

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

* 26-1 = 25 TOTAL SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
132	12RS-4	POPE	26	1
ILLINOIS			CONTRACT NO. 78558	

**PROPOSED
HIGHWAY PLANS**

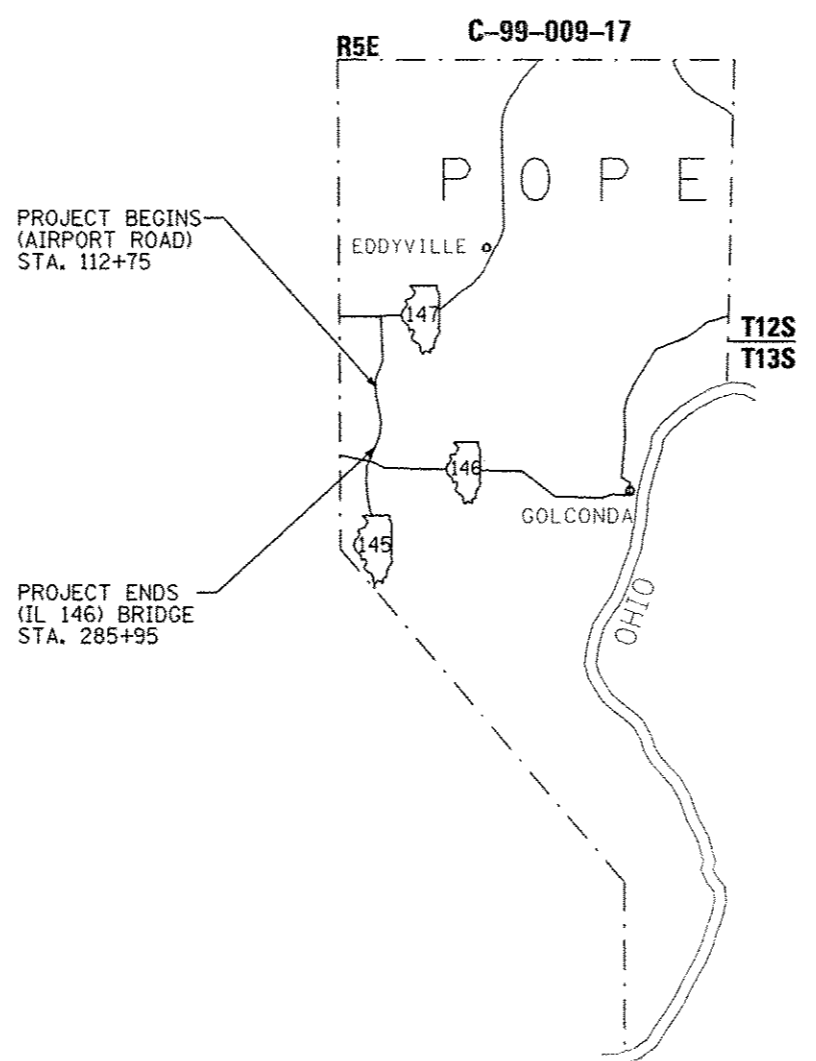
FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5-7
FOR STRUCTURAL PAVEMENT DESIGN INFORMATION, SEE SHEET NO. 8-23

**FAP 132 ROUTE IL 145
SECTION 12RS-4**

**PROJECT STP-0132(134)
PAVEMENT PATCHING & RESURFACING
POPE COUNTY**

TRAFFIC DATA

IL 37 (FAP 132) GLENDALE/DIXON SPRINGS	LOC A: (13.01-13.35)	LOC B: (13.35-18.67)
M.P.		
(2017)		
PV =	1,170	805
SU =	60	110
MU =	50	255
ADT =	1,280	1,170
(2037)		
PV =	1,425	985
SU =	75	135
MU =	60	310
ADT =	1,560	1,430



FOR OMISSIONS AND STATION EQUATIONS SEE SHEET NO. 3

TOWNSHIPS
ALEXANDER AND WEBSTER

DESIGN DESIGNATION : N/A

COORDINATE SYSTEM : ILLINOIS EAST

POSTED SPEED : 55 MPH

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

PROJECT ENGINEER CHARLES STEIN
PROJECT DESIGNER AESHA JACKSON

CONTRACT NO. 78558

GROSS LENGTH = 17,320 FT. = 3.28 MILES
NET LENGTH = 17,213 FT. = 3.26 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Feb 6 20 17

Jaffrey J Keern
REGION FIVE ENGINEER

Mar 24 20 17
Maureen M. Addis P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Mar 24 20 17
Kevin A. ...
DIRECTOR OF PROGRAM DEVELOPMENT

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OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

2

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3 - 4	INDEX OF SHEETS, STANDARDS, GENERAL NOTES, MIXTURE REQUIREMENTS, OMISSIONS AND STATION EQUATIONS
5 - 7	SUMMARY OF QUANTITIES
8 - 10	TYPICAL SECTIONS
11	IL 145 MAINLINE RESURFACING SCHEDULE
12	IL 145 PATCHING SCHEDULE
13	GUTTER SCHEDULE
14	AGGREGATE, SIDE ROADS AND ENTRANCE SCHEDULE
15	PAVEMENT MARKING SCHEDULE
16 - 21	DESIGN DETAILS
22	DETAILS FOR INLAY AND BUTT JOINTS
* 23	BUTT JOINTS DETAIL AT RAMPS AND STRUCTURES
24	BUTT JOINTS DETAIL AT RAMPS AND STRUCTURES
25	SIDE ROADS AND ENTRANCES DETAILS
26	UNEVEN LANE SIGN DETAIL AND ROUGH GROOVED SURFACE SIGNS

* SHEET 23 DELETED

STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF INCH AND FOOT
442201-03	CLASS C AND D PATCHES
701001-02	OFF ROAD OPERATIONS-2L,2W-15 FT MINIMUM FROM EDGE OF PAVEMENT
701006-05	OFF ROAD OPERATIONS-2L,2W-15 FT TO EDGE OF PAVEMENT
701011-04	OFF ROAD MOVING OPERATIONS-2L,2W-DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W-SLOW MOVE OPERATIONS DAY ONLY ≤ 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
701901-06	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTOR PAVEMENT MARKINGS

OMISSIONS

2

SN: 076-0014 (STA. 152+82 TO STA. 155+17)
 SN: 076-0015 (STA. 170+11 TO STA. 171+88)

MIXTURE REQUIREMENTS

Locations	Hot-Mix Asphalt Surface Course & Incidental Hot-Mix Asphalt Surfacing & HMA Shoulders
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, 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:	C Surface
Quality Management Program:	QCP

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

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

STATION EQUATIONS

STA. 150+06 BK = STA. 149+36 AH

REV. 4-18-2017

FILE NAME : p:\IL\8846\BID\TEG.11\main.gov\PWIDOT\Docu...	USER NAME : jackson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STANDARDS, GENERAL NOTES, MIXTURE DESIGN, OMISSIONS AND STATION EQUATIONS	F.A.P. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLT SCALE = 1/8" = 1'-0"	CHECKED -	REVISED -	132			12RS-4	POPE	26	3	
PLT DATE = 4/14/2017	DATE -	REVISED -	CONTRACT NO. 7855B							
Default			ILLINOIS FED. AID PROJECT							

SUMMARY OF QUANTITIES

COUNTY:	Pope
ROUTE:	FAP 132 IL 145
FUNDING:	80%FED 20%STATE ✓
LOCATION:	RURAL ✓
TOTAL QUANTITY	ROADWAY 0005 ✓

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY
25000200	SEEDING, CLASS 2	ACRE	1.6	1.6
25000350	SEEDING, CLASS 7	ACRE	1.6	1.6
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	100	100
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	100	100
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	100	100
25000700	AGRICULTURAL GROUND LIMESTONE	TON	2	2
25100105	MULCH, METHOD 1	ACRE	1.6	1.6
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	160	160
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	31404	31404
40600637	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	TON	1866	1866
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	418	418
40600990	TEMPORARY RAMP	SQ YD	104	104
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	4158	4158
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	55	55

1 2

2

1 2

2 REV. 4-18-17

1 REV. 4-12-17

SUMMARY OF QUANTITIES - CONT

COUNTY:	Pope
ROUTE:	FAP 132 IL 145
FUNDING:	80%FED 20%STATE
LOCATION:	RURAL
TOTAL QUANTITY	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005
44000151	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	SQ YD	45808	45808
44201361	CLASS C PATCHES, TYPE I, 11 INCH	SQ YD	254	254
44201365	CLASS C PATCHES, TYPE II, 11 INCH	SQ YD	133	133
44201369	CLASS C PATCHES, TYPE III, 11 INCH	SQ YD	18	18
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1019	1019
48203100	HOT-MIX ASPHALT SHOULDERS	TON	79	79
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3
67100100	MOBILIZATION	LSUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LSUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	LSUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5217	5217
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1739	1739
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	51828	51828
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	51828	51828

△ 2

* SPECIALTY ITEM

△ REV. 4-18-17

△ REV. 4-12-17

19 *

SUMMARY OF QUANTITIES - CONT

COUNTY:	Pope
ROUTE:	FAP 132 IL 145
FUNDING:	80%FED 20%STATE
LOCATION:	RURAL
TOTAL QUANTITY	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	217	217
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	217	217
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	153	153
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	28	28
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	17276	17276
Z0034105	MATERIAL TRANSFER DEVICE	TON	4158	4158

* SPECIALTY ITEM

△ REV. 4-18-17
 △ REV. 4-12-17

IL 145 MAINLINE RESURFACING SCHEDULE

LOCATION STATION TO STATION				LENGTH	ROADWAY WIDTH	HOT-MIX ASP. SURF. REMOV. - BUTT JT.	TEMP RAMP	HMA SUR. REMOVAL 1/2" * *	HOT-MIX ASP. SUR. CSE., MIX C, N 70 (1 1/2") **	LEVELING BINDER (MM) N70 (3/4") **	BIT. MAT. (TACK COAT) *	NOTES
				FOR INFORMATIONAL PURPOSE ONLY								
				(FT)	(FT)	(SQ YD)	(SQ YD)	(SQ YD)	(TON)	(TON)	(LBS)	
MAINLINE: STA.112+75 TO STA. 285+95												
	112+75.00	TO	119+47.00			49	12					
LT	112+75.00	TO	119+47.00	672	11			821	70	35	554	
RT	112+75.00	TO	119+47.00	672	11			821	70	35	554	
	119+47.00	TO	140+00.00									
LT	119+47.00	TO	140+00.00	2053	11			2509	213	106	1,694	
RT	119+47.00	TO	140+00.00	2053	11			2509	213	106	1,694	
	140+00.00	TO	150+06.00									
LT	140+00.00	TO	150+06.00	1006	11			1230	105	52	830	
RT	140+00.00	TO	150+06.00	1006	11			1230	105	52	830	
STA. EQ. STA. 150+06 BK=STA.149+36 AH												
	149+36.00		154+82.00									
LT	149+36.00	TO	154+82.00	546	11			667	47	0	450	
RT	149+36.00	TO	154+82.00	546	11	80	20	667	47	0	450	
OMISSION: STRUCTURAL NUMBER 076-0014											STA. 154+82 TO STA.155+17	
	155+17.00	TO	170+11.00			80	20					
LT	155+17.00	TO	170+11.00	1494	11			1,869	155	77	1,233	
RT	155+17.00	TO	170+11.00	1494	11	80	20	1882	155	77	1,233	
OMISSION: STRUCTURAL NUMBER 076-0015											STA. 170+11 TO STA. 171+88	
	171+88.00	TO	211+00.00			80	20					BOX CULVERT (SN 076-2003) STA. 211+00
LT	171+88.00	TO	211+00.00	3912	11			4802	406	201	3,227	
RT	171+88.00	TO	211+00.00	3912	11			4790	406	201	3,227	
	211+00.00	TO	250+00.00									
LT	211+00.00	TO	250+00.00	3900	11			4767	405	201	3,218	
RT	211+00.00	TO	250+00.00	3900	11			4767	405	201	3,218	
LT	250+00.00	TO	285+95.00	3595	11			4394	373	185	2,966	
RT	250+00.00	TO	285+95.00	3595	11	49	12	4394	373	185	2,966	
MAINLINE TOTALS						418	104	42,118	3,549	1,714	28,344	

*NOTE: SEE GUTTER SCHEDULE, SIDE ROAD, AND ENTRANCE SCHEDULES FOR ADDITIONAL QUANTITIES

**NOTE: SEE GUTTER SCHEDULE FOR ADDITIONAL QUANTITIES

△ REVISED SHEET 4-18-2017

△ REVISED SHEET 4-12-2017

FILE NAME :	USER NAME : jacksonc	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 145 MAINLINE RESURFACING SCHEDULE	F.A.P. RTE. 132	SECTION 12RS-4	COUNTY POPE	TOTAL SHEETS 26	SHEET NO. 11
p:\11\084EBID\INTG\11\inois.gov\PI\DOT\Do		Documents\DOT Offices\District 9\Projects\785		DRAWN by CA0\sheets\785958 Sheet						CONTRACT NO. 78558
PL01 SCALE = 100.0000 ' / in.		CHECKED -								ILLINOIS FED. AID PROJECT
PL03 DATE = 4/14/2017		DATE -								
Default						SCALE:		SHEET OF SHEETS		STA. TO STA.

GUTTER SCHEDULE

LOCATION STATION TO STATION				GUTTER LENGTH	ROADWAY WIDTH	HMA SURFACE REMOVAL 1/2" **	LEVELING BINDER (MM) N70 (3/4") **	BIT MAT. (TACK COAT) *	GRADING AND SHAPING	HOT-MIX ASP. SUR. CSE., MIX C, N 70 (1 1/2") **
				FOR INFORMATIONAL PURPOSE ONLY		(SQ YD)	(TON)	(LBS)	(UNIT)	(TON)
(FT)	(FT)									
MAINLINE: STA.112+75 TO STA. 285+95										
LT	112+75.00	TO	149+70.00	3695	2	280	35	555	37	147
RT	112+94.00	TO	119+47.00	653	2	821	7	98	7	26
LT	149+85.00	TO	154+76.00	491	2	109	5	74	5	20
RT	+0.00	TO	+0.00	0	2	0	0	0	0	0
LT	167+85.00	TO	169+30.00	145	2	32	2	22	1	6
RT	+0.00	TO	+0.00	0	2	0	0	0	0	0
LT	179+76.00	TO	183+80.00	404	2	90	4	61	4	16
RT	172+65.00	TO	201+00.00	2835	2	630	27	426	28	113
LT	204+60.00	TO	208+00.00	340	2	76	4	51	3	14
RT	203+50.00	TO	208+00.00	450	2	100	5	68	5	18
LT	+0.00	TO	+0.00	0	2	0	0	0	0	0
RT	228+80.00	TO	230+00.00	120	2	27	2	18	1	5
LT	241+76.00	TO	251+25.00	949	2	211	9	143	9	38
RT	230+00.00	TO	251+14.00	2114	2	470	20	318	21	84
LT	+0.00	TO	+0.00	0	2	0	0	0	0	0
RT	252+02.00	TO	260+00.00	798	2	177	8	120	8	32
LT	+0.00	TO	+0.00	0	2	0	0	0	0	0
RT	260+00.00	TO	274+40.00	1440	2	320	14	216	14	57
LT	281+40.00	TO	285+95.00	455	2	101	5	69	5	18
RT	281+40.00	TO	285+95.00	455	2	101	5	69	5	18
SUBTOTAL						3,690	152	2,308	153	609

* NOTE: MAINLINE RESURFACING, SIDE ROAD, AND ENTRANCE SCHEDULES FOR ADDITIONAL QUANTITIES.

** NOTE: SEE MAINLINE RESURFACING SCHEDULE FOR ADDITIONAL QUANTITIES.

REVISED SHEET 4-18-2017
 REVISED SHEET 4-14-2017