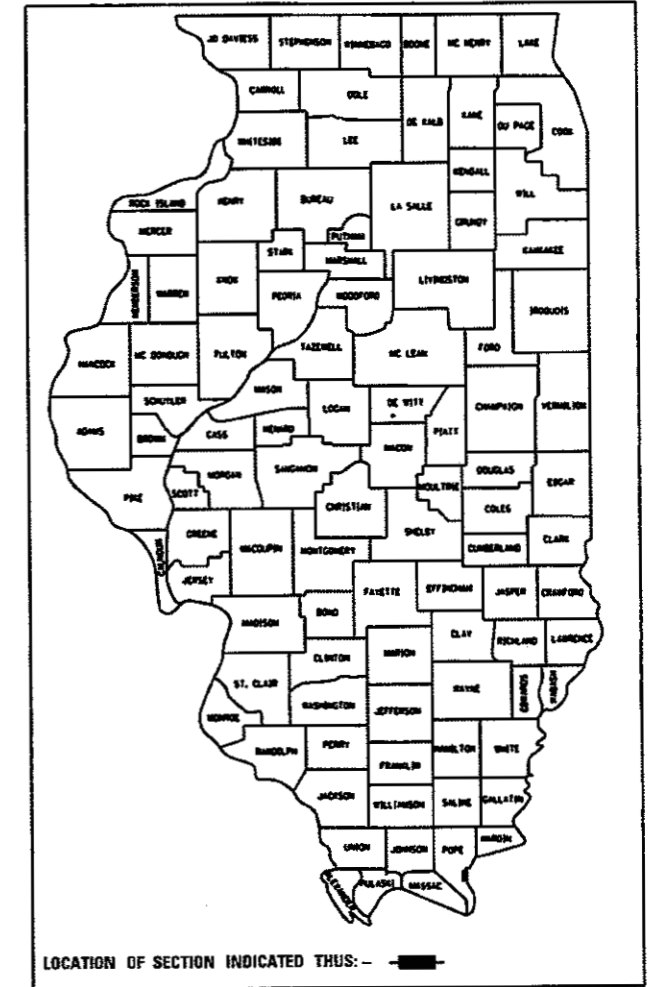


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
146	(112,7)RS-4	POPE	7	1
ILLINOIS			CONTRACT NO. 78459	

D-99-019-15



FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4

PROPOSED
HIGHWAY PLANS

FAP 885 IL ROUTE 146
SECTION (112,7)RS-4

DIAMOND GRINDING AND RESURFACING
POPE COUNTY

TRAFFIC DATA

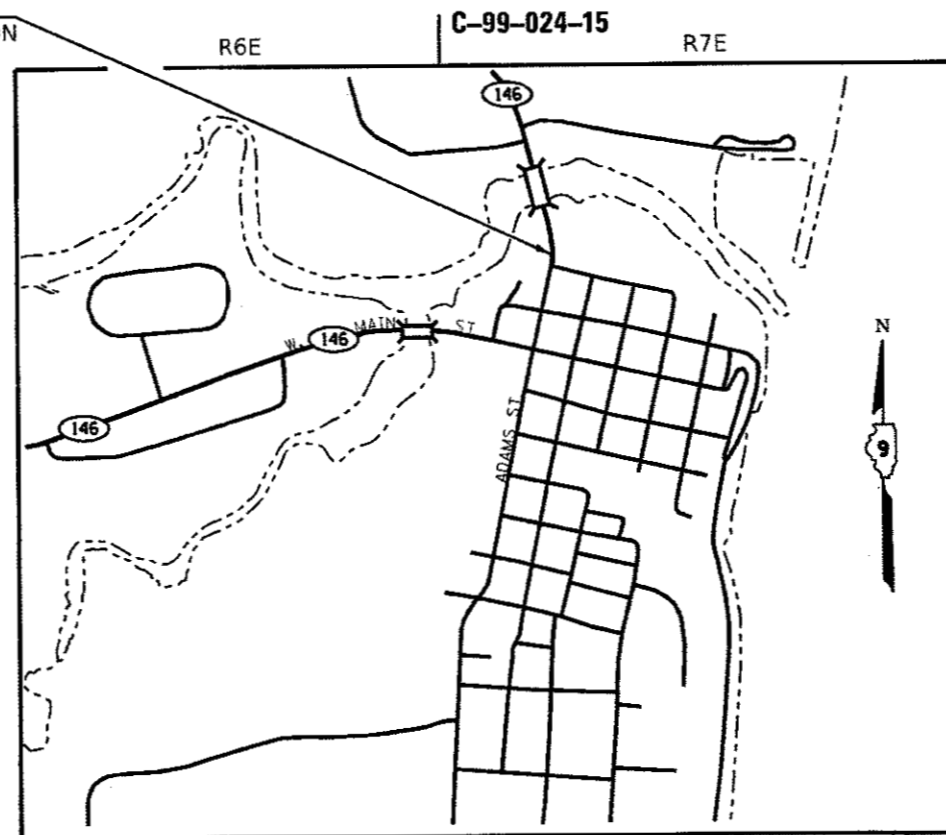
TRAFFIC DATA IL 146 POPE COUNTY

IL-146 GOLCONDA			
	2015	2018	2038
PV =	2,100	2,155	2,640
SU =	250	260	315
MJ =	100	105	125
ADT =	2,450	2,520	3,080

TOWNSHIPS

GOLCONDA

NORTH GATE
PROJECT LOCATION



DESIGN DESIGNATION : NA
COORDINATE SYSTEM : NA
POSTED SPEED : 30 MPH

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 DESIGNER ELISE KNOP 618-351-5212

GROSS LENGTH = 60 FT. = 0.01 MILES
NET LENGTH = 60 FT. = 0.01 MILES

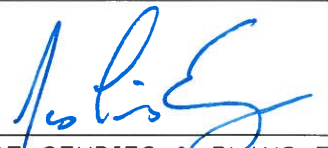
CONTRACT NO. 78459

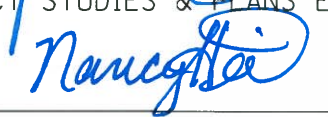
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

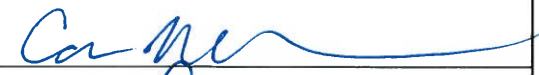
SUBMITTED Dec 16 2017
Jeffrey A. Keen
REGION FIVE ENGINEER
Feb 2 2018
Scott A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT
Feb 2 2018
Paul J. Chaffin
DIRECTOR OF PROGRAM DEVELOPMENT

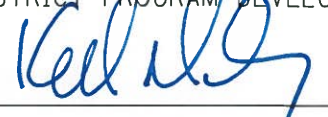
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Prepared By: 
DISTRICT STUDIES & PLANS ENGINEER


Examined By: 
DISTRICT LAND ACQUISITION ENGINEER

Examined By: 
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: 
DISTRICT OPERATIONS ENGINEER

Examined By: 
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: 
DISTRICT CONSTRUCTION ENGINEER

Examined By: 
DISTRICT MATERIALS ENGINEER

USER NAME = knopen	DESIGNED - _____	REVISED - _____
DRAWN - _____	REVISED - _____	
PLOT SCALE = 100.0000 ' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 12/8/2017	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
146	(112.7)RS-4	POPE	7	2
CONTRACT NO. 78459				
ILLINOIS FED. AID PROJECT				

INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, MIX DESIGN
4	SUMMARY OF QUANTITIES
5	PLAN VIEW
6	PLAN PROFILE
7	PLAN DETAILS

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.

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.

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

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 202.03 OF THE STANDARD SPECIFICATIONS.

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

HIGHWAY STANDARDS

000001-06_STANDARDSYMBOLSABBREVIATIONS&PATTERNS
 001001-02_AREASOFREINFREBARS
 001006_DECIMALOFINCH&FOOT
 442201-03_CLASS&DPATCHES
 701201-04_LNCLOSURE2L2W-DAYONLY
 701311-03_LNCLOSURE2L2W-MOVINGOPDAYONLY
 701901-07_TRAFCNTRLDEVICES

HMA MIXTURE REQUIREMENTS TABLE

Location(s):	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
PG:	PG64-22
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Mixture Gradation)	IL-9.5mm
Friction Aggregate:	C Surface
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	NA
Number of Roller Passes	NA

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SUMMARY OF QUANTITIES

COUNTY:	POPE
ROUTE:	IL 146
FUNDING:	100% STATE
LOCATION:	RURAL
	ROADWAY
	0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	39
40600990	TEMPORARY RAMP	SQ YD	30
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	7
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	87
44200120	PAVEMENT PATCHING, TYPE II, 10 INCH	SQ YD	6
67100100	MOBILIZATION	LSUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	240
X0326767	PROFILE DIAMOND GRINDING CONCRETE PAVEMENT	SQ YD	87

9

* SPECIALTY ITEM

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	DATE -	REVISED -

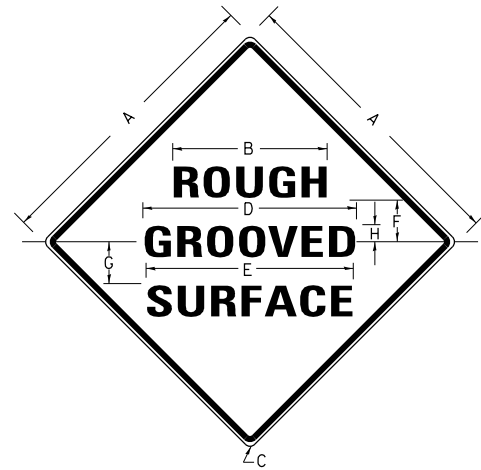
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
146	(112.7)RS-4	POPE	7	4
			CONTRACT NO. 78459	
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.

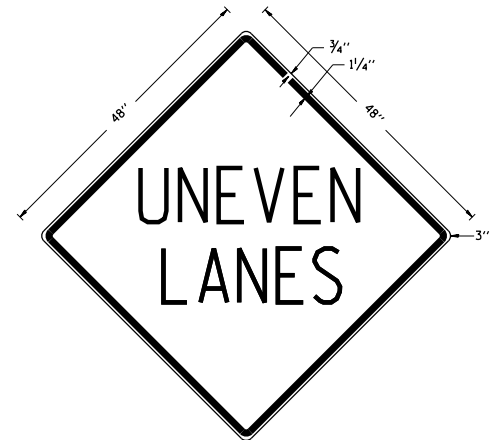
STD. 9-39

REVISIONS

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

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

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PLOT DATE = 12/19/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
146	(112,7)R5-4	POPE	7	7
CONTRACT NO. 78459				
ILLINOIS FED. AID PROJECT				