

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

ROUTE IL 3 (FAP 14)
SECTION 136RS-4, 137RS-2

RESURFACING 3P
ALEXANDER COUNTY
C-99-063-10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14	136RS-4, 137RS-2	ALEXANDER	18	1
		ILLINOIS	CONTRACT NO. 78205	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

IL 3 (FAP 14)
TRAFFIC DATA

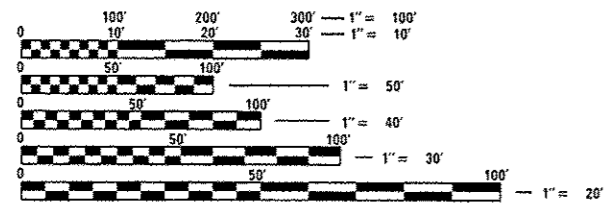
	(2015)	(2025)	(2035)
PV =	1,970	2,180	2,410
SU =	135	150	165
MU =	235	260	285
ADT =	2,340	2,590	2,860

EQUATION STATION:
EQ. STA. 155+59.56 (AH) = STA. 190+00 (BK)

OMISSION STATIONS:
STA. 358+87 TO 355+54 (OMISSION)

TOWNSHIP
CACHE NO. 1

T.16S-R.1W
T.17S-R.1W

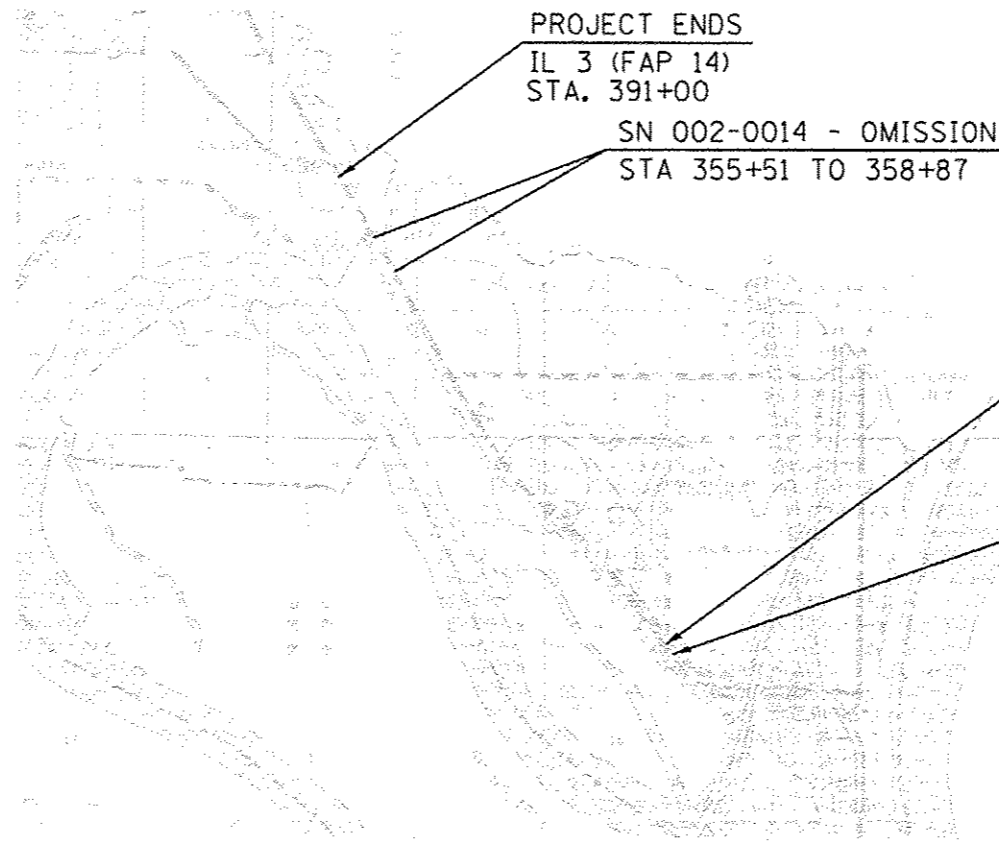


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

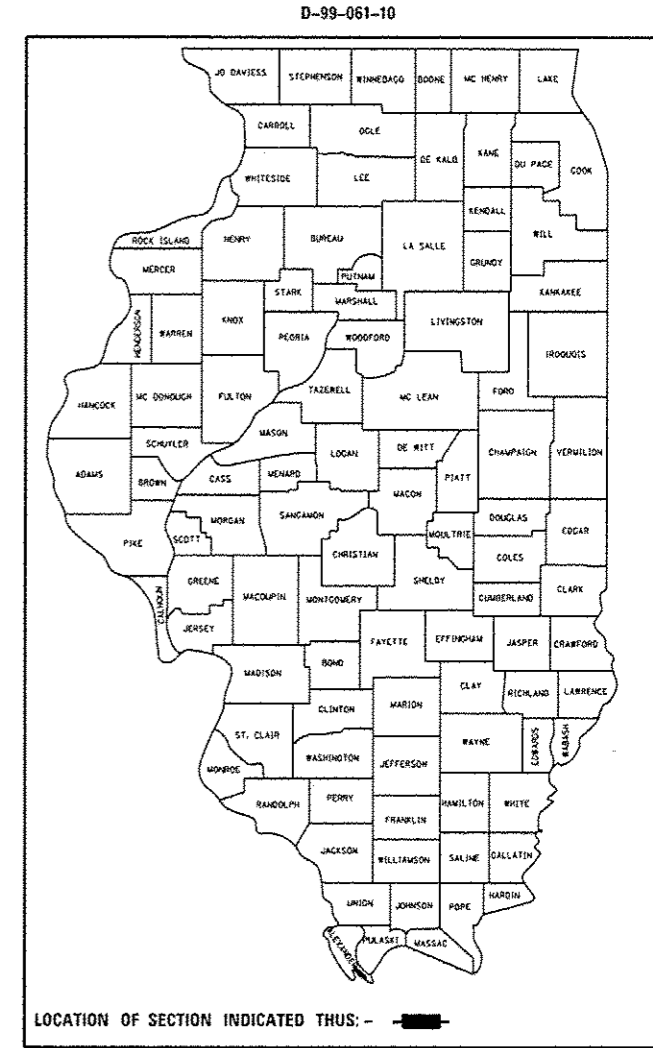
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: CHARLES STEIN 618-351-5210
PROJECT MANAGER: JOHN BRANDON 618-351-5291

CONTRACT NO. 78205



GROSS LENGTH = 23940.44 FT. = 4.53 MILE
OMISSIONS = 332.84 FT. = 0.06 MILE
NET LENGTH = 23,607.6 FT. = 4.47 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED May 14 20 14

John D. Baranzelli, P.E.
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 27 20 14

John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

June 27 20 14

Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, & SIGNATURE SHEET
3	GENERAL NOTES, STRUCTURE INFORMATION SCHEDULE, & MIXTURE REQUIREMENTS
4-5	SUMMARY OF QUANTITIES
6-7	TYPICAL SECTIONS
8-9	PATCHING SCHEDULE
10-11	RESURFACING SCHEDULE
12	PAVEMENT MARKING SCHEDULE
13	PLAN VIEW
14	DETAIL - BUTT JOINT
15	DETAIL - SIDE ROADS AND ENTRANCES
16	STANDARD DETAIL - TEMPORARY HOT-MIX ASPHALT TRANSITIONS
17	STANDARD DETAIL - UNEVEN LANES SIGN
18	STANDARD DETAIL - ROUGH GROOVED SURFACE SIGN

HIGHWAY STANDARDS

000001-06	701306-03
001006	701311-03
442201-03	701336-06
701001-02	701901-03
701006-05	780001-04
701011-04	781001-03
701301-04	

Prepared By: Joe Zdaniewicz
DISTRICT STUDIES & PLANS ENGINEER

Examined By: Joe E
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Carrie Nelson
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Kevin Kelly
DISTRICT OPERATIONS ENGINEER

Examined By: Daglo J. Kubacki
DISTRICT CONSTRUCTION ENGINEER

Examined By: Bruce W. Cables
DISTRICT MATERIALS ENGINEER

Approved By: Jeffrey J. Kim
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

May 14 20 14
DATE

FILE NAME =	USER NAME * Stovarpg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARDS, & SIGNATURE BLOCK	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
o:\pe_work\pilot\stovarpg\20165990\78205-sh1-plan.dgn	DRAWN -	REVISED -	14			136RS, 137RS	ALEXANDER	18	2	
PLOT SCALE * 1/8"=1'-0"	CHECKED -	REVISED -	CONTRACT NO. 78205							
PLOT DATE * 5/14/2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.			

GENERAL NOTES

THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATION OCCURS DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES EXCEPT FOR QC/QA OF BITUMINOUS MIXTURES:

ALL HOT-MIX ASPHALT.....2.016 TONS/CU. YD.

ALL AGGREGATE.....2.05 TONS/CU. YD.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS WAS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, SURFACE COURSE, AND LEVELING BINDER.

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

THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED BITUMINOUS MATS AT 300 FT. INTERVALS ON ALTERNATING SIDES OF THE PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2" TALL OF A DESIGN APPROVED BY THE ENGINEER AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

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

QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. THE ACTUAL PATCHING SURVEY DATE IS JUNE, 2011.

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

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

STATIONING SHOWN IN THE SCHEDULES IS BASED ON STAMPED STATIONS IN THE EXISTING PAVEMENT AND OLD PLANS.

STRUCTURE INFORMATION SCHEDULE

STRUCTURE NO.	STATION	INV. RATING	OPR. RATING	SUFF. RATING
SN 002-0014	357+21	22.2	37.2	89.9

SN 002-0014 MTD ALLOWANCE: TBD

MIXTURE REQUIREMENTS SHALL BE PREPARED AS DIRECTED BELOW:

MAINLINE SURFACE COURSE AND INCIDENTAL SURFACING

LOCATION(S):	HMA SURFACE COURSE AND INCIDENTAL HMA SURFACING
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, MIX C, N90
AC/PG:	PG64-22
RAP % (MAX):	SEE SPECIAL PROVISIONS
DESIGN AIR VOIDS:	4.0%, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 mm OR IL 12.5 mm
FRICTION AGGREGATE:	C SURFACE

MAINLINE LEVELING BINDER

LOCATION(S):	HOT-MIX ASPHALT LEVELING BINDER COURSE
MIXTURE USE(S):	HMA LEVELING BINDER COURSE, N90, IL-9.5 FINE-GRADED
AC/PG:	PG64-22
RAP % (MAX):	SEE SPECIAL PROVISIONS
DESIGN AIR VOIDS:	4.0 %, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5 FG
FRICTION AGGREGATE:	NONE

PATCHING SPECS

LOCATION(S):	CLASS D PATCHING
MIXTURE USE(S):	HOT-MIX ASPHALT BINDER COURSE, N90, IL-19.0
AC/PG:	PG64-22
RAP % (MAX):	SEE SPECIAL PROVISIONS
DESIGN AIR VOIDS:	4.0%, 90 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0 mm
FRICTION AGGREGATE:	NONE

HMA SHOULDER MIX

LOCATION(S):	HMA SHOULDERS
MIXTURE USE(S):	HMA SHOULDERS, N30
AC/PG:	PG58-22
RAP % (MAX):	SEE SPECIAL PROVISIONS
DESIGN AIR VOIDS:	2.0%, 30 GYRATION DESIGN
MIXTURE COMPOSITION: (GRADATION MIXTURE)	HMA SHOULDER
FRICTION AGGREGATE:	NONE

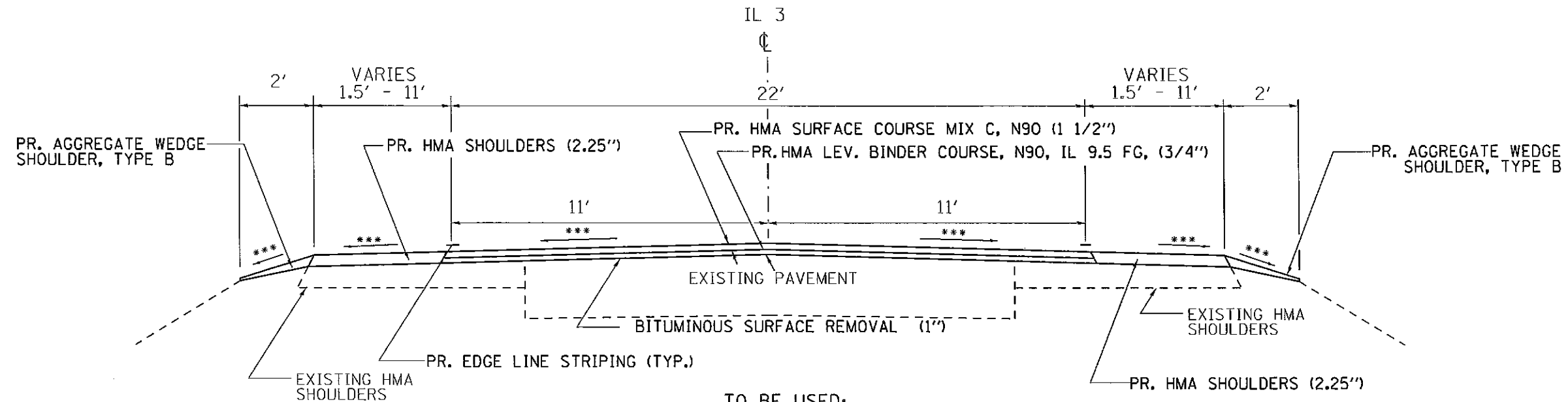
FILE NAME = c:\pwork\pedit\stoverpg\d8186818178245-sh1-pln.dgn	USER NAME = Stoverpg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, STRUCTURE INFORMATION SCHEDULE, & MIXTURE REQUIREMENTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			14	186RS-4, 137RS-2	ALEXANDER	18	3
PLOT DATE = 8/15/2014	DATE -	REVISED -		SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	ILLINOIS FED. AID PROJECT CONTRACT NO. 78205			

SUMMARY OF QUANTITIES				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	COUNTY	ALEXANDER
				FUNDING	100% STATE
					ROADWAY
					0005
					RURAL
40600647	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90	TON	2774		2774
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	584		584
40600990	TEMPORARY RAMP	SQ YD	74		74
40603320	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90	TON	5632		5632
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	255		255
44200152	PAVEMENT PATCHING, TYPE I, 13 INCH	SQ YD	3.4		3.4
44200156	PAVEMENT PATCHING, TYPE II, 13 INCH	SQ YD	674.6		674.6
44200160	PAVEMENT PATCHING, TYPE III, 13 INCH	SQ YD	20.2		20.2
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	47216		47216
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SQ YD	66007		66007
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1334		1334
48203100	HOT-MIX ASPHALT SHOULDERS	TON	74		74
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	3		3
67100100	MOBILIZATION	L SUM	1		1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1		1

SUMMARY OF QUANTITIES-CONT.			CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	COUNTY	ALEXANDER
			FUNDING	100% STATE
			TOTAL QUANTITY	ROADWAY
				0005
				RURAL
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	7082	7082
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	53118	53118
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	20067	20067
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	53118	53118
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	297	297
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	223	223
X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	45470	45470
Z0034105	MATERIAL TRANSFER DEVICE	TON	8406	8406

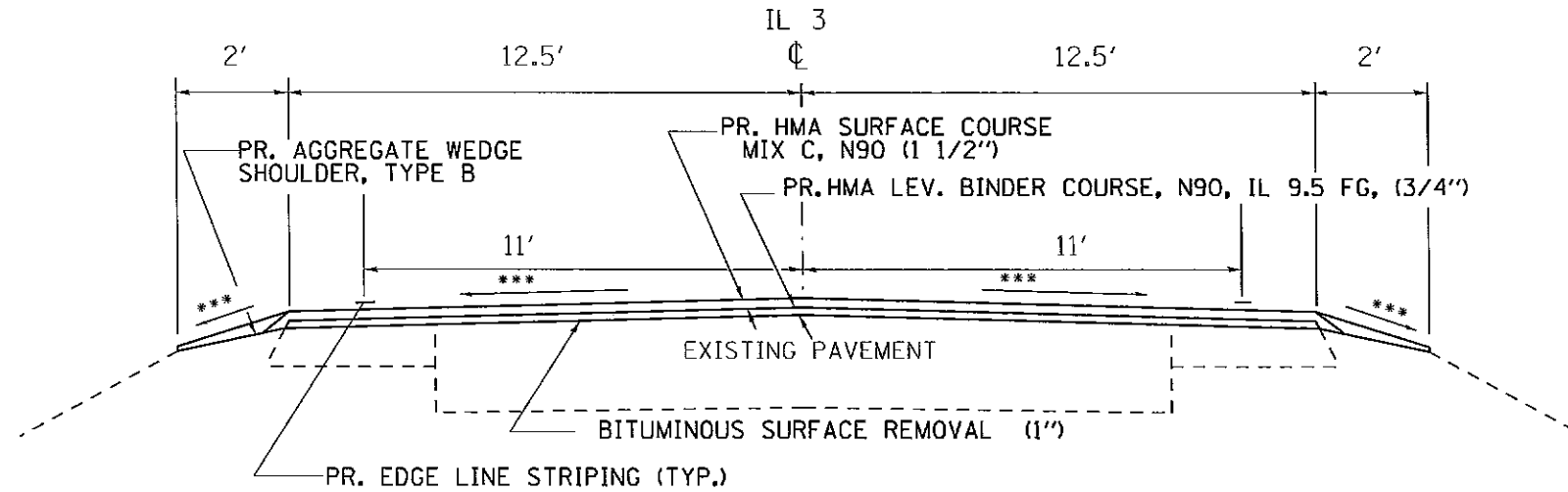
* SPECIALTY ITEM

FILE NAME *	USER NAME * Steverpg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pr\work\pr\dtd\steverpg\03186598\78205-shr-plan.dgn								DRAWN -	REVISED -	14	13GRS-4, 137RS-2	ALEXANDER
PLOT SCALE * 1/8"=1'-0" / in.					CHECKED -	REVISED -	CONTRACT NO. 78205			ILLINOIS FED. AID PROJECT		
PLDT DATE * 5/19/2014					DATE -	REVISED -	SCALE: _____	SHEET NO. 2 OF 2 SHEETS	STA. _____	TO STA. _____		



TO BE USED:
 STA. 191+50 TO STA. 194+00

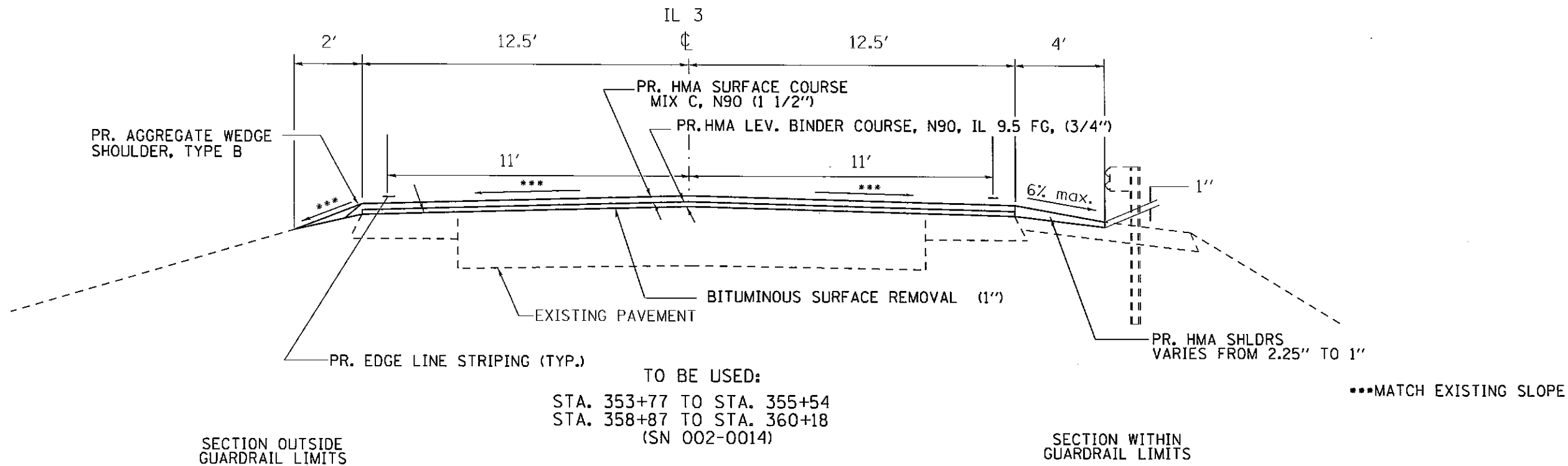
***MATCH EXISTING SLOPE



TO BE USED:
 STA. 190+00 TO STA. 191+50
 STA. EQ: STA. 155+59.56 = TO STA. 190+00 (BK)
 STA. 155+59.56 TO STA. 353+77
 STA. 360+18 TO STA. 391+00

***MATCH EXISTING SLOPE

FILE NAME =	USER NAME = Stoverpg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pr_work\pwidot\stoverpg\106898\78205\sh\plan.dgn		DRAWN -	REVISED -			14	136RS-4, 137RS-2	ALEXANDER	18	6	
PLOT SCALE = 100,0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 78205					
PLOT DATE = 5/16/2014		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE: _____	SHEET NO. 1 OF 2 SHEETS	STA. _____ TO STA. _____			



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PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 5/15/2014		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION

SCALE: _____ SHEET NO. 2 OF 2 SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14	136RS-4, 137RS-2	ALEXANDER	18	7
CONTRACT NO. 78205				
ILLINOIS FED. AID PROJECT				

PAVEMENT PATCHING SCHEDULE

PATCH #	ODOMETER READING	RT/LT	WIDTH	LENGTH	TY I	TY II	TY III
	0.0						
	0.6						
1		RT	12	8		10.7	
2		RT	12	4		5.3	
	0.7						
3		RT	12	4		5.3	
4		RT	12	4		5.3	
5		RT	12	4		5.3	
	0.8						
6		RT	12	4		5.3	
7		RT	12	4		5.3	
8		RT	12	4		5.3	
9		RT	12	4		5.3	
10	0.9	RT	12	4		5.3	
11		RT	12	4		5.3	
	1.0						
12	1.1	RT	12	4		5.3	
13		RT	12	12			16.0
14		RT	12	4		5.3	
15		RT	12	4		5.3	
16		RT	12	4		5.3	
	1.2						
	1.6						
17		RT	12	4		5.3	
	1.7						
18		RT	12	4		5.3	
19		RT	12	4		5.3	
20		RT	12	4		5.3	
21		RT	12	4		5.3	
	1.8						
22		RT	12	4		5.3	
	1.9						
	2.3						
23		RT	12	4		5.3	
	2.4						
24		RT	12	4		5.3	
25		RT	12	4		5.3	
26		RT	12	4		5.3	
27		RT	12	4		5.3	
	2.5						
28		RT	12	4		5.3	
29		RT	12	4		5.3	

ODOMETER READING = 0.0 MI @ BEGIN STA. 91+86

• INDICATES GUTTER SECTION

PAVEMENT PATCHING -CONT

PATCH #	ODOMETER	RT/LT	WIDTH	LENGTH	TY I	TY II	TY III
	2.6						
30		RT	12	4		5.3	
31		RT	12	4		5.3	
32		RT	12	4		5.3	
	2.7						
33	2.8	RT	12	4		5.3	
	2.9						
34		RT	12	4		5.3	
	3.0						
	3.3						
35		RT	12	4		5.3	•
	3.4						
36		RT	12	4		5.3	•
	3.5						
37		RT	12	4		5.3	
	3.7						
38		RT	12	4		5.3	
39		RT	12	4		5.3	
40	0.6	LT	12	4		5.3	
41		LT	12	8		10.7	
42		LT	6	4	2.7		
	0.7						
43		LT	12	4		5.3	
44		LT	12	4		5.3	
45		LT	12	4		5.3	
46		LT	12	4		5.3	
47		LT	12	4		5.3	
	0.8						
48		LT	12	4		5.3	
49		LT	12	4		5.3	
50		LT	6	8		5.3	
	0.9						
51		LT	12	4		5.3	
52		LT	12	4		5.3	
53		LT	12	5		6.7	
54		LT	12	4		5.3	
	1.0						
55		LT	12	4		5.3	
56		LT	12	4		5.3	
57		LT	12	4		5.3	
58		LT	12	4		5.3	
59		LT	12	4		5.3	

ODOMETER READING = 0.0 MI @ BEGIN STA. 91+86

• INDICATES GUTTER SECTION

-FOR INFORMATION ONLY. THE LOCATIONS WILL BE DETERMINED BY THE ENGINEER.

PAVEMENT PATCHING -CONT

PATCH #	ODOMETER READING	RT/LT	WIDTH	LENGTH	TY I	TY II	TY III
60	1.1	LT	12	4		5.3	
61		LT	12	4		5.3	
62		LT	12	4		5.3	
63		LT	12	4		5.3	
64		LT	12	4		5.3	
	1.2						
	1.6						
65		LT	12	4		5.3	
	1.7						
66		LT	12	4		5.3	
67		LT	12	4		5.3	
	1.8						
68		LT	12	4		5.3	
	1.9						
	2.3						
69		LT	12	4		5.3	
70		LT	12	4		5.3	
	2.4						
71		LT	12	4		5.3	
72		LT	12	4		5.3	
73		LT	12	4		5.3	
74		LT	12	4		5.3	
75		LT	12	4		5.3	
	2.5						
76		LT	12	4		5.3	
77		LT	12	4		5.3	
	2.6						
78		LT	12	4		5.3	
79		LT	12	4		5.3	
80		LT	14	6		9.3	
81		LT	12	4		5.3	
	2.7						
82	2.8	LT	12	4		5.3	
	2.9						
83		LT	12	4		5.3	
	3.0						
	3.1						
84		LT	12	4		5.3	
	3.2						
85		LT	12	4		5.3	
86		LT	12	4		5.3	
87		LT	12	4		5.3	

ODOMETER READING = 0.0 MI @ BEGIN STA. 91+86

• INDICATES GUTTER SECTION

PAVEMENT PATCHING -CONT

PATCH #	ODOMETER READING	RT/LT	WIDTH	LENGTH	TY I	TY II	TY III
88		LT	12	4		5.3	
89	3.3	LT	12	4		5.3	
90		LT	12	4		5.3	
91		LT	12	4		5.3	
92		LT	12	4		5.3	
93		LT	12	4		5.3	•
	3.4						
94		LT	12	4		5.3	•
	3.5						
95		LT	12	4		5.3	
	3.6						
	3.7						
96		LT	12	4		5.3	
97		LT	12	8		10.7	
98		LT	12	4		5.3	
TOTALS FOR 2011					2.7	533.0	16.0
ANTICIPATED ADDITIONAL DETERIORATION FOR 2012. ADD 10%					2.9	586.3	17.6
ANTICIPATED ADDITIONAL DETERIORATION FOR 2013. ADD 15%					3.4	674.6	20.2
TOTALS					3.4	674.6	20.2

ODOMETER READING = 0.0 MI @ BEGIN STA. 91+86

• INDICATES GUTTER SECTION

RESURFACING SCHEDULE

LOCATION: STATION TO STATION				LENGTH	ROADWAY WIDTH	ROADWAY AREA	HMA SURFACE REMOVAL (1")	TEMP RAMP	HMA SURFACE REMOVAL BUTT JT.	HMA SURF. CSE., MIX C, N 90 (1 1/2")	LEVELING BINDER (MM), IL-9.5FG, N90 (3/4")	BIT. MAT. (PRIME COAT)	AGGREGATE SHLDRS., TY. B	HMA SHOULDERS			
				FOR INFORMATIONAL PURPOSE ONLY					(SQ YD)	(SQ YD)	(SQ YD)	(TON)	(TON)	(POUND)	(TON)	(TON)	
				(FT)	(FT)	(SQ YD)	(SQ YD)	(SQ YD)	(TON)	(TON)	(POUND)	(TON)	(TON)	(TON)			
IL 3 (FAP 14)																	
BUTT JOINT	194+00	TO	193+75	25	22+((22+20.86)/2)	120.6		24	121								
BEGIN PROJECT	194+00	TO	191+50	250.0	22.0	611.1	611			52	24	413	14				
NB & SB SHLDR	194+00	TO	191+50	250.0	12.5	347.2	347					234		44			
	191+50	TO	190+00	150.0	25.0	416.7	417			36	18	281	9				
STA. EQUATION	190+00	=	155+59.56														
	155+59.56	TO	355+54	19994.4	25.0	55540.1	55540			4777	2356	37490	1132				
BUTT JOINT	355+29	TO	355+54	25	33	91.7		18	92								
NB SHLDR	353+77	TO	355+54	177.0	4.0	78.7	79					53		14			
SB SHLDR	355+13	TO	355+54	41.0	4.0	18.2	18					12		3			
(OMISSION) SN 002-0014																	
BUTT JOINT	358+87	TO	359+12	25	33	91.7		18	92								
NB SHLDR	358+87	TO	360+18	131.0	4.0	58.2	58					39		11			
SB SHLDR	358+87	TO	359+15	28.0	4.0	12.4	12					8		2			
END PROJECT	358+87	TO	391+00	3213.0	25.0	8925.0	8925			767	376	6024	179				
BUTT JOINT	390+75	TO	391+00	25	25	69.4		14	69								
PROJECT TOTALS										66007	74	374	5632	2774	44555	1334	74

SIDE ROAD SCHEDULE

LOCATION: FAP 14 (IL 3)			EXIST. SURFACE	EOP WIDTH	WIDTH AT 15' OFFSET	ROADWAY AREA	HMA SURF REMOVAL - BUTT JT	INCIDENTAL HMA SURFACING	BIT. MAT. (PRIME COAT)
			FOR INFORMATIONAL PURPOSE ONLY						(SQ YD)
				(FT)	(FT)	(SQ YD)	(SQ YD)	(TON)	(POUND)
SIDE ROADS									
RT	ROEBUCK RD	185+15	OIL & CHIP	57.0	28.0	70.8		12	32
RT	AIRPORT RD	206+43	OIL & CHIP	63.0	26.0	74.2		13	33
LT	MISSISSIPPI LEVEE RD 636N	214+80	AGGREGATE	41.0	19.0	50.0		8	23
RT	OLIVER ST	214+85	OIL & CHIP	61.0	28.0	74.2		13	33
RT	COTTONWOOD RD	220+25	OIL & CHIP	51.0	17.0	56.7		10	26
RT	HURN ST	226+80	OIL & CHIP	67.0	35.0	85.0		15	38
RT	KILGORE ST	229+00	OIL & CHIP	67.0	31.0	81.7		14	37
RT	DAVIS ST	231+05	OIL & CHIP	54.0	21.0	62.5		11	28
RT	LUBY ST 676N	244+25	AGGREGATE	43.0	20.0	52.5		9	24
LT	MISSISSIPPI LEVEE RD 680N	247+60	AGGREGATE	37.0	21.0	48.3		8	22
RT	LUBY ST 682N	248+60	AGGREGATE	40.0	19.0	49.2		8	22
RT	CHEBBY ST	271+40	AGGREGATE	45.0	20.0	54.2		9	24
RT	REDMAN RD	291+42	HMA	90.0	54.0	120.0	120	10	54
LT	REDMAN RD	292+02	AGGREGATE	60.0	33.0	77.5		13	35
RT	CACHE LEVEE RD	353+56	AGGREGATE	82.0	59.0	117.5		20	53
LT	MISSISSIPPI LEVEE RD 850N	354+95	AGGREGATE	42.0	18.0	50.0		8	23
LT	MILLER CITY RD	359+56	HMA	74.0	34.0	90.0	90	8	41
RT	GUERDON RD	382+95	AGGREGATE	35.0	42.0	64.2		11	29
SUBTOTALS						1,278	210	200	575

ENTRANCE SCHEDULE

LOCATION: IL 3 (FAP 14)	ENTRANCE TYPE	EXIST. SURFACE	EOP WIDTH	WIDTH AT 4' OFFSET	ROADWAY AREA	INCIDENTAL HMA SURFACING	BIT. MAT. (PRIME COAT)
		FOR INFORMATIONAL PURPOSE ONLY					
		TYPE	(FT)	(FT)	(SQ YD)	(TON)	(POUND)
ENTRANCES							
170+00 RT	PRIVATE ENT.	HMA	34	24	12.9	1	6
172+40 RT	PRIVATE ENT.	HMA	36	30	14.7	1	7
173+88 RT	PRIVATE ENT.	HMA	35	26	13.6	1	6
209+35 RT	PRIVATE ENT.	HMA	38	28	14.7	1	7
211+20 RT	PRIVATE ENT.	HMA	35	25	13.3	1	6
212+10 RT	PRIVATE ENT.	HMA	31	27	12.9	1	6
212+90 RT	PRIVATE ENT.	HMA	33	28	13.6	1	6
213+50 RT	PRIVATE ENT.	HMA	29	22	11.3	1	5
217+62 RT	PRIVATE ENT.	HMA	44	36	17.8	1	8
217+88 RT	PRIVATE ENT.	HMA	35	30	14.4	1	7
219+47 RT	PRIVATE ENT.	HMA	33	22	12.2	1	6
220+96 RT	PRIVATE ENT.	HMA	33	26	13.1	1	6
221+75 RT	PRIVATE ENT.	HMA	46	36	18.2	1	8
222+60 RT	PRIVATE ENT.	HMA	32	28	13.3	1	6
223+00 RT	PRIVATE ENT.	HMA	31	24	12.2	1	6
223+20 RT	PRIVATE ENT.	HMA	30	22	11.6	1	5
224+40 RT	PRIVATE ENT.	HMA	45	35	17.8	1	8
225+20 RT	PRIVATE ENT.	HMA	31	22	11.8	1	5
230+35 RT	PRIVATE ENT.	HMA	44	33	17.1	1	8
232+33 RT	PRIVATE ENT.	HMA	44	36	17.8	1	8
232+90 RT	PRIVATE ENT.	HMA	29	24	16.0	1	5
233+70 RT	PRIVATE ENT.	HMA	40	32	14.4	1	7
234+45 RT	PRIVATE ENT.	HMA	41	24	14.4	1	7
235+50 RT	PRIVATE ENT.	HMA	39	26	13.1	1	7
236+25 RT	PRIVATE ENT.	HMA	34	25	13.1	1	6
236+90 RT	PRIVATE ENT.	HMA	27	22	10.9	1	5
237+50 RT	PRIVATE ENT.	HMA	42	37	17.6	1	8
239+33 RT	PRIVATE ENT.	HMA	30	22	11.6	1	5
240+70 RT	PRIVATE ENT.	HMA	30	24	12.0	1	5
241+75 RT	PRIVATE ENT.	HMA	38	30	15.1	1	7
242+59 RT	PRIVATE ENT.	HMA	36	29	14.4	1	6
245+80 RT	PRIVATE ENT.	HMA	35	29	14.2	1	5
247+50 RT	PRIVATE ENT.	HMA	29	22	11.3	1	5
267+07 RT	FIELD ENT.	DIRT	NA	NA	NA	0	0
269+30 RT	PRIVATE ENT.	HMA	30	23	11.8	1	5
270+50 RT	PRIVATE ENT.	HMA	25	16	9.1	1	4
273+07 RT	PRIVATE ENT.	HMA	34	23	12.7	1	6
274+60 RT	COMMERCIAL ENT.	HMA	34	26	13.3	1	6
275+55 RT	COMMERCIAL ENT.	HMA	30	23	11.8	1	5
276+60 RT	COMMERCIAL ENT.	HMA	34	28	13.8	1	6
277+95 RT	PRIVATE ENT.	HMA	27	18	10.0	1	5
279+04 RT	PRIVATE ENT.	HMA	21	15	8.0	1	4
279+43 RT	PRIVATE ENT.	HMA	36	19	12.2	1	6
280+83 RT	FIELD ENT.	DIRT	NA	NA	NA	0	0
282+00 RT	PRIVATE ENT.	HMA	33	26	13.1	1	6
285+48 RT	FIELD ENT.	HMA	34	23	12.7	1	6
306+28 RT	PRIVATE ENT.	HMA	53	36	19.8	1	9
322+40 RT	PRIVATE ENT.	HMA	38	27	14.4	1	7
324+93 RT	PRIVATE ENT.	HMA	46	36	18.2	1	8
325+75 RT	PRIVATE ENT.	HMA	34	23	12.7	1	6
332+00 RT	PRIVATE ENT.	HMA	39	35	16.4	1	7
333+90 RT	PRIVATE ENT.	HMA	41	28	15.3	1	7
338+00 RT	PRIVATE ENT.	HMA	64	50	25.3	1	11
354+28 LT	COMMERCIAL ENT.	AGGREGATE	100	100	44.4	4	20
SUBTOTALS						55	340

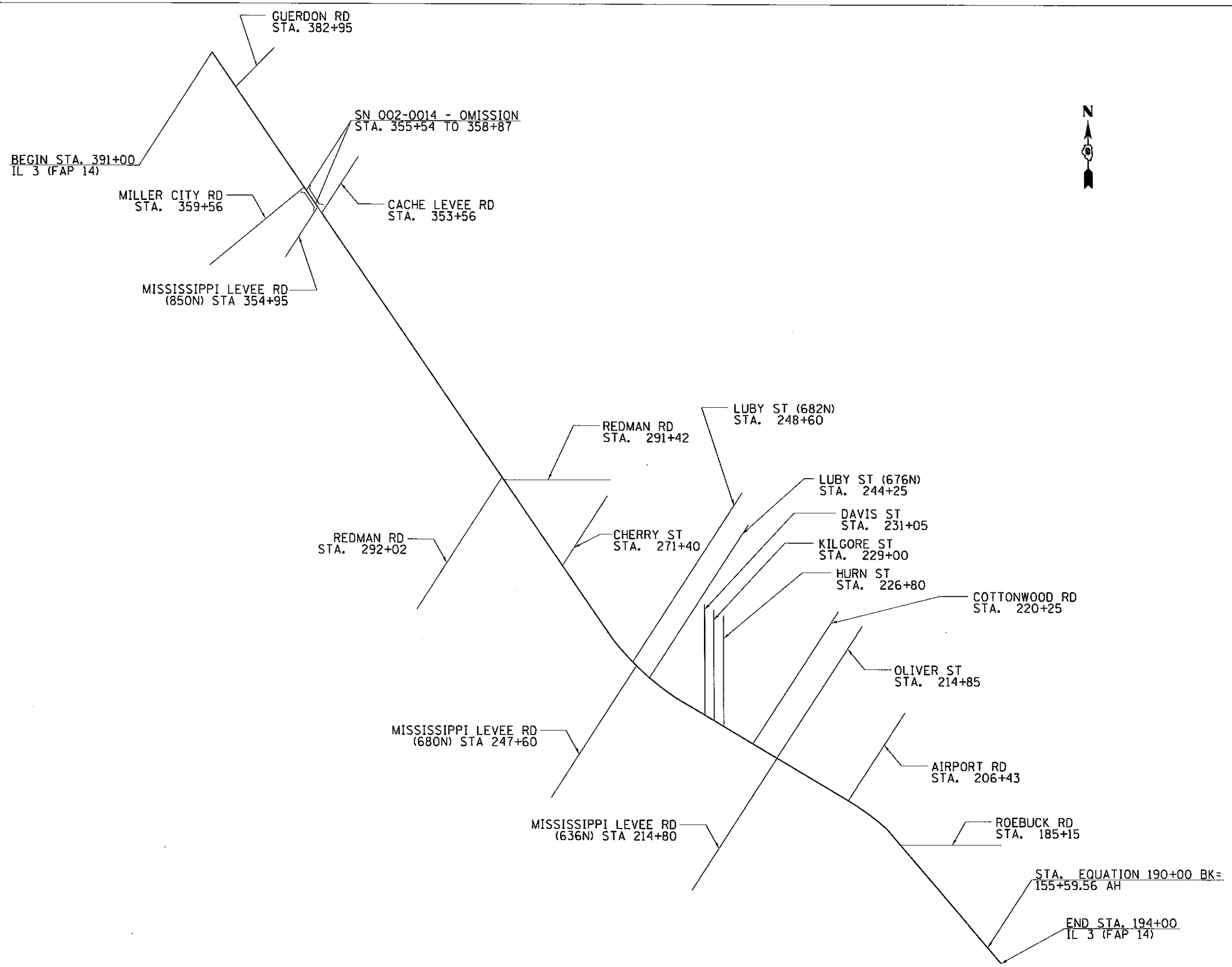
PAVEMENT MARKING SCHEDULE

LOCATION: STATION TO STATION			LENGTH	PAINT PAVEMENT MARKING LINE 4"		RAISED REFLECTOR PAVEMENT MARKER TWO WAY AMBER	RAISED REFLECTOR PAVEMENT MARKER REMOVAL	SHORT TERM PAVEMENT MARKING (3 APPL)	TEMPORARY PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL
				4" YELLOW SKIP DASH	4" WHITE EDGE LINES					
IL 3 (FAP 14)			(FT)	(FT)	(FT)	(EACH)	(EACH)	(FT)	(FT)	(SQ FT)
STA	TO	STA								
194+00	TO	190+00	400.0	100	800	6	5	120	900	340
190+00 (BK)	=	155+59.56 (AH)								
155+59.56	TO	355+54	19994.4	4999	39989	250	191	5998	44988	16995.4
OMISSION SN (002-0014)										
358+87	TO	391+00	3213.0	804	6426	41	27	964	7230	2731.3
SUB TOTALS				5903	47215					
TOTALS				53118		297	223	7082	53118	20067

Temporary Pavement Marking =
Paint Pavement Marking

Work Zone Pavement Marking Removal = Removal of Temporary
Pavement Marking and Short Term Pavement Marking

FILE NAME =	USER NAME = Stoverpg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SCHEDULE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct\pwork\pwork\stoverpg\0166978\78205-sht-plan.dgn		DRAWN -	REVISED -			14	I36RS-4, I37RS-2	ALEXANDER	18	12
		CHECKED -	REVISED -						CONTRACT NO. 78205	
		DATE -	REVISED -		SCALE: _____	SHEET NO. ___ OF ___ SHEETS		STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT



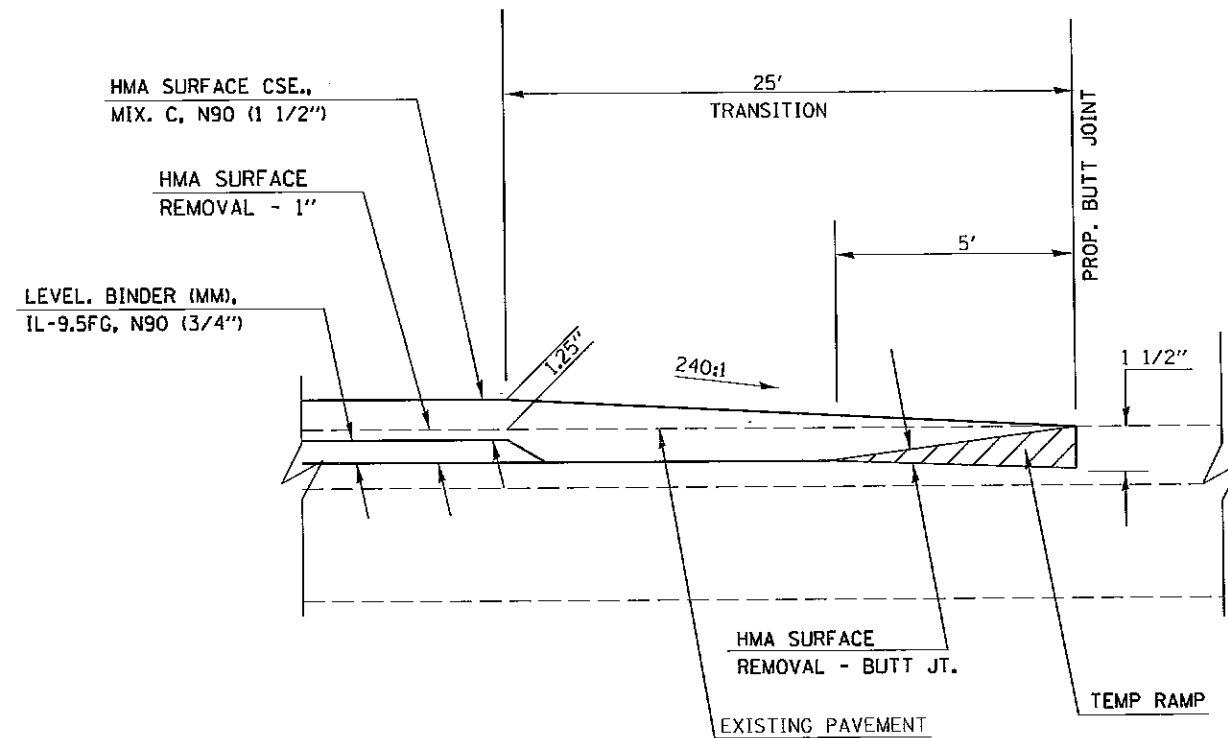
FILE NAME =	USER NAME = Stoverpg	DESIGNED -	REVISED -
c:\pwork\pndat\stoverpg\105898\78205-ahs-plan.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEW	
SCALE: _____	SHEET NO. _____ OF _____ SHEETS
STA. _____ TO STA. _____	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14	136RS-4, 137RS-2	ALEXANDER	18	13
CONTRACT NO. 78205				
ILLINOIS FED. AID PROJECT				

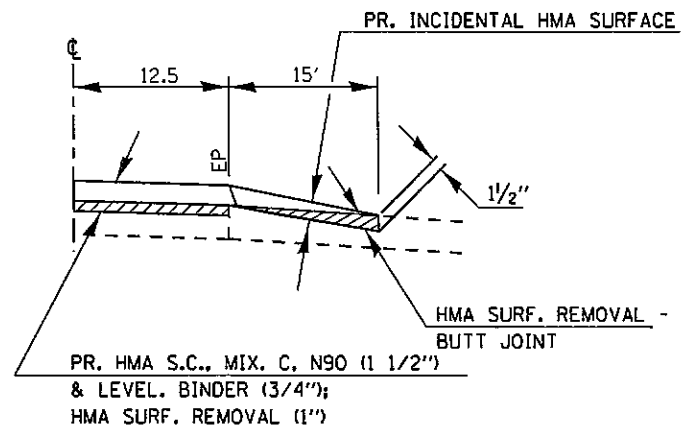
DETAIL FOR HMA SURFACE REMOVAL - BUTT JOINT



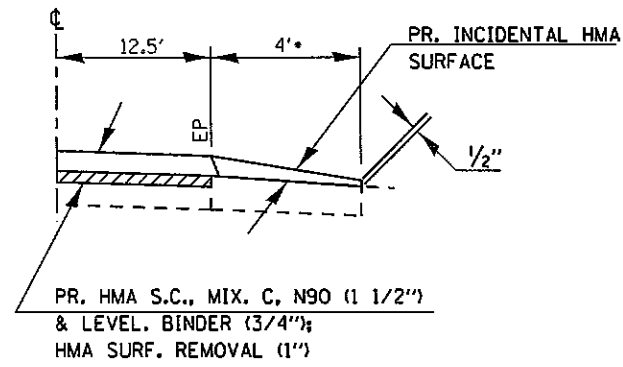
TO BE USED:
 STA. 194+00 TO STA. 193+75
 STA. 355+29 TO STA. 355+54
 STA. 358+87 TO STA. 359+12
 STA. 391+00 TO STA. 390+75

FILE NAME =	USER NAME = Staverpg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL - BUTT JOINT	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pdat\staverpg\d0185898\78205-sh-t-plen.dgn	DRAWN -	REVISED -	14			136RS-4, 137RS-2	ALEXANDER	18	14	
PLOT SCALE = 1/8" = 1' / in.	CHECKED -	REVISED -	CONTRACT NO. 78205							
PLOT DATE = 5/14/2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
					SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____			

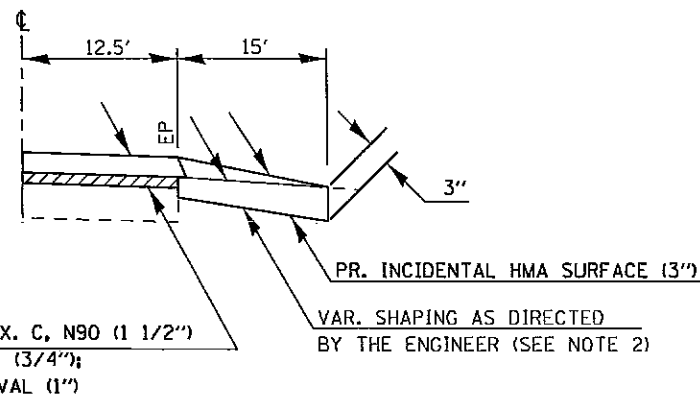
SIDEROAD AND ENTRANCE DETAILS



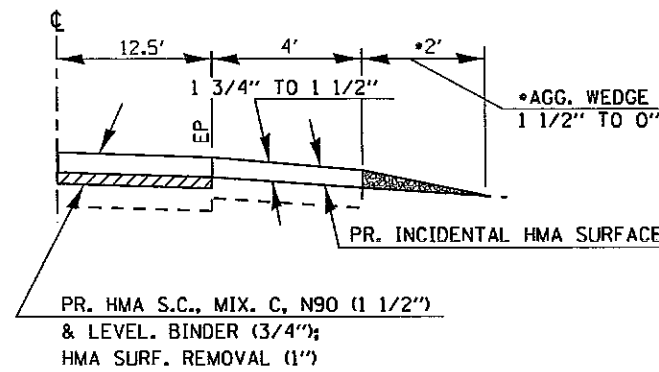
SIDE ROAD SEC. B-B
EX. BIT. OR CONC. SURFACE



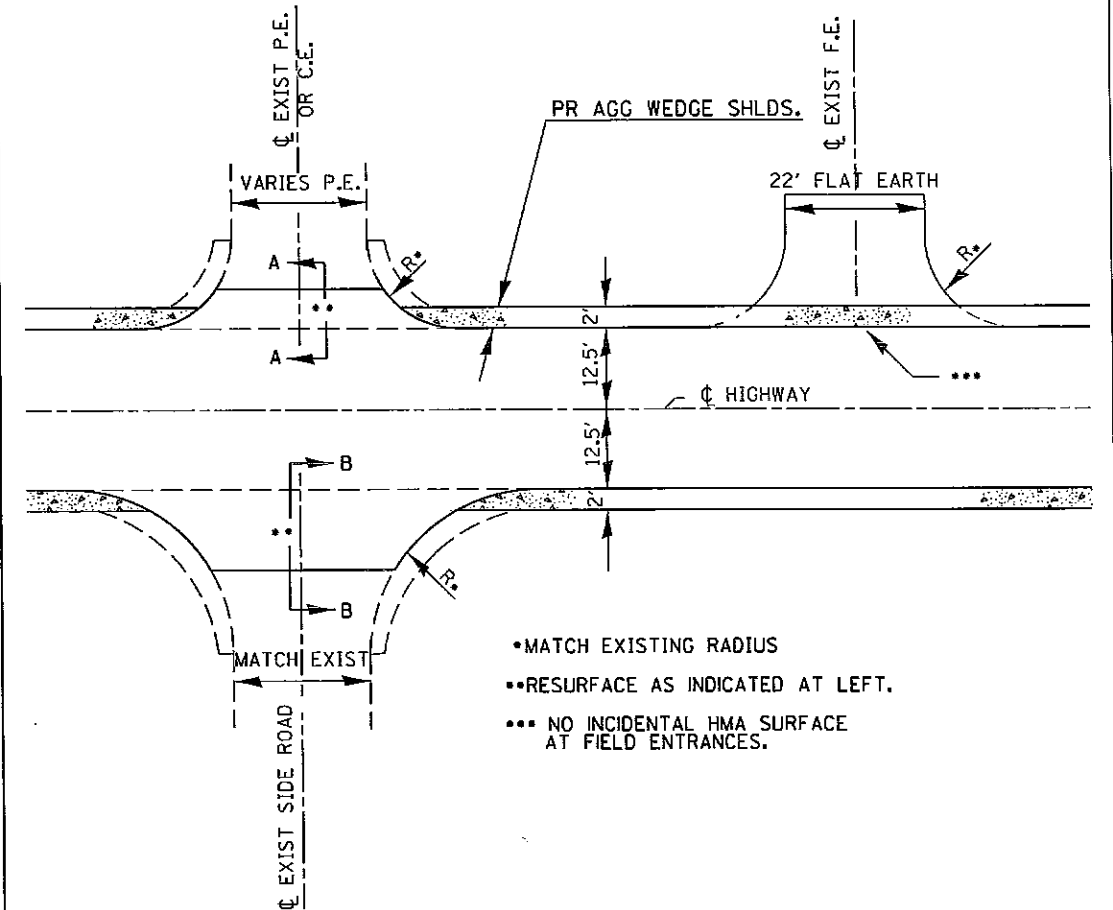
PE OR CE SEC. A-A
EX. BIT. OR CONC. SURFACE
•OR END OF BIT. APRON



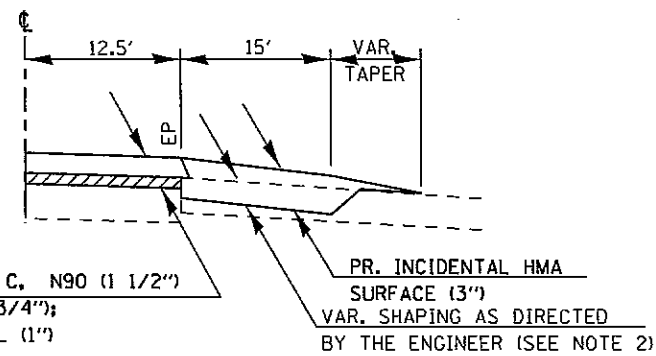
SIDE ROAD SEC. B-B
EX. AGGREGATE SURFACE
(SEE NOTE 1)



PE, CE SEC. A-A
EX. AGGREGATE SURFACE WITH BIT. APRON
•SEE ENTRANCE SCHEDULE FOR QUANTITY.



SEE ENTRANCE SCHEDULE



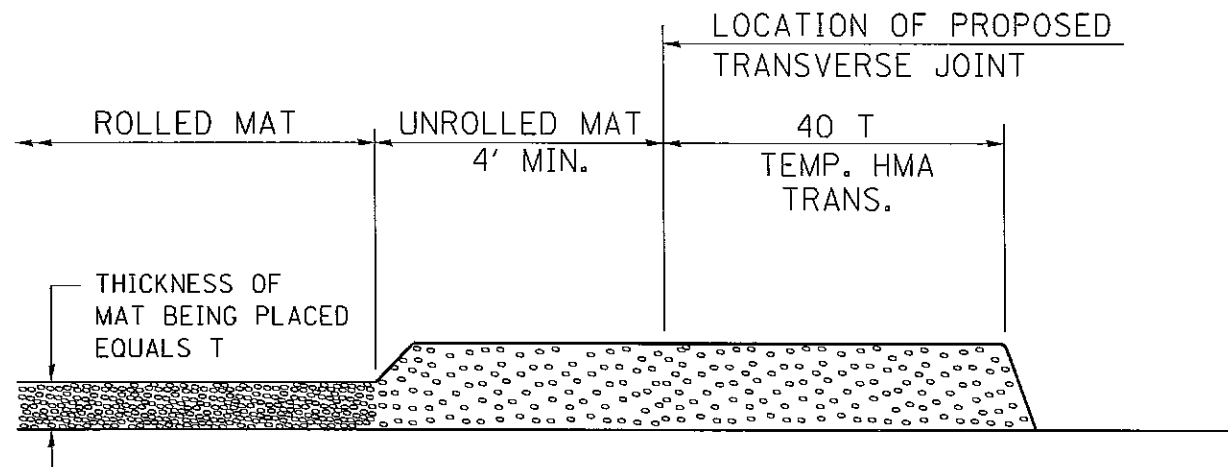
SIDE ROAD SEC. B-B
EX. OIL & CHIP SURFACE
(SEE NOTE 1)

NOTES

- IF EXISTING SUBBASE IS INADEQUATE, AS DETERMINED BY THE ENGINEER, THE SIDE ROADS SHALL BE CORED OUT AND AGGREGATE SUBBASE, TYPE B SHALL BE PLACED FOR BASE. THE COST OF CORING OUT THE SIDE ROAD AND ANY AGGREGATE BASE COURSE SHALL BE PAID FOR AS SPECIFIED IN ART. 109.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. IF EXISTING SUBBASE IS DETERMINED TO BE ADEQUATE, THE PREPARATION OF THE BASE SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 406.09.
- VARIABLE SHAPING IS INCLUDED IN THE COST OF INCIDENTAL HOT-MIX ASPHALT SURFACE.

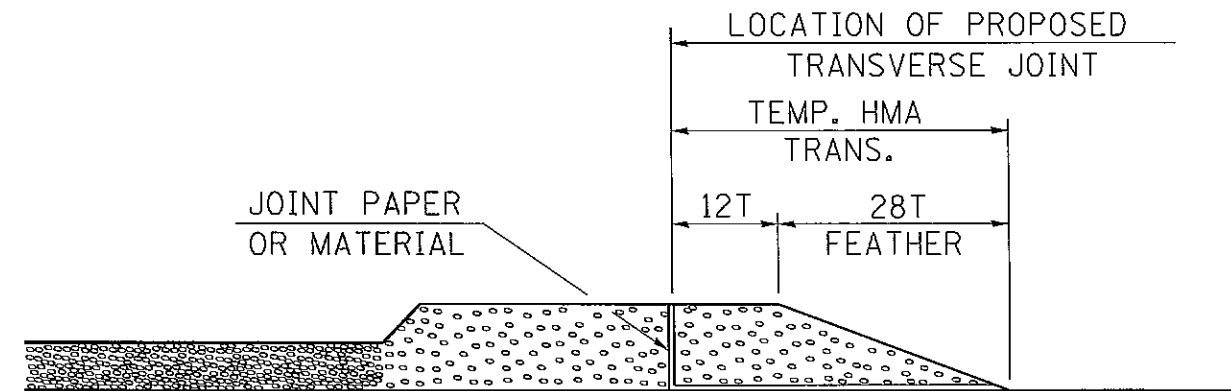
FILE NAME =	USER NAME = Stoverpg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL - SIDE ROADS AND ENTRANCES			F.A.P. RTE. 14	SECTION 136RS-4, 137RS-2	COUNTY ALEXANDER	TOTAL SHEETS 18	SHEET NO. 15
PLT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -		SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 78205				
PLT DATE = 5/14/2014	DATE -	REVISED -	REVISED -		FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT							

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



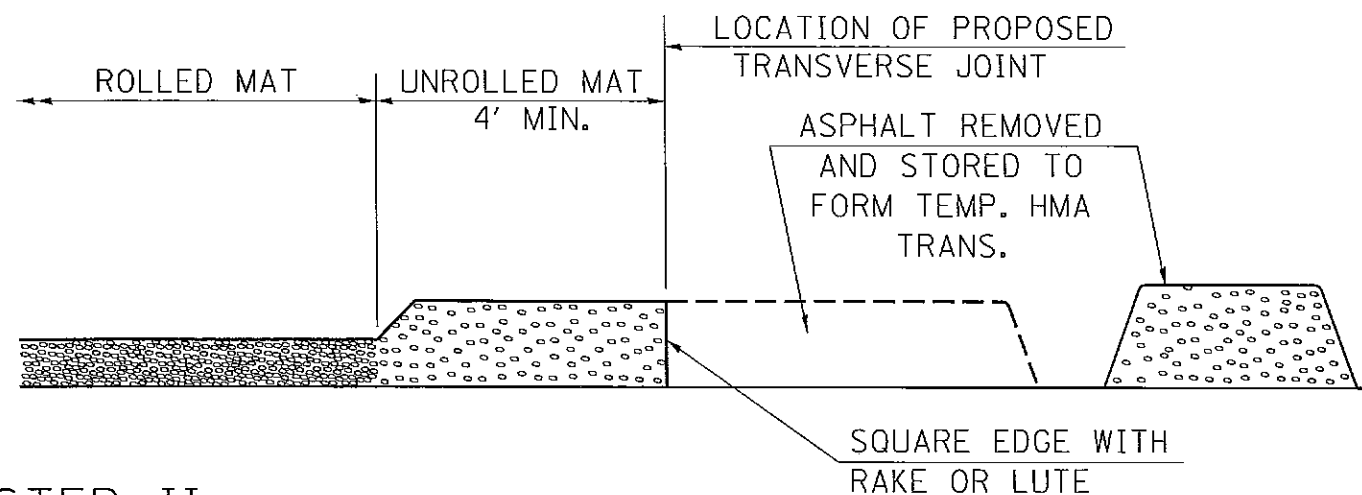
STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 40 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



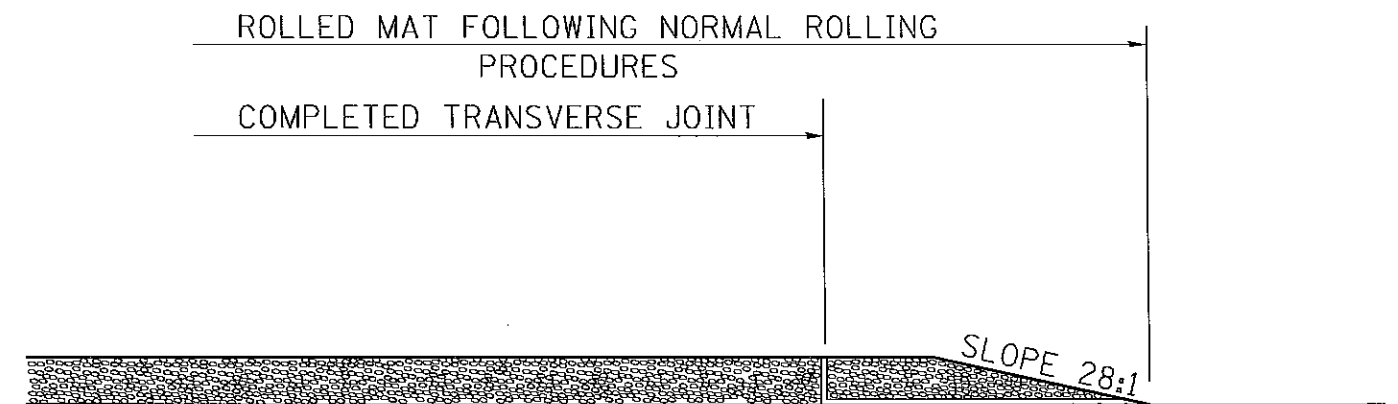
STEP III

1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP II

1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



STEP IV

1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

STD. 9-26

REVISIONS	
REDRAWN	2-15-89
REVISED	8-16-94
REVISED	01-09-07
RESIZED	05-8-08
REVISED	05-16-13

FILE NAME =	USER NAME = Stoverpg	DESIGNED -	REVISED -
or\pwork\pido\stoverpg\0186898\78205-sht-plan.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

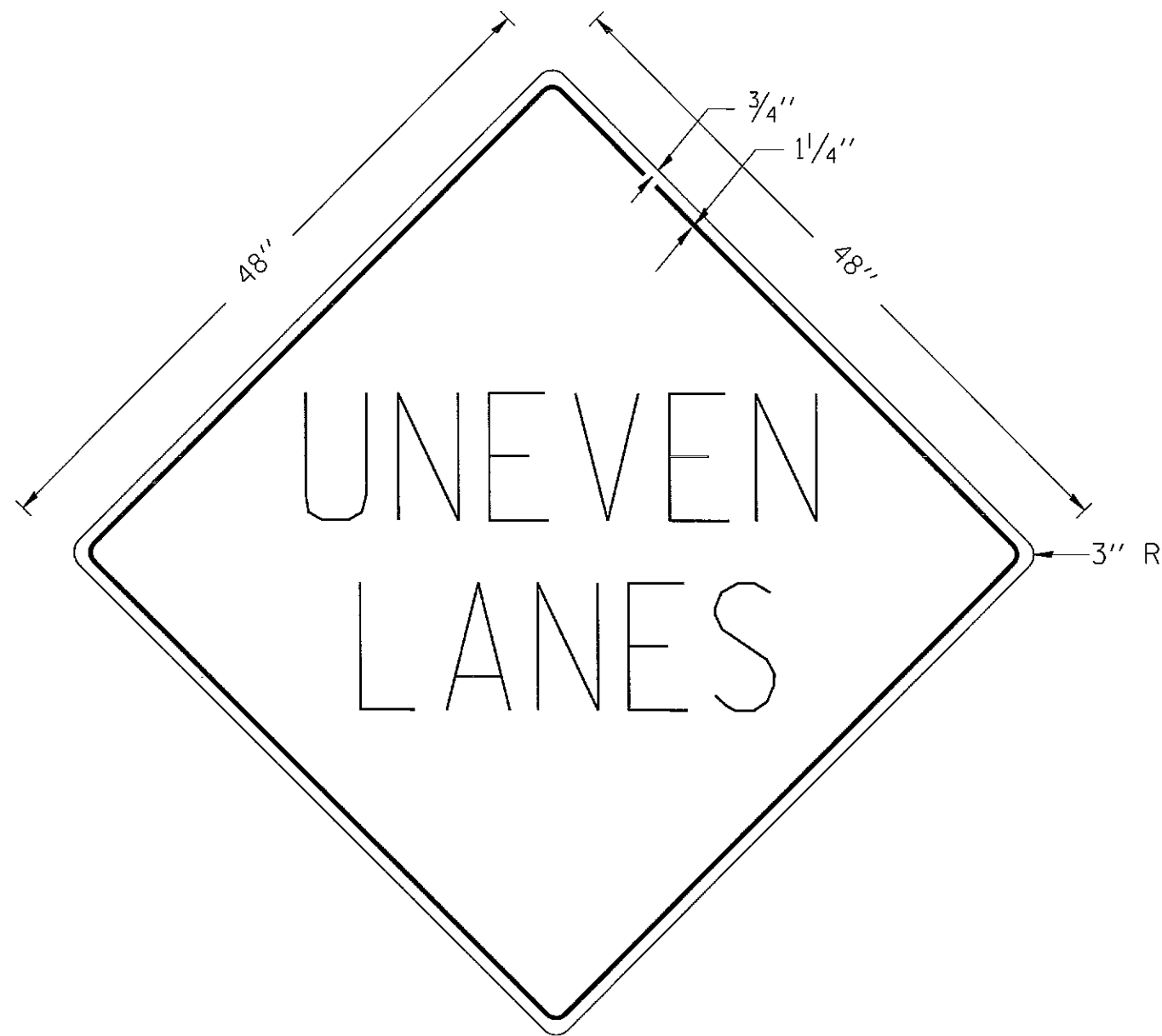
TEMPORARY HOT-MIX ASPHALT TRANSITIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14	166RS-4, 137RS-2	ALEXANDER	18	16
CONTRACT NO. 78205				
ILLINOIS FED. AID PROJECT				

UNEVEN LANES SIGN

W8-11 (48'' x 48'')



COLORS:

LEGEND AND BORDER - BLACK NON-REFLECTORIZED
 BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

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

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

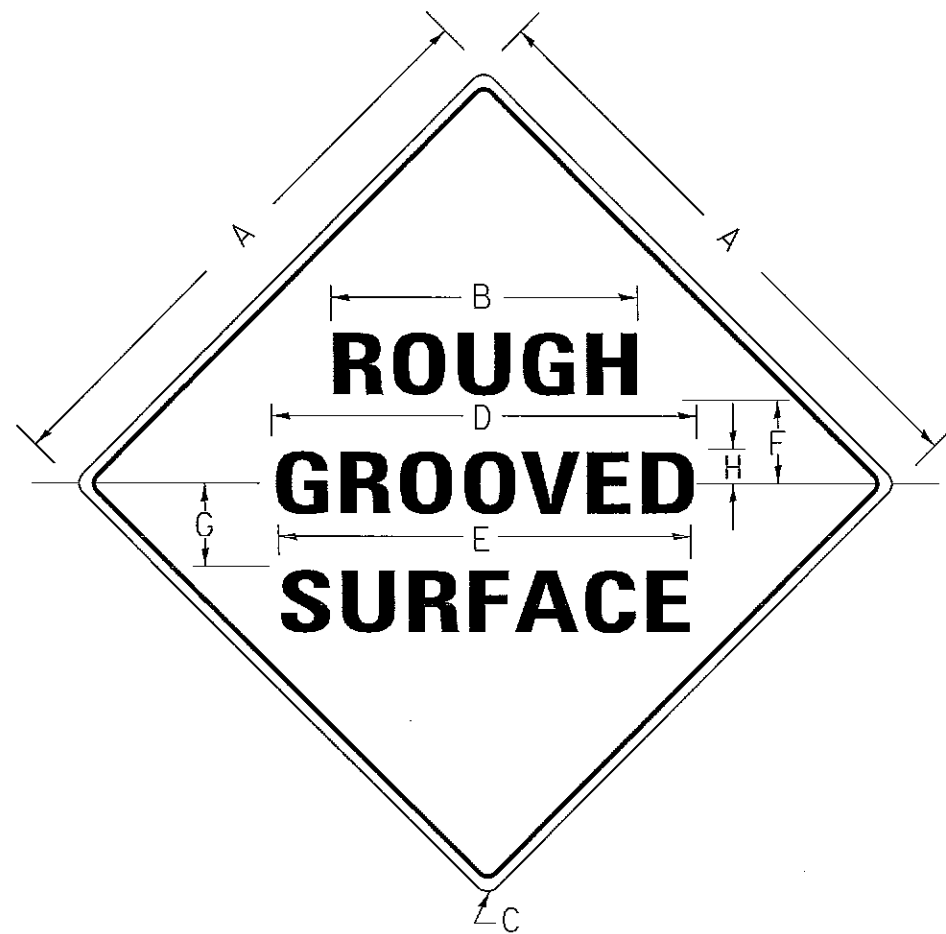
REVISIONS

DRAWN	2-15-89
REVISED	4-06-93
REDSIGNED	7-23-04
RESIZED	5-08-08
REVIEWED	5-17-13

STD. 9-41

FILE NAME =	USER NAME = Stoverpg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	UNEVEN LANES SIGN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\stoverpg\d0186898\78205-sh.t-plan.dgn	PLDT SCALE = 100.0000' / in.	DRAWN -	REVISED -			14	13GRS-4, 137RS-2	ALEXANDER	18	17
PLDT DATE = 5/16/2014	CHECKED -	REVISED -	SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____			ILLINOIS FED. AID PROJECT				
	DATE -	REVISED -								

ILLINOIS STANDARD



COLORS:

LEGEND AND BORDER- BLACK NON-REFLECTORIZED
BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MAR- GIN	BOR- DER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

NOTES:

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

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

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

REVISIONS

REDRAWN	2-15-89
REVISED	4-6-93
REVISED	3-27-08
REVIEWED	5-17-13

STD. 9-39

FILE NAME =	USER NAME = Stoverpg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROUGH GROOVED SURFACE SIGN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pr_work\pilot\stoverpg\08186898\78205-ahp-plan.dgn		DRAWN -	REVISED -			14	136RS-4, 137RS-2	ALEXANDER	18	18	
PLOT SCALE = 100.0000' / 1"		CHECKED -	REVISED -			CONTRACT NO. 78205					
PLOT DATE = 5/16/2014		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					