

062

07-12-2019 LETTING ITEM 062

F.A.P. REG.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	1103,16,15,14,13RS-5	PERRY	18	1
		ILLINOIS	CONTRACT NO. 78607	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

FAP 42 (IL 13/27)
SECTION (103,16,15,14,13)RS-5
PROJECT NHPP-SJZX(785)
PATCHING AND RESURFACING
PERRY COUNTY

D-99-061-17



FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 7-9
FOR TRAFFIC DATA, SEE SHEET NO. 4

TOWNSHIPS
PINCKNEYVILLE

OMISSIONS
SN 073-0010:
STA. 781 + 52.60 TO STA. 787 + 18.60
SN 073-0032:
STA. 1128 + 73 TO STA. 1130 + 65

STATION EQUATIONS

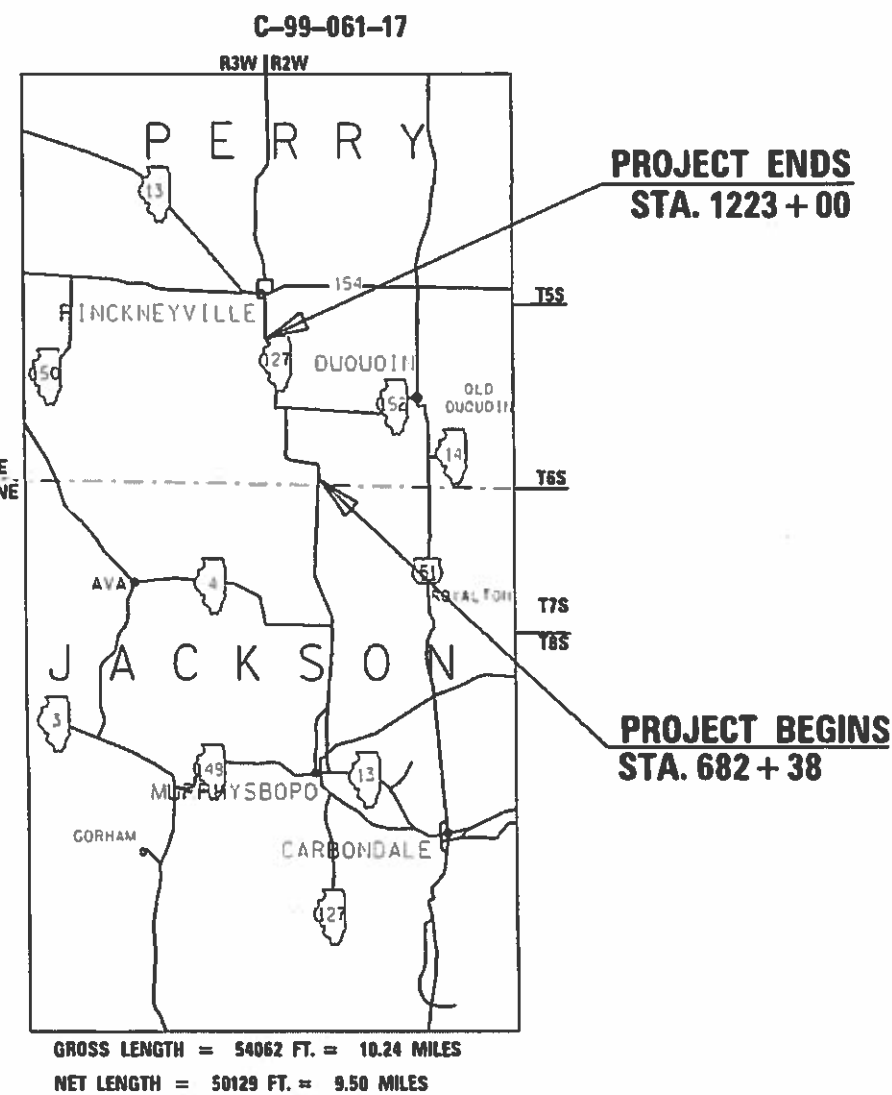
- 869 + 09.70 BK = 869 + 00 AH
- 983 + 76.90 BK = 1015 + 60 AH
- 1080 + 67.40 BK = 1080 + 69.30 AH
- 1136 + 98.20 BK = 1136 + 96.60 AH
- 1146 + 72.10 BK = 1146 + 73.70 AH

DESIGN DESIGNATION : N/A
COORDINATE SYSTEM : ILLINOIS WEST
POSTED SPEED : 55 MPH

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-9123
OR 811

PROJECT ENGINEER: VALERIE ROLLA
PROJECT DESIGNER: BEN DUGAS

CONTRACT NO. 78607



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 30 2019
Keith Roberts REGION FIVE ENGINEER

June 14 2019
Eric A. Eck ENGINEER OF DESIGN AND ENVIRONMENT

June 14 2019
Paul P. [Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

USER NAME = DUCASBC	DESIGNED -	REVISD -
PLOT SCALE = 100,000' / 1" / 1/4"	DRAWN -	REVISD -
PLOT DATE = 5/10/2019	CHECKED -	REVISD -
	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	SIA.	TO STA.

FAP RTE:	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
42	(103) 16, 15, 14, 13, 12, 5	PERRY	18 2
		78607	
		ILLINOIS	FED. AID PROJECT

Prepared By: *Charles Steiner*
 DISTRICT STUDIES & PLANS ENGINEER

Examined By: _____
 DISTRICT LAND ACQUISITION ENGINEER

Examined By: *Don Miller*
 DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: *Carl D. B...*
 DISTRICT OPERATIONS ENGINEER

Examined By: *STB*
 DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: *Donna J. ...*
 DISTRICT CONSTRUCTION ENGINEER

Examined By: *R...*
 DISTRICT MATERIALS ENGINEER

INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, COMMITMENTS
4	MTD RESTRICTIONS AND TRAFFIC DATA
5-6	MIX DESIGNS
7-9	SUMMARY OF QUANTITIES
10-12	TYPICAL SECTIONS
13-15	SCHEDULES
16	DETAILS: INLAY DETAIL
17	DETAILS: TEMPORARY HMA TRANSITIONS
18	DETAILS: CENTERLINE RUMBLE STRIP, UNEVEN LANE SIGN AND ROUGH GROOVED SURFACE SIGNS

HIGHWAY STANDARDS

- 000001-07 STANDARD SYMBOLS ABBREVIATIONS & PATTERNS
- 001006 DECIMAL OF INCH & FOOT
- 442201-03 CLASS C&D PATCHES
- 642006 SHOULDER RUMBLE STRIP 8IN
- 701001-02 OFF ROAD OP - 2L2W - 15 FT MIN FROM EOP
- 701006-05 OFF ROAD OP - 2L2W - 15 FT TO EOP
- 701011-04 OFF ROAD MOVING OP - 2L 2W - DAY ONLY
- 701301-04 LANE CLOSURE 2L2W - SHORT TIME OP
- 701306-04 LANE CLOSURE 2L2W - SLOW MOVING OP DAY ONLY - 45 MPH OR MORE
- 701311-03 LANE CLOSURE 2L2W - MOVING OP DAY ONLY
- 701336-07 LANE CLOSURE 2L2W - WORK AREAS IN SERIES - 45 MPH OR MORE
- 701901-08 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APP RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES

QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED WILL BE DETERMINED BY THE ENGINEER.

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

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 IS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, BINDER COURSE, AND SURFACE COURSE

ATTAINMENT OF PROPER CROWN OR SUPERELEVATION SHALL BE FULLY ACCOMPLISHED WITH THE HOT MIX ASPHALT SURFACE REMOVAL OR HOT MIX ASPHALT BINDER COURSE OR LEVELING BINDER, WHEN SPECIFIED.

AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT 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.

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.

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.

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.

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

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

THERE ARE NO AVAILABLE WASTE SITES ON THE EXISTING RIGHT OF WAY WITHIN THE PROJECT LIMITS. DISPOSAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.3 OF THE STANDARD SPECIFICATIONS

A MISCELLANEOUS QUANTITY OF AGGREGATE WEDGE SHOULDER TY B HAS BEEN ADDED TO CONTRACT TO BE USED WHERE NEEDED AS DIRECTED BY THE RESIDENT ENGINEER

COMMITMENTS

NONE

REV. - MS

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USER NAME = DUGASBC	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, COMMITMENTS	F.A.P. RTE. 42	SECTION (103,16,15,14,13)RS-5	COUNTY PERRY	TOTAL SHEETS 18	SHEET NO. 3	
PLOT SCALE = 100.0000' / in.	CHECKED - _____	REVISED - _____			SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 78607		
PLOT DATE = 5/30/2019	DATE - _____	REVISED - _____			ILLINOIS FED. AID PROJECT					

MTD CROSSING RESTRICTIONS TABLE

STRUCTURE NUMBER ROUTE (IL 13/127)	EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT	MTD CROSSING RESTRICTIONS
	FOOT	FOOT	
073-7027	2.5	1'	NONE
073-7079	5.5	1'	NONE
073-0032	N/A	N/A	EMPTIED
073-7026	2.5	1'	NONE
073-7078	2	1'	NONE
073-2004	3	1'	EMPTIED
073-0010	N/A	N/A	EMPTIED
073-7025	2.5	1'	NONE
073-2003	3	1'	EMPTIED
073-7077	2	1'	NONE
073-0031	N/A	N/A	EMPTIED

TRAFFIC DATA				
FAP 42 (IL 13/127)	LOC A:	LOC B:	LOC C:	LOC D:
M.P.	(9.89-11.31)	(11.31-14.44)	(14.44-15.16)	(15.16-17.29)
<u>(2019)</u>				
PV =	5,100	4,695	4,930	3,625
SU =	280	460	155	110
MU =	280	305	165	195
ADT =	5,660	5,460	5,250	3,930
<u>(2039)</u>				
PV =	6,230	5,725	6,025	4,420
SU =	340	560	185	135
MU =	340	375	200	235
ADT =	6,910	6,660	6,410	4,790
FAP 42 IL (13/127)	LOC A:	LOC B:		
M.P.	(17.29-18.94)	(18.94-19.95)		
<u>(2019)</u>				
PV =	3,405	3,820		
SU =	220	155		
MU =	205	255		
ADT =	3,830	4,230		
<u>(2039)</u>				
PV =	4,150	4,675		
SU =	270	185		
MU =	250	310		
ADT =	4,670	5,170		

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 PLOT DATE = 6/12/2019

HMA MIXTURE REQUIREMENTS TABLES

The following HMA mixture requirements are applicable for this project

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

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

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SUMMARY OF QUANTITIES

PERRY CO
FAP 42 (IL 13/127)
80% FED / 20% STATE
RURAL
ROADWAY
0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	126,863
40600637	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	TON	8,414
40600990	TEMPORARY RAMP	SQ YD	128
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	11,390
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	178,944
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	1,500
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SQ YD	100
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	500
48203100	HOT-MIX ASPHALT SHOULDERS	TON	5,553
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	98,511
67100100	MOBILIZATION	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1

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PLOT DATE = 5/31/2019	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	(103,16,15,14,13)RS-5	PERRY	18	7
CONTRACT NO. 78607				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

PERRY CO
FAP 42 (IL 13/127)
80% FED / 20% STATE
RURAL
ROADWAY
0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28
70300100	SHORT TERM PAVEMENT MARKING	FOOT	14,998
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	5,006
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	73
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	138,135
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	420
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	73
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	138,125
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	420
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	630
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	630

* SPECIALTY ITEM

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PLOT DATE = 5/31/2019	DATE - _____	REVISED - _____

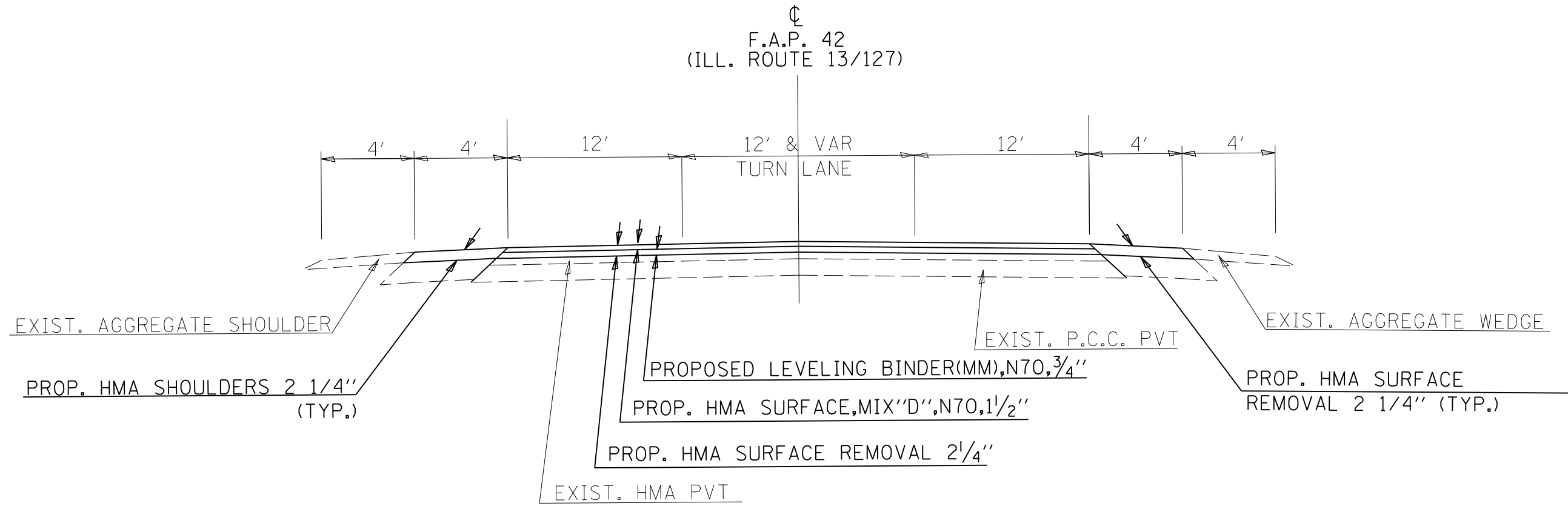
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
CONTINUED**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	(103,16,15,14,13)RS-5	PERRY	18	8
CONTRACT NO. 78607				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION



TO BE USED:
 STA. 927+50 TO STA. 940+60

LONGITUDINAL JOINT SEALANT SHALL BE APPLIED
 UNDER THE SURFACE COURSE AT THE CENTERLINE

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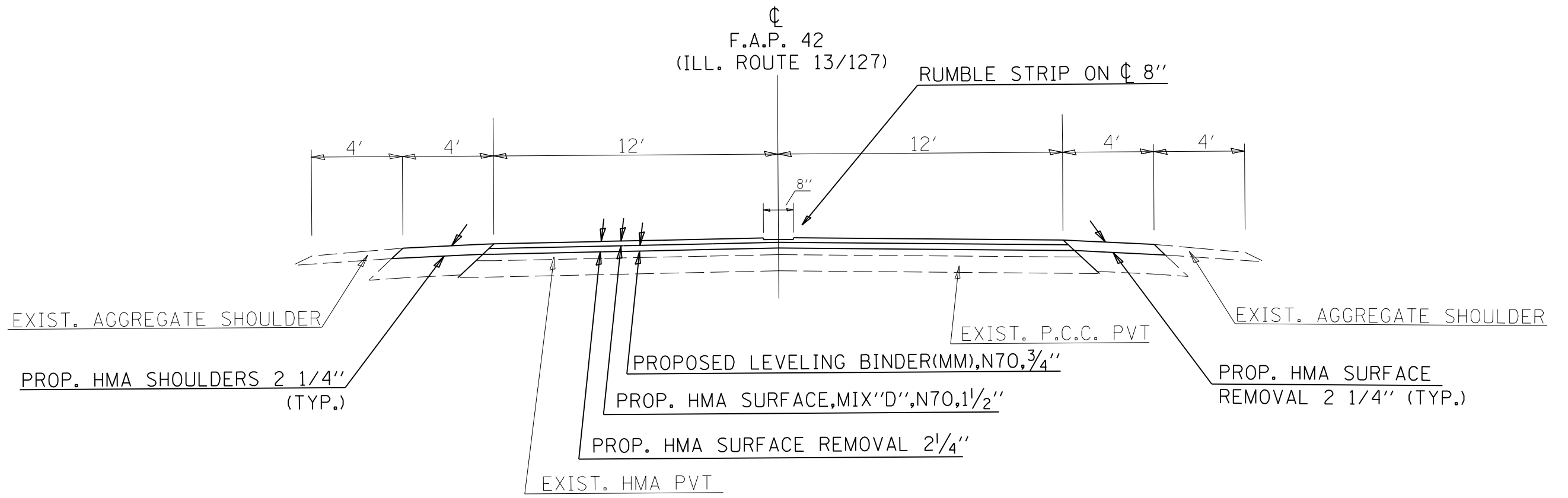
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PLOT DATE = 5/29/2019	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION	
IL 13/127	
SCALE: _____	SHEET _____ OF _____ SHEETS
STA. _____	TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	(103,16,15,14,13)RS-5	PERRY	18	10
CONTRACT NO. 78607				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION



TO BE USED:

- STA. 682+38 TO STA. 781+53
- STA. 787+19 TO STA. 927+50
- STA. 940+60 TO STA. 1128+73
- STA. 1130+65 TO STA. 1217+90

LONGITUDINAL JOINT SEALANT SHALL BE APPLIED UNDER THE SURFACE COURSE AT THE CENTERLINE

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 CONTRACT: 78607
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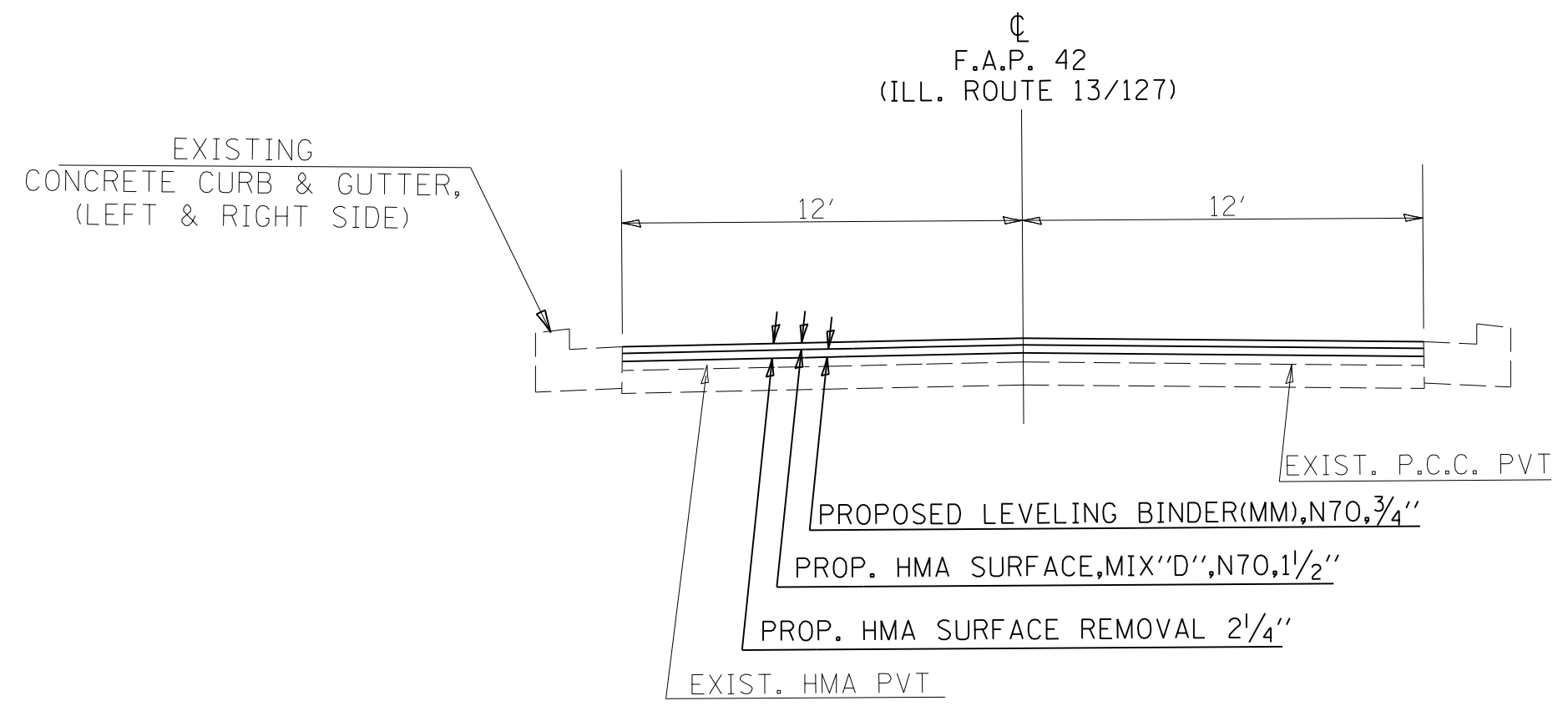
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PLOT DATE = 5/29/2019	DATE - _____	REVISIONS - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION	
IL 13/127	
SCALE: _____	SHEET _____ OF _____ SHEETS
STA. _____	TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	(103,16,15,14,13)RS-5	PERRY	18	11
CONTRACT NO. 78607				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION



TO BE USED:

STA. 1217+90 TO STA. 1223+00

LONGITUDINAL JOINT SEALANT SHALL BE APPLIED UNDER THE SURFACE COURSE AT THE CENTERLINE

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PLOT DATE = 5/29/2019	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTION
IL 13/127**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	(103,16,15,14,13)RS-5	PERRY	18	12
CONTRACT NO. 78607				
ILLINOIS FED. AID PROJECT				

MAINLINE RESURFACING SCHEDULE

LOCATION STATION TO STATION	LENGTH	ROADWAY WIDTH	TEMP RAMP **	HMA SURF REM 2 1/4"	HMA SC MIX "D", N70, 1 1/2"	LEVELING BINDER (MM) N70, 3/4"	BIT. MAT. (TACK COAT)	MATERIAL TRANSFER DEVICE	LONG. JOINT SEALANT	CENTERLINE RUMBLE STRIPS 8"	NOTES
	INFORMATIONAL PURPOSES ONLY										
	FT	FT									
FAP 42 (IL 13/127)											
STA 682+38 TO STA 780+97	9859.2	24.0	27	26291	2220	1657	21074	3877	9859	2465	
STA 780+97 TO STA 787+19	621.8	24.0									OMISSION: SN 073-0010
STA 787+19 TO STA 869+09.7 BK	8190.7	24.0	27	21842	1845	1376	17508	3221	8191	2048	
AH STA 869+00 TO STA 927+50	5850.0	24.0		15600	1317	983	12505	2300	5850	1413	
STA 927+50 TO STA 930+35	285.0	24.0*		950	80	48	609	128	285		* VARIABLE CENTER TURN LANE 0' TO 12'
STA 930+35 TO STA 933+51	316.0	36.0		1264	107	53	675	160	316		INCLUDES CENTER TURN LANE
STA 933+51 TO STA 934+58	107.0	36.0		428	36	18	229	54	107		INTERSECTION IL 13 AND IL 152
STA 934+58 TO STA 937+55	297.0	36.0		1188	100	50	635	150	297		INCLUDES CENTER TURN LANE
STA 937+55 TO STA 940+60	305.0	24.0*		1017	86	51	652	129	305		*VARIABLE CENTER TURN LANE 12' TO 0'
STA 940+60 TO STA 983+76.9 BK	4316.9	24.0		11512	972	725	9228	1698	4317	929	
AH STA 1015+60 TO STA 1080+67.4 BK	6507.4	24.0		17353	1465	1093	13910	2191	6508	1627	
AH STA 1080+69.3 TO STA 1128+73	4803.7	24.0	27	12810	1082	807	10268	1889	4804	1201	
STA 1128+73 TO STA 1130+65	192.0	24.0									OMISSION: SN 073-0032
STA 1130+65 TO STA 1136+98.2 BK	633.2	24.0	27	1689	143	107	1353	250	633	159	
AH STA 1136+96.6 TO STA 1146+72.1 BK	975.5	24.0		2602	220	164	2085	384	976	244	
AH STA 1146+73.7 TO STA 1217+90	7116.3	24.0		18977	1603	1196	15211	2454	7117	1779	
STA 1217+90 TO STA 1223+00	510.0	24.0	20.0	1360	115	86	1090	201	510		EXISTING CURB & GUTTER
TOTALS	50887		128	134882	11390	8414	107032	19084	50074	11864	

** NOTE: TEMPORARY RAMP QUANTITY INCLUDES BOTH SHOULDER AND MAINLINE PAVEMENT

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USER NAME = DUGASBC PLOT SCALE = 100.0000' / in. PLOT DATE = 5/29/2019	DESIGNED - _____ DRAWN - _____ CHECKED - _____ DATE - _____	REVISED - _____ REVISED - _____ REVISED - _____ REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINLINE RESURFACING SCHEDULE	SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="font-size: small;">F.A.P. RTE.</th> <th style="font-size: small;">SECTION</th> <th style="font-size: small;">COUNTY</th> <th style="font-size: small;">TOTAL SHEETS</th> <th style="font-size: small;">SHEET NO.</th> </tr> <tr> <td style="text-align: center;">42</td> <td style="text-align: center;">(103,16,15,14,13)RS-5</td> <td style="text-align: center;">PERRY</td> <td style="text-align: center;">18</td> <td style="text-align: center;">13</td> </tr> <tr> <td colspan="5" style="text-align: center; font-size: x-small;">CONTRACT NO. 78607</td> </tr> </table>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	42	(103,16,15,14,13)RS-5	PERRY	18	13	CONTRACT NO. 78607				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																	
42	(103,16,15,14,13)RS-5	PERRY	18	13																	
CONTRACT NO. 78607																					

PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	LENGTH (INFO ONLY)	PAINT PAVEMENT MARKING					SHORT TERM PVMT MRK	SHORT TERM PVMT MRK REM	TEMP PVMT MRK 4"	TEMP PVMT MRK REM	RAISED REF PVMT MKR	RAISED REF PVMT MKR REM	
		SOLID WHITE 4"	LINE-YELLOW 4"		SOLID YELLOW 12"	LETTERS & SYMBOLS							
			SOLID YELLOW	CENTER DASHED									
FT	FT	FT	FT	FT	SQ FT	FT	SQ FT	FT	SQ FT	EACH	EACH		
FAP 42 (IL 13/127)													
STA 682+38 TO STA 685+33	295.0	590		80			89	30	670	223	4	4	
STA 685+33 TO STA 690+45	512.0	1024	512	130			154	52	1666	555	7	7	
STA 690+45 TO STA 696+04	559.0	1118		140			168	56	1258	420	7	7	
STA 696+04 TO STA 700+84	480.0	960	495	120			144	48	1575	525	6	6	
STA 700+84 TO STA 702+84	200.0	400		50			60	20	450	150	3	3	
STA 702+84 TO STA 713+67	1083.0	2166	1076	270			325	109	3512	1171	14	14	
STA 713+67 TO STA 736+32	2265.0	4530	4515				680	227	9045	3015	29	29	
STA 736+32 TO STA 747+06	1074.0	2148	1074	270			323	108	3492	1164	14	14	
STA 747+06 TO STA 780+97	3391.2	6783		850			1017	339	7633	2544	43	43	
STA 780+97 TO STA 787+19	621.8						OMISSION: SN 073-0010						
STA 787+19 TO STA 809+68	2249.0	4498		560			675	225	5058	1686	28	28	
STA 809+68 TO STA 820+48	1080.0	2160	1065	270			324	108	3495	1165	14	14	
STA 820+48 TO STA 825+03	455.0	835	820				137	46	1655	552	6	6	
STA 825+03 TO STA 835+96	1093.0	2186	1093	280			328	110	3559	1187	14	14	
STA 835+96 TO STA 869+09.7 BK	3313.7	6628		830			995	332	7458	2486	42	42	
AH STA 869+00 TO STA 924+20	5520.3	11041		1380			1657	552	12421	4141	69	69	
STA 924+20 TO STA 927+00	280.0	560	250	70			84	28	880	294	4	4	
STA 927+00 TO STA 933+51	651.0	1450	2202		210	36	196	66	3862	1287	8	8	
INTERSECTION IL 13 AND IL 152													
STA 934+58 TO STA 942+10	752.0	1650	2454		210	36	226	76	4314	1438	10	10	
STA 942+10 TO STA 965+71	2361.0	4722		590			709	237	5312	1771	30	30	
STA 965+71 TO STA 971+91	620.0	1227	600	160			186	62	1987	663	8	8	
STA 971+91 TO STA 983+76.9 BK	1185.9	2323	1170	300			356	119	3793	1265	15	15	
AH STA 1015+60 TO STA 1018+59	299.0	598		80			90	30	678	226	4	4	
STA 1018+59 TO STA 1020+60	201.0	402		50			61	21	452	151	3	3	
STA 1020+60 TO STA 1025+84	524.0	1048	524	130			157	53	1702	568	7	7	
STA 1025+84 TO STA 1029+84	400.0	800		100			120	40	900	300	5	5	
STA 1029+84 TO STA 1039+11	927.0	1854	897	230			279	93	2981	994	12	12	
STA 1039+11 TO STA 1074+20	3509.0	7018	3509	880			1053	351	11407	3803	44	44	
STA 1074+20 TO STA 1080+67.4 BK	647.4	1295	618	160			195	65	2073	691	8	8	
AH STA 1080+69.3 TO STA 1085+48	478.7	958	479	120			144	48	1557	519	6	6	
STA 1085+48 TO STA 1087+64	216.0	432	410				65	22	842	281	3	3	
STA 1087+64 TO STA 1098+32	1068.0	2136	1075	270			321	107	3481	1161	14	14	
STA 1098+32 TO STA 1128+73	3041.0	6082		760			913	305	6842	2281	38	38	
STA 1128+73 TO STA 1130+65	192.0						OMISSION: SN 073-0032						
STA 1130+65 TO STA 1136+98.2 BK	633.2	1267		160			190	64	1427	476	8	8	
AH STA 1136+96.6 TO STA 1146+72.1 BK	975.5	1951		240			293	98	2191	731	13	13	
AH STA 1146+73.7 TO STA 1210+41	6367.3	12735		1600			1911	637	14335	4779	80	80	
STA 1210+41 TO STA 1221+24	1083.0	2166	1053	270			325	109	3489	1163	14	14	
STA 1221+24 TO STA 1223+00	176.0	352	332				53	18	684	228	2	2	
TOTALS	50780	100092	26223	11400	420	73	14998	5006	138135	46053	630	630	

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PLOT DATE = 5/29/2019	DATE - _____	REVISED - _____

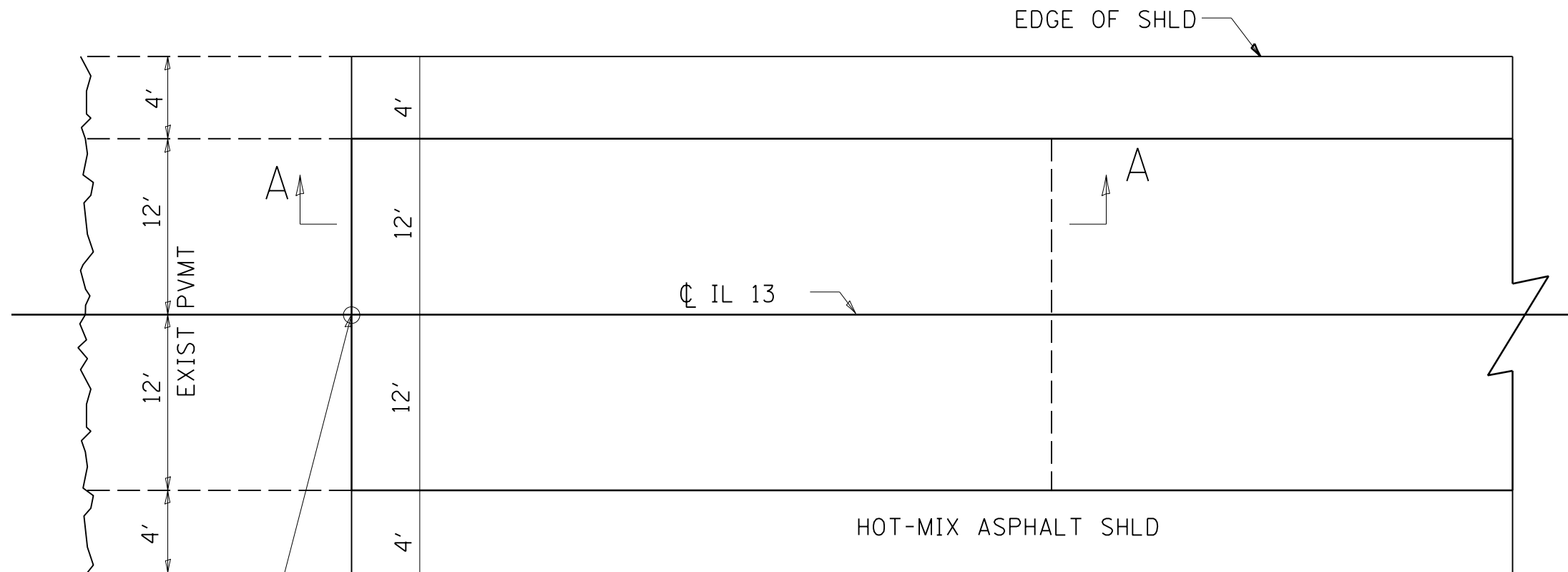
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
SCHEDULE**

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

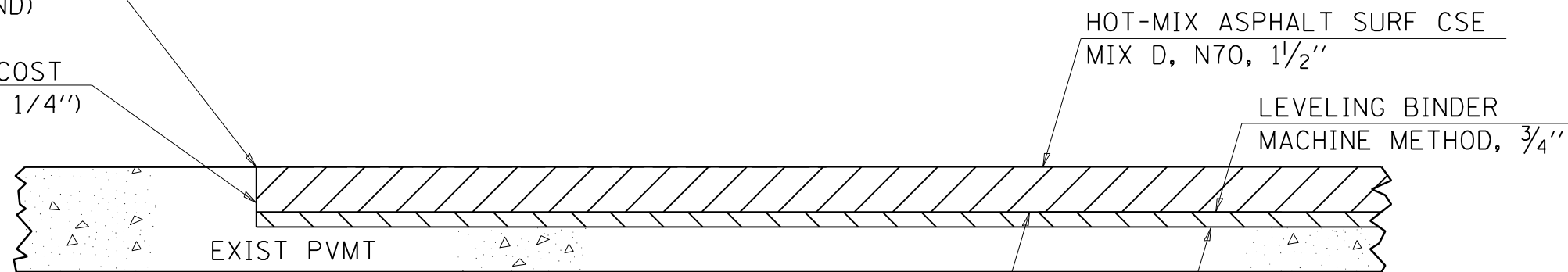
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42	(103,16,15,14,13)RS-5	PERRY	18	15
CONTRACT NO. 78607				
ILLINOIS FED. AID PROJECT				

INLAY DETAIL



STA 682+38(START), STA 780+97.20
 STA 787+19.90, STA 1128+73
 STA 1130+65, STA 1223+00(END)

SAW CUT (INCLUDED IN THE COST
 OF HMA SURFACE REMOVAL 2 1/4")



SECTION A-A

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 PLOT DATE: 5/24/2019

USER NAME = DUGASBC	DESIGNED - _____	REVISED - _____
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	DATE - _____	REVISED - _____

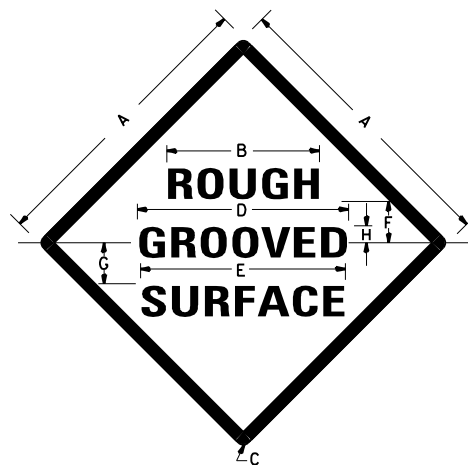
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETAILS: INLAY DETAIL	
SCALE: _____	SHEET _____ OF _____ SHEETS
STA. _____	TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	(103,16,15,14,13)RS-5	PERRY	18	16
CONTRACT NO. 78607				
ILLINOIS FED. AID PROJECT				

ILLINOIS STANDARD

W8-1106



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.

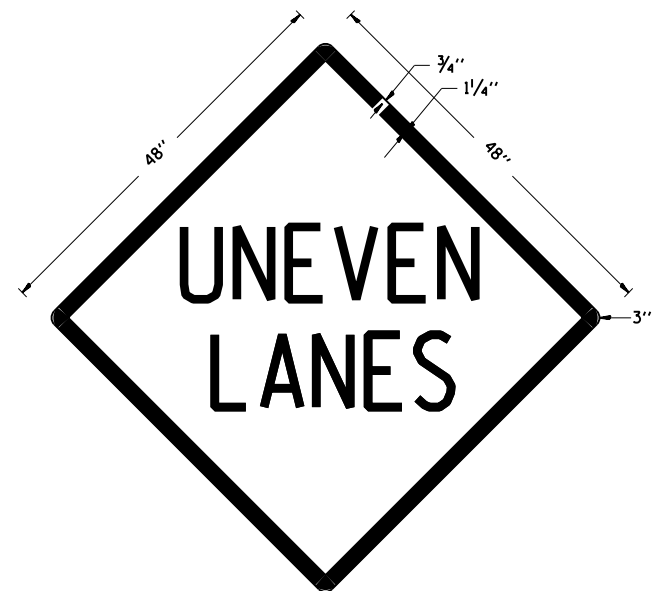
REVISIONS

REDRAWN	2-15-89
REVISED	4-6-93
REVISED	3-27-08
REVISED	

STD. 9-39

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.

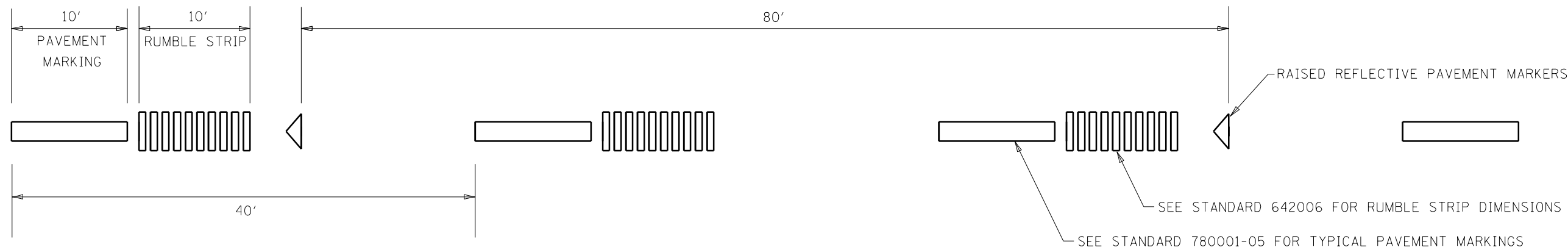
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS

DRAWN	2-15-89
REVISED	4-06-93
RESIGNED	
RESIZED	

STD. 9-41

CENTERLINE RUMBLE STRIP DETAIL



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	DRAWN - _____	REVISED - _____
PLOT SCALE = 100.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 5/24/2019	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS: CENTERLINE RUMBLE STRIPS,
UNEVEN LANE AND ROUGH GROOVED SURFACE SIGNS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	(103,16,15,14,13)RS-5	PERRY	18	18
CONTRACT NO. 78607				
ILLINOIS FED. AID PROJECT				