

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	8RS-3	PERRY	20	1
		ILLINOIS	CONTRACT NO. 78638	

D-99-627-18



PROPOSED HIGHWAY PLANS

FAP 42 ROUTE IL 127
SECTION 8RS-3
PROJECT NHPP-8Z77(544)
PATCHING AND RESURFACING
PERRY COUNTY

C-99-053-18

FOR INDEX OF SHEETS, SEE SHEET NO. 3

FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 6-8

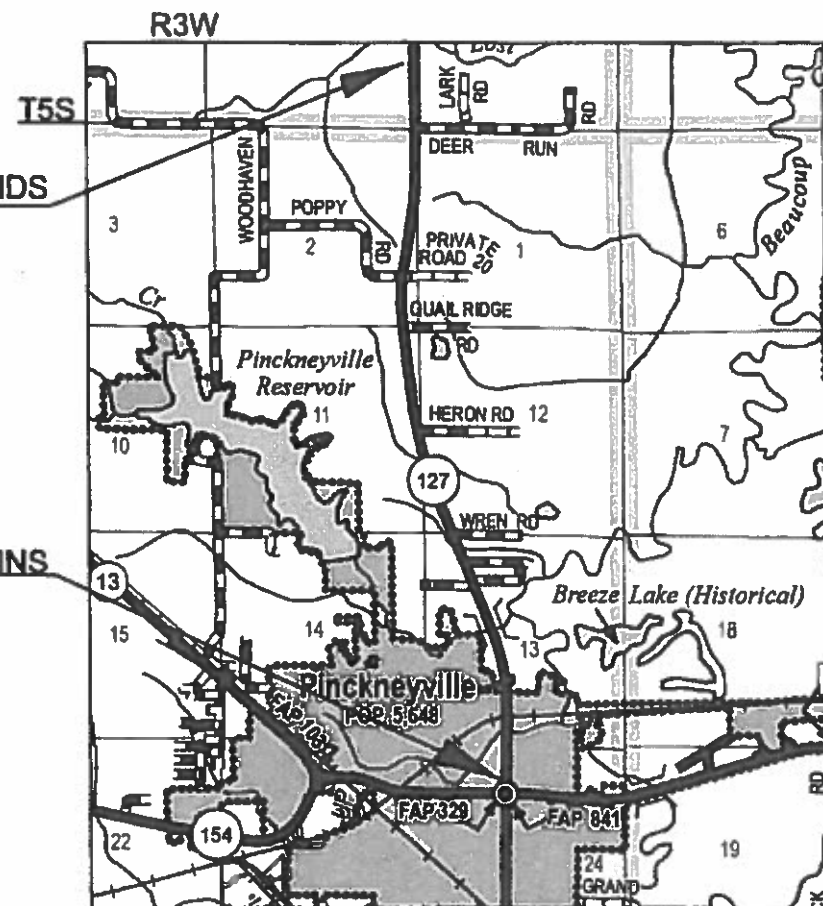
TRAFFIC DATA

2017 ADT 4,700 WITH 19% TRUCKS

TOWNSHIPS
PINCKNEYVILLE

STA. 190+27 PROJECT ENDS

STA. 0+00 PROJECT BEGINS



DESIGN DESIGNATION : NA

COORDINATE SYSTEM : ILLINOIS EAST

POSTED SPEED : 30 - 55 MPH

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-492-0123
OR 811

PROJECT ENGINEER SUSAN POE
PROJECT DESIGNER JOHN ROBINSON

CONTRACT NO. 78638

GROSS LENGTH = 19,027.00 FT. = 3.603 MILES
NET LENGTH = 18,017.48 FT. = 3.601 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 0603-2019
[Signature]
REGION FIVE ENGINEER

June 14 2019
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

June 14 2019
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

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Prepared By: Charles Stein
DISTRICT STUDIES & PLANS ENGINEER

Examined By: _____
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Carrie Miller
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Kevin [Signature]
DISTRICT OPERATIONS ENGINEER

Examined By: [Signature]
DISTRICT PROJECT IMPLEMENTATION ENGINEER

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

Examined By: [Signature]
DISTRICT MATERIALS ENGINEER

USER NAME = robinsonjc	DESIGNED -	REVISED -
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PLOT DATE = 5/31/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNATURE SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	BRS-3	PERRY	20	2
CONTRACT NO. 7863B				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

FACTORS USED FOR QUANTITY CALCULATIONS ARE AS FOLLOWS:

ALL HOT MIX ASPHALT 2.016 TONS/CU. YD.

THE THICKNESS OF HOT MIX ASPHALT MIXTURE 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 MIXTURE IS PLACED.

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

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 EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE 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 LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.

AFTER A LIFT OF HOT MIX ASPHALT HAS BEEN PLACED, THE LANE SHALL REMAIN CLOSED TO TRAFFIC UNTIL THE NEW MAT HAS COOLED TO 150 DEGREES FAHRENHEIT.

CONTRACTOR SHALL COMPLETE ALL PATCHING PRIOR TO THE HOT MIX ASPHALT SURFACE REMOVAL.

REVISE STANDARD SPECIFICATIONS ARTICLE 107.12, PARAGRAPH 5, LAST SENTENCE TO READ: 'ALL OTHER RAILROAD FLAGGER COSTS WILL BE INCURRED BY THE DEPARTMENT ACCORDING TO ARTICLE 109.05.'

A CONTRACTOR'S RIGHT-OF-ENTRY PERMIT IS REQUIRED BEFORE ANY WORK CAN COMMENCE ON RAILROAD PROPERTY. THE COST TO OBTAIN THIS PERMIT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED 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 IN. TALL, OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

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.

AT STRUCTURE 073-0021 A 1/4" X 3/4" SAWCUT FILLED WITH RELIEF JOINT SEALER OVER THE BACK OF BOTH ABUTMENTS SHALL BE INSTALLED AS PER STANDARD SPEC 588.

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	USER NAME = robinsonjc PLOT SCALE = 100.0000 ' / in. PLOT DATE = 6/3/2019	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	SCALE: SHEET OF SHEETS STA. TO STA.	F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 42 BRS-3 PERRY 20 4 CONTRACT NO. 78638
ILLINOIS FED. AID PROJECT							

MIXTURE DESIGN

Locations	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix D, N70
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm
Friction Aggregate:	D Surface
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCP
Sublot Size:	TBD

Locations	Hot-Mix Asphalt Shoulders
Mixture Use(s):	Hot-Mix Asphalt Surface Course, N30, IL-9.5L
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 30 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5L
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	NA

MIXTURE DESIGN

Locations	Pavement Patching
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N70, IL-19.0
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	NA

Locations	Hot-Mix Asphalt Leveling Binder
Mixture Use(s):	Hot-Mix Asphalt Leveling Binder, N70, IL-9.5 Fine
AC/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5 Fine Graded
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCP
Sublot Size:	TBD

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PLOT DATE = 6/3/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MIXTURE DESIGN	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	BRS-3	PERRY	20	5
			CONTRACT NO. 78638	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

COUNTY:	PERRY CO
ROUTE:	IL 14
FUNDING:	80% FED / 20% STATE
LOCATION:	RURAL
TOTAL QUANTITY	ROADWAY
	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	51,416	51,416
40600637	LEVELING BINDER (MACHINE METHOD), 1L-9.5FG, N70	TON	2,204	2,204
40600990	TEMPORARY RAMP	SO YD	139	139
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	4,420	4,420
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	222	222
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	87,793	87,793
48203100	HOT-MIX ASPHALT SHOULDERS	TON	4,456	4,456
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3
67100100	MOBILIZATION	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
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28

REV. - MS

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PLOT DATE = 6/3/2019	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	BRS-3	PERRY	20	6
CONTRACT NO. 78638				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

COUNTY:	PERRY CO
ROUTE:	IL 14
FUNDING:	80% FED / 20% STATE
LOCATION:	RURAL
TOTAL QUANTITY	ROADWAY
	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY
70300100	SHORT TERM PAVEMENT MARKING	FOOT	9,534	9,534
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	3,178	3,178
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	122	122
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	47,684	47,684
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	72	72
78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	122	122
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	47,684	47,684
78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	72	72
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	238	238
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	238	238
X4406245	PARTIAL DEPTH REMOVAL, TYPE II, 4.5"	SO YD	49	49
X4406445	PARTIAL DEPTH REMOVAL, TYPE III, 4.5"	SO YD	338	338

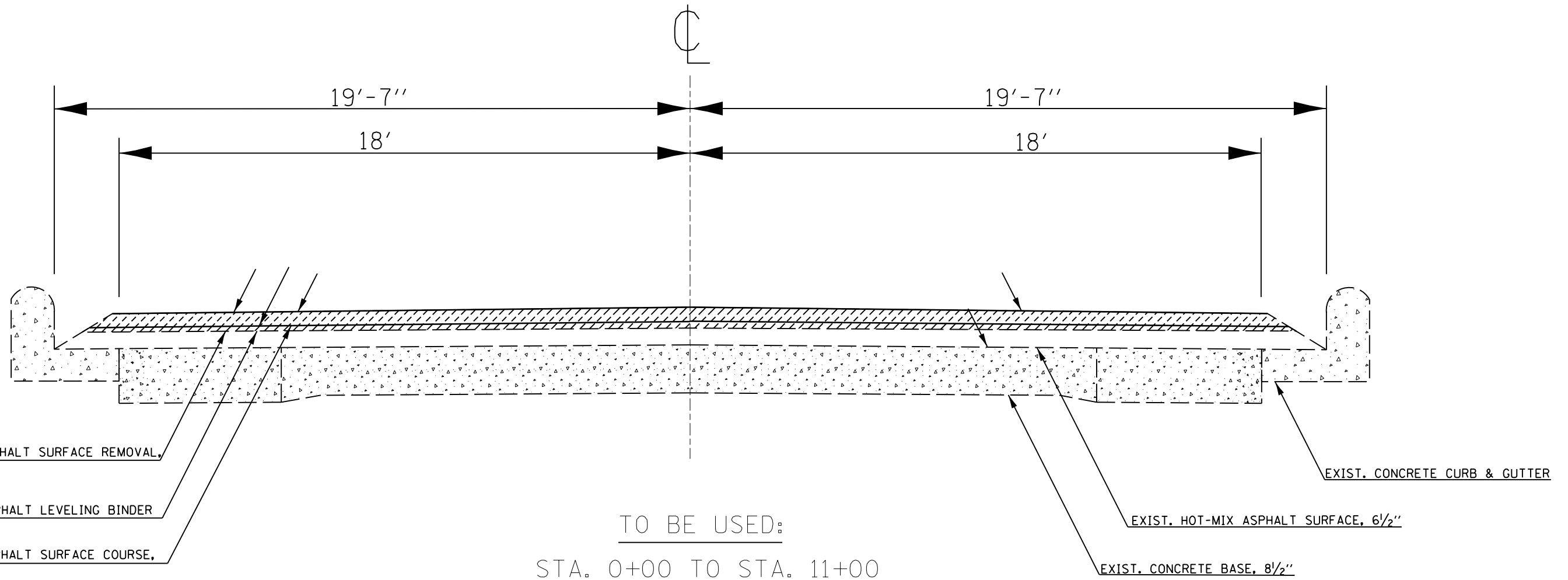
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TYPICAL SECTION

IL 127 (FAP 42)



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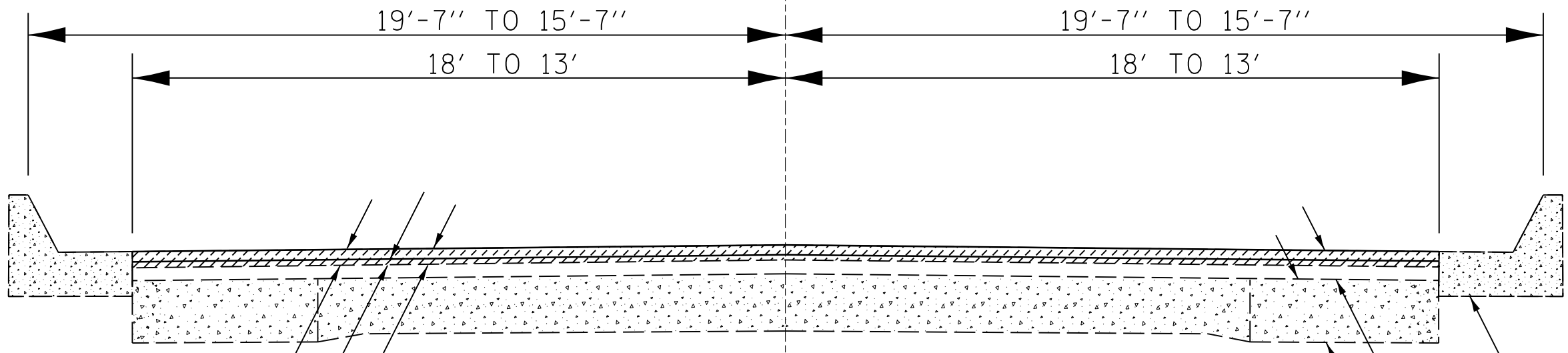
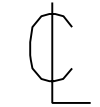
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 42	SECTION BRS-3	COUNTY PERRY	TOTAL SHEETS 20	SHEET NO. 9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78638	

TYPICAL SECTION

IL 127 (FAP 42)



PROP. HOT-MIX ASPHALT SURFACE REMOVAL
(2 1/4")

PROP. HOT-MIX ASPHALT LEVELING BINDER
3/4"

PROP. HOT-MIX ASPHALT SURFACE COURSE,
MIX D,N70,(1 1/2")

EXIST. CONCRETE CURB & GUTTER

EXIST. HOT-MIX ASPHALT SURFACE, 6 1/2"

EXIST. CONCRETE BASE, 9"

TO BE USED:

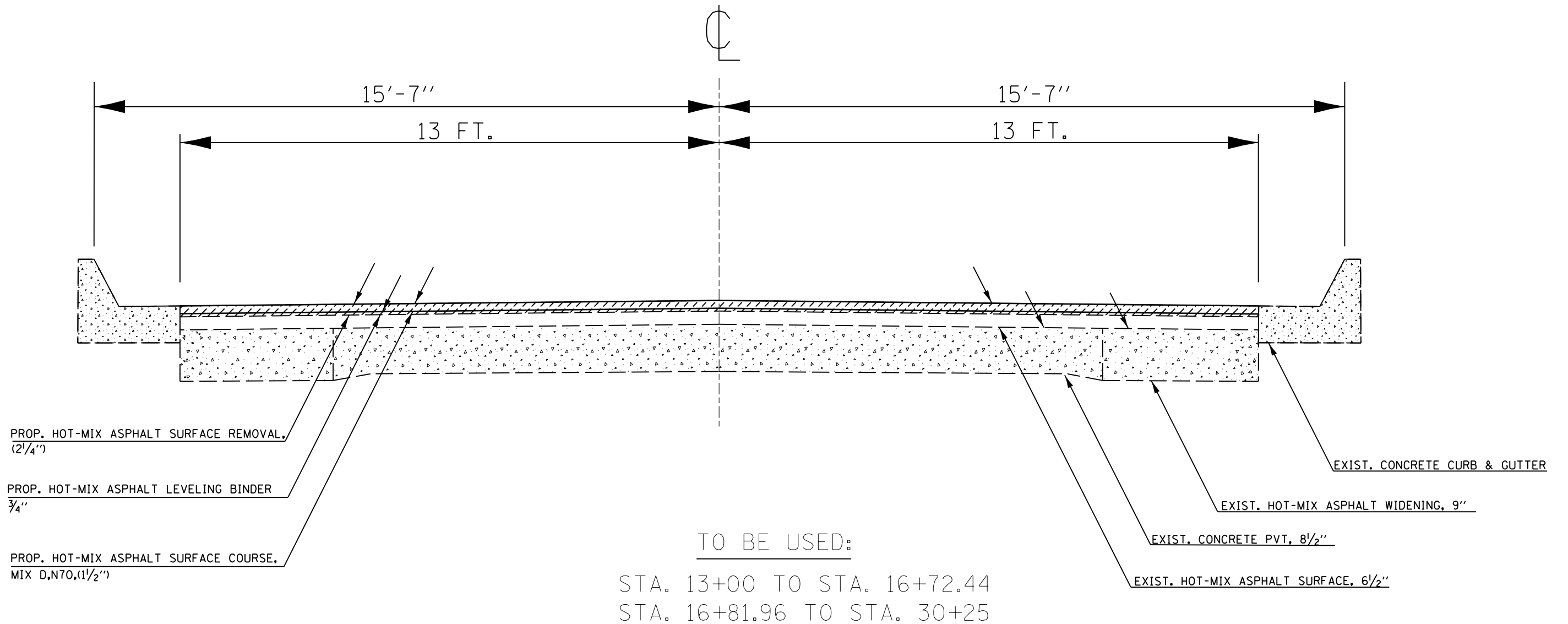
STA. 11+00 TO STA. 13+00

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TYPICAL SECTION

IL 127 (FAP 42)



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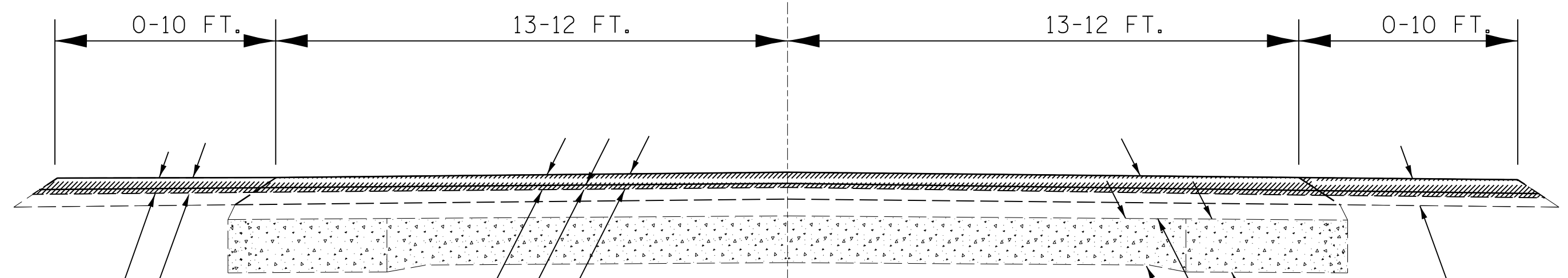
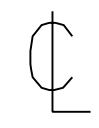
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION	
SCALE:	SHEET OF SHEETS
STA. 60+57	TO STA. 172+54

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	BRS-3	PERRY	20	11
CONTRACT NO. 78638				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION

IL 127 (FAP 42)



PROP. HMA SURFACE REMOVAL,
2 1/4"

PROP. SHOULDER HMA SHOULDERS,
2 1/4"

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

PROP. HOT-MIX ASPHALT LEVELING BINDER,
3/4"

PROP. HOT-MIX ASPHALT SURFACE COURSE,
MIX D,N70, 1 1/2"

EXIST. HMA SHOULDER, 8"

EXIST. CONCRETE WIDENING 9"

EXIST. HOT-MIX ASPHALT SURFACE, 10 1/2"

EXIST. CONCRETE PVT, 7 1/2"

TO BE USED:
STA. 30+25 TO STA. 31+00

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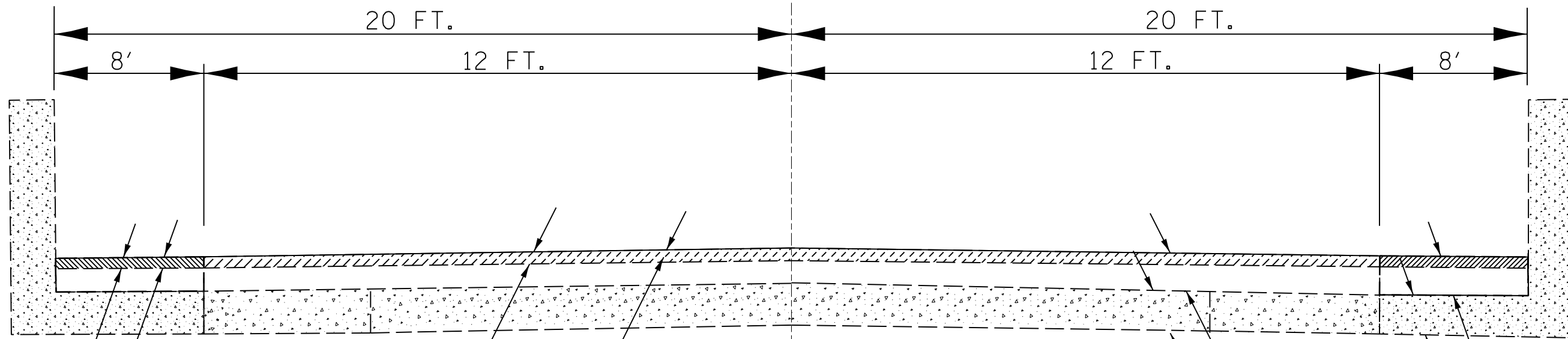
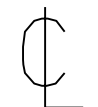
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	BRS-3	PERRY	20	12
CONTRACT NO. 78638				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION

IL 127 (FAP 42)



PROP. HMA SURFACE REMOVAL,
1 1/2"

PROP. HMA SHOULDERS,
1 1/2"

PROP. HOT-MIX ASPHALT SURFACE REMOVAL
1 1/2"

PROP. HOT-MIX ASPHALT SURFACE COURSE,
MIX D,N70,(1 1/2")

TO BE USED:
STA. 40+90 TO STA. 41+40

EXIST. HOT-MIX ASPHALT SURFACE,
AND WATERPROOFING

EXIST. BRIDGE DECK

EXIST. HMA SHOULDER, 8"

EXIST. CONCRETE BRIDGE RAIL

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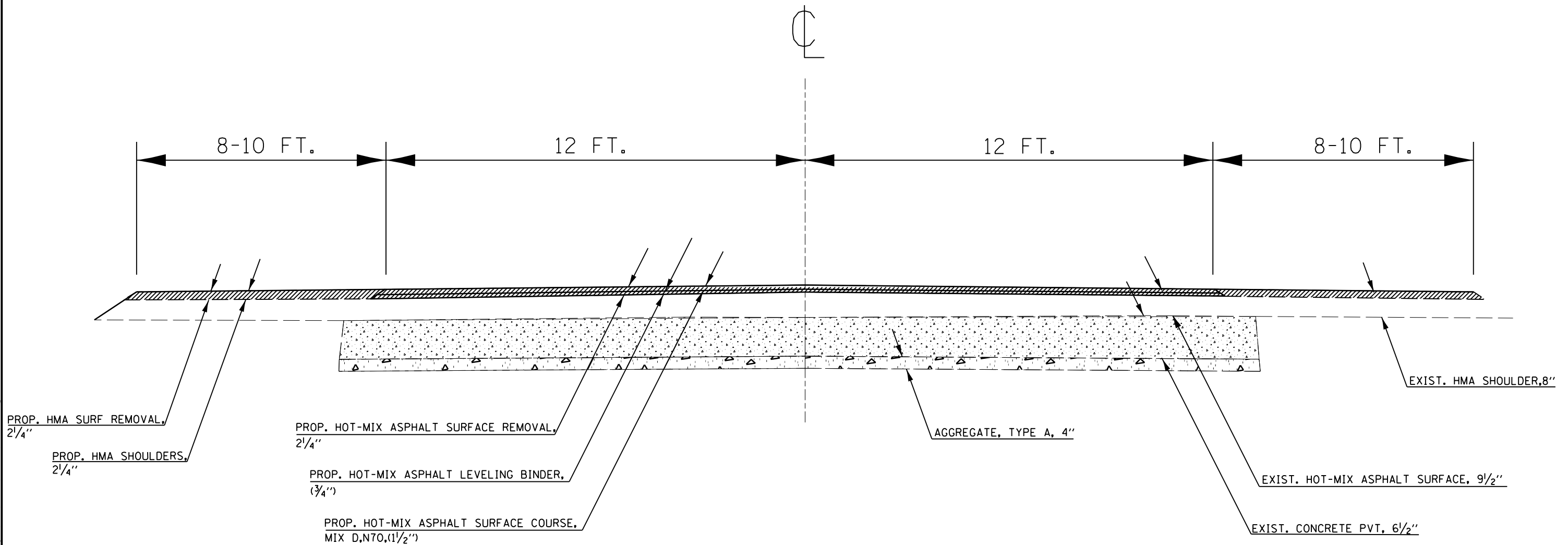
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	BRS-3	PERRY	20	13
CONTRACT NO. 78638				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION

IL 127 (FAP 42)



TO BE USED:

STA. 40+00 TO STA. 40+90

STA. 41+40 TO STA. 42+30

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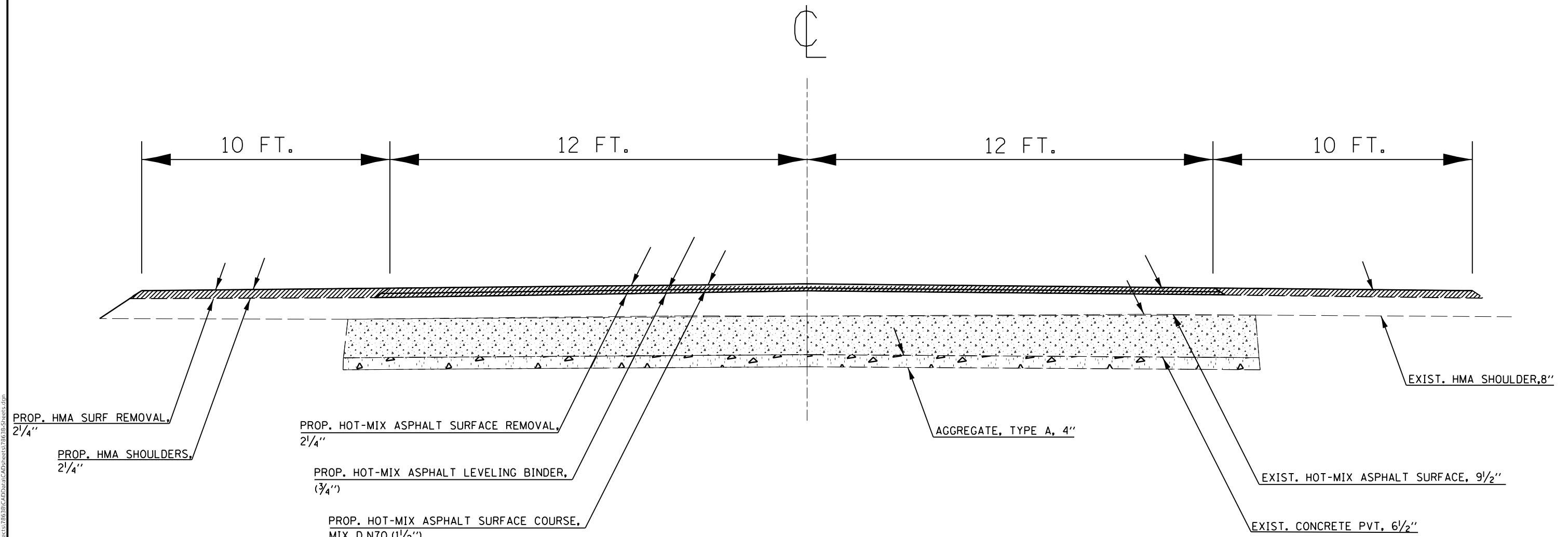
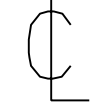
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET		OF SHEETS		STA.		TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	BRS-3	PERRY	20	14
CONTRACT NO. 78638				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION

IL 127 (FAP 42)



TO BE USED:
STA. 42+30 TO STA. 190+00

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	CHECKED - DATE -	REVISED - REVISED -		SCALE:	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 78638 ILLINOIS FED. AID PROJECT					

RESURFACING SCHEDULE

LOCATION STATION TO STATION	LENGTH	ROADWAY WIDTH @ BEG. STA.	LEFT EOP OFFSET	RIGHT EOP OFFSET	ROADWAY WIDTH @ END STA.	ROADWAY AREA	HMA SURFACE REMOVAL, 1 1/2"	HMA SURFACE REMOVAL, 2 1/4"	HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70	HOT-MIX ASPHALT LEVELING BINDER, N70, FINE	BITUMINOUS MATERIALS (TACK COAT)	LONGITUDINAL JOINT SEALANT	TEMP RAMP
	FOOT	FOOT	FOOT	FOOT	FOOT	SQ YD	SQ YD	SQ YD	TON	TON	POUND	FEET	SQ YD
ILLINOIS 127 (FAP 42)													
0+00 TO 11+00	1100.00	36.0	18	18	36.0	4400.00		4,400	370	185	2970	1100	
11+00 TO 12+00	100.00	36.0	18 TO 14	18 TO 14	28.0	355.56		356	30	15	240	100	
12+00 TO 13+00	100.00	28.0	14 TO 13	14 TO 13	26.0	300.00		300	25	13	203	100	
13+00 TO 16+72.44	372.44	26.0	13	13	26.0	1075.94		1,076	90	45	726	372	
16+81.96 TO 30+25	1343.04	26.0	13	13	26.0	3879.89		3,880	326	163	2619	1343	
30+25 TO 31+00	75.00	26.0	13 TO 12	13 TO 12	24.0	208.33		208	18	9	141	75	
31+00 TO 40+90	990.00	24.0	12	12	24.0	2640.00		2,640	222	111	1782	990	
40+90 TO 41+40	50.00	24.0	12	12	24.0	133.33	133		11		60	50	
41+40 TO 190+00	14860.00	24.0	12	12	24.0	39626.67		39,627	3329	1664	26748	14860	
0+00 TO 190+00													139
TOTAL							133	52,486	4,420	2,204	35,488	18,990	139

SHOULDER SCHEDULE

LOCATION STATION TO STATION	LENGTH	SHOULDER WIDTH @ BEG. STA.	SHOULDER WIDTH @ END STA.	SHOULDER AREA	HMA SURFACE REMOVAL, 1 1/2"	HMA SURFACE REMOVAL, 2 1/4"	HOT-MIX ASPHALT SHOULDERS	BITUMINOUS MATERIALS (TACK COAT)	REMARKS
	FOOT	FOOT		SQ YD	SQ YD	SQ YD	TON	POUND	
ILLINOIS 127 (FAP 42)									
30+35 TO 30+55	20.00	1.0	10.0	24.44		24	3	11	LEFT AND RIGHT
30+55 TO 40+00	945.00	10.0	10.0	2100.00		2,100	265	945	LEFT AND RIGHT
40+00 TO 40+90	90.00	10.0	8.0	180.00		180	23	81	LEFT AND RIGHT
40+90 TO 41+40	50.00	8.0	8.0	88.89	89		7	40	LEFT AND RIGHT
41+40 TO 42+30	90.00	8.0	10.0	180.00		180	23	81	LEFT AND RIGHT
42+30 TO 190+00	14770.00	10.0	10.0	32822.22		32,822	4136	14770	LEFT AND RIGHT
TOTAL					89	35,307	4,456	15,928	

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USER NAME = robinsonjc	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 127 (FAP 42) MAINLINE AND SHOULDERS RESURFACING SCHEDULE	F.A.P. RTE. 42	SECTION BRS-3	COUNTY PERRY	TOTAL SHEETS 20	SHEET NO. 16	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 78638					
PLOT DATE = 6/3/2019	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET OF SHEETS	STA. TO STA.			

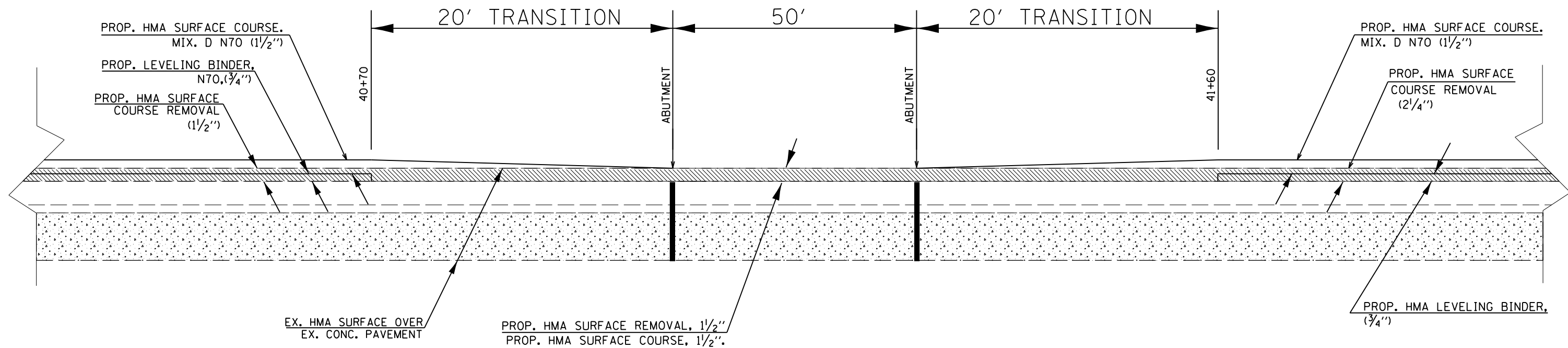
PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	LENGTH	MODIFIED URETHANE PAVEMENT MARKING					REMARKS
		LINE 4"			LINE 24"	LETTERS & SYMBOLS	
		YELLOW		WHITE			
		SINGLE SOLID FOOT	SKIP DASH FOOT	SOLID FOOT	SO. FT		
ILLINOIS 127 (FAP 42)							
0+00 TO 12+65	1265		316				
12+65 TO 16+77	412	412	103				NO PASSING NORTHBOUND
14+32					24	61	RAILROAD MARKINGS
16+60					12		STOP BAR
16+77 TO 18+91	214	428					DOUBLE NO PASSING
16+91					12		STOP BAR
18+91 TO 24+73	582	582	146				NO PASSING SOUTHBOUND
20+22					24	61	RAILROAD MARKINGS
24+73 TO 28+00	327		82				
28+00 TO 30+25	225		56				
30+25 TO 48+68	1843		461	3686			
48+68 TO 56+60	792	792	198	1584			NO PASSING NORTHBOUND
56+60 TO 58+87	227		57	454			
58+87 TO 65+68	681	681	170	1362			NO PASSING SOUTHBOUND
65+68 TO 67+95	227	454		454			DOUBLE NO PASSING
67+95 TO 77+45	950	950	238	1900			NO PASSING NORTHBOUND
77+45 TO 87+17.	972	972	243	1944			NO PASSING SOUTHBOUND
87+17. TO 88+91	174		44	348			
88+91 TO 95+30	639	639	160	1278			NO PASSING NORTHBOUND
95+30 TO 99+74	444		111	888			
99+74 TO 104+92	518	518	130	1036			NO PASSING SOUTHBOUND
104+92 TO 131+36	2644		661	5288			
131+36 TO 142+03	1067	1067	267	2134			NO PASSING NORTHBOUND
142+03 TO 144+40	237	474		474			DOUBLE NO PASSING
144+40 TO 155+07	1067	1067	267	2134			NO PASSING SOUTHBOUND
155+07 TO 155+49	42		11	84			
155+49 TO 162+09	660	660	165	1320			NO PASSING NORTHBOUND
162+09 TO 166+11	402		101	804			
166+11 TO 172+13	602	602	151	1204			NO PASSING SOUTHBOUND
172+13 TO 179+62	749		187	1498			
179+62 TO 188+17	855	855	214	1710			NO PASSING NORTHBOUND
188+17 TO 190+00	183		46	366			
SUB-TOTALS		11153	4581	31950			
SHEET TOTALS			47684		72	122	

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USER NAME = robinsonjc	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SCHEDULE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISIONS -	42					BRS-3	PERRY	20	17	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET	OF SHEETS	STA.	TO STA.	CONTRACT NO. 78638		
PLOT DATE = 6/3/2019	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

DETAILS FOR HMA TRANSITION AT SN 073-0021



TO BE USED:
STA. 40+70 TO STA. 41+60

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USER NAME = robinsonjc	DESIGNED -	REVISED -
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PLOT DATE = 6/3/2019	CHECKED -	REVISED -
	DATE -	REVISED -

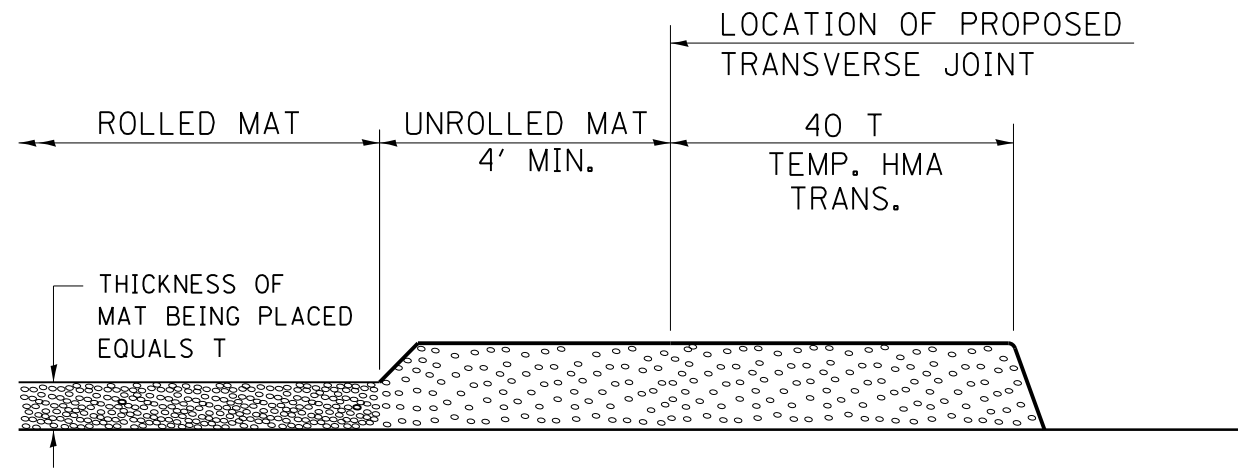
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS FOR HOT-MIX ASPHALT TRANSITION

SCALE: SHEET OF SHEETS STA. TO STA.

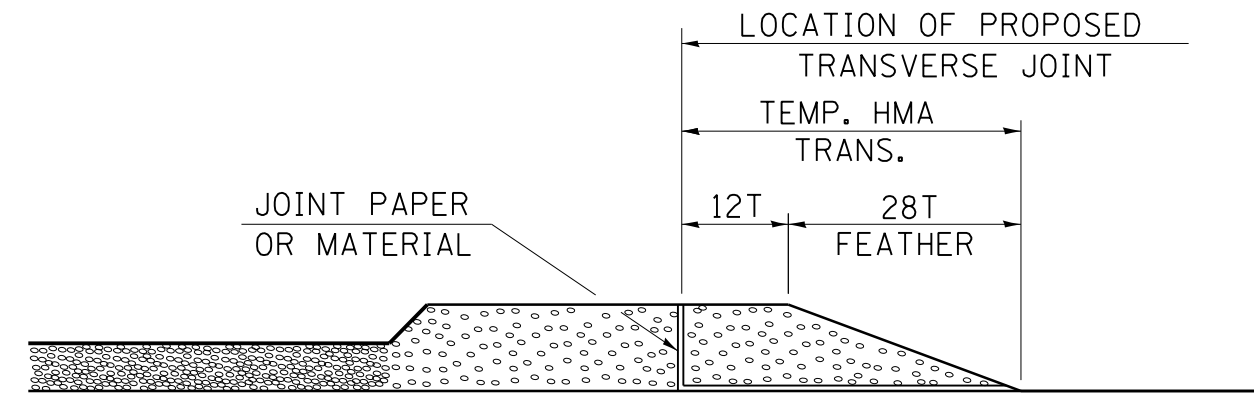
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	BRS-3	PERRY	20	18
CONTRACT NO. 78638				
ILLINOIS FED. AID PROJECT				

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



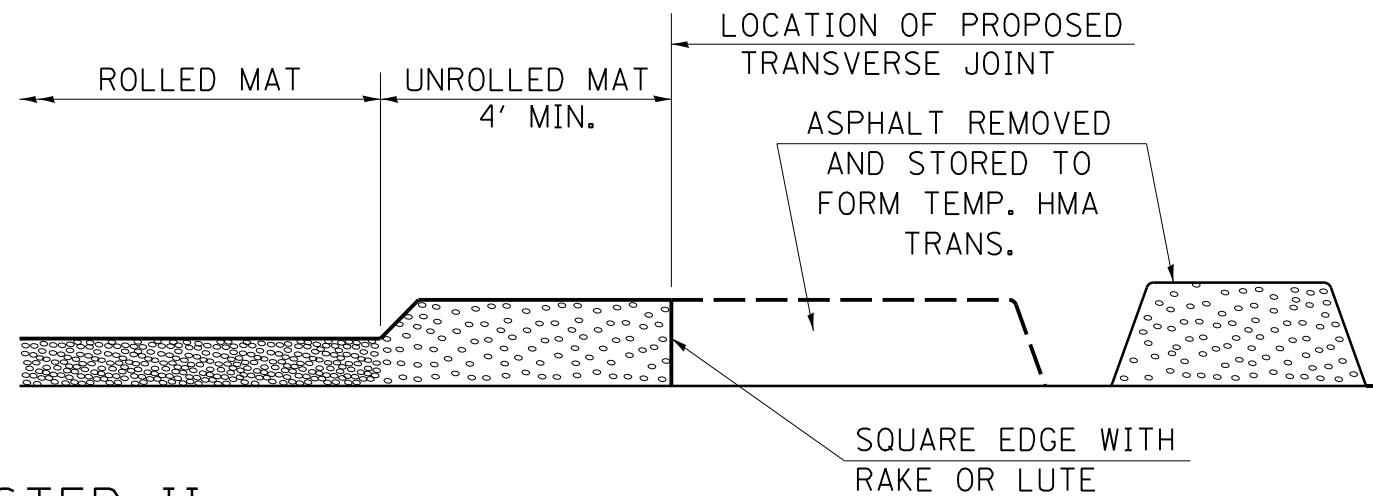
STEP I

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.



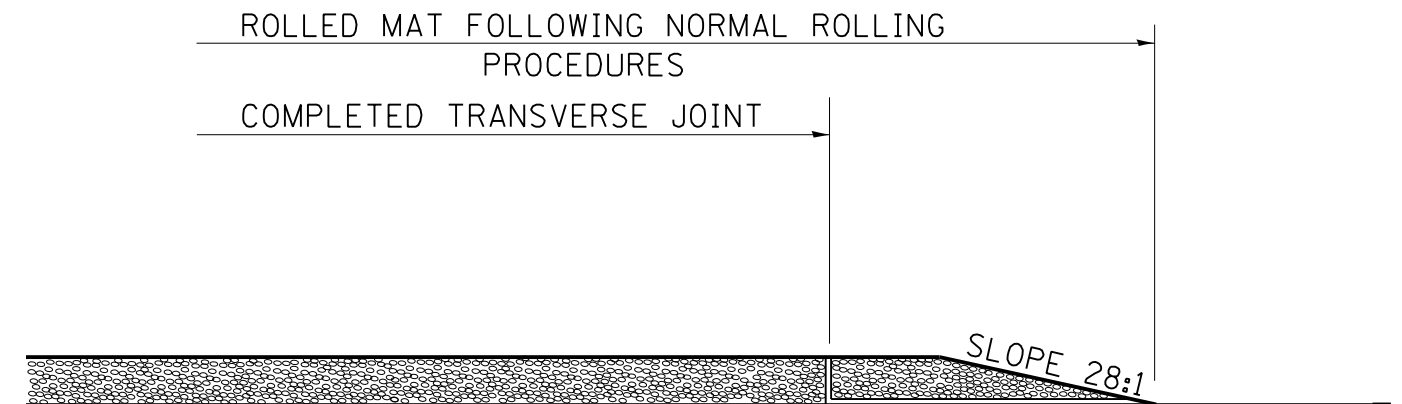
STEP III

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

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 PLOT DATE: 6/3/2019

USER NAME = robinsonjc	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/3/2019	CHECKED -	REVISED -
	DATE -	REVISED -

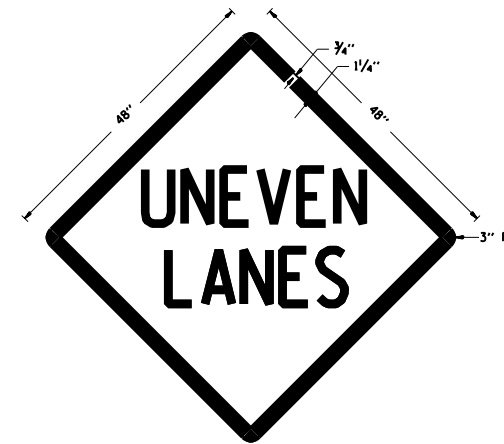
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY HOT-MIX ASPHALT TRANSITION	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BRS-3	PERRY	20	19
CONTRACT NO. 78638				
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.

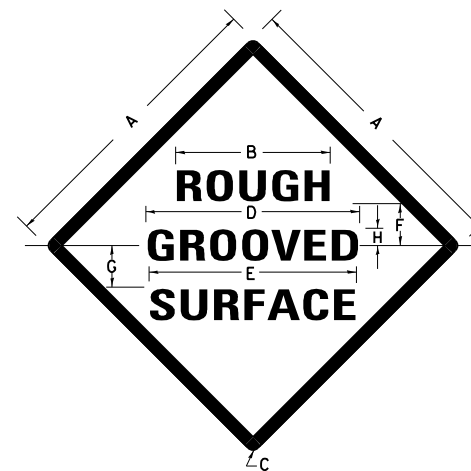
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS

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

STD. 9-41

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

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USER NAME = robinsonjc	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/3/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UNEVEN LANE SIGN DETAIL AND ROUGH GROOVED SURFACE SIGNS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	BRS-3	PERRY	20	20
CONTRACT NO. 78638				
ILLINOIS FED. AID PROJECT				