

DISTRICT TWO STANDARDS

- 41.4 TYPICAL PAVEMENT MARKINGS
- 44.1 PAINTING DETAILS
- 87.4 TYPICAL MEDIAN CROSSOVER CLOSURE

STATE HIGHWAY STANDARDS

- 000000-08 STANDARDS SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMALS OF AN INCH AND OF A FOOT
- 630001-12 STEEL PLATE BEAM GUARDRAIL
- 631031-17 TRAFFIC BARRIER TERMINAL, TYPE 6
- 635001-02 DELINEATORS
- 638101-02 CONCRETE GLARE SCREEN
- 642001-03 SHOULDER RUMBLE STRIPS, 16 IN.
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
- 701400-11 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701401-13 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406-13 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATION ONLY
- 701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
- 701416-11 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH CROSSOVER AND BARRIER
- 701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS > 45 MPH
- 701428-01 TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
- 701901-08 TRAFFIC CONTROL DEVICES
- 704001-08 TEMPORARY CONCRETE BARRIER
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
- 725001-01 OBJECT AND TERMINAL MARKERS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKINGS
- 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THE MAINTENANCE OF TRAFFIC CONTROL (MOT) PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY MODIFY THE MOT PLANS TO MEET CONSTRUCTION NEEDS, BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE MOT PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
2. THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY PROPOSED CHANGE TO THE MOT PLANS.
3. ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE MAINTENANCE OF TRAFFIC STRIPING SHALL BE REMOVED TO THE LIMITS SHOWN IN THE PLANS.
4. ALL TEMPORARY PAVEMENT MARKING WHICH CONFLICTS WITH THE NEXT STAGE OR FINAL STRIPING SHALL BE BLACKED OUT OR REMOVED TO THE LIMITS SPECIFIED IN THE PLANS AND IN THE SCHEDULES OF PAVEMENT MARKING.
5. ALL TRAFFIC CONTROL DEVICES USED FOR THE MAINTENANCE OF TRAFFIC, AS DETAILED ON THE PLANS OR HIGHWAY STANDARD, SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS SPECIFIED IN THE MAINTENANCE OF TRAFFIC SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
6. ALL TRAFFIC CONTROL DEVICES LOCATIONS AND SPACING SHALL BE ACCORDING TO THE HIGHWAY STANDARDS UNLESS OTHERWISE SHOWN IN THE PLANS. ALL VERTICAL PANELS SHALL BE SPACED AT 40' INTERVALS WHERE SHOWN IN THE PLANS.
7. ALL DRUMS, VERTICAL PANELS AND BARRICADES ADJACENT TO THE EDGE OF TRAVELED WAY SHALL BE EQUIPPED AS REQUIRED IN THE TRAFFIC CONTROL STANDARDS.
8. ALL EXISTING SIGNS WITHIN MAINTENANCE OF TRAFFIC LIMITS WHICH ARE OBSCURED BY OR INTERFERE WITH CONSTRUCTION OPERATIONS AND MAINTENANCE OF TRAFFIC, SHALL BE COVERED OR REMOVED BY THE CONTRACTOR UNLESS SPECIFIED IN THE PLANS OR WHEN DIRECTED BY THE ENGINEER. THIS WORK SHALL BE IN ACCORDANCE WITH ARTICLE 107.25 OF THE IDOT STANDARD SPECIFICATIONS.
9. A FULL DEPTH SAWCUT WILL BE REQUIRED BETWEEN PAVEMENT, CURB AND/OR GUTTER TO REMAIN AND PAVEMENT, CURB AND/OR GUTTER TO BE REMOVED PRIOR TO BEGINNING OF REMOVAL WORK. COST TO BE INCLUDED WITH APPLICABLE REMOVAL ITEMS.
10. EXISTING SHOULDER RUMBLE STRIPS THAT ARE IN CONFLICT WITH SHIFTED TRAFFIC CONTROL LANES SHALL BE REMOVED AND REPLACED TO THE LIMITS SPECIFIED IN THE PLANS AND SCHEDULES.
11. AS AN ADDITIONAL SOURCE OF INFORMATION IF NEEDED, ORIGINAL CONSTRUCTION SECTION NUMBER FOR STRUCTURE NUMBERS 101-0133 & 101-0134 IS 201-1B.
12. THE CONTRACTOR SHALL CONTACT THE IDOT DISTRICT 2 ENGINEER AT (815)284-2271 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

SUGGESTED MAINTENANCE OF TRAFFIC SEQUENCING

PRE-STAGE 1

INSTALL THE SOUTHBOUND PORTION OF CONSTRUCTION TRAFFIC CONTROL SIGNS, DRUMS, BARRICADES, TEMPORARY CONCRETE BARRIER AND TEMPORARY PAVEMENT MARKINGS AS DETAILED IN THE STAGE 1 PLANS AND APPROPRIATE STANDARD DRAWINGS.

MERGE ALL SOUTHBOUND TRAFFIC TO THE EXISTING / TEMPORARY OUTSIDE LANE.

INSTALL TEMPORARY GUARDRAIL AT THE SOUTHEAST CORNER OF THE SOUTHBOUND KISHWAUKEE RIVER BRIDGE FOR NORTHBOUND STAGE 1 TRAFFIC.

INSTALL REAL-TIME TRAFFIC CONTROL SYSTEM AND TEMPORARY RUMBLE STRIPS AT LOCATIONS DIRECTED BY THE ENGINEER.

STAGE 1

INSTALL THE REMAINDER OF STAGE 1 CONSTRUCTION TRAFFIC CONTROL SIGNS, DRUMS, BARRICADES, TEMPORARY CONCRETE BARRIER AND TEMPORARY PAVEMENT MARKINGS AS DETAILED IN THE STAGE 1 PLANS AND APPROPRIATE STANDARD DRAWINGS.

MERGE ALL NORTHBOUND TRAFFIC TO THE EXISTING / TEMPORARY INSIDE LANE SOUTH OF THE KISHWAUKEE RIVER BRIDGES. UTILIZE EXISTING SOUTH CROSSOVER TO SHIFT NORTHBOUND TRAFFIC TO THE INSIDE SOUTHBOUND LANE. UTILIZE EXISTING NORTH CROSSOVER TO SHIFT THE NORTHBOUND TRAFFIC TO THE EXISTING / TEMPORARY OUTSIDE NORTHBOUND LANE.

COORDINATE WORK TO BE COMPLETED IN THIS STAGE WITH DETAILS IN THE BRIDGE PLANS.

INSTALL TEMPORARY GUARDRAIL AT THE NORTHWEST CORNER OF THE NORTHBOUND KISHWAUKEE RIVER BRIDGE FOR SOUTHBOUND STAGE 2 TRAFFIC.

STAGE 2

CHANGE THE CONSTRUCTION TRAFFIC CONTROL SIGNS, DRUMS, BARRICADES, TEMPORARY CONCRETE BARRIER AND TEMPORARY PAVEMENT MARKINGS AS DETAILED IN THE STAGE 2 PLANS AND APPROPRIATE STANDARD DRAWINGS.

MERGE ALL NORTHBOUND TRAFFIC TO THE EXISTING / TEMPORARY OUTSIDE LANE SOUTH OF THE KISHWAUKEE RIVER BRIDGES. MERGE ALL SOUTHBOUND TRAFFIC TO THE INSIDE EXISTING / TEMPORARY LANE. UTILIZE EXISTING NORTH CROSSOVER TO SHIFT SOUTHBOUND TRAFFIC TO THE INSIDE NORTHBOUND LANE. UTILIZE EXISTING SOUTH CROSSOVER TO SHIFT THE SOUTHBOUND TRAFFIC TO THE EXISTING SOUTHBOUND LANES.

REMOVE ALL CONFLICTING TRAFFIC CONTROL ITEMS FROM STAGE 1 SETUP.

COORDINATE WORK TO BE COMPLETED IN THIS STAGE WITH DETAILS IN THE BRIDGE PLANS.

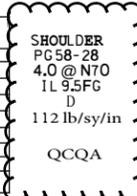
POST STAGE

REMOVE ALL CONSTRUCTION TRAFFIC CONTROL AND TEMPORARY CONSTRUCTION ITEMS.

REMOVE ANY REMAINING EXISTING AND TEMPORARY PAVEMENT MARKINGS WITHIN THE PERMANENT PAVEMENT MARKING LIMITS.

INSTALL PERMANENT PAVEMENT MARKINGS.

HMA

Location and Mixture	Surface	
Use(s):	SBS PG 76-22	
Pg:	4.0 @ N90	
Design Air Voids	1L 9.5,	
Mixture Composition	E	
Friction Aggregate	119	
Mix Weight	QC/QA	
Quality Management	N/A	
Program	N/A	
Sublot Size	N/A	
Material Transfer Device	N/A	



MODEL: D:\chf\... FILE NAME: \\c:\com\bridge\2100851 (IDOT) \V02 #0134.kishwaukee02_Design\2021-04-06\44-eh-Staging_Notes.dgn



USER NAME = scottw	DESIGNED - MW	REVISED -
	DRAWN - RG	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - JB	REVISED -
PLOT DATE = 10/21/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-39 OVER KISHWAUKEE RIVER STAGING PLANS
GENERAL NOTES /CONSTRUCTION SEQUENCE

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(105B)BDR	WINNEBAGO	23	2
CONTRACT NO. 64P84				
ILLINOIS FED. AID PROJECT				

URBAN 90% FED
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY 0047
40604174	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N90	TON	1140
63200310	GUARDRAIL REMOVAL	FOOT	624
63800920	MODULAR GLARE SCREEN SYSTEM, TEMPORARY	FOOT	3,538
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	9,591
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2
67100100	MOBILIZATION	L SUM	1
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	2
70100410	TRAFFIC CONTROL AND PROTECTION, STANDARD 701416	EACH	2
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1
70107006	PAVEMENT BLACKOUT TAPE, 6"	FOOT	21,605
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	90
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	27,089
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	48,837
70400100	TEMPORARY CONCRETE BARRIER	FOOT	3,925
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	3,925

URBAN 90% FED
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY 0047
70500100	TEMPORARY STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	475
70500665	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5,244
78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	340
* 78100300	REPLACEMENT REFLECTOR	EACH	190
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	28
78300200	RAISED REFLECTIVE PAVEMENT MARKING REMOVAL	EACH	340
X0322288	MEDIAN CLOSURE	EACH	2
X0325201	SHOULDER RUMBLE STRIP REMOVAL	SQ YD	3,196
X0326649	LINEAR DELINEATOR PANELS, 6 INCH	EACH	96
X0327640	REAL-TIME TRAFFIC CONTROL CENTRAL BASE UNIT	CAL MO	2
X0327641	REAL-TIME TRAFFIC CONTROL SENSOR UNIT	EACH	12
X1200206	HOT-MIX ASPHALT SURFACE REMOVAL, COMPLETE	SQ YD	9,797
X2700001	TEMPORARY RUMBLE STRIPS (SPECIAL)	EACH	4
440001547	HOT-MIX ASPHALT SURFACE REMOVAL 2"	SQ YD	9,797
X5810100	WATERPROOFING MEMBRANE SYSTEM (SPECIAL)	SQ YD	1,870

*= SPECIALTY ITEM

MODEL: Default
FILE NAME: \\kpf.com\dfs\bridge\2100351 (IDOT IWO #5)SN: 101-0133 and 0134 Kishwaukee\02_Design\SN: 103-0133_03_Summary of Quantities.dgn



USER NAME *	DESIGNED -	REVISED -
PLOT SCALE *	CHECKED -	REVISED -
PLOT DATE *	DRAWN -	REVISED -
	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 101-0133 & 0134 FAI 39 OVER KISHWAUKEE RIVER
SUMMARY OF QUANTITIES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(105B)BDR	WINNEBAGO	23	3
CONTRACT NO. 64P84				
(ILLINOIS) FED. AID PROJECT FM17(331)				

10/28/2021 2:33:47 PM

REV. 12/27/21 REV. 11/24/21 REV. 11/9/21