

FAI RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-74 I-474	(90-6,7,14;X3-16,17;57-17)	TAZEWELL WOODFORD	7	1
ILLINOIS			CONTRACT NO. 68C02	

INDEX OF SHEETS

- 1 COVER SHEET
- 2 COMMITMENTS AND GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4-5 TYPICAL SECTIONS
- 6 SCHEDULE OF QUANTITIES
- 7 LINE DIAGRAM

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAI ROUTE 74 & 474 (I-74 & I-474)
SECTION (90-6,7,14;X3-16,17;57-17)

TYPE of IMPROVEMENT: JOINT REPAIR
TAZEWELL / WOODFORD COUNTY

C-94-101-14

HIGHWAY STANDARDS

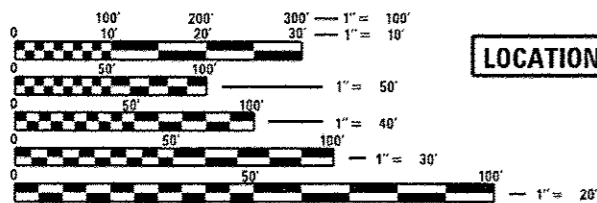
701400-08	701428
701406-09	701901-04
701411-09	780001-05
701426-07	

INTERSTAE I-474:

ADT = 16,200 (2014)
MU = 16.36 % (2014)
SU = 3.7 % (2014)

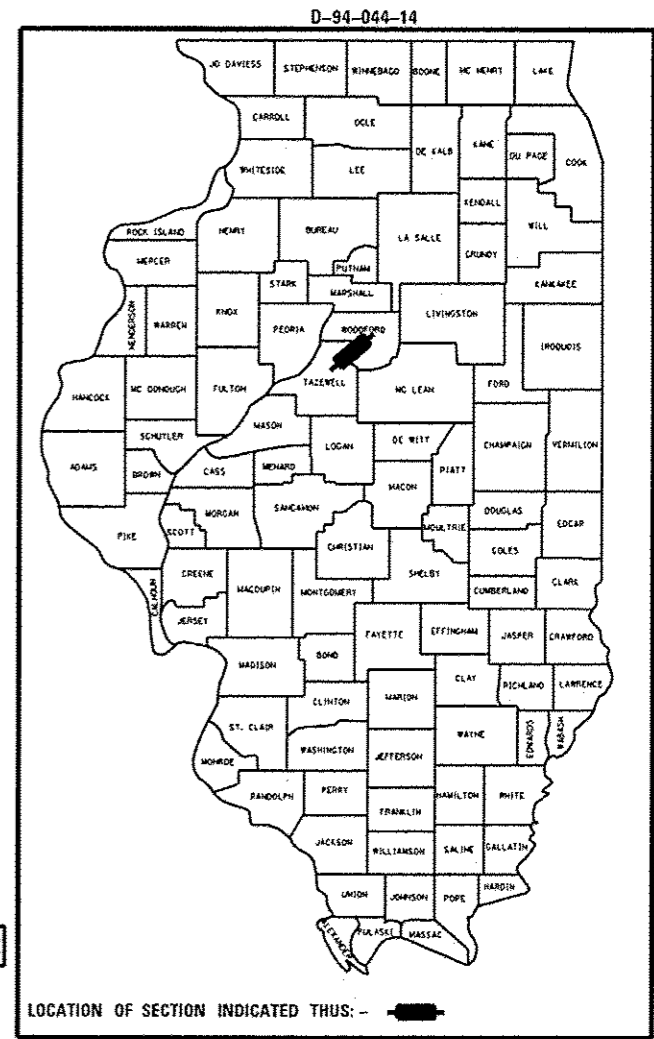
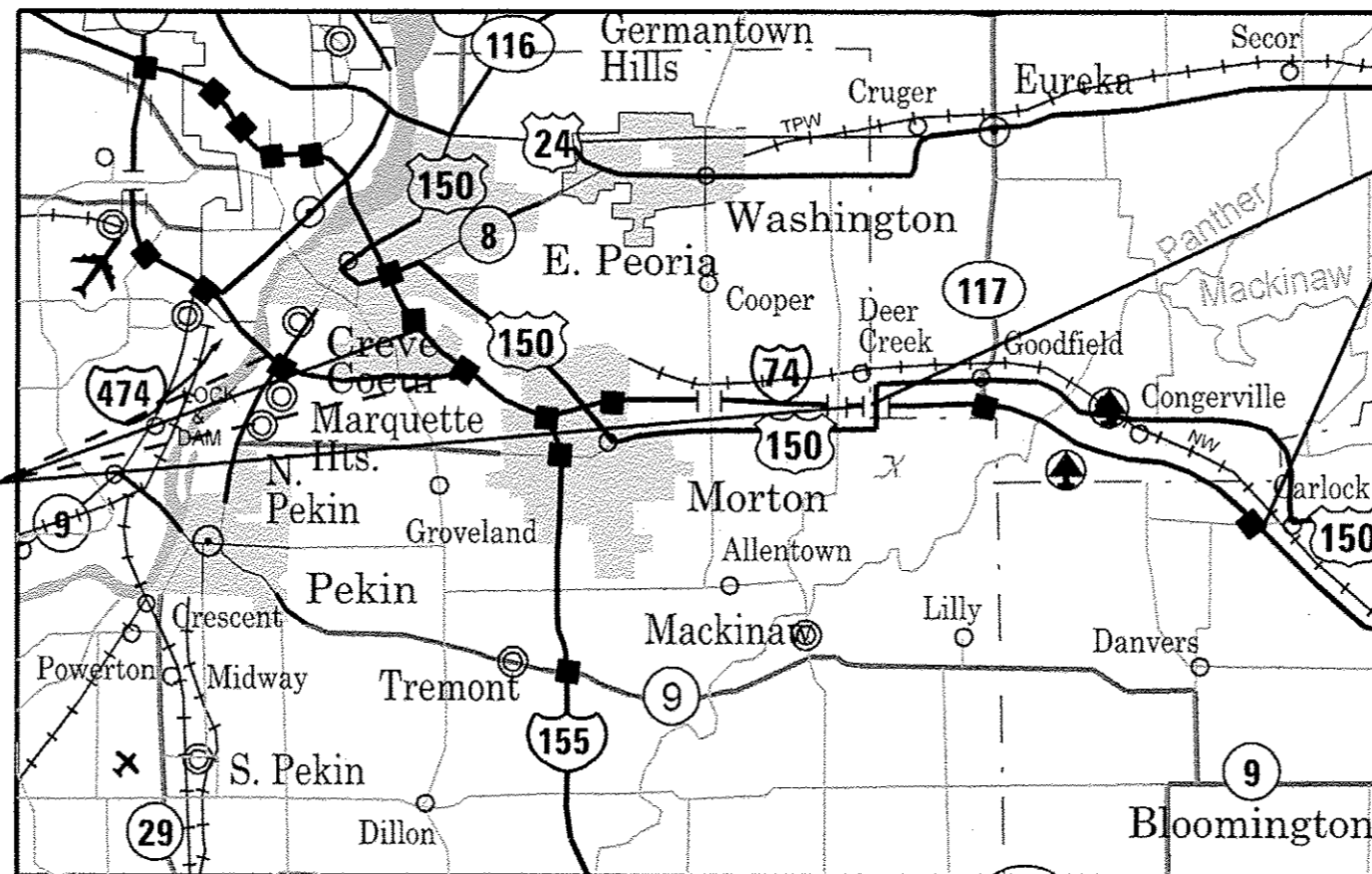
INTERSTAE I-74:

ADT = 24,200 (2014)
MU = 15.70 % (2014)
SU = 3.75 % (2014)



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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



LOCATION 2

LOCATION 1

PROJECT DESCRIPTION:

Intermittent longitudinal joint repair at two locations:
Location 1: I-474 from the Illinois River to I-74 and I-74 from the Pinecrest interchange to Muller Rd. overpass in Tazewell County
Location 2: I-74 from Woodford County line to Carlock interchange in Woodford County

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED May 29 2015
Richard A. Granados
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 26 2015
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

June 26 2015
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PROJECT ENGINEER: CHRISTOPHER MAUSHARD 309-671-3453
PROJECT MANAGER: SOBHI LABABIDI/RAY SAMARA 309-671-3460
CATALOG NO. 035140-00D
CONTRACT NO. 68C02

GROSS LENGTH: LOCATION 1: 42,538 FT. = 8.06 MILE
LOCATION 2: 57,980 FT. = 10.98 MILE

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GENERAL NOTES

COMMITMENTS

Commitments are not to be altered without the written approval of all parties to which the commitment was made.

No commitments have been made for this project.

ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

The required environmental resource documentation shall include the following:

- *BDE Form 2289 (Cultural and Natural Resources Review of Borrow Areas)
- *BDE Form 2290 (Waste/Use Area Review)
- *A location map showing the size limits and location of the use area
- *Color photographs depicting the use area
- *Borrow Area Entry Agreement form-D4 PI0101

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

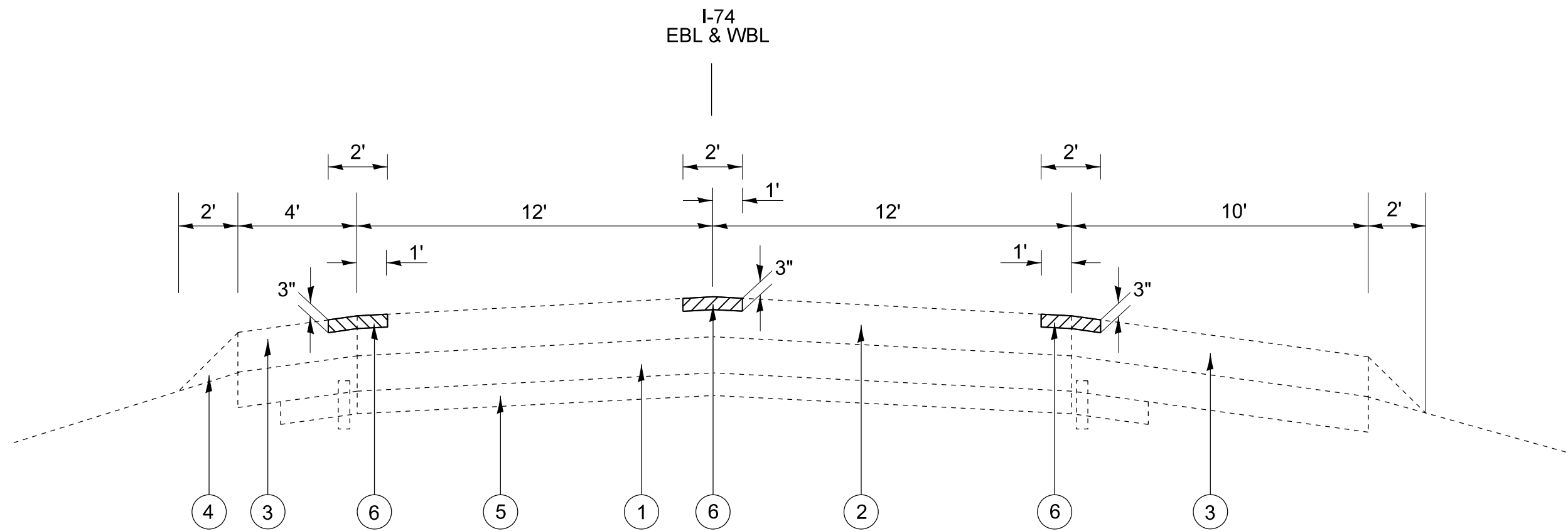
Please note that a minimum of four weeks shall be allowed for the District to obtain the required environmental clearances and six weeks for the required borrow site environmental clearances.

BITUMINOUS CONCRETE MIXTURE REQUIREMENTS

Mixture Use(s):	Surface Course
AC/PG:	PG 64-22
Design Air Voids:	4.0% @ N=50
Mixture Composition: (Gradation Mixture)	IL 9.5
Friction Aggregate:	Mixture D
Quality Management	QC/QA

Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum aggregate size.

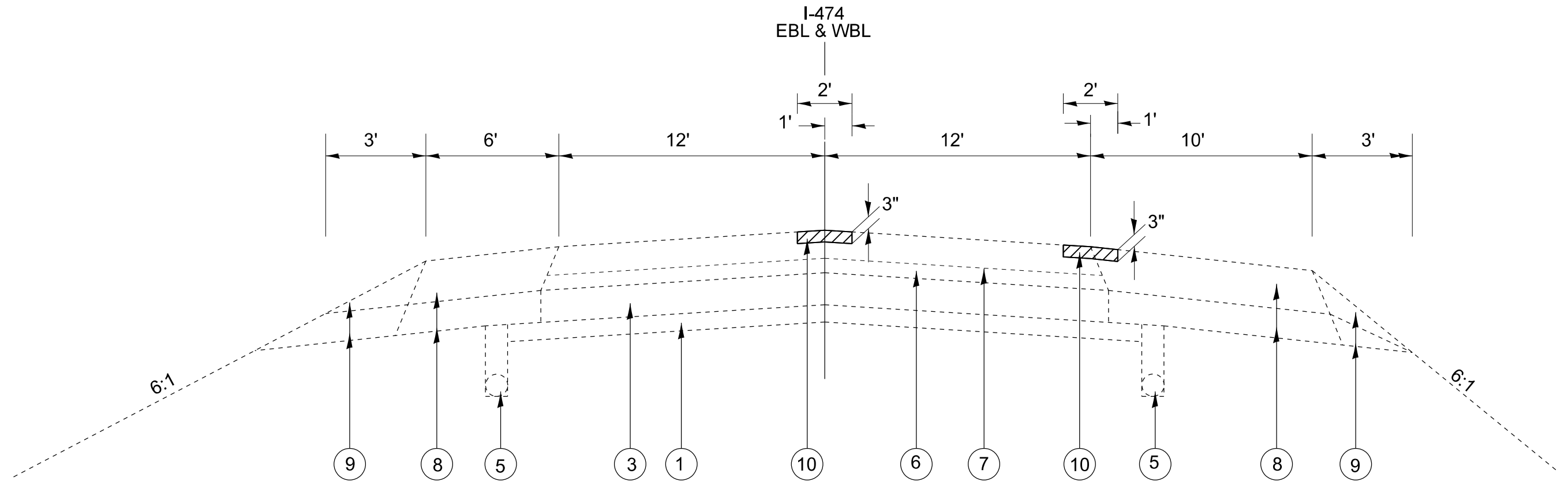
FILE NAME : Day labor and joint repair sheets.dgn	USER NAME : Keithr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMITMENTS AND GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE * 100,0000 / in.	CHECKED -	REVISED -	1-74 1-274			19D-6,7,14-X3-16,17,57-17H	TAZEWELL ROGERS	7	2	
PLOT DATE * 5/29/2015	DATE -	REVISED -	CONTRACT NO. 68C02			ILLINOIS FED. AID PROJECT				
Default				SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	



I-74

- ① EX. PCC PAVEMENT 7"
- ② EX. HMA OVERLAY 7"
- ③ EX. BITUMINOUS SHOULDER
- ④ EX. AGGREGATE SHOULDER
- ⑤ EX. STABILIZED SUB-BASE, 4"
- ⑥ PROP. LONGITUDINAL JOINT REPAIR

FILE NAME = Day labor and Joint repair sheets.dgn	USER NAME = keithbr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION	F.A.I. RTE. I-74 I-74	SECTION 190-6.7,14X3-16,17,57-17H	COUNTY TAZEWELL WOODFORD	TOTAL SHEETS 7	SHEET NO. 4
		DRAWN -	REVISED -			CONTRACT NO. 68C02				
		PLOT SCALE = 100.0000' / in.	CHECKED -			ILLINOIS FED. AID PROJECT				
		PLOT DATE = 5/29/2015	DATE -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	



I-474

- ① EX. STABILIZED SUB-BASE
- ② EX. SUB-BASE GRANULAR MATERIAL TYPE C
- ③ EX. CONTINUOUSLY REINFORCED P.C.C. PAVEMENT 9"
- ④ EX. STANDARD REINFORCED P.C.C. PAVEMENT 10"
- ⑤ EX. PIPE UNDERDRAIN, 4" OR 6"
- ⑥ EX. HMA OVERLAY 5"
- ⑦ EX. AREA REFLECTIVE CRACK CONTROL
- ⑧ EX. HMA SHOULDER
- ⑨ EX. AGGREGATE SHOULDER, TYPE B
- ⑩ PROP. LONGITUDINAL JOINT REPAIR

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		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-74 I-474	(90-6.7,14;x3-16,17;57-17)I	TAZEWELL WOODFORD	7	5
CONTRACT NO. 68C02				
ILLINOIS FED. AID PROJECT				

MOBILIZATION	
LOCATION	L SUM
TAZEWELL COUNTY	0.3
WOODFORD COUNTY	0.7
TOTAL	1

TRAFFIC CONTROL & PROTECTION STD 701406	
LOCATION	L SUM
TAZEWELL COUNTY	0.3
WOODFORD COUNTY	0.7
TOTAL	1

TRAFFIC CONTROL & PROTECTION STD 701411	
LOCATION	EACH
TAZEWELL COUNTY	8
WOODFORD COUNTY	7
TOTAL	15

RAISED REFLECTIVE PAVEMENT MARKING REMOVAL	
LOCATION	EACH
TAZEWELL COUNTY	
I-74	
Eastbound lane	20
Westbound lane	30
I-474	
Eastbound lane	50
Westbound lane	50
TOTAL FOR TAZEWELL COUNTY	150
WOODFORD COUNTY	
I-74	
Eastbound lane	60
Westbound lane	50
TOTAL FOR WOODFORD COUNTY	110
TOTAL	260

SPEED DISPLAY TRAILER	
LOCATION	CAL MO
TAZEWELL COUNTY	0.5
WOODFORD COUNTY	0.5
TOTAL	1

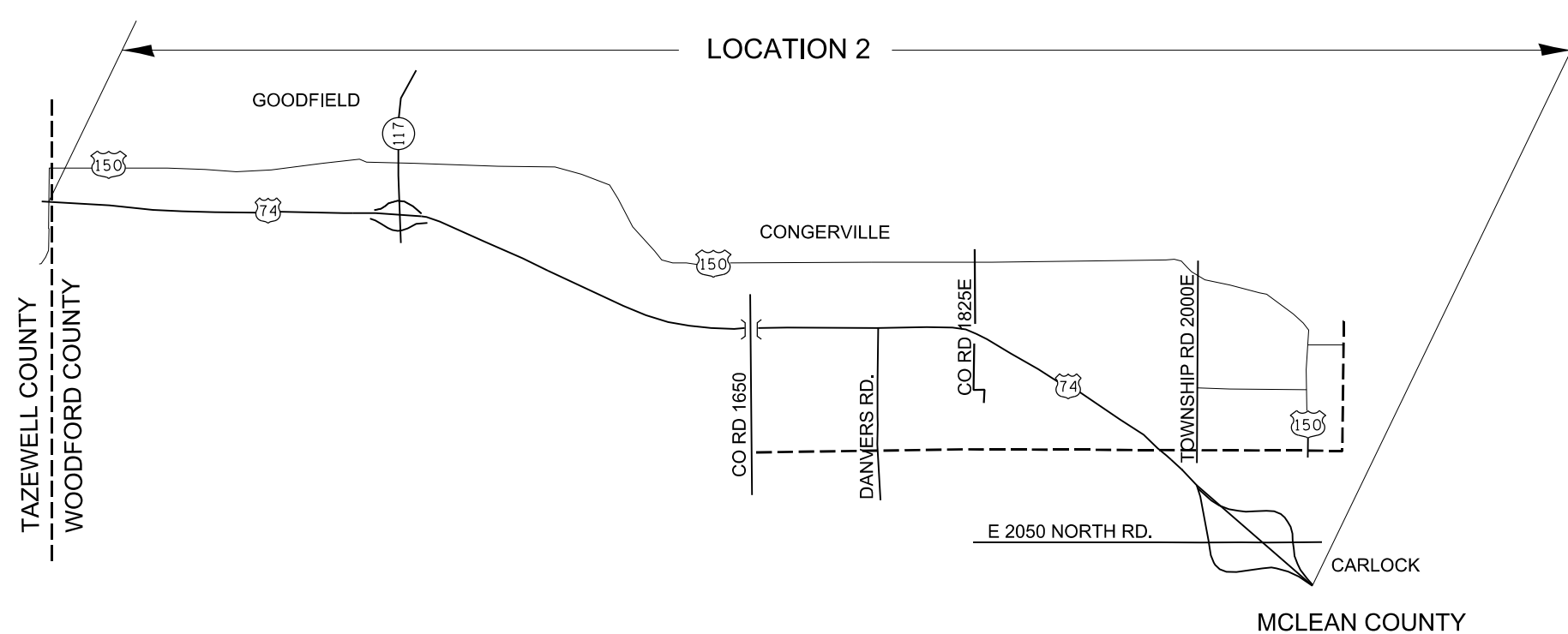
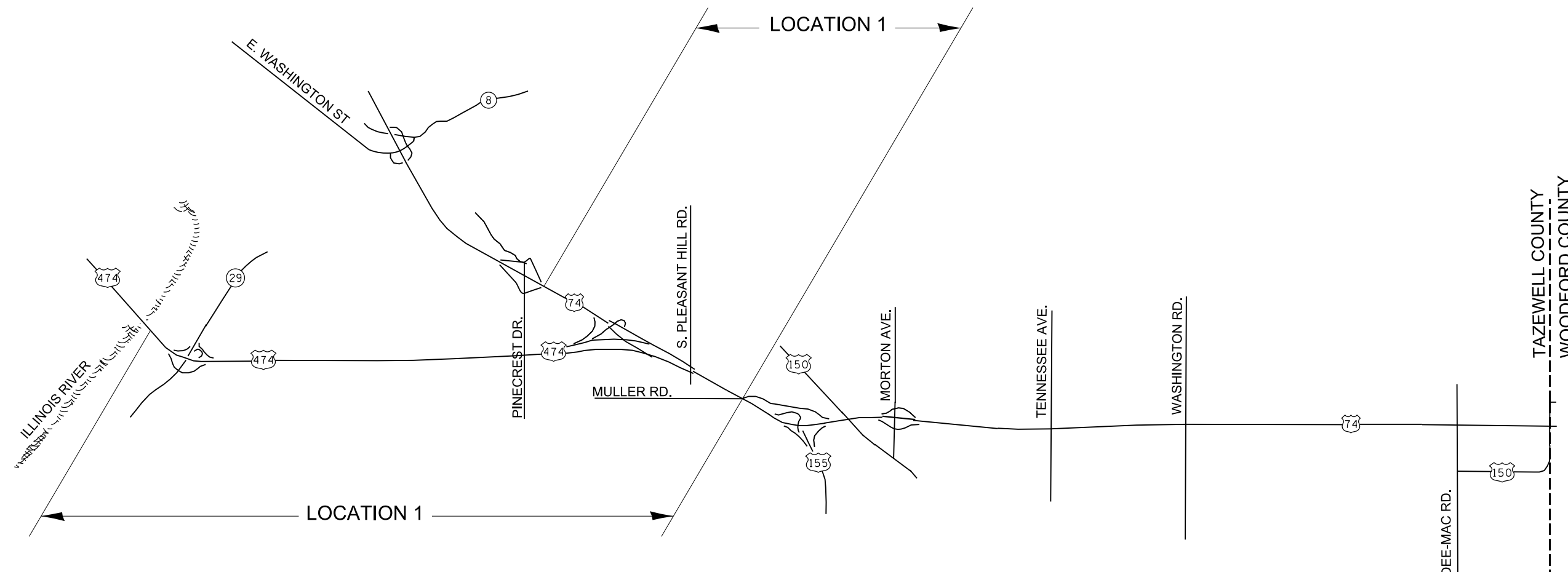
SHORT-TERM PAVEMENT MARKING	
LOCATION	
TAZEWELL COUNTY	
I-74	
Eastbound lane	380
Westbound lane	480
I-474	
Eastbound lane	900
Westbound lane	860
TOTAL FOR TAZEWELL COUNTY	2,620
WOODFORD COUNTY	
I-74	
Eastbound lane	1,780
Westbound lane	1,540
TOTAL FOR WOODFORD COUNTY	3,320
TOTAL	5,940

WORK ZONE PAVEMENT MARKING REMOVAL	
LOCATION	SQ FT
TAZEWELL COUNTY	
I-74	
Eastbound lane	127
Westbound lane	160
I-474	
Eastbound lane	300
Westbound lane	287
TOTAL FOR TAZEWELL COUNTY	874
WOODFORD COUNTY	
I-74	
Eastbound lane	600
Westbound lane	520
TOTAL FOR WOODFORD COUNTY	1,120
TOTAL	1,994

LONGITUDINAL JOINT REPAIR*				
LOCATION	CENTER	INSIDE SHLD.	OUTSIDE SHLD.	FT
	FT	FT	FT	
TAZEWELL COUNTY				
I-74				
Eastbound lane	3,000		2,000	5,000
Westbound lane	4,000		2,000	6,000
I-474				
Eastbound lane	7,000		5,000	12,000
Westbound lane	7,000		4,000	11,000
TOTAL FOR TAZEWELL COUNTY	21,000		13,000	34,000
WOODFORD COUNTY				
I-74				
Eastbound lane	9,000	2,000	20,000	31,000
Westbound lane	9,000	1,000	15,000	25,000
TOTAL FOR WOODFORD COUNTY	18,000	3,000	35,000	56,000
TOTAL				90,000

* FINAL LOCATIONS TO BE DETERMINED BY THE RESIDENT ENGINEER

PAINT PAVEMENT MARKINGS			
LOCATION	EDGE LINE 4"		CENTER LINE 6"
	YELLOW	WHITE	WHITE
	FT	FT	FT
TAZEWELL COUNTY			
I-74			
Eastbound lane		2,000	750
Westbound lane		2,000	1,000
I-474			
Eastbound lane		5,000	1,750
Westbound lane		4,000	1,750
TOTAL FOR TAZEWELL COUNTY		13,000	5,250
WOODFORD COUNTY			
I-74			
Eastbound lane	2,000	20,000	2,250
Westbound lane	1,000	15,000	2,250
TOTAL FOR WOODFORD COUNTY	3,000	35,000	4,500
TOTAL		51,000	9,750



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINE DIAGRAM				
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F.A. RTE. 1-74 1-474	SECTION (90-6,7,14;X3-16,17;57-17)I	COUNTY TAZEWELL WOODFORD	TOTAL SHEETS 7	SHEET NO. 7
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