

01-15-2016 LETTING ITEM 042

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

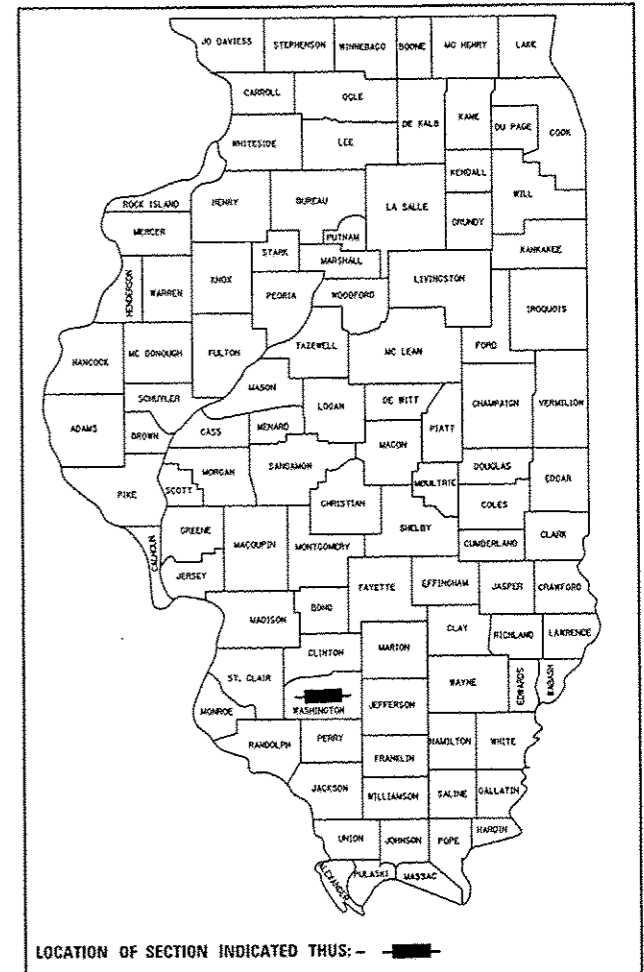
FAI ROUTE 64 (I-64)
SECTION 95-(1,2,3,4,5,6)I-2

PATCHING I-64 FROM CLINTON COUNTY LINE
TO JEFFERSON COUNTY LINE
WASHINGTON COUNTY

C-98-007-16

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	SECTION 95-(1,2,3,4,5,6)I-2	WASHINGTON	6	1
		ILLINOIS	CONTRACT NO. 76J34	

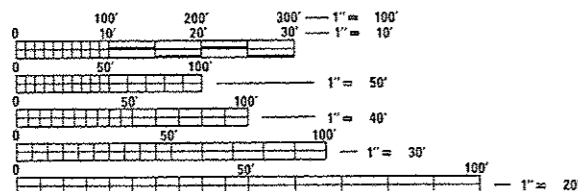
D-98-009-16



FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT

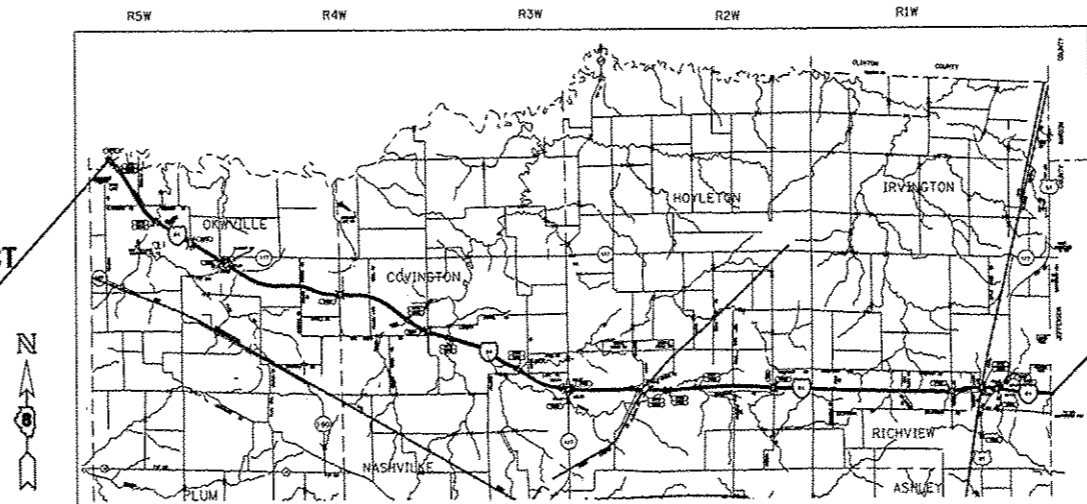
2013 ADT = 22800 (ACTUAL)
2015 ADT = 23300 (ESTIMATED)
2035 ADT = 28,400 (ESTIMATED)
SU = 2.9%, MU = 25.4%



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

BEGIN PROJECT
MS 0.00



END PROJECT
MS 25.74



GROSS LENGTH = 135907 FT. = 25.74 MILE
NET LENGTH = 135907 FT. = 25.74 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *Oct 16 2015*
Jeffrey Z. Keenan
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

Dec 4 2015
John D. Baranzoni PE
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 4 2015
Omer Osman PE
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PROJECT ENGINEER - TIM PADGETT (618) 346-3325
PROJECT MANAGER - LIZ BURNSIDE (618) 346-3196

CONTRACT NO. 76J34

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS, HIGHWAY STANDARDS, COMMITMENTS AND GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5 SCHEDULE OF QUANTITIES
- 6 DETAILS

HIGHWAY STANDARDS

- 000001-06
- 001001-02
- 001006
- 420001-08
- 442001-04
- ~~701101-04~~
- 701106-02
- 701400-08
- 701401-09
- 701901-04

COMMITMENTS

NONE

GENERAL NOTES

- ① ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. (1-800-892-0123 OR 811) OR FOR NON-MEMBERS THE UTILITY COMPANY DIRECTLY.
- ② "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS AND REQUIRED RAMPS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE. (48"X48")
- ③ FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE APPLIED.
- ④ THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- ⑤ EXCESS BITUMEN REMOVAL SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- ⑥ THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE REQUIREMENTS	
ROUTE	FAI 64 (I-64)
SECTION	95-(1,2,3,4,5,6)I-2
COUNTY	WASHINGTON
CONTRACT	76J34
DESCRIPTION:	PAVEMENT PATCHING ALONG I-64 FROM CLINTON COUNTY LINE TO JEFFERSON COUNTY LINE
ADT (Construction Yr)	22800
MU%:	25
SU%:	3
20 YR. ESAL'S:	30.59
MIXTURE USE	PARTIAL DEPTH PATCHING
AC/PG	SBS PG 76-22
RAP % (MAX)	SEE SPECS.
DESIGN AIR VOIDS	4.0% @ NDES=90
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5
FRICTION AGG	MIXTURE "E"
QUALITY MGMT PROGRAM	OC/OA

- ⑦ QUANTITIES FOR TWO (2) FRENCH DRAINS WERE ADDED TO THE PROJECT TO USE AS DIRECTED BY THE RESIDENT ENGINEER.
- ⑧ 1400 FEET OF PAINT PAVEMENT MARKING - LINE 4" HAS BEEN ADDED TO THE PLANS TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER.
- ⑨ HIGH EARLY STRENGTH CONCRETE MIX SHALL BE USED FOR ALL PCC PATCHING.
- ⑨ IF ANY PIPE UNDERDRAINS ARE DAMAGED DURING THE TRENCH DRAINS CONSTRUCTION THEY SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

FILE NAME :	USER NAME : BurnsideEM	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11884810\INTEG\Illinois\gov\PI001\Documents\1001 Offices\District 8\Projects\087-DRAWING\0876J34\0876J34-sht-plan.dgn	PROJECT: 0876J34	CHECKED -	REVISED -			64	95-(1,2,3,4,5,6)I-2	WASHINGTON	6	2	
PLOT SCALE = 100.0000' / 1" / 1"	DATE -	DATE -	DATE -			CONTRACT NO. 76J34					
PLOT DATE = 10/28/2015	DATE -	DATE -	DATE -			ILLINOIS FED. AID PROJECT					
Default				SCALE:	SHEET OF SHEETS	STA.	TO STA.				

SUMMARY OF QUANTITIES

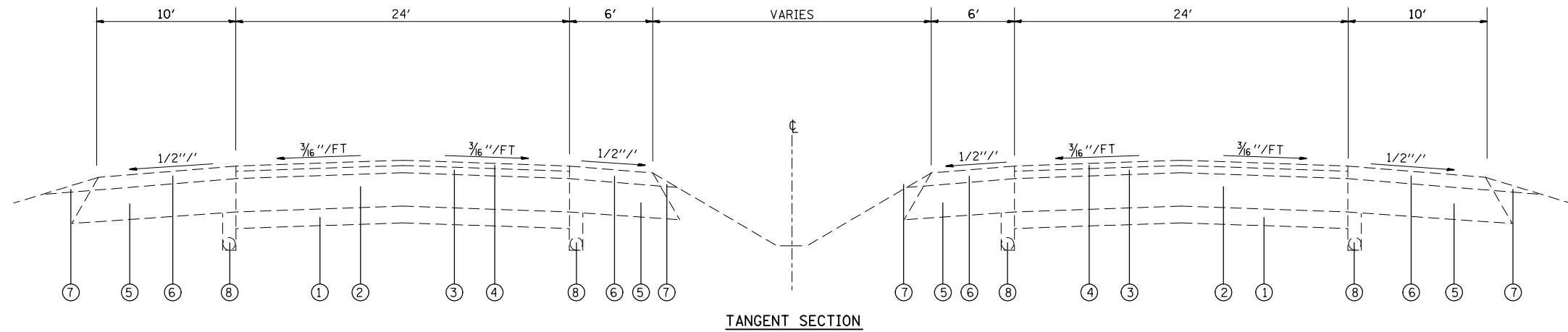
SUMMARY OF QUANTITIES				CONSTR. CODE
				100% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0005 S. N.
44004250	PAVED SHOULDER REMOVAL	SQ YD	4	4
44200577	CLASS A PATCHES, TYPE II, 12 INCH	SQ YD	46	46
44200583	CLASS A PATCHES, TYPE IV, 12 INCH	SQ YD	920	920
44213000	PATCHING REINFORCEMENT	SQ YD	966	966
44213200	SAW CUTS	FOOT	2056	2056
44213204	TIE BARS 3/4"	EACH	338	338
48203100	HOT-MIX ASPHALT SHOULDERS	TON	3	3
60100080	FRENCH DRAINS	CU YD	3.3	3.3
60100085	GEOTECHNICAL FABRIC FOR FRENCH DRAINS	SQ YD	46	46
67100100	MOBILIZATION	LSUM	1	1
70100350	TRAFFIC CONTROL AND PROTECTION, STANDARD 701101	EACH	2	2
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	LSUM	1	1
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1400	1400
X4406220	PARTIAL DEPTH REMOVAL, TYPE II, 2"	SQ YD	176	176

SUMMARY OF QUANTITIES				CONSTR. CODE
				100% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0005 S. N.
X4406420	PARTIAL DEPTH REMOVAL, TYPE III, 2"	SQ YD	322	322
X4406620	PARTIAL DEPTH REMOVAL, TYPE IV, 2"	SQ YD	153	153
X4421000	PARTIAL DEPTH PATCHING	TON	73	73
X7010410	SPEED DISPLAY TRAILER	CAL MO	2	2

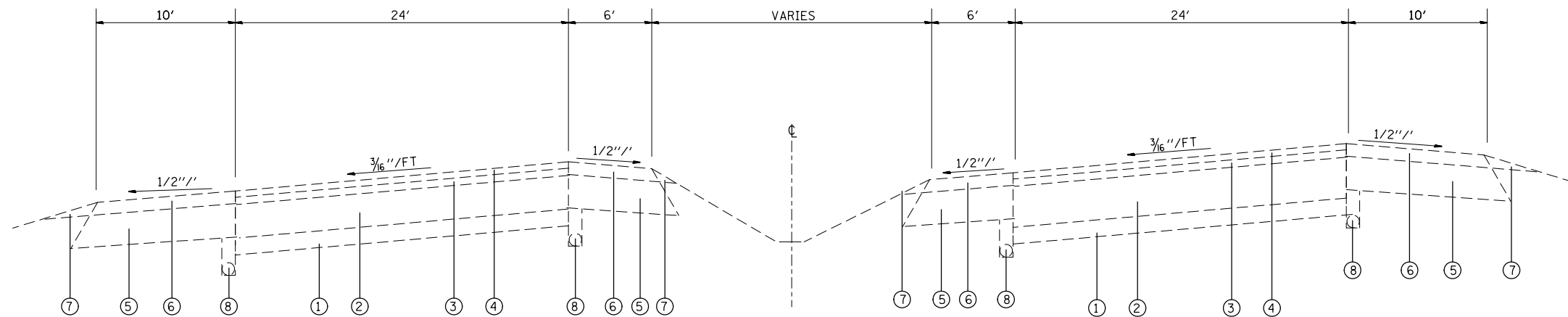
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* SPECIALTY ITEM

FILE NAME =	USER NAME = BurnsideEM	DESIGNED =	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pl\1\884EBID\INTEG\Illinois.gov\PI007\Docu...	...anta\1007 Offices\District 8\Projects\087...			64	95-11,2,3,4,5,611-2	WASHINGTON	6	3
Default	PLOT SCALE = 100.0000' / 1" / 1"	CHECKED =	REVISED =		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
	PLOT DATE = 10/28/2015	DATE =	REVISED =							
										ILLINOIS FED. AID PROJECT



TANGENT SECTION



SUPERELEVATED SECTION

LEGEND

- ① EXISTING STABILIZED SUB-BASE - 4"
- ② EXISTING CONTINUOUSLY REINFORCED P.C.C. PAVEMENT - 8"
- ③ EXISTING HMA BINDER COURSE, TYPE 1, 1-3/4"
- ④ EXISTING HMA SURFACE COURSE, MIX D, 1-1/2"
- ⑤ EXISTING STABILIZED SHOULDER, 8"
- ⑥ EXISTING HMA SHOULDER, 3-1/4"
- ⑦ EXISTING AGGREGATE SHOULDERS
- ⑧ EXISTING PIPE UNDERDRAINS, 6"

FILE NAME =	USER NAME = BurnsideEM	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 8\Projects\0876\DRAWING\DATA\EA0\sheets\0876J34-sht-plan.dwg		DRAWN -	REVISED -
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	PLOT DATE = 10/20/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	95-(1,2,3,4,5,6)I-2	WASHINGTON	6	4
CONTRACT NO. 76J34			ILLINOIS FED. AID PROJECT	

