

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 726 (IL 37)
SECTION 116RS-5,120RS-6

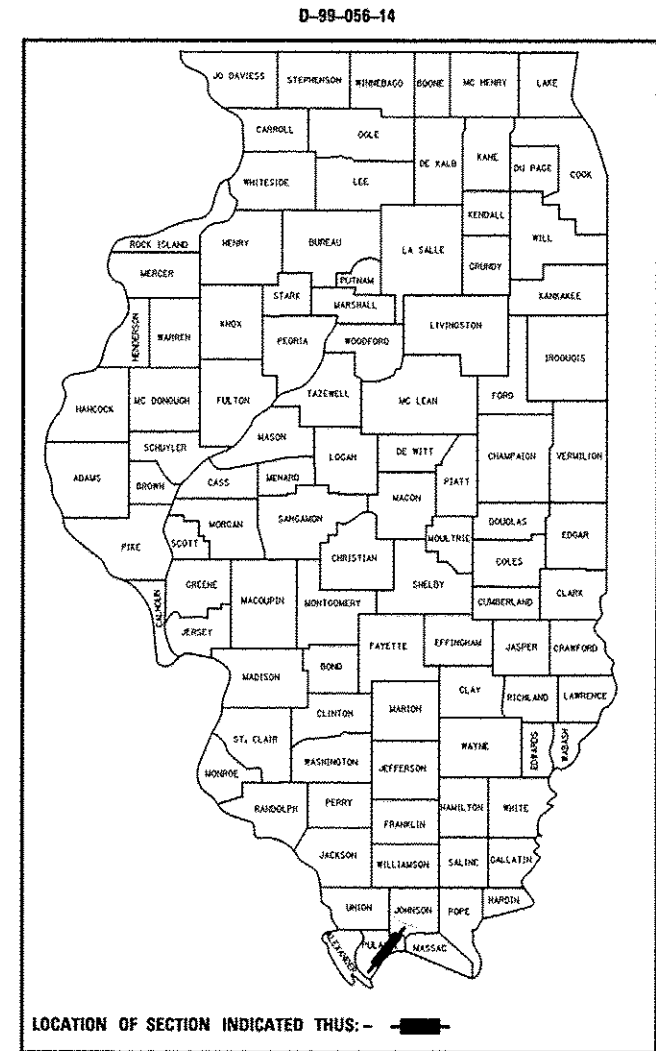
**3P RESURFACING
PULASKI COUNTY**

C-99-064-14

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	116RS-5,120RS-6	PULASKI	17	1
		ILLINOIS	CONTRACT NO. 78435	

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SIGNATURES
3	LISTING OF HIGHWAY STANDARDS, GENERAL NOTES
4	MIXTURE REQUIREMENTS & STRUCTURE/MTD INFORMATION
5 - 7	SUMMARY OF QUANTITIES
8 - 10	TYPICAL SECTIONS
11 - 14	SCHEDULES OF QUANTITIES
15 - 17	DETAILS HIGHWAY STANDARDS



STATION EQUATIONS

EQ STA 680+53.80 @ BK = STA 680+68.30 @ AH
EQ STA 735+14.85 @ BK = STA 735+39.44 @ AH
EQ STA 795+42.00 @ BK = STA 1870+34.30 @ AH*
EQ STA 1770+07.00 @ BK = STA 1770+00.00 @ AH

* STATIONING REVERSES AT THIS LOCATION

TRAFFIC DATA

IL-37 TRAFFIC DATA

2015 ADT = 2,350 WITH 195 SU & 255 MU
2025 ADT = 2,625 WITH 220 SU & 285 MU

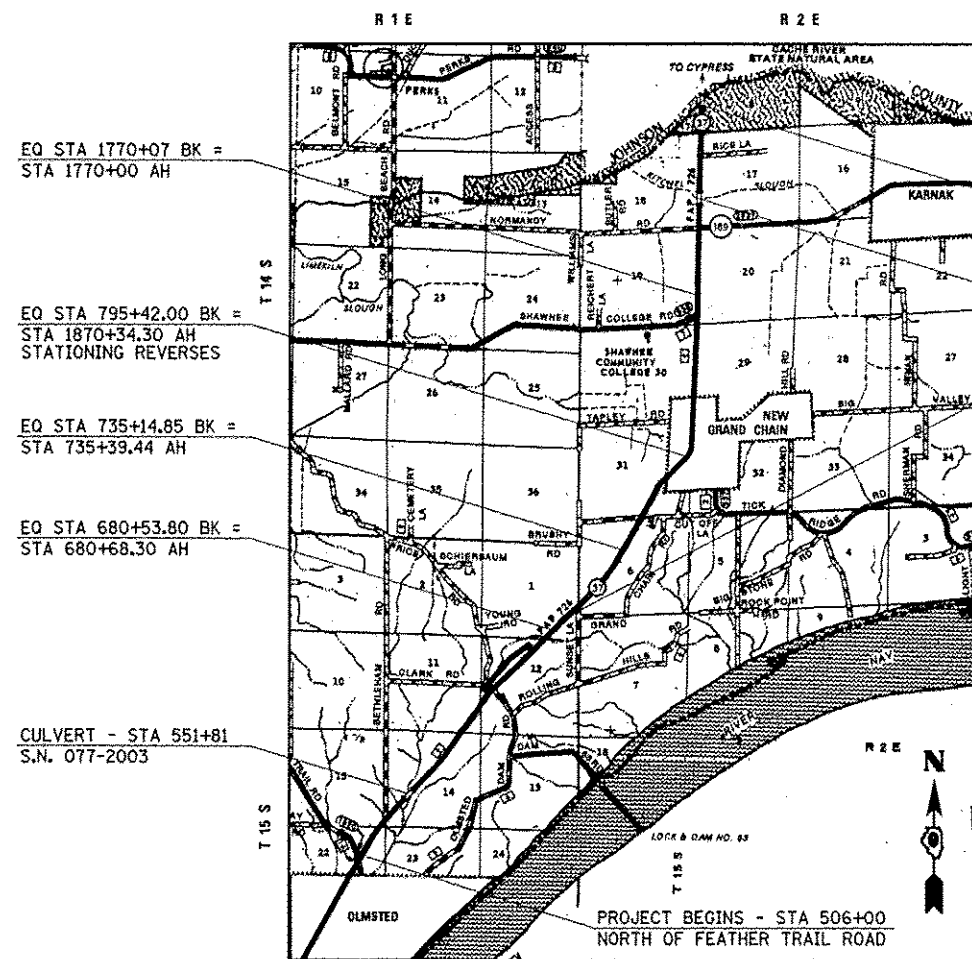
TOWNSHIPS

CYPRESS
KARNAK
OLMSTED

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

PROJECT ENGINEER - SUSAN POE
PROJECT DESIGNER - HOWARD THOMAS

CONTRACT NO. 78435



EQ STA 1770+07 BK =
STA 1770+00 AH

EQ STA 795+42.00 BK =
STA 1870+34.30 AH
STATIONING REVERSES

EQ STA 735+14.85 BK =
STA 735+39.44 AH

EQ STA 680+53.80 BK =
STA 680+68.30 AH

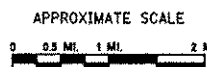
CULVERT - STA 551+81
S.N. 077-2003

PROJECT ENDS - STA 1671+00
CACHE RIVER BRIDGE - SOUTH END

OMISSION - KITCHEL SLOUGH BRIDGE
STA 1724+56 TO STA 1723+75
S.N. 077-0021

OMISSION - NEW PCC PAVEMENT
STA 702+07 TO STA 702+72

GROSS LENGTH = 48,830.2 FT. = 9.248 MILE
NET LENGTH = 48,684.2 FT. = 9.220 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED July 1 2014

Jeffrey L. Keim
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Aug 15 2014
John D. Baranzelli, PE
acting ENGINEER OF DESIGN AND ENVIRONMENT

Aug 15 2014
Omer Osman, PE
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

Prepared By: Joe Zeleniewicz
DISTRICT STUDIES & PLANS ENGINEER

Examined By: John E. [Signature]
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Carrie Nelson
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Keith Miley
DISTRICT OPERATIONS ENGINEER

Examined By: [Signature]
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Doris J. [Signature]
DISTRICT CONSTRUCTION ENGINEER

Examined By: Bruce W. [Signature]
DISTRICT MATERIALS ENGINEER

FILE NAME *	USER NAME * thomashf	DESIGNED -	REVISED -
e:\pwork\pwork\thomashf\08482101\7843	3-sha-avr_sq_index.dgn	DRAWN -	REVISED -
	PLOT SCALE * 100.0000' / 1"	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE * 6/30/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNATURES			
SCALE:	SHEET	OF	SHEETS
		STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	116RS-5,120RS-6	PULASKI	17	2
CONTRACT NO. 78435				
ILLINOIS FED. AID PROJECT				

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
442201-03	CLASS C AND D PATCHES
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701336-06	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS > 45 MPH
701901-03	TRAFFIC CONTROL DEVICES
780001-04	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES

1. THE THICKNESS OF HOT-MIX ASPHALT SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT IS PLACED.
2. FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT-MIX ASPHALT	BITUMINOUS MATERIALS:
2.016 TONS/CU. YD.	ON PAVEMENT
ALL AGGREGATE	SEE SPECIAL PROVISIONS
2.05 TONS/CU. YD.	INTERMEDIATE LIFTS (FOG COAT)
RIPRAP	SEE SPECIAL PROVISIONS
1.50 TONS/CU. YD.	ON AGGREGATE SURFACE
AGGREGATE (PRIME COAT)	SEE SPECIAL PROVISIONS
SEE SPECIAL PROVISIONS	
3. AT ALL LOCATIONS WHERE THE PROPOSED BITUMINOUS OR CONCRETE PAVEMENT JOINS AN EXISTING HOT-MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.
4. AFTER A LIFT OF BITUMINOUS CONCRETE HAS BEEN PLACED ON A LANE, THAT LANE SHALL REMAIN CLOSED TO TRAFFIC UNTIL THE NEW MAT HAS COOLED TO 150 F.
5. HMA RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2,000 FT., THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.
6. THE CONTRACTOR SHALL STAMP STATIONING IN THE HOT-MIX ASPHALT SURFACE 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.
7. PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.
8. THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR HMA SURFACE REMOVAL, HMA BINDER AND SURFACE, AT THE RATE OF 4 FEET IN 40 FEET.
9. A QUANTITY OF STONE DUMPED RIP RAP HAS BEEN INCLUDED IN THE CONTRACT. THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS FOR RECOMMENDATIONS ON ITS PLACEMENT.

COMMITMENTS

NONE

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LISTING OF APPLICABLE HIGHWAY STANDARDS & GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\p1\dot\lavender\be\0482101\7	435-shite-ovr-001.dgn	DRAWN -	REVISED -			726	116RS-5,12ORS-6	PULASKI	17	3	
MODELNAME#	PLOT SCALE = 1/8" = 1' 0"	CHECKED -	REVISED -			CONTRACT NO. 78435					
	PLOT DATE = 7/2/2014	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

SUMMARY OF QUANTITIES - CONT

COUNTY:	PULASKI
ROUTE:	FAP 726, IL 37
FUNDING:	100% STATE
LOCATION:	RURAL
TOTAL QUANTITY	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY
44201839	CLASS D PATCHES, TYPE II, 16 INCH	SO YD	731	731
44201843	CLASS D PATCHES, TYPE III, 16 INCH	SO YD	320	320
44201845	CLASS D PATCHES, TYPE IV, 16 INCH	SO YD	171	171
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	17,574	17,574
48101200	AGGREGATE SHOULDERS, TYPE B	TON	3,476	3,476
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4
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
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	6	6
70300100	SHORT TERM PAVEMENT MARKING	FOOT	13,371	13,371
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	52	52
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	138,128	138,128

* SPECIALTY ITEM

FILE NAME :	USER NAME : #USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr\pv_work\pvsdot\lavenderba\2482181\74435\hta\cr_ssq\index.dgn		DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION		726	116RS-5.120RS-6	PULASKI	17	6
#MODELNAME#	PLOT SCALE = 1/8"=1'-0"	CHECKED -	REVISED -		SCALE:					
	PLOT DATE = 7/2/2014	DATE -	REVISED -		SHEET	OF	SHEETS	STA.	TO	STA.
										ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES - CONT

COUNTY:	PULASKI
ROUTE:	FAP 726, IL 37
FUNDING:	100% STATE
LOCATION:	RURAL
TOTAL QUANTITY	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	440	440
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	50	50
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,480	1,480
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	52	52
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	138,128	138,128
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	440	440
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	50	50
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	661	661
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	661	661
Z0034105	MATERIAL TRANSFER DEVICE	TON	16,841	16,841

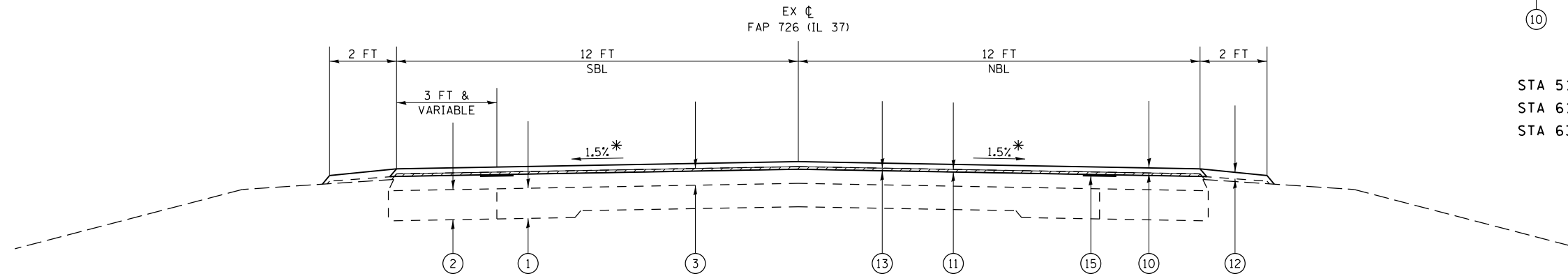
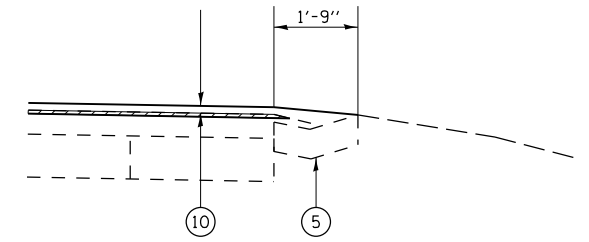
* SPECIALTY ITEMS

* SPECIALTY ITEM

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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#MODELNAME#	PLOT DATE = 7/2/2014	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

TYPICAL SECTIONS

PULASKI COUNTY
FAP 726 (IL 37)
(LOOKING NORTH)

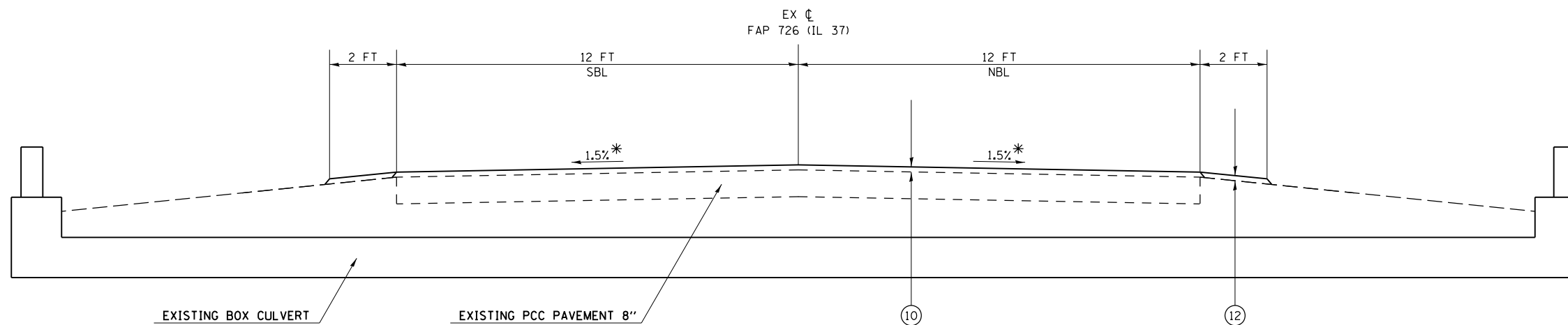


TO BE USED:
STA 511+30 TO STA 540+65
STA 615+10 TO STA 624+15
STA 634+15 TO STA 637+80

TO BE USED:
STA 506+00 TO STA 511+30
STA 540+65 TO STA 551+48
STA 552+14 TO STA 615+10
STA 637+80 TO STA 641+95
STA 666+25 TO STA 698+10
STA 1738+15 TO STA 1724+56
STA 1723+75 TO STA 1671+00

LEGEND

- ① EXISTING PCC PAVEMENT 9" - 7" - 9"
- ② EXISTING BASE COURSE WIDENING 9"
- ③ EXISTING HOT-MIX ASPHALT OVERLAY 5"
- ④ EXISTING HOT-MIX ASPHALT OVERLAY 7"
- ⑤ EXISTING TYPE B GUTTER
- ⑥ EXISTING TYPE A GUTTER
- ⑩ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90, 1/2"
- ⑪ PROPOSED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90, 3/4"
- ⑫ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ⑬ PROPOSED HMA SURFACE REMOVAL, 3/4"
- ⑭ PROPOSED HMA SURFACE REMOVAL, 1/2"
- ⑮ PROPOSED STRIP REFLECTIVE CRACK CONTROL **



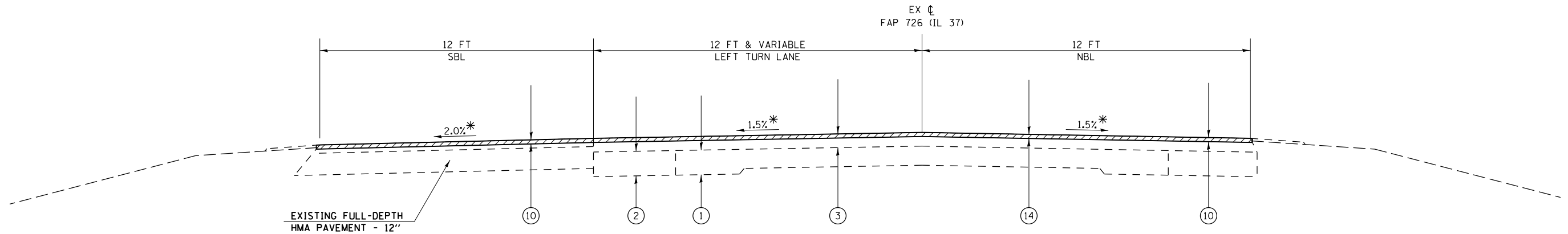
TO BE USED:
STA 551+48 TO STA 552+14

* MATCH EXISTING PAVEMENT SLOPE
** SEE PATCHING SCHEDULE FOR LOCATIONS

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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\$MODELNAME\$	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 78435				
	PLOT DATE = 7/2/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

TYPICAL SECTIONS

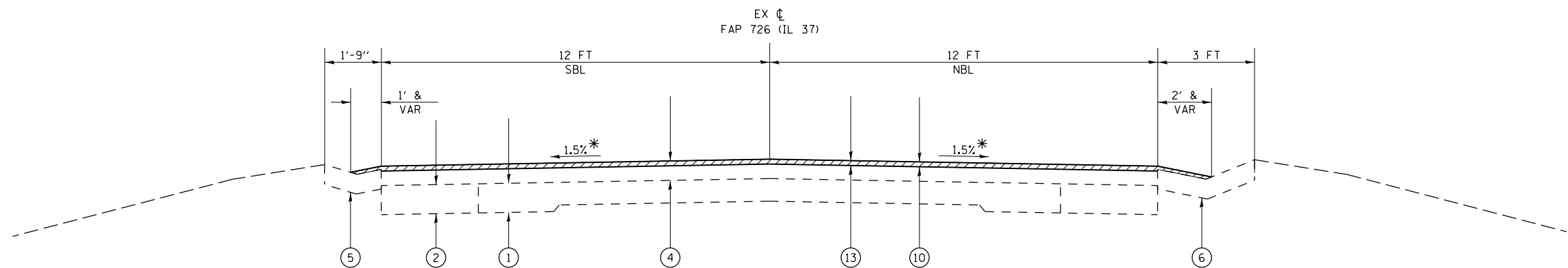
PULASKI COUNTY
FAP 726 (IL 37)
(LOOKING NORTH)



TO BE USED:
STA 624+15 TO STA 634+15

LEGEND

- | | | | |
|---------------------------------------|---------------------------------------|--|--|
| ① EXISTING PCC PAVEMENT 9" - 7" - 9" | ④ EXISTING HOT-MIX ASPHALT OVERLAY 7" | ⑩ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90, 1/2" | ⑬ PROPOSED HMA SURFACE REMOVAL, 3/4" |
| ② EXISTING BASE COURSE WIDENING 9" | ⑤ EXISTING TYPE B GUTTER | ⑪ PROPOSED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90, 3/4" | ⑭ PROPOSED HMA SURFACE REMOVAL, 1/2" |
| ③ EXISTING HOT-MIX ASPHALT OVERLAY 5" | ⑥ EXISTING TYPE A GUTTER | ⑫ PROPOSED AGGREGATE SHOULDERS, TYPE B | ⑮ PROPOSED STRIP REFLECTIVE CRACK CONTROL ** |



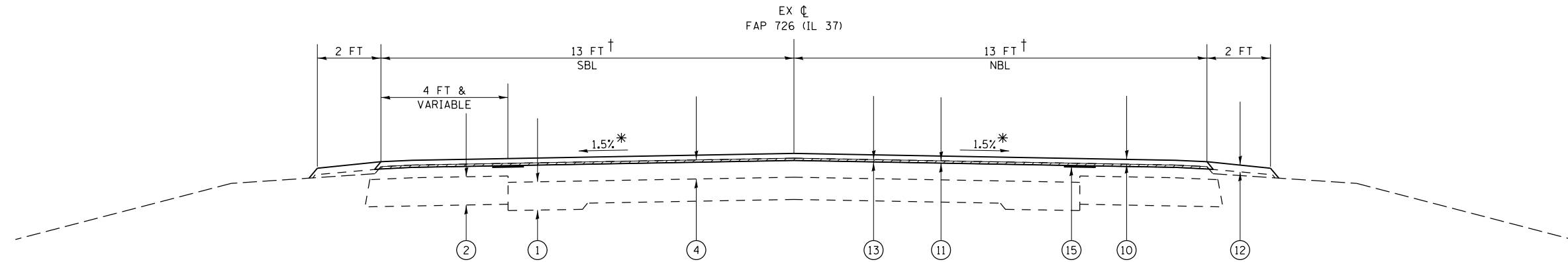
TO BE USED:
STA 641+95 TO STA 660+00 — EXISTING TYPE B GUTTER LEFT & RIGHT
STA 660+00 TO STA 666+25 — EXISTING TYPE A GUTTER LEFT & RIGHT
STA 698+10 TO STA 702+07 — EXISTING TYPE B GUTTER LEFT
STA 702+72 TO STA 720+50 — EXISTING TYPE B GUTTER LEFT

* MATCH EXISTING PAVEMENT SLOPE
** SEE PATCHING SCHEDULE FOR LOCATIONS

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\lavenderba\d0402101\78435-shb-tp-sch-tres.dgn	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -					726	116RS-5,12ORS-6	PULASKI	17	9
\$MODELNAME\$	PLOT DATE = 7/2/2014	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 78435				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

TYPICAL SECTIONS

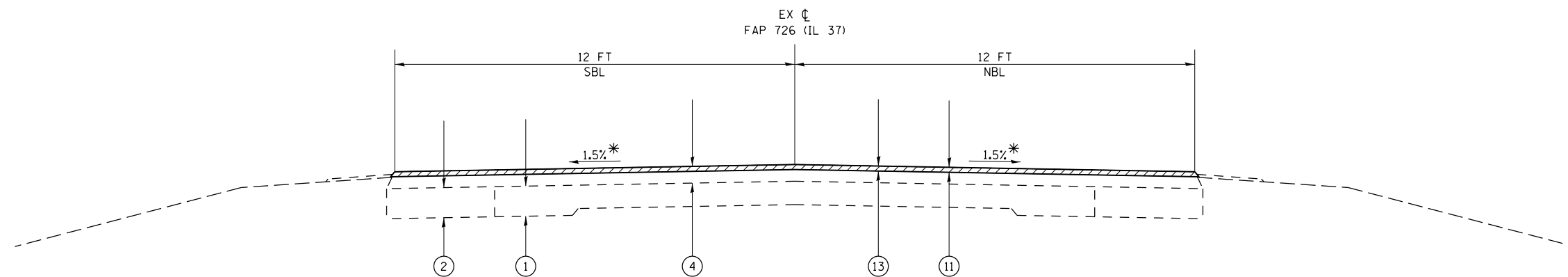
PULASKI COUNTY
FAP 726 (IL 37)
(LOOKING NORTH)



TO BE USED:
STA 720+50 TO STA 795+42.0
STA 1870+34.3 TO STA 1863+50 †
STA 1863+50 TO STA 1741+78

LEGEND

- ① EXISTING PCC PAVEMENT 9" - 7" - 9"
- ② EXISTING BASE COURSE WIDENING 9"
- ③ EXISTING HOT-MIX ASPHALT OVERLAY 5"
- ④ EXISTING HOT-MIX ASPHALT OVERLAY 7"
- ⑤ EXISTING TYPE B GUTTER
- ⑥ EXISTING TYPE A GUTTER
- ⑩ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90, 1/2"
- ⑪ PROPOSED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90, 3/4"
- ⑫ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ⑬ PROPOSED HMA SURFACE REMOVAL, 3/4"
- ⑭ PROPOSED HMA SURFACE REMOVAL, 1/2"
- ⑮ PROPOSED STRIP REFLECTIVE CRACK CONTROL **



TO BE USED:
STA 1741+78 TO STA 1738+15

* MATCH EXISTING PAVEMENT SLOPE
** SEE PATCHING SCHEDULE FOR LOCATIONS
† 14' LANES FROM STA 1870+34.3 TO STA 1863+50

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\dot\lavenderba\d0402101\78435-shb-tp-sch-tres.dgn		DRAWN -	REVISED -		726	116RS-5,12ORS-6	PULASKI	17	10				
\$MODELNAME\$		CHECKED -	REVISED -		CONTRACT NO. 78435				ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		

PATCHING SCHEDULE

LOCATION STATION TO STATION	CLASS D PATCHES, TYPE I, 14 INCH	CLASS D PATCHES, TYPE II, 14 INCH	CLASS D PATCHES, TYPE III, 14 INCH	CLASS D PATCHES, TYPE IV, 14 INCH	CLASS D PATCHES, TYPE I, 16 INCH	CLASS D PATCHES, TYPE II, 16 INCH	CLASS D PATCHES, TYPE III, 16 INCH	CLASS D PATCHES, TYPE IV, 16 INCH	STRIP REFLECTIVE CRACK CONTROL TREATMENT	REMARKS
	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	FOOT	
SOUTHBOUND LANE (LT)										
506+00.00 TO 698+10.00	20.0	229.0	52.0	0.0						*
698+10.00 TO 1738+15.00					20.0	292.0	122.0	119.0		*
1738+15.00 TO 1671+00.00	12.0	131.0	78.0	27.0						*
506+00.00 TO 557+72.00									5172	*
714+50.00 TO 723+00.00									850	*
NORTHBOUND LANE (RT)										
506+00.00 TO 698+10.00	12.0	166.0	16.0	94.0						*
698+10.00 TO 1738+15.00					12.0	439.0	198.0	52.0		*
1738+15.00 TO 1671+00.00	12.0	155.0	112.0	0.0						*
519+20.00 TO 557+72.00									3852	*
570+00.00 TO 587+00.00									1700	*
634+15.00 TO 671+00.00									3685	*
693+35.00 TO 708+00.00									1465	*
714+50.00 TO 723+00.00									850	*
TOTALS	56	681	258	121	32	731	320	171	17574	

* LOCATIONS ARE PROVIDED FOR INFORMATION ONLY. THE ACTUAL LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

RESURFACING SCHEDULE

IL 37 STATION TO STATION	FOR INFORMATION ONLY				HMA SURFACE REMOVAL, 3/4"	HMA SURFACE REMOVAL, 1 1/2"	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90	AGGREGATE SHOULDER, TYPE B	PRIME COAT	HMA SURFACE REMOVAL, BUTT JOINT	TEMPORARY RAMP	REMARKS	
	LENGTH	PAVEMENT WIDTH	SHLD WIDTH (LT)	SHLD WIDTH (RT)										
	FEET	FEET	FEET	FEET										
506+00.00 TO 511+30.00	530.0	24.0	2.0	2.0	1413.3		59.4	119.3	26.8	636.0	80.0	13.3		
511+30.00 TO 540+65.00	2935.0	25.8	2.0	GUTTER	8397.4		352.7	708.8	111.4	3778.8				
540+65.00 TO 551+48.00	1083.0	24.0	2.0	2.0	2888.0		121.3	243.9	54.8	1299.6				
551+48.00 TO 552+14.00	66.0	24.0	2.0	2.0				14.9	3.3	79.2			S. N. 077-2003 (OVERLAY ONLY)	
552+14.00 TO 615+10.00	6296.0	24.0	2.0	2.0	16789.3		705.2	1417.6	478.0	7555.2				
615+10.00 TO 624+15.00	905.0	25.8	2.0	GUTTER	2589.3		108.8	218.6	22.9	1165.2				
624+15.00 TO 627+00.00	285.0	31.0	2.0	2.0		981.7		82.5	14.4	441.8			OLMSTED DAM ROAD (INLAY)	
627+00.00 TO 631+00.00	400.0	36.0	2.0	2.0		1600.0		134.4	20.2	720.0		53.3	OLMSTED DAM ROAD (INLAY)	
631+00.00 TO 634+15.00	315.0	31.0	2.0	2.0		1085.0		91.1	15.9	488.3			OLMSTED DAM ROAD (INLAY)	
634+15.00 TO 637+80.00	365.0	25.8	2.0	GUTTER	1044.3		43.9	88.1	9.2	469.9				
637+80.00 TO 641+95.00	415.0	24.0	2.0	2.0	1106.7		46.5	93.4	21.0	498.0				
641+95.00 TO 660+00.00	1805.0	26.0	GUTTER	GUTTER		5214.4		440.1		2346.5			INLAY	
660+00.00 TO 666+25.00	625.0	28.0	GUTTER	GUTTER		1944.4		164.1		875.0			INLAY	
666+25.00 TO 680+53.80	1428.8	24.0	2.0	2.0	3810.1		160.0	321.7	72.3	1714.6				
STATION EQUATION														
680+68.30 TO 698+10.00	1741.7	24.0	2.0	2.0	4644.5		195.1	392.2	88.2	2090.0				
698+10.00 TO 702+07.00	397.0	25.0	GUTTER	2.0		1102.8		46.3	92.6	10.0	496.3		INLAY	
702+07.00 TO 702+72.00	65.0												NEW PCC PATCH (OMIT)	
702+72.00 TO 720+50.00	1778.0	25.0	GUTTER	2.0		4938.9		207.4	414.9	45.0	2222.5		INLAY	
720+50.00 TO 735+14.85	1464.9	26.0	2.0	2.0	4231.8		177.7	357.2	74.1	1904.3				
STATION EQUATION														
735+39.44 TO 795+42.00	6002.6	26.0	2.0	2.0	17340.7		728.3	1463.6	455.7	7803.3				
STATION EQUATION														
1870+34.30 TO 1866+95.00	339.3	28.0	4.0	4.0	1055.6		44.3	89.1	68.7	475.0				
1866+95.00 TO 1865+75.00	120.0	28.0	4.0		373.3		15.7	31.5	12.1	168.0			MAIN STREET (NEW GRAND CHAIN)	
1865+75.00 TO 1863+50.00	225.0	28.0	4.0	6.0	700.0		29.4	59.1	56.9	315.0				
1863+50.00 TO 1790+60.00	7290.0	26.0	2.0	2.0	21060.0		884.5	1777.5	369.0	9477.0				
1790+60.00 TO 1788+40.00	220.0	26.0		2.0	635.6		26.7	53.6	5.6	286.0			SHAWNEE COLLEGE ROAD	
1788+40.00 TO 1770+07.00	1833.0	26.0	2.0	2.0	5295.3		222.4	446.9	139.2	2382.9				
STATION EQUATION														
1770+00.00 TO 1741+78.00	2822.0	26.0	2.0	2.0	8152.4		342.4	688.1	214.3	3668.6				
1741+78.00 TO 1738+15.00	363.0	24.0	3.0	2.0		968.0		81.3	23.0	435.6		44.4	IL 169 (INLAY)	
1738+15.00 TO 1724+56.00	1359.0	24.0	3.0	2.0	3624.0		152.2	306.0	129.0	1630.8	80.0	13.3		
1724+56.00 TO 1723+75.00	81.0												S. N. 077-0021 (OMIT)	
1723+75.00 TO 1671+00.00	5275.0	24.0	4.0	3.0	14066.7		590.8	1187.8	934.5	6330.0	160.0	26.7		
TOTALS	48830.2				119218		17835	5261	11580	3476	61753	320	151	

PAVEMENT MARKING SCHEDULE

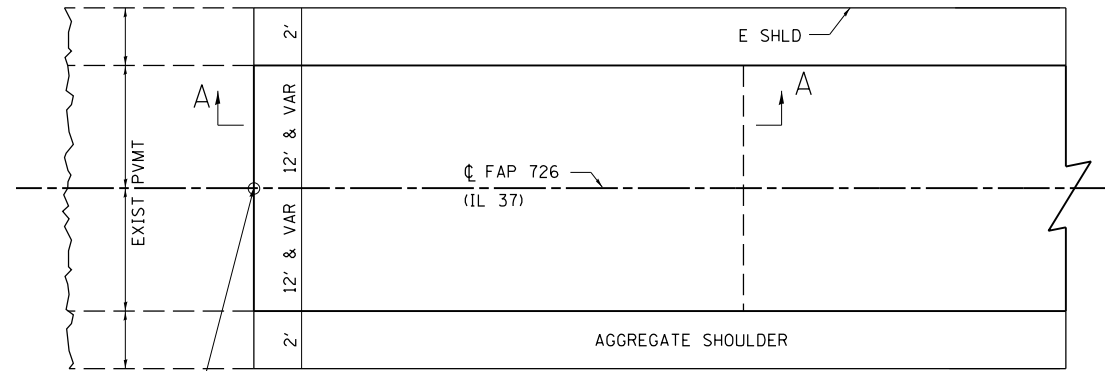
IL 37 STATION TO STATION	FOR INFORMATION ONLY		PAINT PAVEMENT MARKING - LINE 4"			PAINT PAVEMENT MARKING - LINE 12"	PAINT PAVEMENT MARKING - LINE 24" WHITE	PAINT PAVEMENT MARKING - LETTERS & SYMBOLS	RAISED REFLECTIVE PVMT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKERS	SHORT TERM PAVEMENT MARKING	REMARKS	
	LENGTH (FEET)	CENTERLINE MARKING		SOLID WHITE	SOLID YELLOW	SKIP DASH YELLOW							YELLOW
		LT (SB)	RT (NB)	FOOT	FOOT	FOOT	FOOT	FOOT	SO FT	EACH	EACH		FOOT
506+00.00 TO 566+00.00	6000	SKIP DASH	SKIP DASH	12000		1500				75	75	1636	
566+00.00 TO 577+00.00	1100	SKIP DASH	SOLID	2200	1100	275				14	14	300	
577+00.00 TO 588+35.00	1135	SOLID	SOLID	2270	2270					14	14	310	
588+35.00 TO 598+00.00	965	SOLID	SKIP DASH	1930	965	241				12	12	263	
598+00.00 TO 623+75.00	2575	SKIP DASH	SKIP DASH	5150		644				32	32	702	
623+75.00 TO 624+15.00	40	SOLID	SOLID	80	80					4	4	11	
624+15.00 TO 627+50.00	335	DOUBLE	DOUBLE	670	1340		200			21	21	120	LEFT TURN LANE APPROACH
627+50.00 TO 627+95.00	45			90									LEFT TURN LANE
627+95.00 TO 629+50.00	155	SOLID (WHITE)	DOUBLE	465	310					12	12	64	LEFT TURN LANE DELINIATION
628+25.00		LEFT ARROW						15.6					LARGE LEFT TURN ARROW
628+75.00		"ONLY"						20.8					8 FT. "ONLY" (LEFT TURN LANE)
629+20.00		LEFT ARROW						15.6					LARGE LEFT TURN ARROW
629+50.00 TO 634+00.00	450	DOUBLE	DOUBLE	900	1800		240			24	24	160	LEFT TURN LANE APPROACH
634+00.00 TO 634+50.00	50	SOLID	SOLID	100	100					4	4	14	
634+50.00 TO 680+53.80	4604	SKIP DASH	SKIP DASH	9208		1151				58	58	1256	
STATION EQUATION													
680+68.30 TO 726+00.00	4532	SKIP DASH	SKIP DASH	9063		1133				57	57	1236	
726+00.00 TO 735+14.85	915	SKIP DASH	SOLID	1830	915	229				11	11	250	
STATION EQUATION													
735+39.44 TO 737+50.00	211	SKIP DASH	SOLID	421	211	53				3	3	57	
737+50.00 TO 795+42.00	5792	SOLID	SOLID	11584	11584					72	72	1580	
STATION EQUATION													
1870+34.30 TO 1866+00.00	434	SOLID	SOLID	869	869					5	5	118	
1866+00.00 TO 1854+80.00	1120	SOLID	SKIP DASH	2240	1120	280				14	14	305	
1854+80.00 TO 1847+60.00	720	SKIP DASH	SKIP DASH	1440		180				9	9	196	
1847+60.00 TO 1837+00.00	1060	SKIP DASH	SOLID	2120	1060	265				13	13	289	
1837+00.00 TO 1819+00.00	1800	SOLID	SOLID	3600	3600					23	23	491	
1819+00.00 TO 1807+00.00	1200	SOLID	SKIP DASH	2400	1200	300				15	15	327	
1807+00.00 TO 1796+20.00	1080	SKIP DASH	SKIP DASH	2160		270				14	14	295	
1796+20.00 TO 1789+25.00	695	SKIP DASH	SOLID	1390	695	174		50		9	9	190	STOP BARS AT SHAWNEE COLLEGE ROAD
1789+25.00 TO 1786+30.00	295	SOLID	SOLID	590	590					4	4	80	
1786+30.00 TO 1777+00.00	930	SOLID	SKIP DASH	1860	930	233				12	12	254	
1777+00.00 TO 1770+07.00	693	SKIP DASH	SKIP DASH	1386		173				9	9	189	
STATION EQUATION													
1770+00.00 TO 1724+56.00	4544	SKIP DASH	SKIP DASH	9088		1136				57	57	1239	
1724+56.00 TO 1723+75.00	81			162		20							S. N. 077-0021 (OMIT)
1723+75.00 TO 1671+00.00	5275	SKIP DASH	SKIP DASH	10550		1319				66	66	1439	
STATION EQUATION													
TOTALS				97815	30738	9575	440	50	52	661	661	13371	
				138128									

SIDE ROAD & ENTRANCE SCHEDULE

IL 37 STATION AND DIRECTION	SIDE ROAD NAME	SURFACE TYPE *	WIDTH AT EDGE OF PAVEMENT	WIDTH AT END OF APRON	DISTANCE TO END OF APRON	HMA SURFACE REMOVAL - BUTT JOINT	BITUMINOUS MATERIALS (PRIME COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING	REMARKS	
			FEET	FEET	FEET	SQ YD	POUND	TON		
532+20.00 LT	BETHLEHEM ROAD	OIL & CHIP	92.0	42.0	15.0	74.4	50.3	9.4		
620+30.00 LT	SAUERBRUNN LANE	OIL & CHIP	78.0	42.0	15.0	66.7	45.0	8.4		
627+70.00 LT	PRICE ROAD	ASPHALT	-	-	-				WITHIN INLAY SECTION	
627+80.00 RT	OLMSTED DAM ROAD	ASPHALT	-	-	-				WITHIN INLAY SECTION	
657+48.00 LT	SAUERBRUNN LANE	OIL & CHIP	-	-	-				WITHIN INLAY SECTION	
693+35.00 RT	SUNSET ROAD	OIL & CHIP	85.0	40.0	15.0	69.4	46.9	8.8		
754+25.00 RT	CUT OFF LANE	AGGREGATE	57.0	25.0	15.0	45.6	30.8	5.7		
754+80.00 LT	BRUSHY ROAD	AGGREGATE	70.0	30.0	15.0	55.6	37.5	7.0		
1866+35.00 RT	MAIN STREET	ASPHALT	120.0	68.0	15.0	104.4	70.5	13.2		
1860+50.00 RT	RIVER BEND ROAD	AGGREGATE	65.0	32.0	15.0	53.9	36.4	6.8		
1847+40.00 LT	TAPLEY ROAD	AGGREGATE	75.0	33.0	15.0	60.0	40.5	7.6		
1789+25.00 LT	SHAWNEE COLLEGE ROAD	ASPHALT	225.0	125.0	15.0	194.4	131.3	24.5		
1740+46.00 LT	NORMANDY ROAD	OIL & CHIP	-	-	-				WITHIN INLAY SECTION	
1740+34.00 RT	IL 169 (KARNAK ROAD)	ASPHALT	-	-	-				WITHIN INLAY SECTION	
1700+35.00 RT	GOINES LANE	AGGREGATE	60.0	35.0	15.0	52.8	35.6	6.7		
		ENTRANCE TYPE	NUMBER OF ENTRANCES	WIDTH AT EDGE OF PAVEMENT	WIDTH AT END OF APRON	DISTANCE TO END OF APRON	BIT MATERIALS (PRIME COAT) POUND	INCIDENTAL HMA SURFACING TON		
		PRIVATE	39	45.0	41.0	4.0	335.4	62.6		
		COMMERCIAL	9	75.0	71.0	4.0	131.4	24.5		
		FIELD	26	35.0	31.0	4.0	171.6	32.0		
TOTALS							777	1163	217	

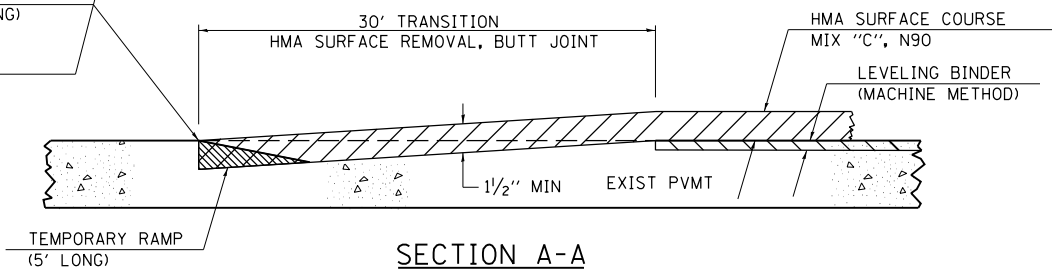
BUTT JOINT

TO BE USED AT THE BEGINNING AND THE END OF THE PROJECT
ALSO USED TO TRANSITION TO THE OMISSION AT S.N. 077-0021



STA 506+00 (BEGINNING) &
STA 1671+00 (ENDING)

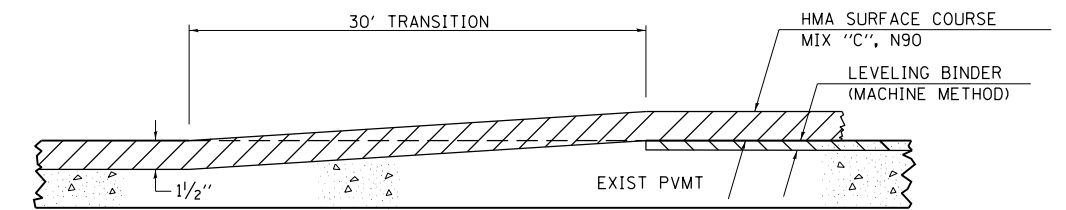
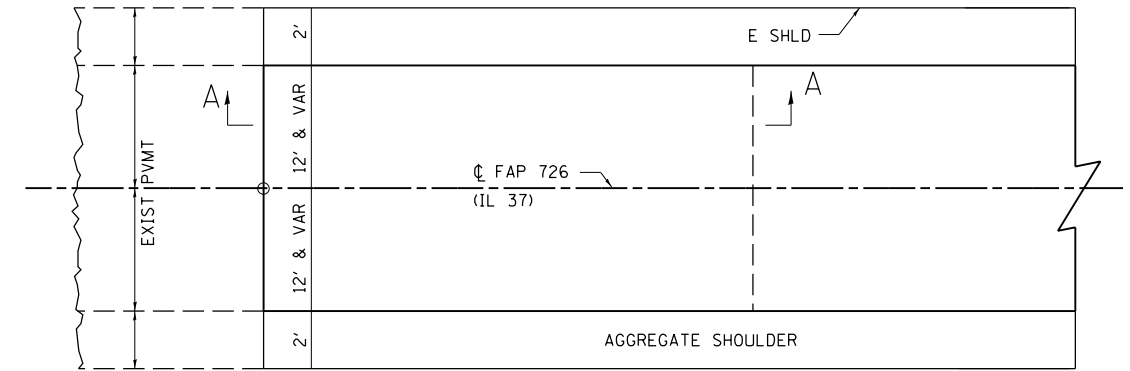
STA 1724+56 &
STA 1723+75



SECTION A-A

TRANSITION DETAIL

TRANSITION TO INLAY SECTIONS - SEE RESURFACING SCHEDULE FOR LOCATIONS



SECTION A-A

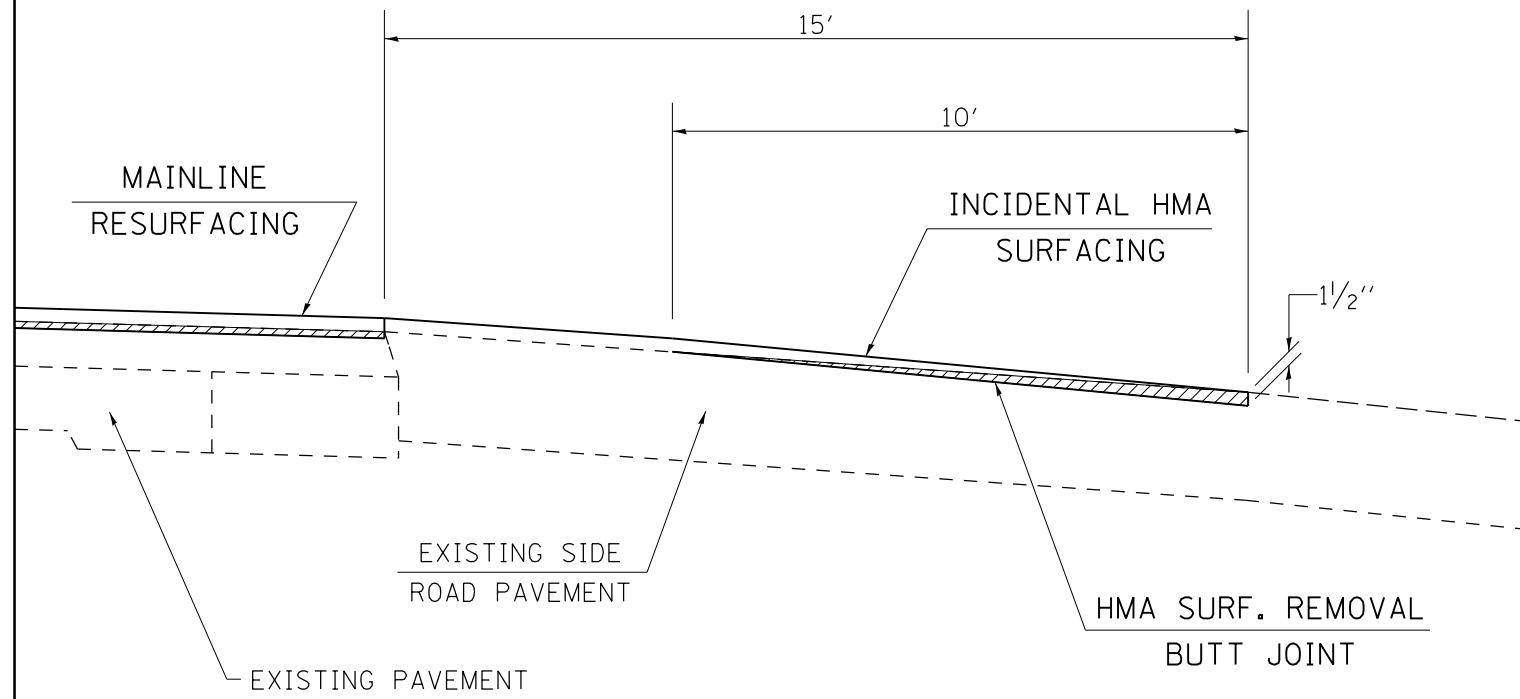
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 7/2/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

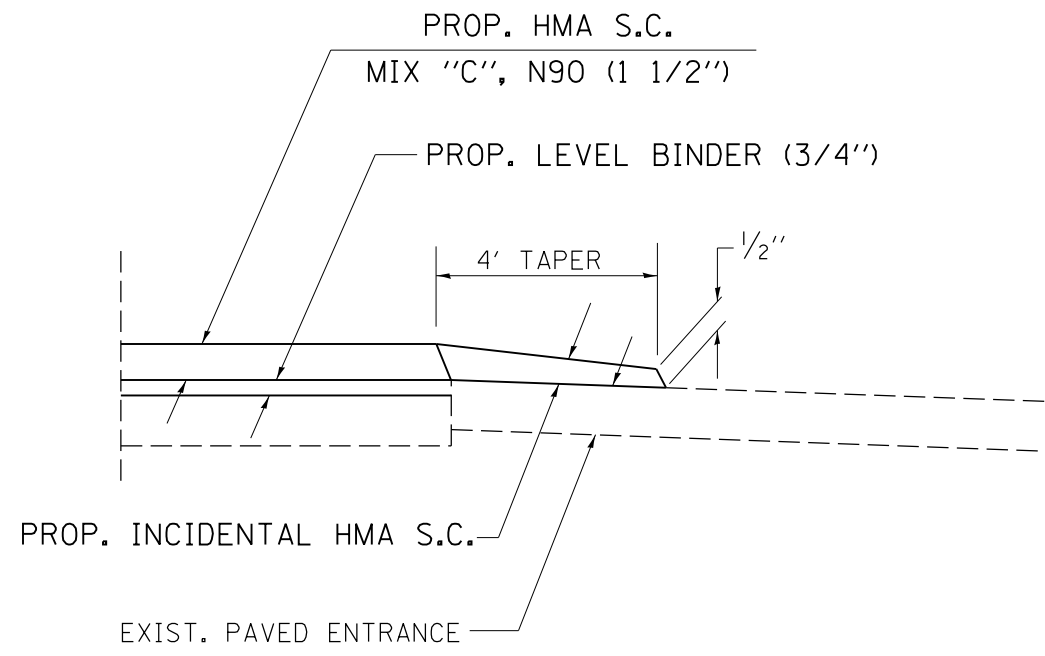
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	116RS-5,12ORS-6	PULASKI	17	15
CONTRACT NO.			78435	
ILLINOIS FED. AID PROJECT				

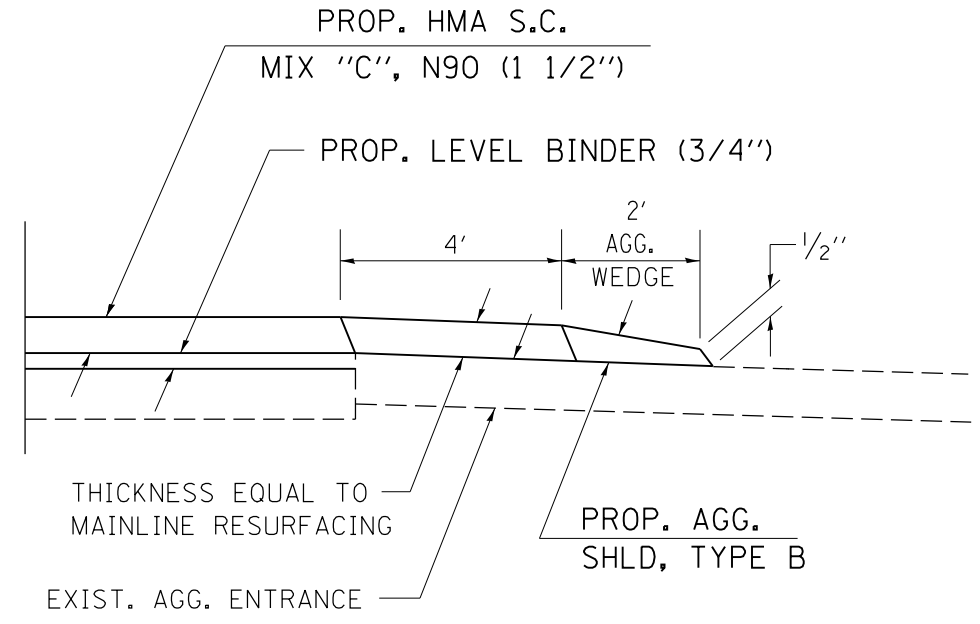
SIDE ROAD DETAIL



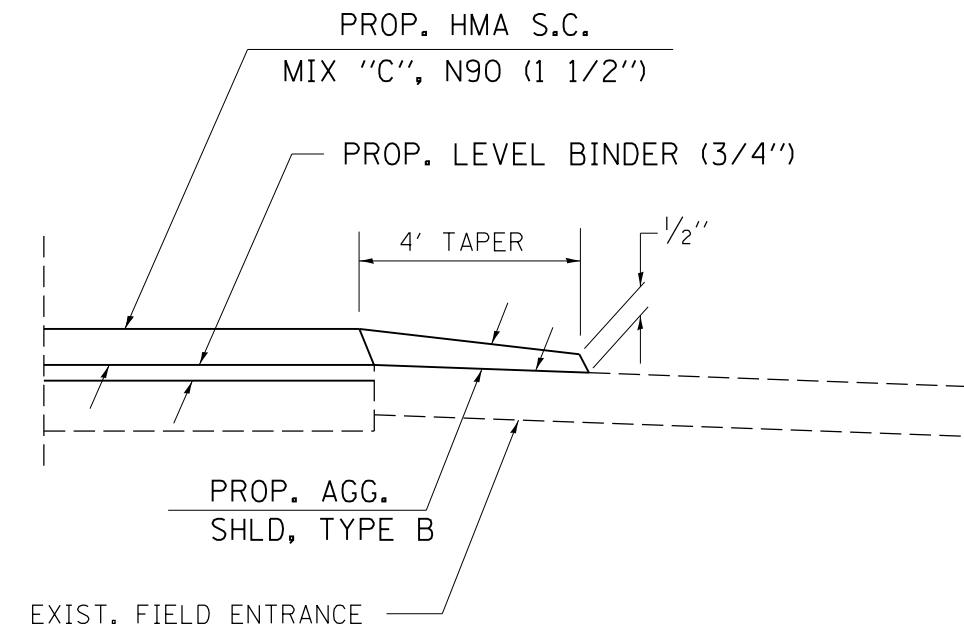
HMA, PCC, OR OIL & CHIP PRIVATE OR COMMERCIAL ENTRANCE



AGG. PRIVATE OR COMMERCIAL ENTRANCE



AGG. OR EARTH FIELD ENTRANCE

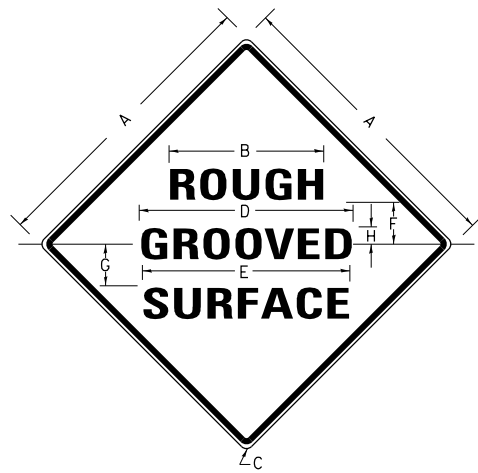


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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 7/2/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
726	116RS-5,12ORS-6	PULASKI	17	16		
			CONTRACT NO. 78435		ILLINOIS FED. AID PROJECT	

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.

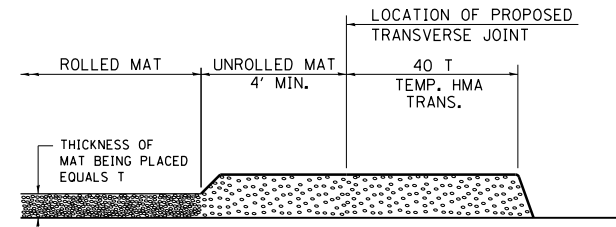
IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

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

STD. 9-39

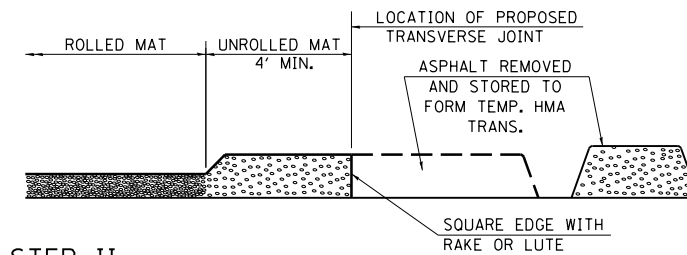
REVISIONS	
REDRAWN	2-15-89
REVISED	4-6-93
REVISED	3-27-08
REVIEWED	5-17-13

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



STEP I

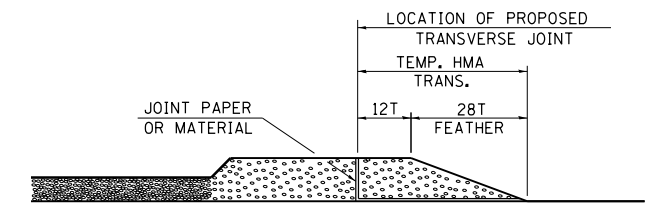
1. PLACE HOT-MIX ASPHALT MAT, LENGTH 40 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



STEP II

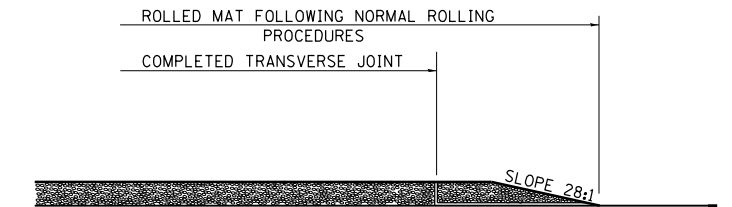
1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.

STD. 9-39



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 IV

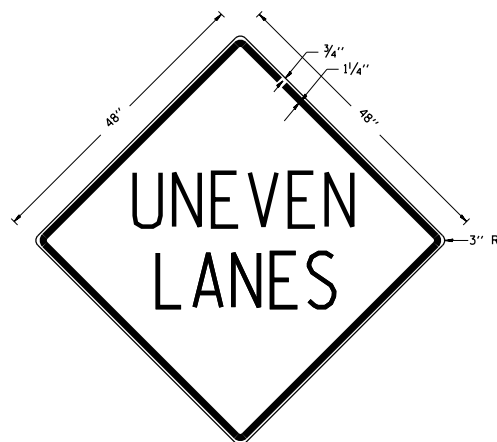
1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE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

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.

STD. 9-41

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

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 7/2/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
726	116RS-5,120RS-6	PULASKI	17	17
				CONTRACT NO. 78435
ILLINOIS FED. AID PROJECT				