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#### **HIGHWAY STANDARDS**

000001-07

001006

701321-17

701501-06

701901-08 704001-08

780001-05



# **GENERAL NOTES**

1. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

UTILITY	ABOVE GROUND	BELOW GROUND
*ADB COMPANIES	Х	Х
*AMEREN ILLINOIS	Х	Х
*AT&T ILLINOIS	Х	Х
*CHARTER COMMUNICATIONS, INC.	X	Х
*CITY OF EDWARDSVILLE		Х
*VERIZON BUSINESS	X	Х
*NORTHEAST CENTRAL COUNTY PUBLIC WATER DISTRICT		X

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY \*. NON- J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

- THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING SHOWN IN THE PLAN SHEETS WAS CREATED USING MICROFILM. IT SHALL BE ASSUMED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS
- THE PROPOSED PAVEMENT MARKING SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKING, AS DIRECTED BY THE ENGINEER.
- 4. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
- 5. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	SURFACE
AC/PG	PG 64-22
RAP % (MAX)	SEE SPECIAL PROVISION
DESIGN AIR VOIDS	4.0% @ Ndes=70
MIX COMPOSITION (Gradation)	IL 9.5
FRICTION AGG	MIXTURE "D"
QUALITY MGMT PROGRAM	QC/QA

PLAN QUANTITIES FOR HOT-MIX ASPHALT ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN.

- 6. WHERE PERMANENT RRPM ARE PRESENT AND CONFLICT WITH THE REVISED TRAFFIC PATTERNS ONLY THE REFLECTORS SHALL BE REMOVED AND PAID FOR AS RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (7 TOTAL).
- 7. THE BOTTOM 6" OF THE TEMPORARY CONCRETE BARRIER SHALL BE PAINTED WITH TEMPORARY PAVEMENT MARKING CONSISTENT WITH TRAFFIC CONTROL. THIS WILL BE MEASURED FOR PAYMENT BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF TEMPORARY CONCRETE BARRIER AND NO OTHER COMPENSATION SHALL BE ALLOWED.

SCALE:

## **COMMITMENTS**

PASTOR JACK TOWNSEND OF CHURCH OF GOD IN CHRIST CONGREGATIONAL MUST BE NOTIFIED BY THE RESIDENT ENGINEER TWO WEEKS PRIOR TO THE PLACEMENT OF THE TEMPORARY TRAFFIC SIGNALS FOR THE CHURCH PARKING LOT AT THE ENTRANCE ON IL 143.

- 618-656-1860

# PERTINENT\_INFORMATION

THE FOLLOWING SHALL BE NOTIFIED OF THE ROAD CLOSURES TWO WEEKS PRIOR TO CLOSURE:

- FIRE DEPARTMENT AND AMBULANCE 618-692-7540
- EDWARDSVILLE SCHOOL DISTRICT: DR. LYNDA ANDRE 618-656-1182
- FIRST STUDENT 618-692-4290

TO STA.

⚠ REV. 6-4-2019

	USER NAME = leej	DESIGNED -	REVISED -
İ		DRAWN -	REVISED -
İ	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/28/2019	DATE -	REVISED -

SHEET 1 OF 1 SHEETS STA.

	CODE NO.	ITEM	UNIT	100% MCHD TOTAL QUANTITY	BRIDGE 0013 060-0188	
4	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	6	6	
4	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	2	2	
4	42000500	PORTLAND CEMENT CONCRETE PAVEMENT 10"	SQ YD	4	4	
4	44000100	PAVEMENT REMOVAL	SQ YD	4	4	
4	44000157	HOT-MIX ASPHALT SURFACE REMOVAL,2"	SQ YD	3	3	
,	50400105	PRECAST CONCRETE BRIDGE SLAB	SQ FT	61	61	
į	50900205	STEEL RAILING, TYPE S1	FOOT	60	60	
į	54002020	EXPANSION BOLTS 3/4 INCH	EACH	22	22	
Г	63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	F00T	50	<del></del>	$\mathcal{T}$
k [	63301215	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE B	FOOT	12.5	12.5	. 3
k (	63301990	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE1	EACH	1	$\frac{1}{1}$	~ ~
< (	63302500	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 5A	EACH	1	1	1
<del>بار</del> ا	67100100	MOBILIZATION	L SUM	1	1	سر ا
[- -	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
  -  -	70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1	
[-	70106700	TEMPORARY RUMBLE STRIPS	EACH	3	3	
L S	SPECIALTY I	  TEM				

⚠ REV. 6-4-2019

COUNTY TOTAL SHEET NO.

MADISON 12 3 F.A.P. RTE. 789 USER NAME = leej DESIGNED -REVISED SECTION STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES DRAWN REVISED 65B-R-2 CONTRACT NO. 76M23 PLOT SCALE = 100.0000 ' / in. CHECKED -REVISED -PLOT DATE = 2/5/2019 DATE REVISED -SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

CONSTR. CODE

URBAN

URBAN 100% MCHD CONSTR. CODE

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ITEM	UNIT	TOTAL QUANTITY	BRIDGE 0013 060-0188
PAVEMENT MARKING BLACKOUT TAPE, 5"	FOOT	975	975
CHANCEARI E MESSACE SIGNI	CALDA	40	40
OTANGLABLE WESSAGE SIGN	CALDA	40	40
SHORT TERM PAVEMENT MARKING	FOOT	17	17
SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	412	412
TEMPORARY CONCRETE BARRIER	FOOT	175	175
IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2
THERMOPLASTIC PAVEMENT MARKING - LINE4"	FOOT	17	17
REPLACEMENT REFLECTOR	EACH	7	7
RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	7	7
REMOVAL OF EXISTING PRECAST CONCRETE UNITS	SQ FT	61	61
STEEL RAILING REMOVAL	FOOT	£ 60	60
TRAFFIC CONTROL AND PROTECTION, STANDARD 701321 (SPECIAL)	EACH	1	1
	PAVEMENT MARKING BLACKOUT TAPE, 5"  CHANGEABLE MESSAGE SIGN  SHORT TERM PAVEMENT MARKING  SHORT TERM PAVEMENT MARKING REMOVAL  TEMPORARY CONCRETE BARRIER  IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3  THERMOPLASTIC PAVEMENT MARKING - LINE4"  REPLACEMENT REFLECTOR  RAISED REFLECTIVE PAVEMENT MARKER REMOVAL  REMOVAL OF EXISTING PRECAST CONCRETE UNITS  STEEL RAILING REMOVAL	PAVEMENT MARKING BLACKOUT TAPE, 5"  FOOT  CHANGEABLE MESSAGE SIGN  CAL DA  SHORT TERM PAVEMENT MARKING  SHORT TERM PAVEMENT MARKING REMOVAL  SQ FT  TEMPORARY CONCRETE BARRIER  FOOT  IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3  EACH  THERMOPLASTIC PAVEMENT MARKING - LINE4"  FOOT  REPLACEMENT REFLECTOR  EACH  RAISED REFLECTIVE PAVEMENT MARKER REMOVAL  EACH  REMOVAL OF EXISTING PRECAST CONCRETE UNITS  SQ FT  STEEL RAILING REMOVAL  FOOT	ITEM  UNIT QUANTITY  PAVEMENT MARKING BLACKOUT TAPE, 5°  FOOT 975  CHANGEABLE MESSAGE SIGN  CAL DA 40  SHORT TERM PAVEMENT MARKING  FOOT 17  SHORT TERM PAVEMENT MARKING REMOVAL  TEMPORARY CONCRETE BARRIER  FOOT 175  IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3  EACH 2  THERMOPLASTIC PAVEMENT MARKING - LINE4°  FOOT 17  REPLACEMENT REFLECTOR  EACH 7  RAISED REFLECTIVE PAVEMENT MARKER REMOVAL  SQ FT 61  STEEL RAILING REMOVAL  FOOT 60

⚠ REV. 6-4-2019

\* SPECIALTY ITEM

USER NAME = leej	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/5/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CHARACADY OF CHARACTERS		_	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHE			
SUMMARY OF QUANTITIES				789	65B-R-2	MADISON	12	4		
						_!		CONTRACT	NO. 76	5M2
CHEET 2	OE	2	CHEETC	CTA	TO CTA		Lucinose Leep 4	ID DOOLECT		

	RESURFACING SCHEDULE									
LOCATION		BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE REMOVAL,2"	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70					
STATION	STATION	POUND	SQ YD	SQ YD	TON					
25+93.00 To	0 26+09.31	6	3	4	2					
TOTAL		6	3	4	2					

	CONCRETE SCHEDULE									
LOC	CATION	LENGTH 1	LENGTH 2	WIDTH	DEPTH	PORTLAND CEMENT CONCRETE PAVEMENT 10"	PRECAST CONCRETE BRIDGE SLAB	EXPANSION BOLTS 3/4 INCH	REMOVAL OF EXISTING PRECAST CONCRETE UNITS	
STATION	STATIC	N FEET	FEET	FEET	FEET	SQ YD	SQ FT	EACH	SQ FT	
25 102 00	TO 26+09.	15.9167	16.3125	3.75	-		60.43		60.43	
25+95.00	10/20+09.	16.3125	-	2.00	0.83	3.63		22.00		
	·	TOT	4L	·	·	4	61	22	61	

					RAILING SCHED	ULE		
	LOCAT	ION	LENGTH	STEEL RAILING REMOVAL	STEEL RAILING, TYPE S1	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE B		REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE5A
		STATION		FOOT	FOOT	FOOT	EACH	EACH
	25+48.92 TO	26+08.92	60.00 }	△{60.0}	△ 60.0 }			
۸	26+08.92 TO	26+22.17	13.25					△{ 1.0 }
<u> </u>	26+08.92 TO	26+21.42	12.50			△{12.5}		***************************************
	26+21.42 TO	26+71.42	50.00				1.0	
	TOTA	ĄL		△{60.0}	△{60.0}	△{12.5}	1.0	△{1.0}

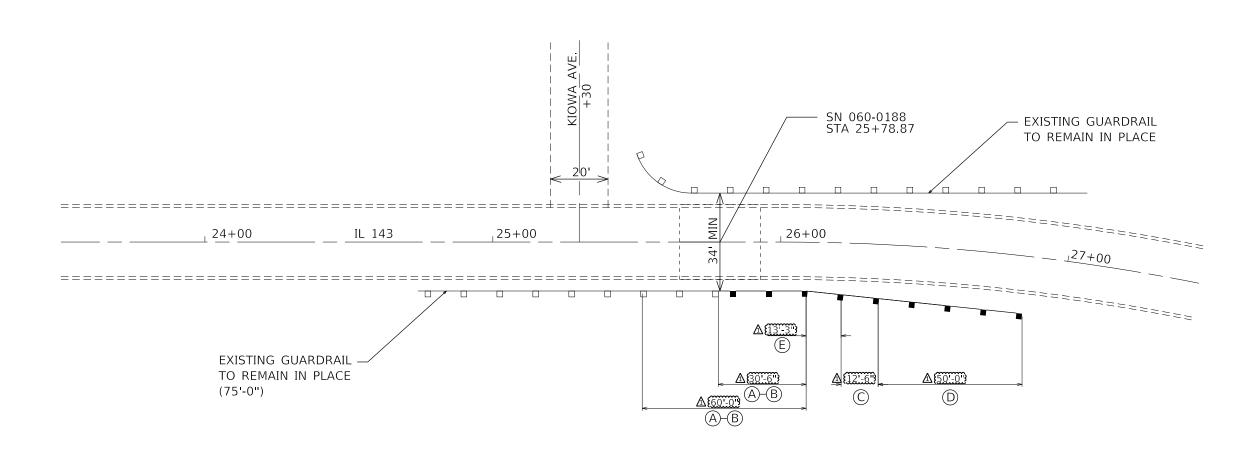
	PAVEMENT MARKING SCHEDULE									
LOG	CAT	ION	PAVEMENT MARKING BLACKOUT TAPE, 5"	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	THERMOPLASTIC PAVEMENT MARKING - LINE4"	REPLACEMENT REFLECTOR	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL		
STATION		STATION	FOOT	FOOT	SQ FT	FOOT SOLID WHITE	EACH	EACH		
23+88.33	ТО	29+04.74	975	17	412	17	7	7		
TOTAL		ÄL	975	17	412	17	7	7		

⚠ REV. 6-4-2019

USER NAME = leej	DESIGNED -	REVISED - 06/03/2019
	DRAWN -	REVISED -
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PLOT DATE = 6/3/2019	DATE -	REVISED -

- FOR DETAILS ON THE STEEL RAILING INCLUDING THE ANCHORING OF THE STEEL RAILING TO THE PRECAST CONCRETE BRIDGE SLAB, SEE SHEET 12.





- A STEEL RAILING REMOVAL = 30.5 FT POST REMOVAL, 60 FT OF STEEL TUBE REMOVAL) A
- (B) STEEL RAILING, TYPE S1 [- 30.5 FT POST REPLACEMENT, 60 FT OF STEEL TUBE REPLACEMENT]
- (C) REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE B)
- ① REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE1
- (E) [REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE5A] A

<u>∕</u>1 REV. 6-4-2019

NOT TO SCALE

USER NAME = leej	DESIGNED -	REVISED - 06-03-2019		STEEL RAILING & GUARDRAIL						F.A.P.	SECTION	COUNTY	TOTAL S	HEET
	DRAWN -	REVISED -	STATE OF ILLINOIS							789	65B-R-2	MADISON	12	8
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION								CONTRACT NO		NO. 76N	123
PLOT DATE = 6/3/2019	DATE -	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				
	USER NAME = leej	USER NAME         = leej         DESIGNED         -           DRAWN         -	USER NAME         = leej         DESIGNED         -         REVISED         -         06-03-2019           DRAWN         -         REVISED         -         -	USER NAME = leej DESIGNED - REVISED - 06-03-2019 DRAWN - REVISED - STATE OF ILLINOIS	USER NAME = leej DESIGNED - REVISED - 06-03-2019 DRAWN - REVISED - TORONG STATE OF ILLINOIS	USER NAME = leej         DESIGNED -         REVISED - 06-03-2019           DRAWN -         REVISED -         - 06-03-2019           STATE OF ILLINOIS         STE	USER NAME = leej DESIGNED - REVISED - 06-03-2019 DRAWN - REVISED - TORONG STATE OF ILLINOIS STEEL RAIL	USER NAME = leej DESIGNED - REVISED - 06-03-2019 DRAWN - REVISED - 106-03-2019 STATE OF ILLINOIS STEEL RAILING &	USER NAME = leej DESIGNED - REVISED - 06-03-2019 DRAWN - REVISED - 106-03-2019 STATE OF ILLINOIS STEEL RAILING & GUARDRAIL	USER NAME = leej DESIGNED - REVISED - 06-03-2019 DRAWN - REVISED - STATE OF ILLINOIS PLOT SCALE = 100.0000 '/ in. CHECKED - REVISED - CHECKED - DEPARTMENT OF TRANSPORTATION  REVISED - DEPARTMENT OF TRANSPORTATION  STEEL RAILING & GUARDRAIL  DEPARTMENT OF TRANSPORTATION	USER NAME = lee   DESIGNED   REVISED   06-03-2019   REVISED   REVISED   TRANSPORTATION   REVISED   USER NAME = lee   DESIGNED   REVISED   06-03-2019   REVISED   REVISED   REVISED   TO BE A STATE OF ILLINOIS   STEEL RAILING & GUARDRAIL   REVISED   REVISED   REVISED   TO BE A STATE OF TRANSPORTATION   TO BE A STEEL RAILING & GUARDRAIL   REVISED   RE	USER NAME = leej DESIGNED REVISED 06-03-2019 DRAWN REVISED STATE OF ILLINOIS PLOT SCALE = 100.0000 / in. CHECKED REVISED REVISED CONTRACT  TO DESIGNED REVISED 06-03-2019 STEEL RAILING & GUARDRAIL  STEEL RAILING & GUARDRAIL  THE SECTION COUNTY 789 65B-R-2 MADISON DEPARTMENT OF TRANSPORTATION  TO ONTRACT	USER NAME = lee] DESIGNED REVISED 06-03-2019 DRAWN REVISED REVISED REVISED CONTRACT NO. 76M  TOTAL SHEETS SECTION COUNTY SHEETS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION  TOTAL SHEETS SECTION COUNTY SHEETS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION  TOTAL SHEETS SECTION COUNTY SHEETS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION  TOTAL SHEETS SECTION COUNTY SHEETS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	

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