01-15-2016 LETTING ITEM 042

FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT

2013 ADT = 22800 (ACTUAL) 2015 ADT = 23300 (ESTIMATED) STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

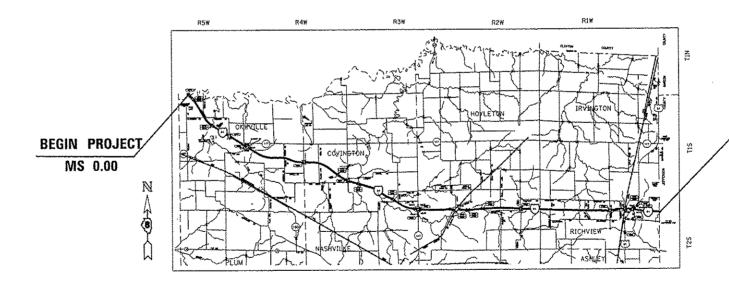
DIVISION OF HIGHWAYS

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



GROSS LENGTH = 135907 FT. = 25.74 MILE

NET LENGTH = 135907 FT. = 25.74 MILE

D-98-009-16

64 SECTION 95-(1,2,3,4,5,6)1-2 WASHINGTON 6 1

ILLINOIS CONTRACT NO. 76J34



END PROJECT MS 25.74

> STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

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.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811

PROJECT ENGINEER - TIM PADGETT (618) 346-3325

PROJECT MANAGER - LIZ BURNSIDE (618) 346-3196

CONTRACT NO. 76J34

2035 ADT = 28,400 (ESTIMATED) SU = 2.9%, MU = 25.4%

0

0

0

0

INDEX OF SHEETS

- COVER SHEET
 INDEX OF SHEETS, HIGHWAY
 STANDARDS, COMMITMENTS
 - AND GENERAL NOTES
 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 COUNTY LINE TO JEFFERSON	· · · · · · · · · · · · · · · · · · ·
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"	-
OUALITY MGMT PROGRAM	OC/OA	

- OUANTITIES FOR TWO (2) FRENCH DRAINS WERE ADDED TO THE PROJECT TO USE ASDIRECTED 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 = BurnasdeEM	DESIGNED ~	REVISEO -								F.A.I. RTE.	SECTION	COUNTY	TOTAL S	HEET NO.
pm/\1L884EBIDINTEG.31\1nosa.govsPVI00T\Do	sumental1001 Offices/Gistrict BlPrajectal087	DRXM90ata\EADshaots\D876J34-aht-plan.	gREVISED -	STATE OF ILLINOIS			TYPIC/	AL SECTI	ONS		64	95-(1,2,3,4,5,6)1-2	WASHINGTON	1 6	г
1	PLOT SCALE = 180.8000 1/ in.	CHECKED -	REVISEO -	DEPARTMENT OF TRANSPORTATION									CONTRAC	T NO. 76	J34
Default	PLOT DATE = 18/28/28/5	DATE -	REVISED -		SCALEs	SHEET	OF .	SHEETS	STA.	TO STA.		ILLINOIS FED. A	D PROJECT		

SUMMARY OF QUANTITIES

			1	CONSTR. COD
	SUMMARY OF QUANTITI	ES	4	100% STATE
			1	ROADWAY
CODE		d and a grant and	TOTAL	0005
NO.	ITEM	UNIT	QUANTITY	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	SO 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	SO YD	46	46
67100100	MOBILIZATION	LSUM	1	1
70100350	TRAFFIC CONTROL AND PROTECTION, STANDARD 701101	EACH	7	
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"	SO, YD	176	176

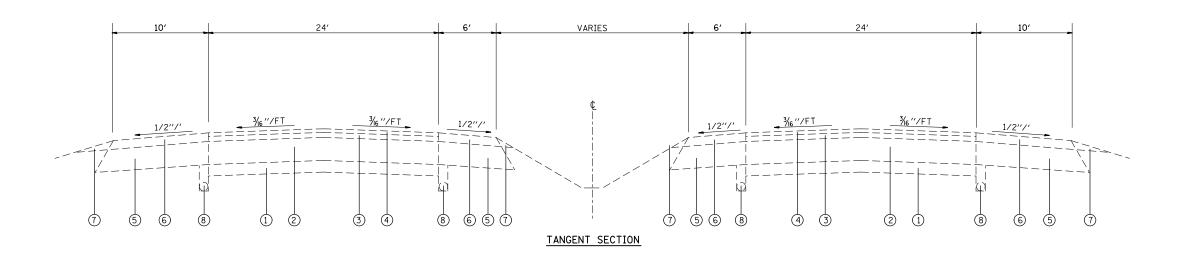
SUMMARY OF QUANTITIES								
CODE NO.	ITEM UNIT QUANTITY							
X4406420	PARTIAL DEPTH REMOVAL, TYPE III, 2"	SQ YD	322	322				
X4406620	PARTIAL DEPTH REMOVAL, TYPE IV, 2"	SQ YD	153	153				
X4421000	PARTIAL DEPTH PATCHING	TON	73	73				
X7010410	SPEED DISPLAY TRAILER	CAL MO	2	2				

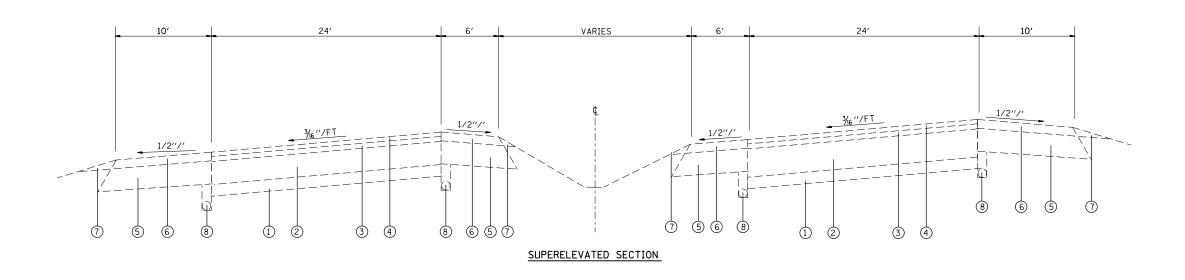
1Å

* SPECIALTY ITEM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

*****	CHRARADV OF CHARITITIES					F.A.I. RTE.	SECTION	COUNTY	TOTAL			
1			SUMMAR	of Qu	64	95-(1,2,3,4,5,6)1-2	WASHINGTON	6	3			
1									CONTRACT	NO.	76J34	
1	SCALE	SHEET	OF .	SHEETS	STA.	TO STA.	ILLINOIS FEO. AID PROJECT					





LEGEND

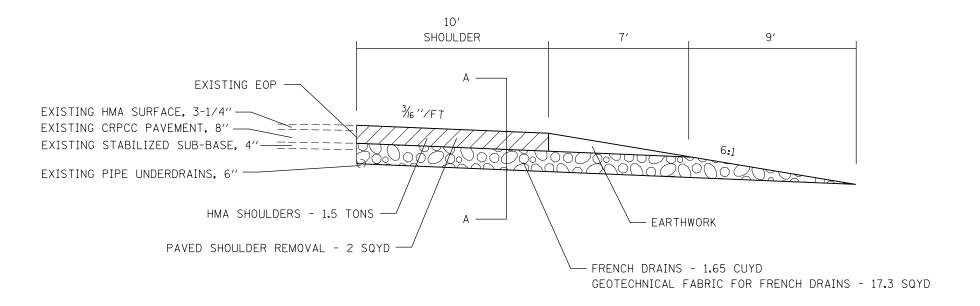
- 1 EXISTING STABILIZED SUB-BASE 4"
- 2 EXISTING CONTINUOUSLY REINFORCED P.C.C. PAVEMENT 8"
- (3) EXISTING HMA BINDER COURSE, TYPE 1, 1-3/4"
- 4 EXISTING HMA SURFACE COURSE, MIX D, 1-1/2"
- (5) EXISITNG STABILIZED SHOULDER, 8"
- 6 EXISTING HMA SHOULDER, 3-1/4"
- 7 EXISTING AGGREGATE SHOULDERS
- 8 EXISTING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

Π	FILE NAME =	USER NAME = BurnsideEM	DESIGNED -	REVISED -							F.A.I.	SECTION	COUNTY	TOTAL SI SHEETS	HEET NO.
	pw:\\ILØ84EBIDINTEG.:ll:no:s.gov:PWIDOT\Do	cuments\IDOT Offices\District 8\Projects\D87	SJ DR XWAW Data\€ADsheets\D876J34-sht-plan.	gREVISED -	STATE OF ILLINOIS			TYPI	ICAL SECTIONS		64	95-(1,2,3,4,5,6)I-2	WASHINGTON		4
		PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION									CT NO. 76	J34
	Default	PLOT DATE = 10/20/2015	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		

	CLASS	A PAVEN	MENT PA	TCHING 12	2 INCH SC	HEDULE				
LOCATION	LANE	LENGTH	LANE WIDTH	CLASS A PATCH TYPE II	CLASS A PATCH TYPE IV	PATCHING REINF.	TIE BARS NO. 6	SAWCUT		
		(FT)	(FT)	(SQ YD)	(SQ YD)	(SQ YD)	(EACH)	(FT)		
I-64 EAS	TBOUND									
9.56	OUTSIDE	65.0	12.0		86.7	86.7	32	178.0		
15.36	OUTSIDE	240.0	12.0		320.0	320.0	119	528.0		
15.66	OUTSIDE	80.0	12.0		106.7	106.7	39	208.0		
20.76	OUTSIDE	8.0	12.0	10.7		106. 7 39 208.0 10. 7 64.0				
24.56	OUTSIDE	6.0	12.0	8.0		8.0		60.0		
I-64 WES	STBOUND									
13.52	OUTSIDE	35.0	12.0		46.7	46.7	17	118.0		
13.52	OUTSIDE	6.0	12.0	8.0		8.0		60.0		
13.52	OUTSIDE	80.0	12.0		106.7	106.7	39	208.0		
15.42	OUTSIDE	10.0	12.0	13.3		13.3		68.0		
17.12	OUTSIDE	40.0	12.0		53.3	53.3	19	128.0		
17.12	OUTSIDE	60.0	12.0		80.0	80.0	29	168.0		
	SUBTOTAL:			40.0	800.0	840.0	294.0	1788.0		
ANTICIF	PATED FAILUR	RES (15%) :	6.0	120.0	126.0	44.1	268.2		
	TOTAL:			46	920	966	338	2056		

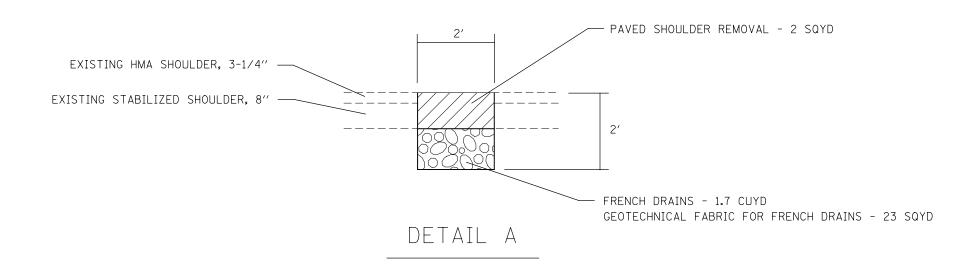
		PAF	RTIAL DI	EPTH HOT MIX ASF	PHALT PATCHING		
LOCATION	LANE	LENGTH	LANE WIDTH	PARTIAL DEPTH REMOVAL, TYPE II, 2"	PARTIAL DEPTH REMOVAL, TYPE III, 2"	PARTIAL DEPTH REMOVAL, TYPE IV, 2"	PARTIAL DEPTH PATCHING
		(FT)	(FT)	(SQ. YD.)	(SQ. YD.)	(SQ. YD.)	(TON)
I-64 EA	STBOUND						
15.5	OUTSIDE	50.0	12.0		66. 7		7.5
17.16	OUTSIDE	100.0	12.0			133.3	14.9
24.16	OUTSIDE	10.0	12.0	13.3			1.5
24.36	OUTSIDE	15.0	12.0	20.0			2. 2
24.5	OUTSIDE	30.0	12.0	40.0			4.5
I-64 W	ESTBOUND						
15.92	OUTSIDE	20.0	12.0	26. 7			3.0
15.92	OUTSIDE	40.0	12.0		53.3		6.0
15.92	INSIDE	40.0	12.0		53. 3		6.0
15.42	OUTSIDE	40.0	12.0		53.3		6.0
15.42	INSIDE	20.0	12.0	26. 7			3.0
15.42	OUTSIDE	20.0	12.0	26.7			3.0
15.42	INSIDE	40.0	12.0		53. 3		6.0
	SUBTOTAL	0		153.3	280.0	133.3	63.5
ANTIC	RES (15%)	8	23.0	42.0	20.0	9. 5	
	TOTAL:			176	322	153	73

FILE NAME =	USER NAME = BurnsideEM	DESIGNED -	REVISED -								F.A.I.	SECTION	COUNTY	TOTAL SHEET SHEET NO.
pw:\\ILØ84EBIDINTEG.:ll:nois.gov:PWIDOT\Do	cuments\IDOT Offices\District 8\Projects\D87	o JDRXWMW Data\€ADsheets\D876J34-sht-plan.	gREVISED -	STATE OF ILLINOIS	TYPICAL SECTIONS							95-(1,2,3,4,5,6)I-2	WASHINGTON	6 5
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION								00 (1)2,0,1,0,0,1	CONTRAC	T NO. 76J34
Default	PLOT DATE = 10/20/2015	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				TO STA.		ILLINOIS FED.	AID PROJECT		



FRENCH DRAINS

NOTE:
ALL EARTHWORK, SEEDING, MULCH, AND FERTILIZER
REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED
IN THE COST PER TON FOR FRENCH DRAINS.



FILE NAME =	USER NAME = BurnsideEM	DESIGNED -	REVISED -								F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	JOHEEL
pw:\\ILØ84EBIDINTEG.:1ll:nois.gov:PWIDOT\[Ocuments\IDOT Offices\District 8\Project		J34-sht-plan.dgREVISED -	STATE OF ILLINOIS		FRENCH DRAINS DETAIL				64 95-(1,2,3,4,5,6)I-2		WASHINGTON	6 ۱۸	6	
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION								CONTRAC	T NO.	76J34	
Default	PLOT DATE = 10/20/2015	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				ILLINOIS FED.		AID PROJECT				