108	SHOULDER RUMBLE STRIPS,8 INCH	FOOT	54,591	54,591
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6

* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-00795-0000 80% FEDERAL 20% STATE ROADWAY 0005 RURAL
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
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	11,565	11,565
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,285	1,285
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	94,518	94,518
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	8	8
* 78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	94,518	94,518
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	395	395
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	17	17
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	395	395
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	30,116	30,116
X4406255	PARTIAL DEPTH REMOVAL, TYPE II,5.5"	SQ YD	127	127

* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-00795-0000 80% FEDERAL 20% STATE ROADWAY 0005 RURAL
X4406455	PARTIAL DEPTH REMOVAL, TYPE III,5.5"	SQ YD	213	213
X4406655	PARTIAL DEPTH REMOVAL, TYPE IV,5.5"	SQ YD	452	452
X4421000	PARTIAL DEPTH PATCHING	TON	244	244
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	31,522	31,522
Ø Z0076600	TRAINEES	HOUR	2,000	2,000
Z0034105	MATERIAL TRANSFER DEVICE	TON	7,421	7,421
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	2,000	2,000
Z0038119	PORTLAND CEMENT CONCRETE SURFACE REMOVAL 1 1/2"	SQ YD	173	173

Ø 0042

REV. - MS

GRADING & SHAPING

LOCATION			21400100 GRADING & SHAPING DITCHES (FOOT)
FAP 34 (IL 97)			
334+87.00	TO	334+08.00 LT	79.00
333+81.00	TO	333+56.00 LT	25.00
333+13.00	TO	332+17.00 LT	96.00
331+70.00	TO	329+92.00 LT	178.00
329+52.00	TO	329+18.00 LT	34.00
328+90.00	TO	328+50.00 LT	40.00
328+58.00	TO	315+47.00 L-R	2622.00
315+47.00	TO	314+22.00 LT	125.00
313+89.00	TO	313+42.00 LT	47.00
313+06.00	TO	312+83.00 LT	23.00
TOTAL			3,269

SEEDING SCHEDULE

LOCATION			AREA (SQ FT)	25000200 25100115 SEEDING & MULCH METH 2 (ACRE)	25000400 NITRO FERT NUTRI (POUND)	25000500 PHOSP FERT NUTRI (POUND)	25000600 POTASS FERT NUTRI (POUND)	25000700 AGRI GRD LIMSTN (TON)
FAP 34 (IL 97)				*				
334+87.00	TO	334+08.00 LT	1,185	0.03	2.45	2.45	2.45	0.05
333+81.00	TO	333+56.00 LT	375	0.01	0.77	0.77	0.77	0.02
333+13.00	TO	332+17.00 LT	1,440	0.03	2.98	2.98	2.98	0.07
331+70.00	TO	329+92.00 LT	2,670	0.06	5.52	5.52	5.52	0.12
329+52.00	TO	329+18.00 LT	510	0.01	1.05	1.05	1.05	0.02
328+90.00	TO	328+50.00 LT	600	0.01	1.24	1.24	1.24	0.03
328+58.00	TO	315+47.00 L-R	39,330	0.90	81.26	81.26	81.26	1.81
315+47.00	TO	314+22.00 LT	1,875	0.04	3.87	3.87	3.87	0.09
313+89.00	TO	313+42.00 LT	705	0.02	1.46	1.46	1.46	0.03
313+06.00	TO	312+83.00 LT	345	0.01	0.71	0.71	0.71	0.02
TOTAL				1.13	101.31	101.31	101.31	2.25
* ADD APPOX. 10% OF COVERAGE				1.25	Use 102	Use 102	Use 102	

EROSION CONTROL

LOCATION		28000500 INLET & PIPE PROTECT (EACH)	28000305 TEMP DITCH CHECKS (FOOT)
FAP 34 (IL 97)			
334+50.00	R		10
334+12.00	L	1	
333+60.00	L	1	
332+50.00	R		10
332+22.00	L	1	
331+00.00	R		10
329+50.00	R	1	
328+75.00	R	1	10
328+25.00	L		
328+50.00	L	1	
328+25.00	L		10
327+75.00	R	1	
326+50.00	R	1	
326+12.00	L		10
325+00.00			10
320+05.00	R	1	
323+67.00	R	1	
323+50.00	R		10
322+00.00			10
321+50.00	R	1	
320+95.00	L	1	
320+50.00	R		10
319+60.00	R	1	10
318+93.00	R	1	
318+83.00	L	1	
318+11.00	R	1	
317+65.00	L	1	
317+95.00	R	1	
316+17.00	R	1	
315+61.00	R		10
315+50.00	R	1	
315+31.00	R		10
314+40.00	L	1	
313+50.00	L		10
TOTAL		21	140

PORTLAND CEMENT CONCRETE REMOVAL

LOCATION				LENGTH (FOOT)	WIDTH (FOOT)	Z0038119 PCC SURF REM 1 1/2" (SQ.YD)	40600985 PCC SURF BJ REM (SQ.YD)	40603510 POLY HMA SURF CSE MIX C N50 (TON)
FAP 34 (IL 97)								
324+32.00	TO	323+56.00	LT	76	8		68	5.67
318+90.00	TO	318+26.00	LT	64	8		57	4.78
317+77.00	TO	316+85.00	LT	92	8		82	6.87
315+28.00	TO	314+20.00	LT	108	8		96	8.06
103+75.00	TO	104+05.00		30	26	87		
105+41.00	TO	105+71.00		30	26	87		
TOTAL						173	302	25.39

*(SEE PAVING SCHEDULE FOR HMA SURF CRSE TOTAL.)

BITUMINOUS MATERIALS (TACK COAT)

LOCATION			LENGTH (FOOT)	PVT WIDTH (FOOT)	40600290 BIT MAT TC (MILLING) (POUND)	40600290 BIT MAT TC (HMA LIFT) (POUND)	40800029 BIT MAT TC (ENT & SR) (POUND)
FAP 34 (IL 97)							
334+87.00	TO	258+02.45	7,684.55	24.0	9,221.46	4,610.73	
STATION EQUATION: STA. 258+02.45 BK= STA. 00+00.00 AH							
00+00.00	TO	14+93.00	1,493.00	24.0	1,791.60	895.80	
14+93.00	TO	99+97.52	8,504.52	26.0	11,055.88	5,527.94	
STATION EQUATION: STA. 99+97.52 BK= STA. 100+00.00 AH							
100+00.00	TO	104+05.00	405.00	26.0	526.50	263.25	
BRIDGE OMISSION: STA. 104+05.00 TO STA. 105+41.00							
105+41.00	TO	110+00.00	459.00	26.0	596.70	298.35	
STATION EQUATION: STA. 110+00.00 BK= STA. 110+00.21 AH							
110+00.21	TO	236+36.52	12,636.31	26.0	16,427.20	8,213.60	
ENT & SIDEROADS (SQ FT)			36,942				18,471.00
SUB TOTAL					39,619	19,810	18,471
TOTAL					59,429		18,471

HMA SURFACE REMOVAL

LOCATION			LENGTH (FOOT)	WIDTH (FOOT)	40600982 HMA SURF REM BJ (SQ YD)	44000155 HMA SUR REM 1 1/2" (SQ YD)	44000158 HMA SURF REM 2 3/4" (SQ YD)	X4401198 HMA SURF REM *(VAR DP) (SQ YD)
FAP 34 (IL 97)								
334+87.00	TO	334+12.00	75.0	24.0		200.00		133.33
334+12.00	TO	258+02.45	7,609.6	24.0		20,292		13,528.09
STATION EQUATION: STA. 258+02.45 BK= STA. 00+00.00 AH								
00+00.00	TO	14+93.00	1,493.00	24.0		3,981.33		2,654.22
14+93.00	TO	17+00.00	207.00	26.0		598		138.00
17+00.00	TO	18+00.00	100.00	26.0		288.89		
18+00.00	TO	19+10.00	110.00	26.0		317.78		73.33
19+10.00	TO	20+20.00	110.00	26.0		317.78		
20+20.00	TO	40+17.00	1,997.00	26.0		5,769.11		1,331.33
40+17.00	TO	86+25.00	4,608.00	26.0		13,312.00		3,072.00
86+25.00	TO	86+50.00	25.00	26.0			72	16.67
86+50.00	TO	88+06.00	156.00	26.0			450.67	138.67
88+06.00	TO	97+33.00	927.00	26.0			2,678.00	618.00
97+33.00	TO	97+58.00	25.00	26.0			72	16.67
97+58.00	TO	99+97.52	239.52	26.0		691.95		159.68
STATION EQUATION: STA. 99+97.52 BK= STA. 100+00.00 AH								
100+00.00	TO	103+30.00	330.00	26.0		953.33		220.00
103+30.00	TO	103+75.00	45.00	26.0		130		30.00
103+75.00	TO	104+05.00	PCC SURF REM 1 1/2"					
BRIDGE OMISSION: STA. 104+05.00 TO STA. 105+41.00								
105+41.00	TO	105+71.00	PCC SURF REM 1 1/2"					
105+71.00	TO	106+07.00	45.00	26.0			130	30.00
106+07.00	TO	110+00.00	393.00	26.0			1,135.33	524.00
STATION EQUATION: STA. 110+00.00 BK= STA. 110+00.21 AH								
110+00.21	TO	111+62.00	161.79	26.0			467.39	215.72
111+62.00	TO	113+50.00	188.00	26.0			543.11	125.33
113+50.00	TO	113+75.00	25.00	26.0			72	16.67
113+75.00	TO	135+00.00	2,125.00	26.0		6,138.89		1,416.67
135+00.00	TO	150+00.00	1500.00	26.0		4,333.33		
150+00.00	TO	233+36.00	8336.00	26.0		24,081.78		5,557.33
233+36.00	TO	234+86.00	150.00	26.0		433.33		
234+86.00	TO	235+61.52	75.52	26.0		218.17		50.35
235+61.52	TO	236+36.52	75.00	26.0		217		50.00
INCIDENTAL HMA SURFACING SIDE ROADS & ENTRANCES					1,805.77			
TOTAL					1,806	82,274	5,621	30,116

TEMPORARY RAMP

LOCATION			LENGTH (FOOT)	WIDTH (FOOT)	40600990 TEMP RAMP (SQ YD)
FAP 34 (IL 97)					
334+57.00	TO	334+62.00	5.0	24.0	13.33
HMA CE - 333+66.00 LT			1.5	40.0	6.67
HMA CE - 331+91.00 RT			1.5	43.0	7.17
HMA CE - 329+69.00 RT			1.5	38.0	6.33
HMA CE - 329+00.00 RT			1.5	28.0	4.67
HMA CE - 328+05.00 RT			1.5	32.0	5.33
HMA CE - 326+65.00 RT			1.5	25.0	4.17
HMA CE - 326+29.00 RT			1.5	28.0	4.67
HMA CE - 323+92.00 LT			1.5	45.0	7.50
HMA CE - 323+73.00 RT			1.5	65.0	10.83
HMA CE - 321+14.00 RT			1.5	48.0	8.00
HMA CE - 319+32.00 RT			1.5	41.0	6.83
HMA CE - 318+67.00 RT			1.5	33.0	5.50
HMA CE - 316+64.00 RT			1.5	42.0	7.00
HMA CE - 315+94.00 RT			1.5	43.0	7.17
HMA CE - 314+06.00 RT			1.5	43.0	7.17
HMA CE - 313+23.00 RT			1.5	33.0	5.50
HMA CE - 312+65.00 RT			1.5	29.0	4.83
HMA CE - 311+81.00 LT			1.5	30.0	5.00
HMA CE - 307+48.00 LT			1.5	32.0	5.33
HMA CE - 304+78.00 LT			1.5	50.0	8.33
HMA CE - 300+70.00 LT			1.5	31.0	5.17
HMA PE - 296+70.00 LT			1.5	30.0	5.00
HMA PE - 217+08.00 RT			1.5	35.0	5.83
HMA CE - 14+00.00 LT			1.5	29.0	4.83
104+00.00	TO	104+05.00	5.0	26.0	14.44
105+41.00	TO	105+46.00	5.0	26.0	14.44
236+06.52	TO	236+11.52	5.0	26.0	14.44
TOTAL					206

PAVING SCHEDULE

LOCATION			LENGTH (FOOT)	WIDTH (FOOT)	40603080 HMA BC IL19.0 N 50 (TON)	40603510 POLY HMA SURF CSE MIX C N50 (TON)	Z0033700 LONG JOINT SEALANT (FOOT)	Z0034105 MATERIAL TRANSFER DEVICE (TON)
FAP 34 (IL 97)								
334+87.00	TO	334+57.00	30.00	24.0		6.72	30.00	6.72
334+57.00	TO	334+12.00	45.00	24.0	7.56	10.08	45.00	10.08
334+12.00	TO	258+02.45	7,609.55	24.0	2,556.81	1,704.54	7,609.55	1,704.54
STATION EQUATION: STA. 258+02.45 BK= STA. 00+00.00 AH								
00+00.00	TO	14+93.00	1,493.00	24.0	501.65	334.43	1,493.00	334.43
14+93.00	TO	17+00.00	207.00	26.0	75.35	50.23	207.00	50.23
17+00.00	TO	18+00.00	100.00	26.0	36.40	24.27	100.00	24.27
18+00.00	TO	19+10.00	110.00	26.0	40.04	26.69	110.00	26.69
19+10.00	TO	20+20.00	110.00	26.0	40.04	26.69	110.00	26.69
20+20.00	TO	40+17.00	1,997.00	26.0	726.91	484.61	1,997.00	484.61
40+17.00	TO	88+06.00	4,789.00	26.0	1,743.20	1,162.13	4,789.00	1,162.13
88+06.00	TO	97+35.00	929.00	26.0	338.16	225.44	929.00	225.44
97+35.00	TO	99+97.52	262.52	26.0	95.56	63.70	262.52	63.70
STATION EQUATION: STA. 99+97.52 BK= STA. 100+00.00 AH								
100+00.00	TO	103+30.00	330.00	26.0	120.12	80.08	330.00	80.08
103+30.00	TO	103+75.00	45.00	26.0	8.19	10.92	45.00	10.92
103+75.00	TO	104+05.00	30.00	26.0		7.28	30.00	7.28
BRIDGE OMISSION: STA. 104+05.00 TO STA. 105+41.00								
105+41.00	TO	105+71.00	30.00	26.0		7.28	30.0	7.28
105+71.00	TO	106+16.00	45.00	26.0	8.19	10.92	45.00	10.92
106+16.00	TO	110+00.00	384.00	26.0	139.78	93.18	384.00	93.18
STATION EQUATION: STA. 110+00.00 BK= STA. 110+00.21 AH								
110+00.21	TO	111+62.00	161.79	26.0	58.89	39.26	161.79	39.26
111+62.00	TO	135+00.00	2,338.00	26.0	851.03	567.35	2,338.00	567.35
135+00.00	TO	150+00.00	1,500.00	26.0	546.00	364.00	1,500.00	364.00
150+00.00	TO	233+36.00	8,336.00	26.0	3,034.30	2,022.87	8,336.00	2,022.87
233+36.00	TO	234+86.00	150.00	26.0	54.60	36.40	150.00	36.40
234+86.00	TO	235+61.52	75.52	26.0	27.49	18.33	75.52	18.33
235+61.52	TO	236+06.52	45.00	26.0	8.19	10.92	45.00	10.92
236+06.52	TO	236+36.52	30.00	26.0		7.28	30.00	7.28
ADDITIONAL HMA SURF CSE @ PCC ENT (SEE PCC SURF REM BJ SCH)						25.39	340.00	25.39
TOTAL					11,018	7,421	31,522	7,421

INCIDENTAL HOT-MIX ASPHALT SURFACING

40800050 HMA

DESCRIPTION	STATION	EXIST. ENTR.	FROM E.O.P. (FOOT)	WIDTH (@eop) (FOOT)	WIDTH (etnr.) (FOOT)	THICK (INCH)	ENTR. AREA (SQ FT)	ENTR. TOTAL (TON)	SIDE RD. AREA (SQ FT)	SIDE RD. TOTAL (TON)	TOTAL (TON)	Aggr. Shldr AREA (SQ FT)
FAP 34 (IL 97)												
LIMITS OF IMROVEMENT	334+87.00											
PAVING BEGINS	334+57.00											
HMA CE LT	333+66.00	BIT.	9	40	33	2.25to1.5	328.50	3.83			3.83	1.47
HMA CE RT	331+91.00	BIT.	9	43	33	2.25to1.5	342.00	3.99			3.99	1.47
HMA CE RT	329+69.00	BIT.	9	38	23	2.25to1.5	274.50	3.20			3.20	1.02
HMA CE RT	329+00.00	BIT.	9	28	17	2.25to1.5	202.50	2.36			2.36	0.76
HMA CE RT	328+05.00	BIT.	9	32	18	2.25to1.5	225.00	2.63			2.63	0.80
HMA CE RT	326+65.00	BIT.	9	25	14	2.25to1.5	175.50	2.05			2.05	0.62
HMA CE RT	326+30.00	BIT.	9	28	17	2.25to1.5	202.50	2.36			2.36	0.76
PCC CE RT	324+26.00	PCC	PCC SURF REM -BJ NO WORK									1.47
HMA CE LT	323+92.00	BIT.	18	45	30	2.25to1.5	675.00	7.88			7.88	1.33
HMA CE RT	323+73.00	BIT.	19	65	34	2.25to1.5	940.50	10.97			10.97	1.51
HMA CE RT	321+14.00	BIT.	9	48	30	2.25to1.5	351.00	4.10			4.10	1.33
BOY SCOUT RD LT	320+62.00	BIT.	32	68	30	2.25to1.5	1,568.00	18.29			18.29	1.33
HMA CE RT	319+32.00	BIT.	9	41	28	2.25to1.5	310.50	3.62			3.62	1.24
HMA CE RT	318+67.00	BIT.	9	33	23	2.25to1.5	252.00	2.94			2.94	1.02
PCC CE LT	318+57.00	PCC	PCC SURF REM -BJ NO WORK									1.47
CASSEN RD RT	317+80.20	BIT.	26	60	28	2.25to1.5	1,144.00	13.35			13.35	1.24
PCC CE LT	317+34.00	PCC	PCC SURF REM -BJ NO WORK									1.47
HMA CE RT	316+64.00	BIT.	9	42	27	2.25to1.5	310.50	3.62			3.62	1.20
HMA CE RT	315+94.00	BIT.	9	43	28	2.25to1.5	319.50	3.73			3.73	1.24
PCC CE LT	314+76.00	PCC	PCC SURF REM -BJ NO WORK									1.47
HMA CE RT	314+06.00	BIT.	9	43	24	2.25to1.5	301.50	3.52			3.52	1.07
HMA CE RT	313+23.00	BIT.	9	33	19	2.25to1.5	234.00	2.73			2.73	0.84
HMA CE RT	312+65.00	BIT.	9	29	18	2.25to1.5	211.50	2.47			2.47	0.80
HMA CE LT	311+81.00	BIT.	9	30	22	2.25to1.5	234.00	2.73			2.73	0.98
HMA PE LT	307+48.00	BIT.	9	32	20	2.25to1.5	234.00	2.73			2.73	0.89
HMA CE LT	304+78.00	BIT.	9	50	27	2.25to1.5	346.50	4.04			4.04	1.20
HMA CE LT	300+70.00	BIT.	9	31	20	2.25to1.5	229.50	2.68			2.68	0.89
HMA PE LT	296+70.00	BIT.	7	30	18	2.25to1.5	168.00	1.96			1.96	0.80
HMA PE RT	271+08.00	BIT.	7	35	19	2.25to1.5	189.00	2.21			2.21	0.84
STATION EQUATION: STA. 258+02.45 BK= STA. 00+00.00 AH												
GUDGEL RD LT	06+74.00	BIT.	30	155	32	2.25to1.5			2,805.00	32.73	32.73	1.42
IL 123 RT	06+78.00	BIT.	100	72	34	2.25to1.5			5,300.00	61.83	61.83	1.51
HMA CE LT	14+00.00	BIT.	9	29	16	2.25to1.5	202.50	2.36			2.36	0.71
HMA CE LT	17+53.00	BIT.	9	37	18	2.25to1.5	247.50	2.89			2.89	0.80
HMA CE LT	19+15.00	BIT.	9	38	14	2.25to1.5	234.00	2.73			2.73	0.62
HMA PE RT	19+42.00	BIT.	7	49	22	2.25to1.5	248.50	2.90			2.90	0.98
HMA PE LT	21+36.00	BIT.	7	44	23	2.25to1.5	234.50	2.74			2.74	1.02
HMA PE RT	26+64.00	BIT.	7	28	10	2.25to1.5	133.00	1.55			1.55	0.44
NANCE AVE LT	34+90.00	BIT.	46	70	22	2.25to1.5			2,116.00	24.69	24.69	0.98
HUNT RD LT	75+28.00	BIT.	36	60	22	2.25to1.5			1,476.00	17.22	17.22	0.98
ROCK CREEK AVE RT	87+33.00	BIT.	55	94	20	2.25to1.5			3,135.00	36.58	36.58	0.89
STATION EQUATION: STA. 99+97.52 BK= STA. 100+00.00 AH												
BRIDGE OMISSION: STA. 104+05.00 TO STA. 105+41.00												
STATION EQUATION: STA. 110+00.00 BK= STA. 110+00.21 AH												
HMA PE LT	114+88.00	BIT.	7	58	32	2.25to1.5	315.00	3.68			3.68	1.42
HURIE AVE RT	120+22.08	BIT.	25	70	20	2.25to1.5			1,125.00	13.13	13.13	0.89
DEER PARK LN LT	120+55.25	BIT.	25	80	28	2.25to1.5			1,350.00	15.75	15.75	1.24
HMA PE RT	121+12.00	BIT.	7	22	11	2.25to1.5	115.50	1.35			1.35	0.49
HMA PE RT	133+00.00	BIT.	7	92	40	2.25to1.5	462.00	5.39			5.39	1.78
HMA PE RT	161+65.00	BIT.	7	42	14	2.25to1.5	196.00	2.29			2.29	0.62
HMA CE LT	171+32.00	BIT.	9	82	54	2.25to1.5	612.00	7.14			7.14	2.40
HMA CE LT	173+45.00	BIT.	9	65	34	2.25to1.5	445.50	5.20			5.20	1.51
HMA PE LT	188+77.00	BIT.	9	58	29	2.25to1.5	391.50	4.57			4.57	1.29
KNOLES RD LT	210+00.00	BIT.	88	107	30	2.25to1.5			6,028.00	70.33	70.33	1.33
SECTION ENDS	433+33.79											
LIMITS OF IMPROVEMENT	433+88.79											
TOTAL				2,344			13,607	159	23,335	272	431	56

BUTT JOINT 4,104.67 SQ YD
BIT MAT TC 36,942 SQ FT

HMA SHOULDER

LOCATION				LENGTH (FOOT)	WIDTH (FOOT)	SHLD THICK (INCHES)	44004250 PVD SHD REM (SQ YD)	48203100 HMA SHLDS (TON)	48203023 HMA SHLDS 6 1/2" (SQ YD)
FAP 34 (IL 97)									
334+87.00	TO	334+57.00	x2	30.0	8	3.125		9.3	
334+57.00	TO	324+32.00	x2	1025.00	8	3.125		318.9	
324+32.00	TO	323+56.00	RT	76.00	8	3.125		11.8	
323+56.00	TO	318+90.00	x2	466.00	8	3.125		145.0	
318+90.00	TO	318+26.00	RT	64.00	8	3.125		10.0	
318+26.00	TO	317+77.00	x2	49.00	8	3.125		15.2	
317+77.00	TO	316+85.00	RT	92.00	8	3.125		14.3	
316+85.00	TO	315+28.00	x2	157.00	8	3.125		48.8	
315+28.00	TO	314+20.00	RT	108.00	8	3.125		16.8	
314+20.00	TO	258+02.45	x2	5,617.6	8	3.125		1,747.7	
STATION EQUATION: STA. 258+02.45 BK= STA. 00+00.00 AH									
00+00.00	TO	14+93.00	x2	1,493.00	8	3.125		464.5	
14+93.00	TO	17+00.00	x2	207.00	3	3.75		29.0	
17+00.00	TO	18+00.00	x1	100.00	3	3.75	33.33	7.0	33.33
18+00.00	TO	19+10.00	x1	110.00	3	3.75		7.7	
19+10.00	TO	20+20.00	x1	110.00	3	3.75	36.67	7.7	36.67
20+20.00	TO	40+17.00	x2	1,997.00	3	3.75		279.6	
40+17.00	TO	88+06.00	x2	4,789.00	3	3.75		670.5	
88+06.00	TO	97+35.00	x2	929.00	4	3.75		173.4	
97+35.00	TO	99+97.52	x2	262.52	3	3.75		36.8	
STATION EQUATION: STA. 99+97.52 BK= STA. 100+00.00 AH									
100+00.00	TO	103+75.00	x2	375.00	3	3.75		52.5	
103+75.00	TO	104+05.00	x2	30.0	3	3.75		4.2	
BRIDGE OMISSION: STA. 104+05.00 TO STA. 105+41.00									
105+41.00	TO	106+07.00	x2	66.00	3	3.75		9.2	
106+07.00	TO	110+00.00	x2	393.00	6	3.75		110.0	
STATION EQUATION: STA. 110+00.00 BK= STA. 110+00.21 AH									
110+00.21	TO	111+62.00	x2	161.79	6	3.75		45.3	
111+62.00	TO	133+00.00	x2	2,138.00	3	3.75		299.3	
133+00.00	TO	150+00.00	x1	1,700.00	3	3.75	567	119.0	567
150+00.00	TO	233+36.00	x2	8,336.00	3	3.75		1,167.0	
233+36.00	TO	234+86.00	x1	150.00	3	3.75	50	10.5	50
234+86.00	TO	235+61.52	x2	75.52	3	3.75		10.6	
235+61.52	TO	236+06.52	x2	45.00	3	3.75		6.3	
236+06.52	TO	236+36.52	x2	30.00	3	3.75		4.2	
TOTAL							687	5,852	687

SHOULDER RUMBLE STRIPS

LOCATION				64200108 SHLD RUMBLE STRIPS (FOOT)
FAP 34 (IL 97)				
296+00.00	TO	258+02.45	x2	7,595
STA EQ: STA. 258+02.45 BK= STA. 00+00.00 AH				
00+00.00	TO	99+97.52	x2	19,995
STA EQ: STA 99+97.52 BK= STA 100+00.00 AH				
100+00.00	TO	104+05.00	x2	810
BRIDGE OMIT: STA.104+05.00 TO STA.105+41.00				
105+41.00	TO	110+00.00	x2	918
STA EQ: STA 110+00.00 BK= STA. 110+00.21 AH				
110+00.21	TO	236+36.52	x2	25,273
TOTAL				54,591

NET QTY = 62,365 - ENTRANCES & SIDE ROADS
(62,365-2,428) = 59,937 FOOT

PAVEMENT MARKING

LOCATION			78009005 5" MOD URT PAVT MK (YELLOW) SKIP-DASH (FOOT)	MOD URT PAVT MK (YELLOW) SOLID (FOOT)	MOD URT PAVT MK (YELLOW) DBL-SOLID (FOOT)	MOD URT PAVT MK (WHITE) SOLID (FOOT)
FAP 34 (IL 97)						
334+87.00	TO	330+00.00	162	487		974
330+00.00	TO	325+00.00			1,000	1,000
325+00.00	TO	315+00.00	333	1,000		2,000
315+00.00	TO	278+00.00	1,233			7,400
278+00.00	TO	258+02.45	666	1,998		3,995
STATION EQUATION: STA. 258+02.45 BK= STA. 00+00.00 AH						
00+00.00	TO	07+00.00	233			1,400
07+00.00	TO	17+00.00	250	1,000		2,000
17+00.00	TO	23+00.00			1,200	1,200
23+00.00	TO	45+00.00	550	2,200		4,400
45+00.00	TO	50+00.00			1,000	1,000
50+00.00	TO	60+00.00	250	1,000		2,000
60+00.00	TO	78+00.00	450			3,600
78+00.00	TO	85+00.00	175	700		1,400
85+00.00	TO	90+00.00			1,000	1,000
90+00.00	TO	98+00.00	200	800		1,600
98+00.00	TO	99+97.52	49			395
STATION EQUATION: STA. 99+97.52 BK= STA. 100+00.00 AH						
100+00.00	TO	104+05.00	101.25	405.00		810.00
BRIDGE OMISSION: STA. 104+05.00 TO STA. 105+41.00						
105+41.00	TO	110+00.00	114.75	459.00		918.00
STATION EQUATION: STA. 110+00.00 BK= STA. 110+00.21 AH						
110+00.21	TO	113+00.00			600	600
113+00.00	TO	131+00.00	450	1,800		3,600
131+00.00	TO	150+00.00			3,800	3,800
150+00.00	TO	190+00.00	1,000			8,000
190+00.00	TO	195+00.00	125	500		1,000
195+00.00	TO	210+00.00			3,000	3,000
210+00.00	TO	222+00.00	300	1,200		2,400
222+00.00	TO	236+36.52	359			2,873
SUB TOTAL			7,003	13,549	11,600	62,365
TOTAL			94,518			

SHORT TERM PAVEMENT MARKING SCHEDULE

LOCATION				LENGTH (FOOT)	70300100 SHORT TERM PVT MK (FOOT)	70300150 SHORT TERM PVT MK REM (SQ FT)
FAP 34 (IL 97)						
334+87.00	TO	258+02.45	*	7684.55	1383.22	461.07
STA EQ: STA. 258+02.45 BK= STA. 00+00.00 AH						
00+00.00	TO	99+97.52	*	9997.52	1119.03	373.01
STA EQ: STA. STA. 99+97.52 BK= STA. 100+00.00 AH						
100+00.00	TO	104+05.00		405	40.50	13.50
BRIDGE OMIT: STA. 104+05.00 TO STA. 105+41.00						
105+41.00	TO	110+00.00		459	45.90	15.30
STA EQ: STA. 110+00.00 BK= STA. 110+00.21 AH						
110+00.21	TO	236+63.52		12663.31	1266.33	422.11
MILLING					3,854.98	
BINDER COURSE					3,854.98	
SURFACE COURSE					3,854.98	
TOTAL					11,565	1,285

*INCLUDING 8' SHOULDER FROM 334+87.00 TO 14+00.00 @ 4' STRIPE AND 100' SPACING LT & RT.

AGGREGATE WEDGE SHOULDERS, TYPE B

LOCATION				AVG. THICK (INCHES)	LENGTH (FOOT)	WIDTH (FOOT)	AREA (CU YD)	48102100 AGG WGE SHLD TB (TON)
FAP 34 (IL 97)								
14+93.00	TO	88+00.00	x2	1.625	7,307.00	3.0	219.89	351.82
97+35.00	TO	99+97.52	x2	1.625	262.52	3.0	7.90	12.64
STATION EQUATION: STA. 99+97.52 BK= STA. 100+00.00 AH								
100+00.00	TO	104+05.00	x2	1.625	405.00	3.0	12.19	19.50
BRIDGE OMISSION: STA. 104+05.00 TO STA. 105+41.00								
105+41.00	TO	106+07.00	x2	1.625	66.00	3.0	1.99	3.18
111+62.00	TO	236+36.52	x2	1.625	12,474.52	3.0	375.39	600.63
SUBTRACT AGG SHLD AREA FROM SIDE RD & ENT								-56
TOTAL								932

RAISED REFLECTIVE PAVEMENT MARKING

LOCATION			78300200 RAISED REFL PM REMOV (EACH)	78100100 RAISED REFL PAVT MK (EACH)
FAP 34 (IL 97)				
334+87.00	TO	258+02.45	97	97
STA EQ: STA. 258+02.45 BK= STA. 00+00.00 AH				
00+00.00	TO	99+97.52	126	126
STA EQ: STA. 99+97.52 BK= STA. 100+00.00 AH				
100+00.00	TO	104+05.00	6	6
BRIDGE OMIT: STA.104+05.00 TO STA.105+41.00				
105+41.00	TO	110+00.00	7	7
STA EQ: STA 110+00.00 BK= STA. 110+00.21 AH				
110+00.21	TO	236+36.52	159	159
TOTAL			395	395

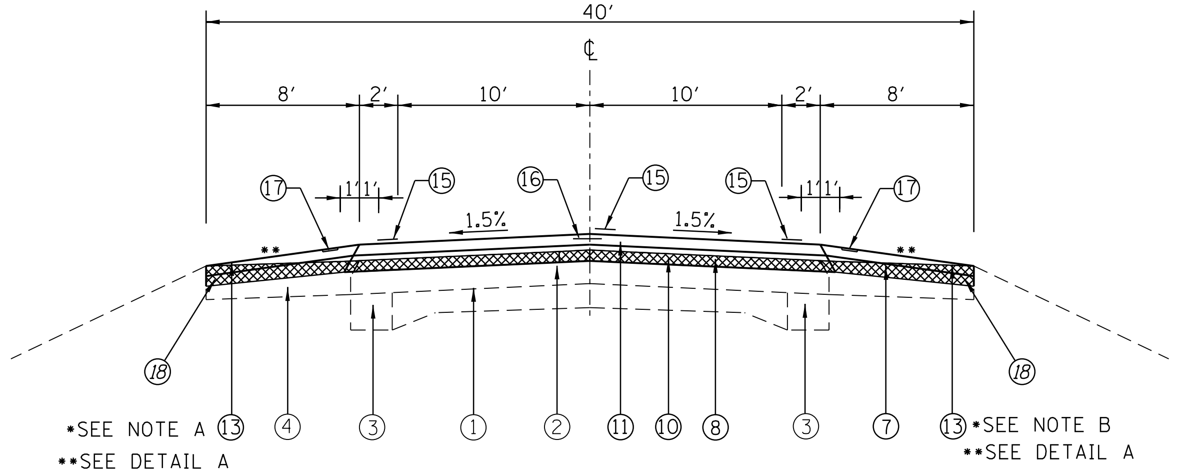
GUARDRAIL SCHEDULE

LOCATION				LENGTH (FOOT)	63000001 SPBGR TA 6' POSTS FOOT	63100167 TRAF BAR TERM T1 SPL EACH	63200310 GUARDRAIL REMOV FOOT	72501000 TERMINAL MARKER DA EACH	78200005 GRDRAIL REF TA EACH
FAP 34 (IL 97)									80' SPACE
310+39.00	TO	303+00.00	LT	739.0			739.00		
310+39.00	TO	310+14.00	LT	25.00		1		1	
310+14.00	TO	303+25.00	LT	689.00	689.00				9
303+25.00	TO	303+00.00	LT	25.00		1		1	
310+27.00	TO	307+86.00	RT	241.0			241.00		
310+27.00	TO	310+02.00	RT	25.00		1		1	
310+02.00	TO	308+11.00	RT	191.00	191.00				2
308+11.00	TO	307+86.00	RT	25.00		1		1	
300+24.00	TO	297+00.00	RT	324.0			324.00		
300+24.00	TO	299+99.00	RT	25.00		1		1	
299+99.00	TO	297+25.00	RT	274.00	274.00				3
297+25.00	TO	297+00.00	RT	25.00		1		1	
298+50.00	TO	296+83.00	LT	167.0			167.00		
298+50.00	TO	298+25.00	LT	25.00		1		1	
298+25.00	TO	297+08.00	LT	117.00	117.00				2
297+08.00	TO	296+83.00	LT	25.00		1		1	
TOTAL					1,271	8	1,471	8	17

PARTIAL DEPTH PATCH

LOCATION				LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ FT)	X4406255 PART DEPTH REM T2, 5.5" (SQ YD)	X4406455 PART DEPTH REM T3, 5.5" (SQ YD)	X4406655 PART DEPTH REM T4, 5.5" (SQ YD)	X4421000 PART DEPTH PATCH (TON)
FAP 34 (IL 97)										
61+00.00	TO	61+60.00	NB	60.0	12.0	720.0		80.0		24.6
61+15.00	TO	61+45.00	SB	30.0	12.0	360.0	40.0			12.3
SN 065-0017 N. APPR.				12.0	12.0	144.0			16.0	4.9
SN 065-0017 S. APPR.				12.0	12.0	144.0			16.0	4.9
162+05.00	TO	162+45.00	NB	40.0	12.0	480.0		53.3		16.4
213+00.00	TO	214+10.00	NB	110.0	12.0	1,320.0			146.7	45.2
219+45.00	TO	220+60.00	NB	115.0	12.0	1,380.0			153.3	47.2
222+05.00	TO	222+65.00	SB	60.0	12.0	720.0		80.0		24.6
222+30.00	TO	223+20.00	NB	90.0	12.0	1,080.0			120.0	37.0
223+90.00	TO	224+20.00	NB	30.0	12.0	360.0	40.0			12.3
224+55.00	TO	224+90.00	NB	35.0	12.0	420.0	46.7			14.4
TOTAL							127	213	452	244

* The 7.75" Hot-Mix Asphalt binder and surface provides adequate pavement structure regardless of the condition of the underlying material. The pavement core data indicates the material to be removed is variable. The data shows 5 to 6 inches of Hot-Mix Asphalt over deteriorated concrete. The intention of the partial depth patching is to remove the Hot-Mix Asphalt to the top of concrete.



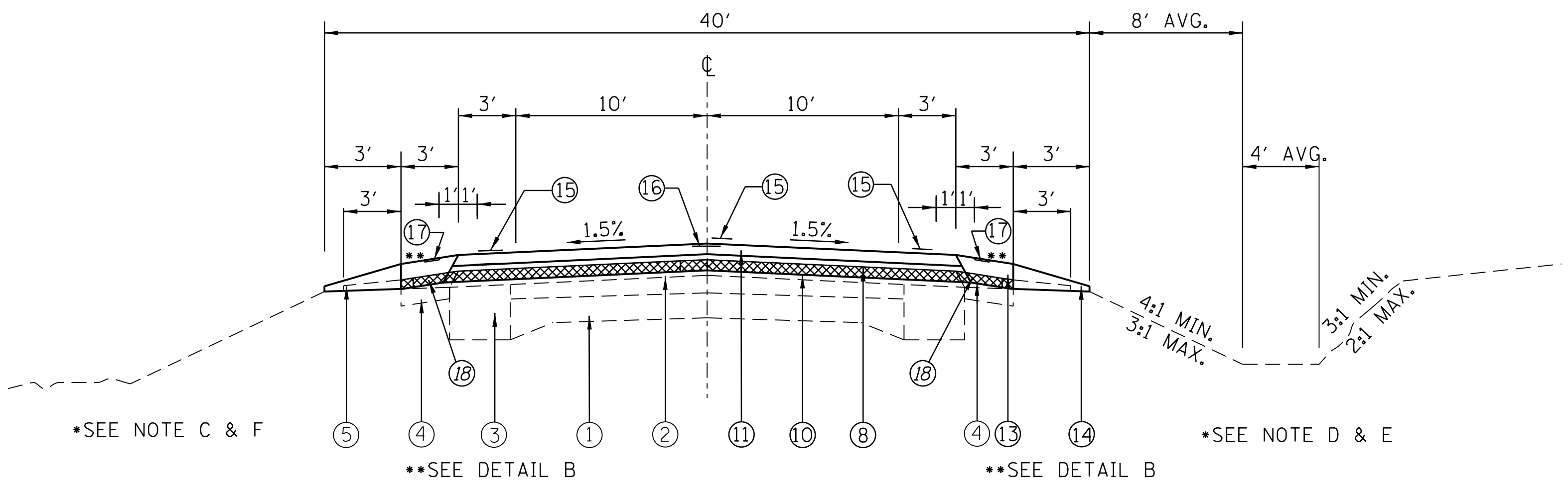
— NOTE : GRADING & SHAPING DITCHES
FROM STA. 334+87.00 TO
STA.312+83.00 (LT)
& FROM STA.328+46.72 TO STA.315+35.35 (RT)

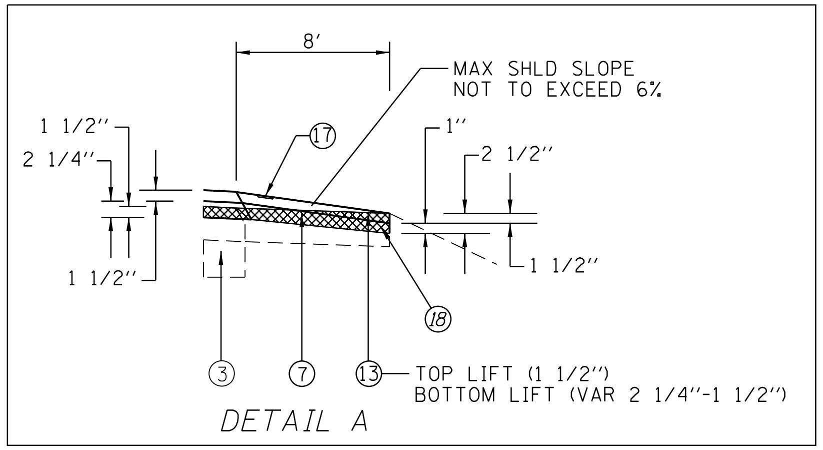
TYPICAL SECTION #1
STA 334+87.00 TO STA 258+02.45 (7,684.55')
STA 0+00.00 TO STA 14+93.00 (1,493.00')

STA EQ #1
STA 258+02.45 BK=
STA 0+00.00 AH

LEGEND

1. EXIST. P.C.C PAVT (9" X 6 1/2" X 9")
2. EXIST. BITUMINOUS OVERLAY 5"
3. EXIST. BITUMINOUS BASE CRSE WIDENING 9"
4. EXIST. BITUMINOUS SHOULDER 8"
5. EXIST. AGGREGATE SHOULDER, TYPE A
6. EXIST. CONCRETE GUTTER TYPE A (MODIFIED)
7. PROP. PAVED SHOULDER REMOVAL
8. PROP. HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"
9. PROP. HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
10. PROP. HOT-MIX ASPHALT BINDER COURSE IL 19.0, N50 (2 1/4")
11. PROP. POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE MIX C, N50 (1 1/2")
12. PROP. HOT-MIX ASPHALT SHOULDER 6 1/2"
13. PROP. HOT-MIX ASPHALT SHOULDERS
14. PROP. AGGREGATE WEDGE SHOULDERS TYPE B
15. PROP. MODIFIED URETHANE PAVEMENT MARKING - LINE 5"
16. PROP. LONGITUDINALJOINT SEALANT
17. PROP. SHOULDER RUMBLE STRIPS
18. PROP. HOT-MIX ASPHALT SURFACE REMOVAL (VAR. DEPTH)



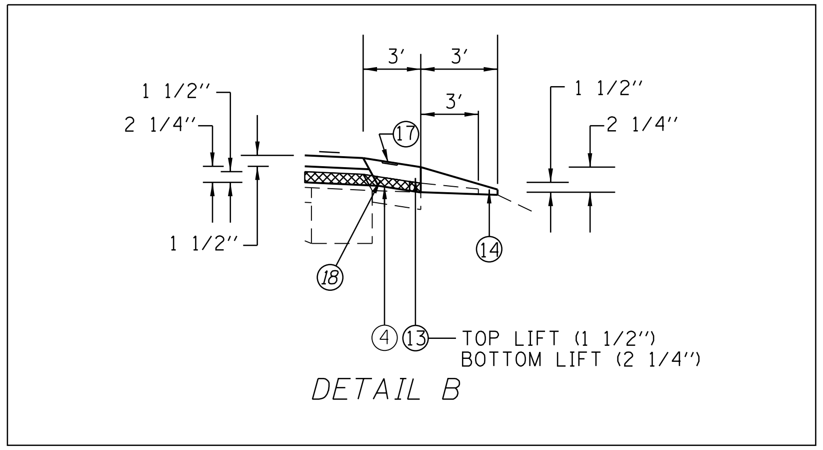


TYPICAL SECTION #2

STA 14+93.00 TO STA 15+95.00 (102')
STA 23+25.00 TO STA 40+17.00 (1,692')
STA 50+00.00 TO STA 88+00.00 (3,800')
STA 97+35.00 TO STA 99+97.52 (262.52')
STA 100+00.00 TO STA 104+05.00 (405')
STA 105+41.00 TO STA 106+07.00 (66')
STA 111+62.00 TO STA 130+34.00 (1,872')
STA 147+25.00 TO STA 199+77.00 (5,252')
STA 212+17.00 TO STA 225+97.00 (1,380')
STA 235+38.00 TO STA 236+36.52 (98.52')

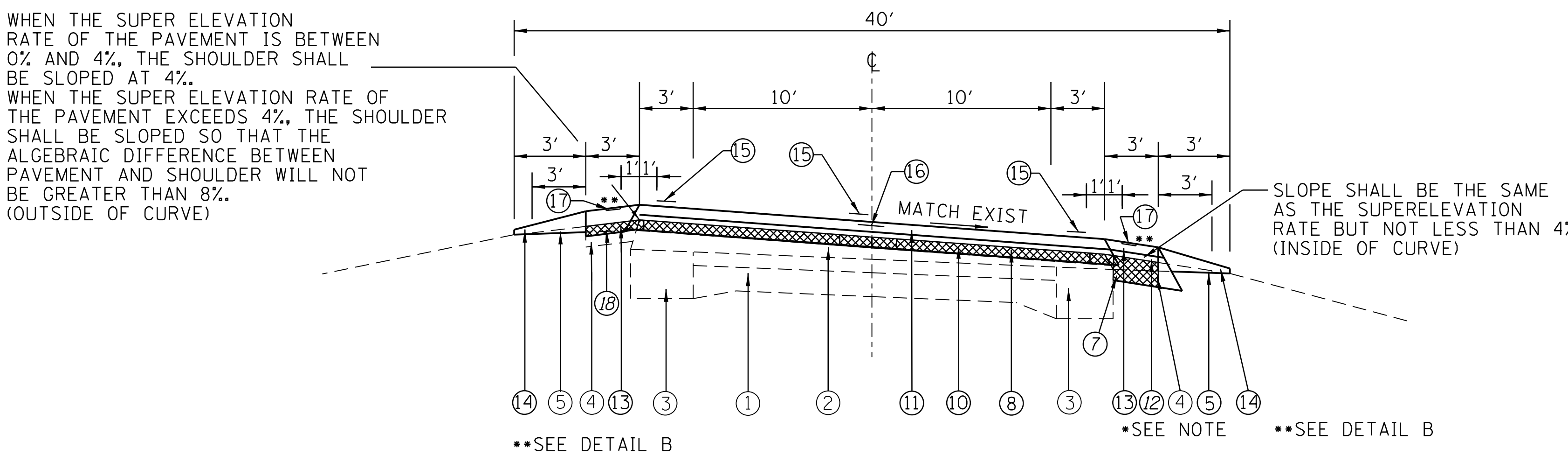
STA EQ #2
STA 99+97.52 BK=
STA 100+00.00 AH

BRIDGE OMISSION
STA 104+05.00 TO
STA 105+41.00



•NOTES:
A) 8' HMA SHLDS ENDS & 3' HMA SHLDS BEGINS @ STA 14+60.00 LT
B) PAVD SHLD REM & HMA SHLD 6 1/2" FROM STA 307+75.00 TO STA 309+25.00
C) CONC GUTTER BEGINS @ STA 87+80.00 LT
D) CONC GUTTER ENDS @ STA 97+10.00 RT
E) CONC GUTTER BEGINS @ STA 107+08.00 RT
F) CONC GUTTER ENDS @ STA 113+50.00 LT

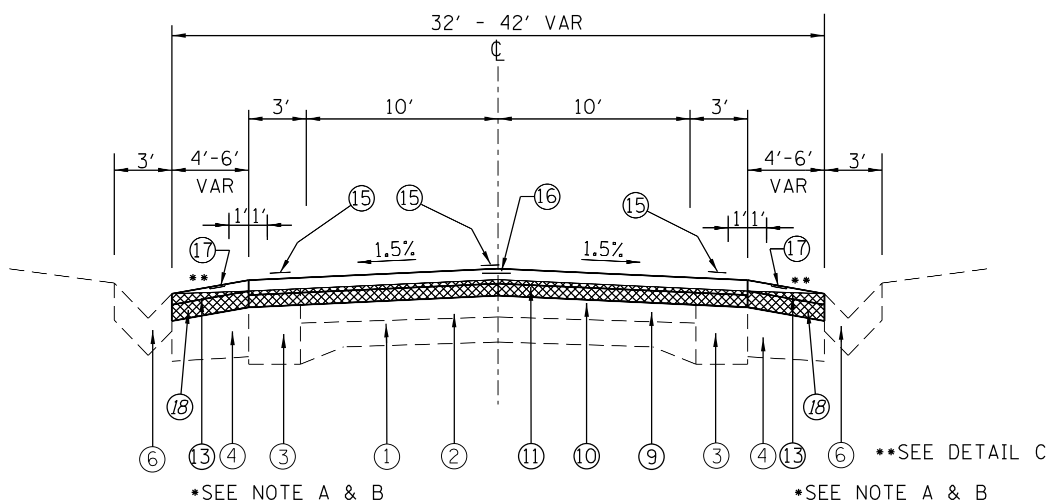
NOT TO SCALE



TYPICAL SECTION #3
STA 15+95.00 TO STA 23+25.00 (730') (LT)
STA 40+17.00 TO STA 50+00.00 (983') (RT)
STA 130+34.00 TO STA 147+25.00 (1,691') (LT)
STA 199+77.00 TO STA 212+17.00 (1,240') (RT)
STA 225+97.00 TO STA 235+38.00 (941') (RT)

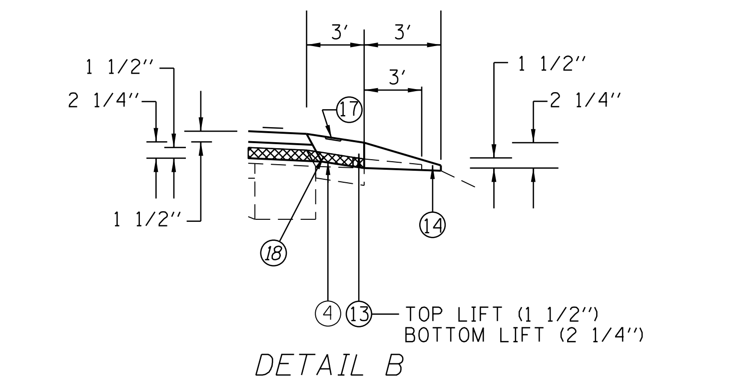
LEGEND

1. EXIST. P.C.C PAVT (9" X 6 1/2" X 9")
2. EXIST. BITUMINOUS OVERLAY 5"
3. EXIST. BITUMINOUS BASE CRSE WIDENING 9"
4. EXIST. BITUMINOUS SHOULDER 8"
5. EXIST. AGGREGATE SHOULDER, TYPE A
6. EXIST. CONCRETE GUTTER TYPE A (MODIFIED)
7. PROP. PAVED SHOULDER REMOVAL
8. PROP. HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"
9. PROP. HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
10. PROP. HOT-MIX ASPHALT BINDER COURSE IL 19.0, N50 (2 1/4")
11. PROP. POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE MIX C, N50 (1 1/2")
12. PROP. HOT-MIX ASPHALT SHOULDER 6 1/2"
13. PROP. HOT-MIX ASPHALT SHOULDERS
14. PROP. AGGREGATE WEDGE SHOULDERS TYPE B
15. PROP. MODIFIED URETHANE PAVEMENT MARKING - LINE 5"
16. PROP. LONGITUDINALJOINT SEALANT
17. PROP. SHOULDER RUMBLE STRIPS
18. PROP. HOT-MIX ASPHALT SURFACE REMOVAL (VAR. DEPTH)

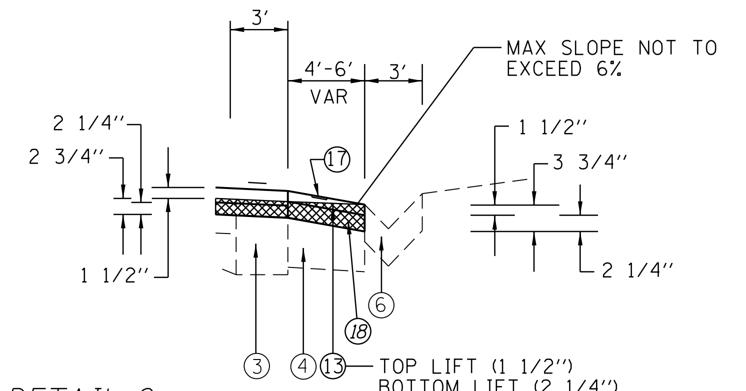


TYPICAL SECTION #4
STA 88+06.00 TO STA 97+35.00 (929')
STA 106+07.00 TO STA 110+00.00 (393')
STA 110+00.21 TO STA 111+62.00 (161.79')

STA EQ #3
STA 110+00.00 BK=
STA 110+00.21 AH



DETAIL B



DETAIL C

•NOTES:
(A) PAVED SHLD REM, HMA SHLD 6 1/2", & HMA SHLD ON LOW SIDE OF SE
STA 17+00.00 TO STA 18+0.00 LT
STA 19+10.00 TO STA 20+20.00 LT
STA 135+00.00 TO STA 150+00.00 LT
STA 233+36.00 TO STA 234+86.00 RT
(B) MAX SHLD SLOPE OF 6% @ GUTTER SECTIONS

NOT TO SCALE

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	DRAWN -	REVISED -	
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PLOT DATE = 8/13/2020	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(4)RS-3, (101)RS-11	MENARD	29	11

CONTRACT NO. 72H82
ILLINOIS FED. AID PROJECT

MATCH LINE STA. 333+00.00

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PLOT DATE = 8/13/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS IL 97

SCALE: 50 | SHEET 1 OF 13 SHEETS | STA. 334+87.00 TO STA. 333+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(4)RS-3, (101)RS-11	MENARD	29	12

CONTRACT NO. 72H82

ILLINOIS | FED. AID PROJECT

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PLOT DATE = 8/14/2020	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS IL 97

SCALE: 50 | SHEET 2 OF 13 SHEETS | STA. 322+00.00 TO STA. 303+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(4)RS-3, (101)RS-11	MENARD	29	13

CONTRACT NO. 72H82

ILLINOIS FED. AID PROJECT

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PLOT DATE = 8/14/2020	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS IL 97

SCALE: 50 | SHEET 3 OF 13 SHEETS | STA. 303+00.00 TO STA. 273+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(4)RS-3, (101)RS-11	MENARD	29	14

CONTRACT NO. 72H82

ILLINOIS | FED. AID PROJECT

MATCH LINE STA. 273+00.00

MATCH LINE STA. 0+00.00

MODEL: Default
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PLOT SCALE = 100.1004 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/13/2020	DATE -	REVISED -	

PLAN SHEETS IL 97

SCALE: 50 | SHEET 4 OF 13 SHEETS | STA. 273+00.00 TO STA. 0+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(4)RS-3, (101)RS-11	MENARD	29	15
		CONTRACT NO. 72H82		
	ILLINOIS	FED. AID PROJECT		

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	DRAWN - JWC	REVISED -			
PLOT SCALE = 100.1004 ' / in.	CHECKED -	REVISED -			
PLOT DATE = 8/13/2020	DATE -	REVISED -		SCALE: 50	SHEET 5 OF 13 SHEETS STA. 0+00.00 TO STA. 30+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(4)RS-3, (101)RS-11	MENARD	29	16
		CONTRACT NO. 72H82		
		ILLINOIS FED. AID PROJECT		

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	DRAWN - JWC	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = 100.1004 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/13/2020	DATE -	REVISED -	

PLAN SHEETS IL 97

SCALE: 50 | SHEET 6 OF 13 SHEETS | STA. 30+00.00 TO STA. 60+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(4)RS-3, (101)RS-11	MENARD	29	17

CONTRACT NO. 72H82

ILLINOIS FED. AID PROJECT

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PLOT DATE = 8/13/2020	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS IL 97

SCALE: 50 | SHEET 7 OF 13 SHEETS | STA. 60+00.00 TO STA. 90+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(4)RS-3, (101)RS-11	MENARD	29	18

CONTRACT NO. 72H82

ILLINOIS | FED. AID PROJECT

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PLOT DATE = 8/13/2020	DATE -	REVISED -		SCALE: 50 / SHEET 8 OF 13 SHEETS / STA. 90+00.00 TO STA. 120+00.00	ILLINOIS FED. AID PROJECT

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PLOT DATE = 8/13/2020	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS IL 97

SCALE: 50 | SHEET 9 OF 13 SHEETS | STA. 120+00.00 TO STA. 150+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(4)RS-3, (101)RS-11	MENARD	29	20

CONTRACT NO. 72H82

ILLINOIS | FED. AID PROJECT

MATCH LINE STA. 150+00.00

MATCH LINE STA. 165+00.00

MATCH LINE STA. 165+00.00

MATCH LINE STA. 180+00.00

MODEL: Default

USER NAME = coxjw	DESIGNED - JWC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
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PLOT SCALE = 100.1004 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/13/2020	DATE -	REVISED -	

PLAN SHEETS IL 97

SCALE: 50 | SHEET 10 OF 13 SHEETS | STA. 150+00.00 TO STA. 180+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(4)RS-3, (101)RS-11	MENARD	29	21

CONTRACT NO. 72H82

ILLINOIS | FED. AID PROJECT

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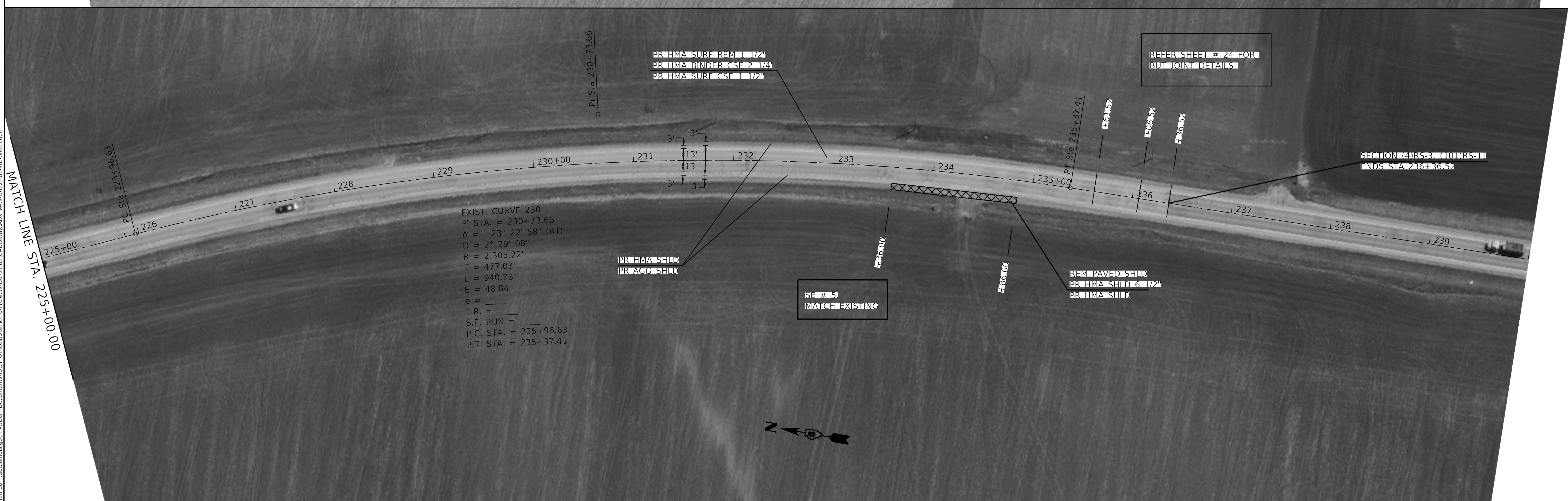
PLOT DATE = 8/13/2020	DATE -	REVISED -	

PLAN SHEETS IL 97

SCALE: 50	SHEET 11 OF 13 SHEETS	STA. 180+00.00	TO STA. 210+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(4)RS-3, (101)RS-11	MENARD	29	22
		CONTRACT NO. 72H82		
		ILLINOIS FED. AID PROJECT		



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PLOT DATE = 8/13/2020	DATE -	REVISED -	

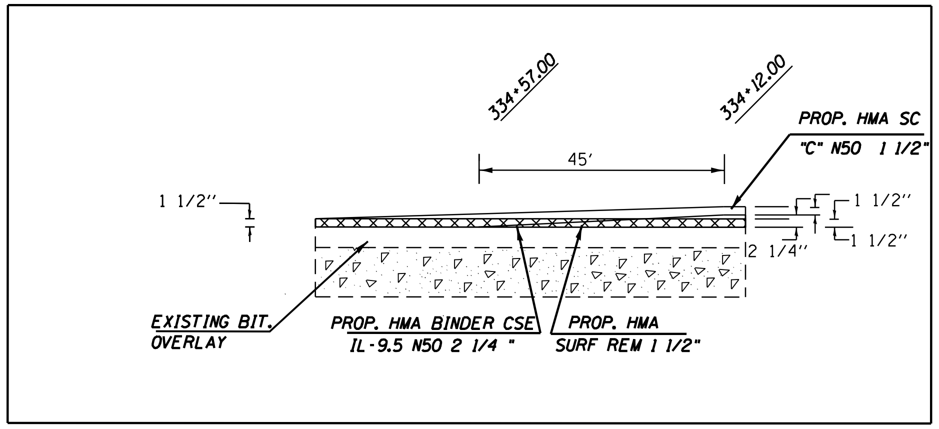
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS IL 97

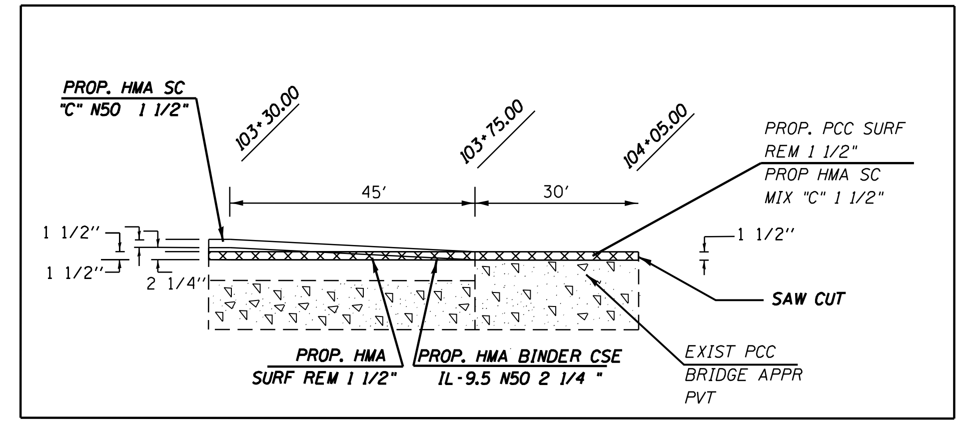
SCALE: 50 | SHEET 12 OF 13 SHEETS | STA. 210+00.00 TO STA. 236+36.52

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(4)RS-3, (101)RS-11	MENARD	29	23
		CONTRACT NO. 72H82		
		ILLINOIS	FED. AID PROJECT	

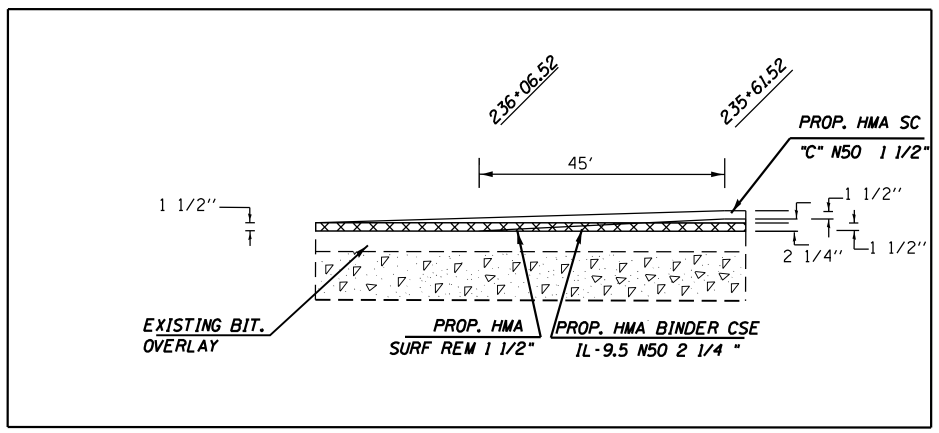
BINDER TRANSITION DETAIL # 1



TRANSITION DETAIL # 2

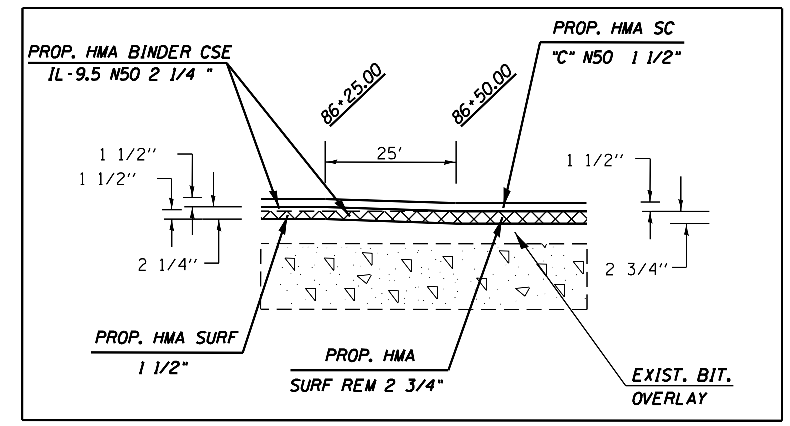


BINDER TRANSITION DETAILS # 4



BUTT JOINT MAY BE ADJUSTED
TO PROVIDE A SMOOTHER PROFILE

MILLING DETAILS # 1



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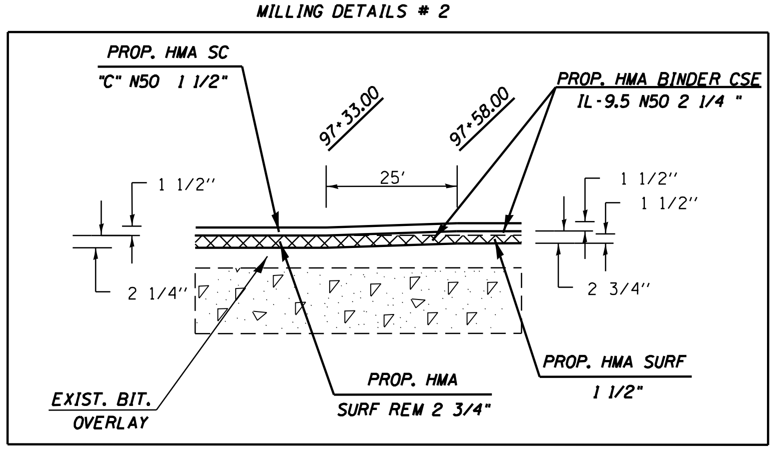

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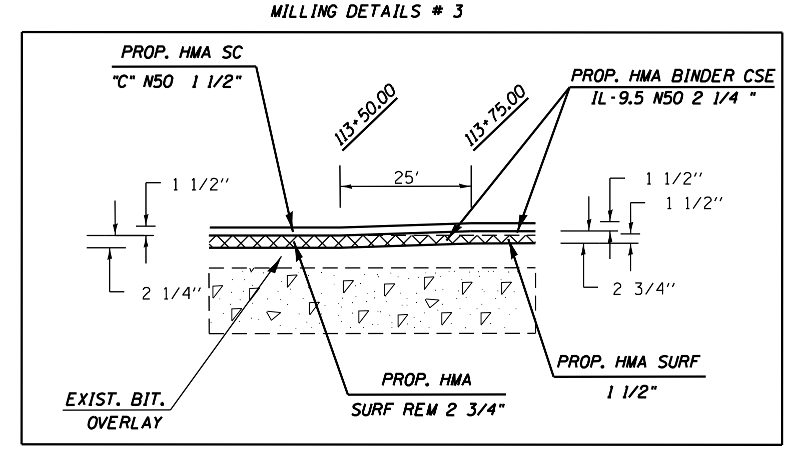

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PLOT DATE = 8/13/2020	DATE -	REVISED -	

BUTT JOINT, TRANSITION & MILLING DETAILS

SCALE: | SHEET 13 OF 13 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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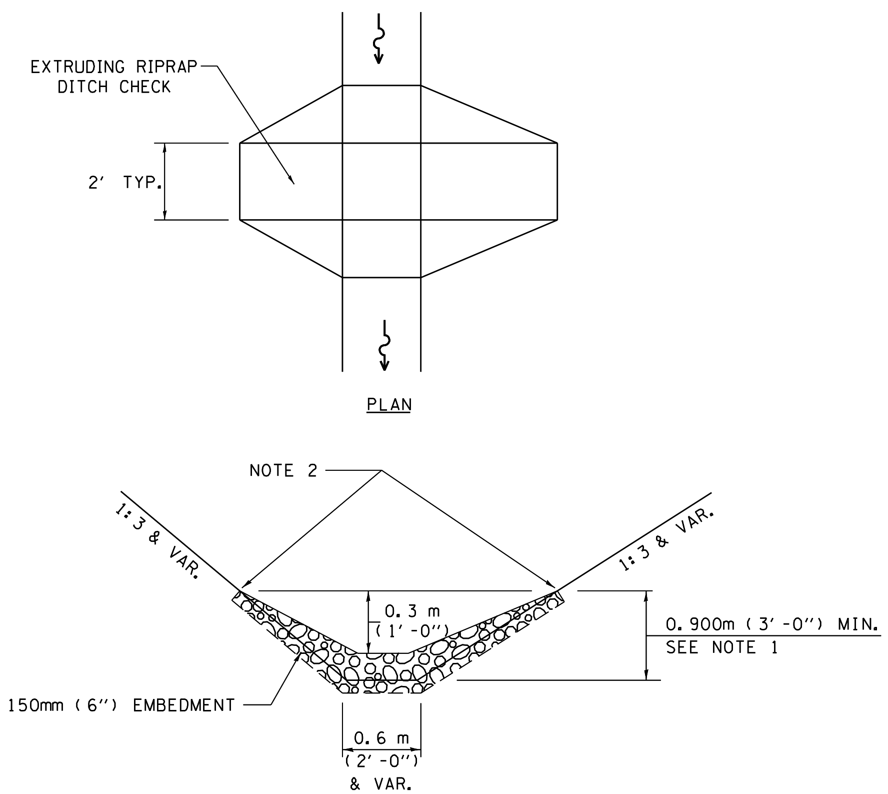
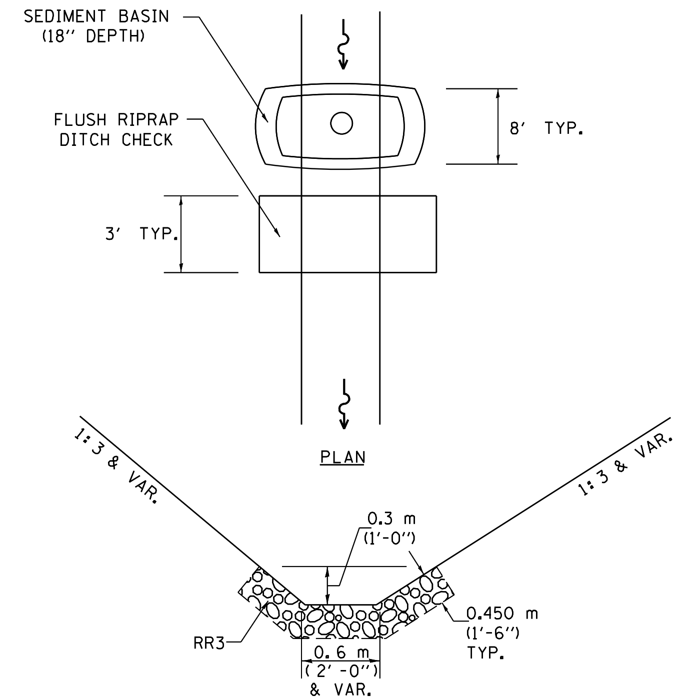
		CONTRACT NO. 72H82		
		ILLINOIS	FED. AID PROJECT	



OPTION 1

(EXTRUDING DITCH CHECK)
RECOMMENDED FOR AREAS
W/ RIPRAP DITCH LINING



OPTION 2

(FLUSH DITCH CHECK)
RECOMMENDED FOR AREAS
W/O RIPRAP DITCH LINING

STONE DUMPED RIPRAP DITCH CHECK

OPTIONS 1 & 2 OR
AS DIRECTED BY THE ENGINEER

NOTE 1: RIPRAP SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 0.3m (1') OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE RIPRAP.

NOTE 2: ENDS SHALL BE TIED INTO SLOPES.

LEGEND FOR STORM WATER POLLUTION PREVENTION PLAN

ITEM	SYMBOL
TEMPORARY DITCH CHECK	
INLET PIPE PROTECTION	
PERIMETER EROSION BARRIER	
SEDIMENT BASINS EARTH EXCAVATION FOR EROSION CONTROL AGGREGATE (EROSION CONTROL)	
PRESERVE EXISTING TREES, WOODLANDS, AND UNDERSTORY (OUTSIDE CONSTRUCTION LIMITS)	
ITEM PLACED AT BEGINNING OF CONSTRUCTION (Requirement)	* ITEM *
ITEM PLACED AS DIRECTED BY ENGINEER (When required by situation)	ITEM
DIRECTION OF OVERLAND FLOW	

GENERAL NOTES:
All items shall be constructed as shown on this sheet, on Standard 280001, and as directed by the Engineer.

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	DRAWN - JWC	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/13/2020	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION AND
PREVENTION PLAN SHEETS

SCALE: 50 | SHEET 1 OF 3 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(4)RS-3, (101)RS-11	MENARD	29	25

CONTRACT NO. 72H82
ILLINOIS FED. AID PROJECT

LEGEND FOR STORM WATER POLLUTION PREVENTION PLAN

ITEM	SYMBOL
TEMPORARY DITCH CHECK	◆
INLET PIPE PROTECTION	⊕

USER NAME = coxjw	DESIGNED - JWC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION AND PREVENTION PLAN SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - JWC	REVISED -			34	(4)RS-3, (101)RS-11	MENARD	29	26
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 72H82				
PLOT DATE = 8/13/2020	DATE -	REVISED -		SCALE: 50	SHEET 2 OF 3 SHEETS	STA. 334+87.00 TO STA. 333+00.00	ILLINOIS FED. AID PROJECT				

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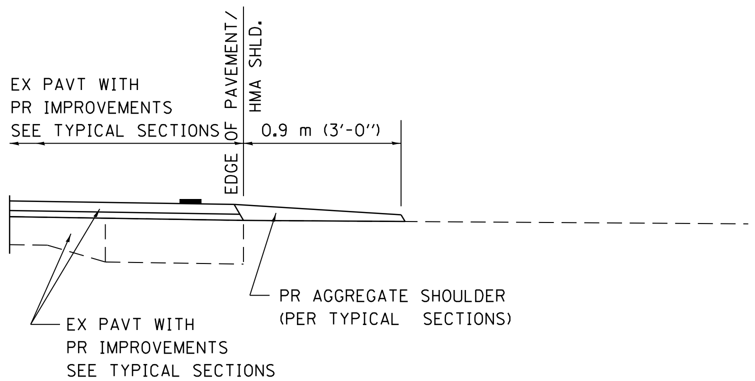
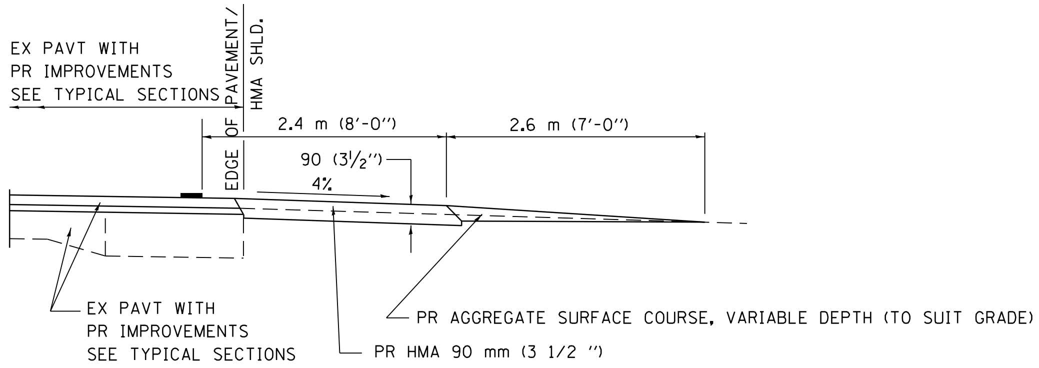
	DRAWN - JWC	REVISED -			COUNTY MENARD	TOTAL SHEETS 29 / SHEET NO. 27
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		SCALE: 50 / SHEET 3 OF 3 SHEETS	CONTRACT NO. 72H82	
PLOT DATE = 8/13/2020	DATE -	REVISED -		STA. 322+00.00 TO STA. 303+00.00	ILLINOIS FED. AID PROJECT	



SECTION A-A FOR EX EARTH/ AGGREGATE FE



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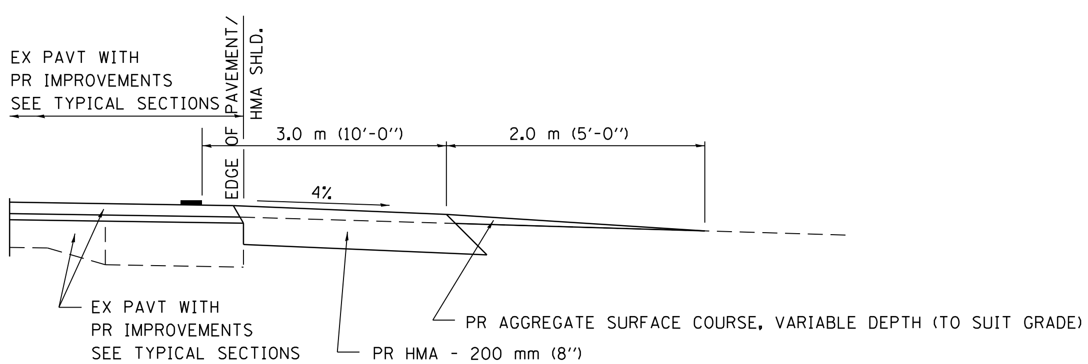
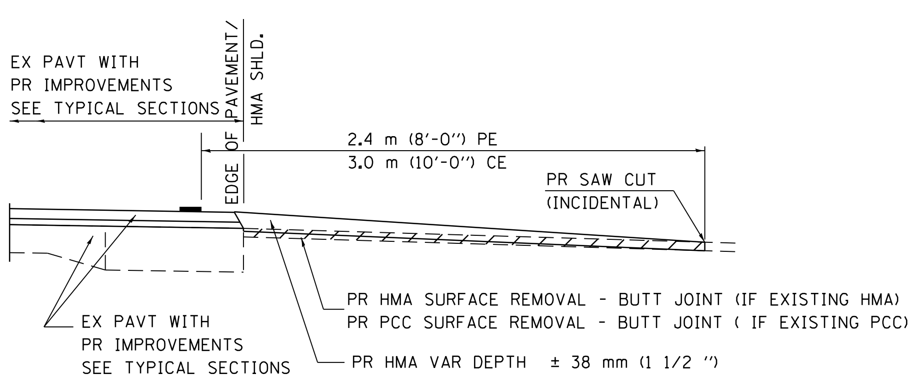
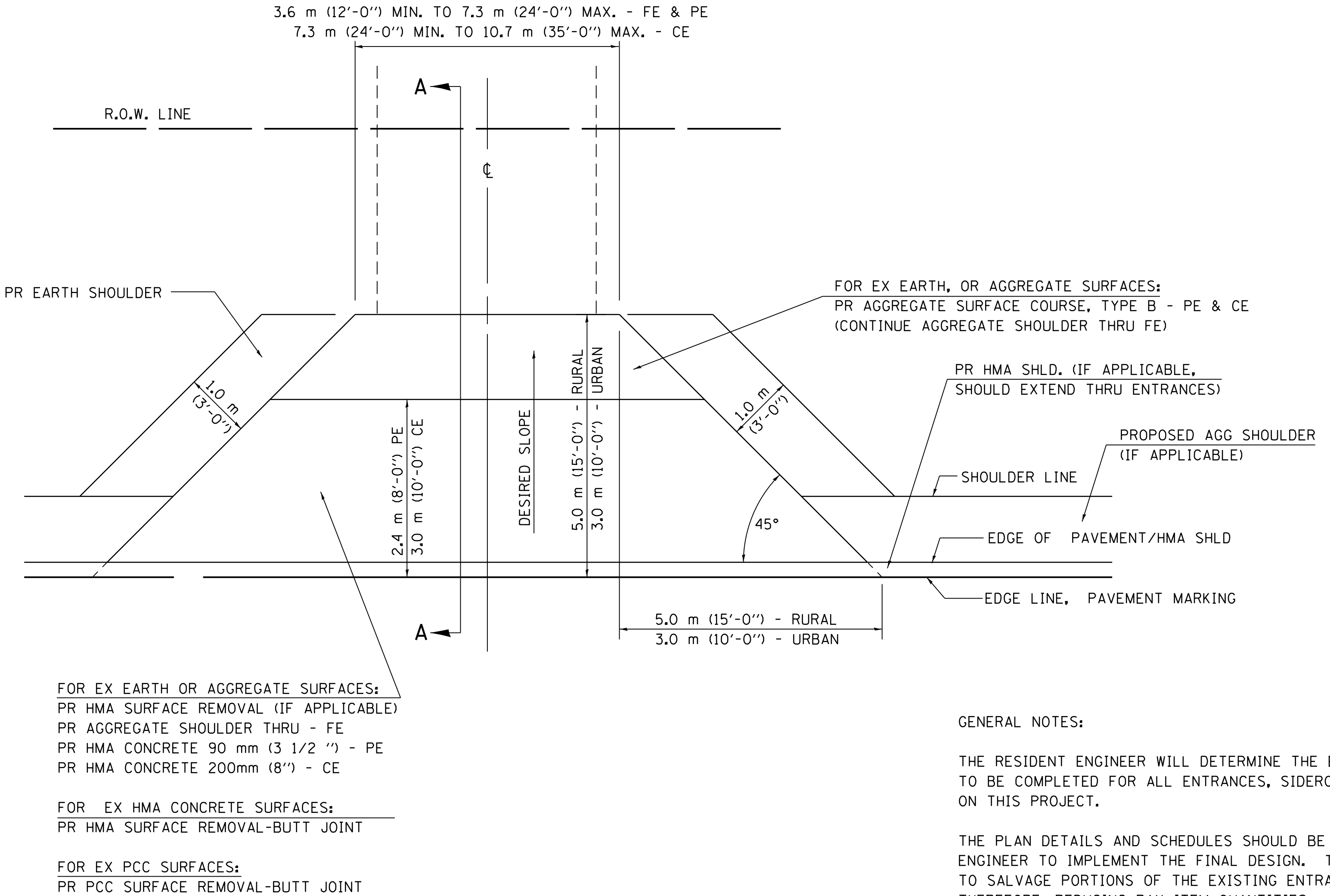


SECTION A-A FOR EX EARTH/AGGREGATE CE & SIDE ROAD

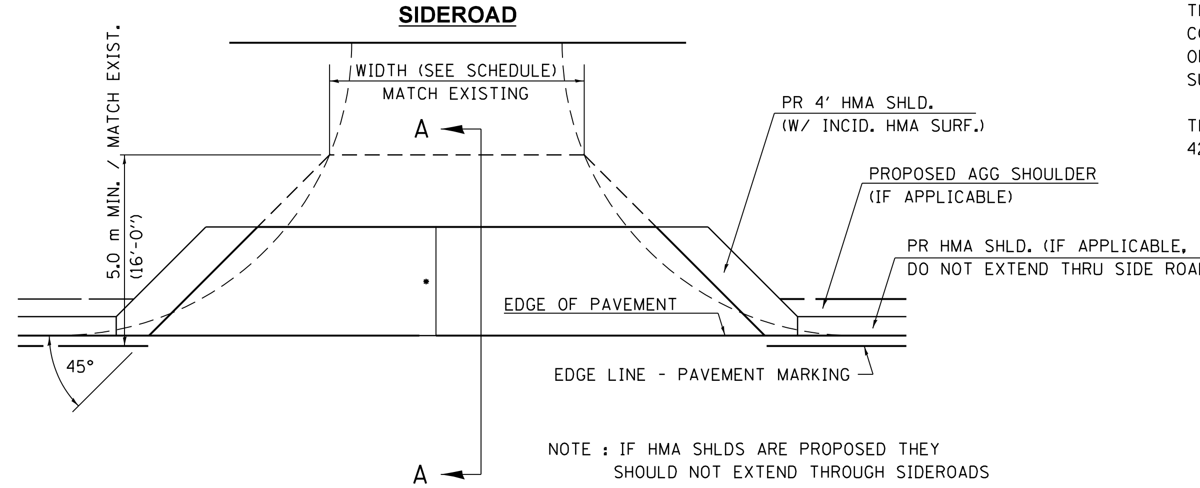


SECTION A-A FOR EX HMA/ PC CONCRETE PE, CE & SIDE ROAD



• THE PROPOSED HMA IMPROVEMENT ON THE SIDE ROAD SHOULD EXTEND TO THE EXISTING BUTT JOINT OR TO THE RADIUS RETURNS IF NO BUTT JOINT EXIST.

SIDEROAD



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

GENERAL NOTES:

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

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

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

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

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

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

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

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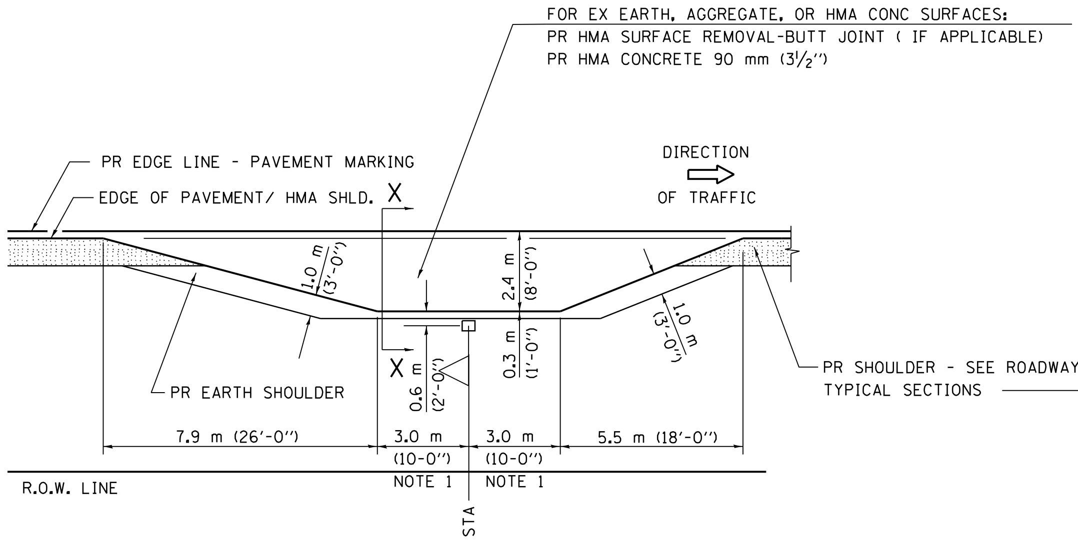
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/13/2020	DATE -	REVISED -	

ENTRANCES & SIDE ROADS

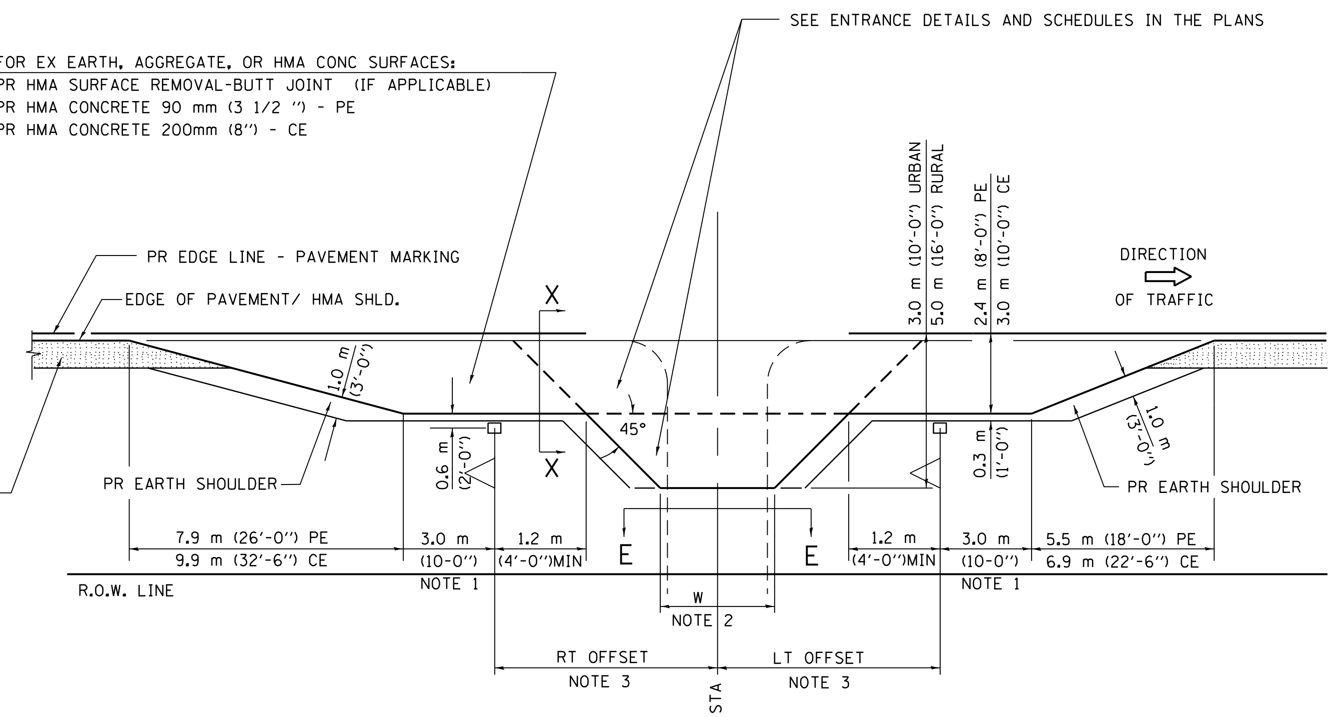
SCALE: | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(4)RS-3,(101)RS-11	MENARD	29	28
		CONTRACT NO. 72H82		
		ILLINOIS FED. AID PROJECT		

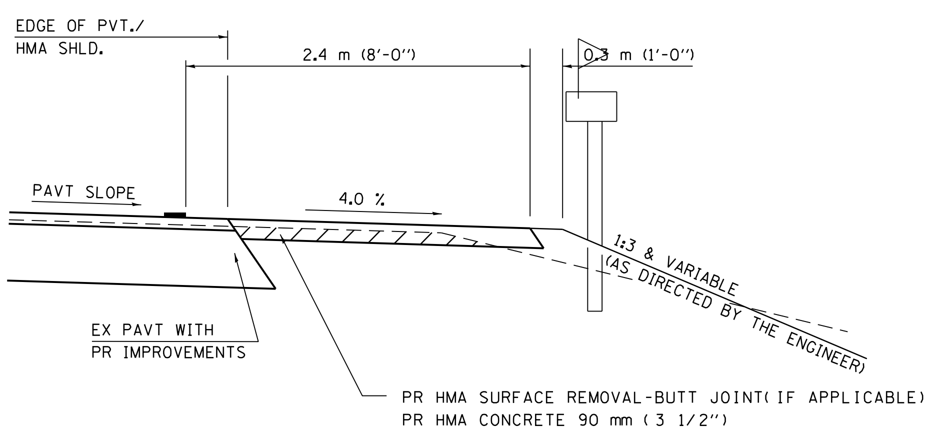
DETAILS OF MAILBOX TURNOUTS



PLAN - MAILBOX TURNOUTS

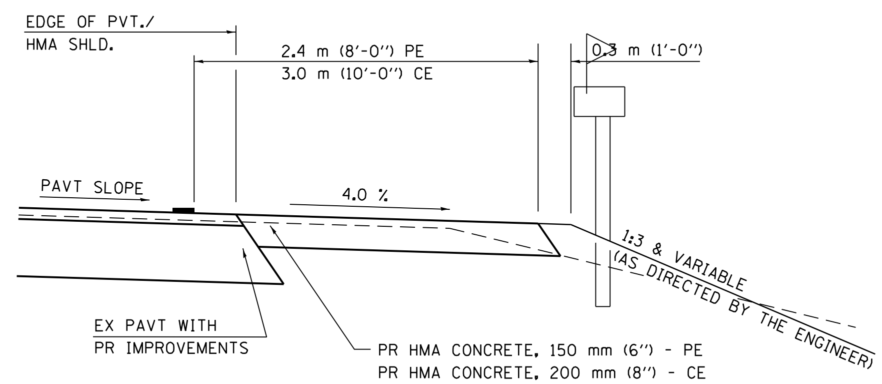


PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



SECTION X-X THRU MAILBOX TURNOUT
ALSO APPLIES TO MAILBOX TURNOUTS COMBINED WITH EX EARTH, AGGREGATE, OR HMA PE & FE

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST. IF EXISTING, TREAT SAME AS ENTRANCE.)



SECTION X-X THRU MAILBOX TURNOUT
COMBINED WITH EX HMA CONC & PC CONC PE & CE

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST. IF EXISTING, TREAT SAME AS ENTRANCE.)

NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.

NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.

NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

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

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USER NAME = coxjw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ENTRANCES & SIDE RAODS	
	DRAWN -	REVISED -			
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -			
PLOT DATE = 8/13/2020	DATE -	REVISED -		SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34	(4)RS-3,(101)RS-11	MENARD	29	29

CONTRACT NO. 72H82

ILLINOIS FED. AID PROJECT