FOR INDEX OF SHEETS, SEE SHEET NO. 2 **HIGHWAY STANDARDS** 000001-08 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS DECIMAL OF AN INCH AND OF A FOOT 482001-02 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT 482006-03 HMA SHOULDER ADJACENT TO RIGID PAVEMENT 483001-06 PCC SHOULDER 630001-13 STEEL PLATE BEAM GUARDRAIL SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS 630301-09 631031-18 TRAFFIC BARRIER TERMINAL, TYPE 6 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' TO 24' FROM PAVEMENT EDGE 701011-04 OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER 701326-04 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH 701901-10 TRAFFIC CONTROL DEVICES 704001-08 TEMPORARY CONCRETE BARRIER 780001-05 TYPICAL PAVEMENT MARKINGS 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS 406101 **BUTT JOINTS** 630101 GUARDRAIL EROSION CONTROL TREATMENTS 780001 TYPICAL PAVEMENT MARKINGS TRAFFIC DATA SN 029-0057 IL-94 OVER COAL CREEK 2023 ADT MU% 6.7% SU% 4.4% POSTED SPEED LIMIT 55 MPH SN 029-0061 IL-94 OVER TURKEY CREEK 2023 ADT MU% 8.5% 3.85% POSTED SPEED LIMIT 55 MPH SN 029-0062 IL-94 OVER LOST GROVE CREEK 2023 ADT MU% 8.5% SU% 3.85% POSTED SPEED LIMIT 55 MPH SN 029-0065 **IL-94 OVER PUTT CREEK** 2023 ADT SU% **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

CATALOG NO. 036507-00D

CONTRACT NO. 68J14

PROJECT ENGINEER DAVID BROVIAK (309)671-3493

PROJECT MANAGER ELIAS ELDERZI (309)671-3482

1-800-892-0123 OR 811

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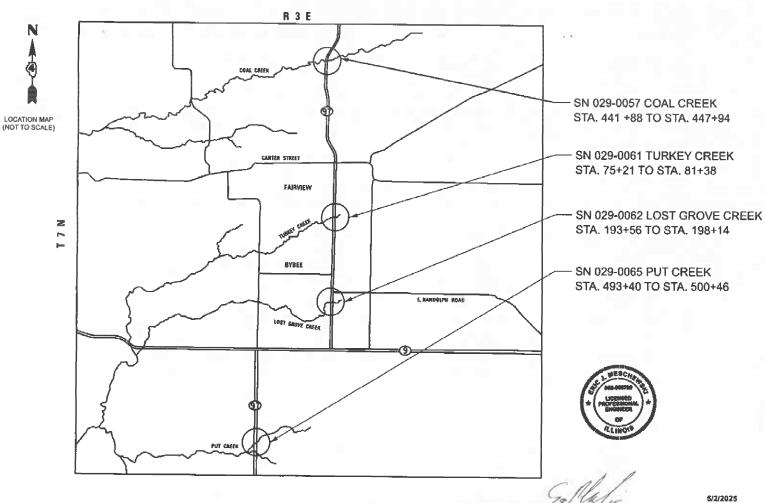
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

08-01-2025 LETTING ITEM 032

PROPOSED HIGHWAY PLANS

FAP ROUTE 626/622 (IL 97) SECTION D4 BRIDGE DECK OVERLAY 2025 PROJECT STP-VQYC(211) **IDOT D4 BRIDGE PRESERVATION FULTON COUNTY**

C-94-060-24

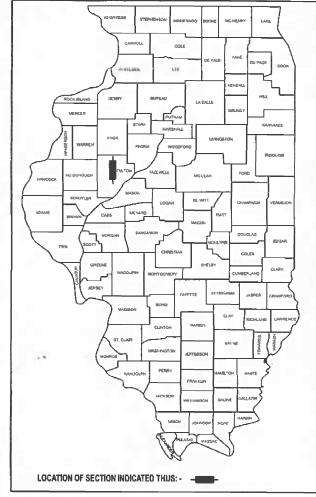


GROSS LENGTH = 2,387.00 FT. = 0.452 MILE NET LENGTH = 2,387.00 FT. = 0.452 MILE

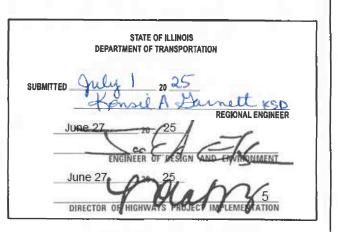
ERIC J. MESCHEWSKI ILLINOIS P.E. 062-065709 EXPIRES 11/30/2025 SIGNATURE AND SEAL APPLY TO ALL SHEETS

FULTON 63 ELINOIS CONTRACT NO. 68J14

D-94-038-24



THE WORK TO BE PERFORMED UNDER THIS CONTRACT CONSISTS OF BRIDGE DECK MICROSILICA CONCRETE OVERLAY, BRIDGE JOINT REPLACEMENT, HMA (MIX "D") BUTT JOINT, MINOR RESURFACING, TRAFFIC CONTROL PAVEMENT MARKING, AND ALL INCIDENTAL AND COLLATERAL WORK NECESSARY TO COMPLETE THE PROJECT.



PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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	2	INDEX OF SHEETS, LIST OF HWY. STANDARDS, AND GEN. NOTES
	3	HOT-MIX ASPHALT MIXTURE REQUIREMENTS
	4 - 7	SUMMARY OF QUANTITIES
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	12 - 15	PROPOSED TYPICAL SECTIONS
	16 - 18	SCHEDULES OF QUANTITIES
	19 - 22	REMOVAL PLANS
	23 - 26	PROPOSED PLANS
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	28	BUTT JOINT DETAILS
	29 - 32	SUGGESTED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
	33 - 40	SUGGESTED MAINTENACE OF TRAFFIC PLANS
	41 - 44	STRUCTURE PLANS (SN 029-0057)
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	49 - 52	STRUCTURE PLANS (SN 029-0062)
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	57 - 63	IDOT DISTRICT 4 STANDARD DRAWINGS

PC:204 00 204.00

EFFECTIVE JUNE 1, 1999 REVISED NOVEMBER 1, 2020

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 (BORROW SITE REVIEW)
- 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 SHALL 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 WASTE SITE ENVIRONMENTAL CLEARANCES AND SIX WEEKS FOR THE REQUIRED BORROW SITE ENVIRONMENTAL CLEARANCES

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULLE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. 48 HOURS NOTIFICATION IS REQUIRED.
- THE MATERIAL USED FOR CONSTRUCTION OF PERMANENT AGGREGATE DRIVEWAYS SHALL BE GRAVEL OR CRUSHED STONE, AS DIRECTED BY THE ENGINEER. TO REPLACE IN KIND THE EXISTING AGGREGATE DRIVEWAYS. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR THIS REQUIREMENT, BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE PAY ITEM FOR THE AGGREGATE AS SPECIFIED ON THE PLANS.
- AFTER PLACEMENT OF THE BRIDGE DECK OVERLAY, THE RESIDENT ENGINEER SHALL NOTIFY THE DISTRICT BRIDGE MAINTENANCE ENGINEER OF THE "AS CONSTRUCTED" MILLING DEPTH AND OVERLAY THICKNESS FOR UPDATING THE ILLINOIS HIGHWAY INFORMATION SYSTEM.
- BUTT JOINTS SHALL NOT BE MILLED MORE THAN THREE (3) DAYS PRIOR TO PLACEMENT OF THE HMA SURFACE COURSE.
- PRIOR TO ROUTING TRAFFIC ONTO THE SHOULDERS AS SHOWN IN THE STAGING PLANS. THE CONTRACTOR SHALL SECURE GRATINGS ON SHOULDER INLETS AS DIRECTED BY THE ENGINEER, THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL PAY ITEM.
- THE RESIDENT ENGINEER SHALL CONTACT OPERATIONS TO VERIFY THE LOCATION OF NO PASSING ZONES PRIOR TO PLACEMENT OF CENTERLINE PAVEMENT MARKINGS.
- CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTANED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.
- STATIONING IS APPROXIMATE AND IS PROVIDED FOR REFERENCE ONLY.
- AFTER PLACEMENT OF THE BRIDGE DECK OVERLAY, THE RESIDENT ENGINEER SHALL NOTIFY THE DISTRICT BRIDGE MAINTENANCE ENGINEER OF THE "AS CONSTRUCTED" MILLING DEPTH AND OVERLAY THICKNESS FOR UPDATING THE ILLINOIS HIGHWAY INFORMATION SYSTEM.
- THE ENGINEER SHALL DETERMINE ANY PROFILE ADJUSTMENTS REQUIRED ON THE APPROACH PAVEMENTS AND APPROACH ROADWAYS TO ADDRESS SETTLED APPROACH PAVEMENT. ESTIMATE BUTT JOINT AND HMA OVERLAY LIMITS ARE PROVIDED IN THE PLANS.
- 11. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE OF STAGING AREA OR REMOVAL LINES SHOWN ON PLANS SHALL BE REPLACED AT NO COST TO THE DEPARTMENT
- 12. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- THE RESIDENT ENGINEER SHALL VERIFY THE LOCATIONS OF ALL EXISTING PAVEMENT MARKINGS, PAVEMENT PATCHING, OR DRAINAGE ADJUSTMENT PRIOR TO MILLING OR
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OF REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH SECTION 201 OF THE STANDARD SPECIFICATIONS.
- THE RESIDENT ENGINEER SHALL CONTACT THE IDOT AREA TRAFFIC ENGINEER A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT
- THE CONTRACTOR SHALL USE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH SHALL REMAIN. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- GRATES AND DRAINAGE STRUCTURES ON SHOULDERS SHALL BE SECURED BEFORE TRAFFIC IS

TEMPORARY TRAFFIC SIGNAL NOTES

- TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH STANDARD 701321 EXCEPT WHEN MODIFIED ON THESE PLAN SHEETS
- THE CONTRACTOR SHALL INSTALL FITHER DETECTOR LOOPS OR MICROWAVE DETECTORS FOR USE WITH THE TEMPRARY TRAFFIC SIGNALS IN ACCORDANCE WITH HIGHWAY STANDRAD 701321
- THE ENGINEER OF TRAFFIC SHALL APPROVE ALL TIMING PARAMETERS.
- THE CONTRACTOR SHALL CONTACT TONY BRIDSON, DISTRICT 4 TRAFFIC SIGNAL TECHNICIAN, AT (309) 672-4464, FORTY-EIGHT (48) HOURS PRIOR TO SIGNAL TURN-ON
- ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" DIAMETER LED LENSES.
- THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE PLACED AT THE LOCATIONS INDICATED ON THE PLAN SHEETS OR AS DIRECTED BY THE ENGINEER.
- THE TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL MUTCD STANDARDS.
- A MINIMUM OF 2 SIGNAL HEADS ARE REQUIRED PER APPROACH.
- ALL SIGNAL HEADS SHALL BE EQUIPPED WITH REFLECTORIZED BACKPLATES
- ALL LABOR FOLIPMENT AND MATERIALS REQUIRED TO COMPLY WITH THESE REQUIREMENTS AND PLAN SHEET DETAILS SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR THE TEMPORARY BRIDGE SIGNAL INSTALLATION, THERE WILL BE NO ADDITIONAL COMPENSATION

MAINTENANCE OF TRAFFIC NOTES

- THE MAINTENANCE OF TRAFFIC CONTROL (MOT) PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING THE 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.
- THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY PROPOSED CHANGE TO THE
- ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE MOT PAVEMENT MARKINGS SHALL BE REMOVED, ALL TEMPORARY PAVEMENT MARKINGS WHICH CONFLICT WITH THE NEXT STAGE SHALL BE REMOVED. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED BY COMPLETION OF THE
- ALL TRAFFIC CONTROL DEVICES USED FOR MOT, AS DETAILED IN THE PLANS OR HIGHWAY STANDARDS SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS SPECIFIED IN THE MOT SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
- ALL EXISTING SIGNS WITHIN MOT LIMITS WHICH ARE OBSCURED BY OR CONFLICT WITH CONSTRUCTION OPERATIONS AND MOT, 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
- A FULL-DEPTH SAW CUT SHALL 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.
- THE PAY ITEM "BARRIER WALL REFLECTORS, TYPE C" IS INTENDED SOLELY TO BE USED FOR REFLECTOR APPLICATIONS ON PERMANENT AND EXISTING CONCRETE BARRIER AND IS NOT TO BE USED FOR TEMPORARY CONCRETE BARRIER WHERE THE TYPE C REFLECTOR IS CONSIDERED INCLUDED IN THE COST OF THE TEMPORARY CONCRETE BARRIER PER HIGHWAY STANDARD 704001

JOB-SPECIFIC NOTES

ALL DAMAGE DUE TO THE CONTRACTOR OPERATION TO PAVEMENT AND RPM'S OUTSIDE THE REMOVAL LIMITS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) RATES

SURFACE TYPE	RESIDUAL RATE (POUND/SQ FT)
MILLED (HMA OR PCC)	0.08
EXISTING PAVEMENT	0.08
FOG COAT (BETWEEN LIFTS)	0.08

TO STA N/A

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PLOT DATE = 5/2/2025	DATE -	REVISED -

A.P. TE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
26	D4 BRIDGE DECK OVERLA	FULTON	63	2	
		CONTRACT	NO. 68.	J14	
	ILLINOIS	FED. AII	PROJECT		

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Location(s):	Mainline	Mainline	Class D Patches	Shoulder	Shoulder
Mixture Use(s):	Poly Surface 1.5"	Poly Binder 1.5"	Poly Binder 13"	Shoulders	HMA Pavement Widening
AC/PG:	PG 70-28	PG 70-28	PG 70-22	PG 58-28	PG 58-22
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	4.0% at N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Mixture Gradation)	IL 9.5	IL 9.5	IL 19.0	IL 9.5	IL 19.0
Friction Aggregate:	Mix D	N.A.	N/A	Mix D	N/A
Quality Management Program:	QCQA	QCQA	QCQA	QCQA	QCQA
MTD:	No	No	No	No	No

Note: 1) 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, unless otherwise approved by the Engineer.

2) For design purposes, mixture weight for all mixes is determined to be 112.0 lb/s.y./in., unless otherwise noted.

3) Sublot sizes for PFP and QCP mixes will be 10 00 tons, unless otherwise agreed to by the Engineer and the paving contractor.

^D9EE	
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8501W. Higgins Road: Suite 280	
8501 W. Higgins Road; Suite 280 Chicago, Minois 60634; (773) 399-002	

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PLOT DATE = 5/2/2025	DATE -	REVISED -

			НОТ	-MIX AS	SPHAL	Γ MIXTUR	!Ε	F.A.P. RTE	SEC	TION		COUNTY	TOTAL SHEETS	SHEET NO.
REQUIREMENTS						626	D4 BRIDGE DECI	K OVERLA	Y 2025	FULTON	63	3		
NEQUINEMENTO										CONTRACT	NO. 68	J14		
	SCALE:	N/A	SHEET 1	OF 1	SHEETS	STA. N/A	TO STA. N/A			ILLINOIS	FED. AIC	PROJECT		

CODE			TOTAL	80% FEDERAL 20% STATE BRIDGE 0047	80% FEDERAL 20% STATE BRIDGE 0047	80% FEDERAL 20% STATE BRIDGE 0047	80% FEDERAL 20% STATE BRIDGE 0047
NO.	ITEM	UNIT	QUANTITY	S.N. 029-0057	S.N. 029-0061	S.N. 029-0062	S.N. 029-0065
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	18	6	11	1	0
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	721	214	471	36	0
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	2,585	596	584	584	821
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,860	436	427	427	570
40600990	TEMPORARY RAMP	SQ YD	297	73	72	72	80
40603205	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	145.1	32.4	32.4	32.4	47.9
40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	156.5	36.2	36.2	36.2	47.9
44000300	CURB REMOVAL	FOOT	240	60	60	60	60
44004250	PAVED SHOULDER REMOVAL	SQ YD	721	214	471	36	0
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	132	44	44	44	0
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	721	214	471	36	0
50300260	BRIDGE DECK GROOVING	SQ YD	2,317	625	329	373	990
50300300	PROTECTIVE COAT	SQ YD	2,459	665	348	395	1051
60260100	INLET TO BE ADJUSTED	EACH	10	2	2	2	4
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CONSTRUCTION

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8501 W. Higgins Road; Suite 280 Chicago, Minois 60634; (773) 399-002
Chicago, Minois 60634; (773) 399-002

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PLOT DATE = 5/20/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

					F.A.P. SECTION		COUNTY	TOTAL SHEETS	SHEET NO.			
· ·					626	D4 BRIDGE DECK O	/ERLAY 2025	FULTON	63	4		
										CONTRACT	NO. 68.	J14
SCALE:	N/A	SHEET 1	OF 4	SHEETS	STA. N/A	TO STA. N/A		I LL	NOIS FED. AID	PROJECT		

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									A.P. SECTION	
							626	D4 BRIDGE DECK	OVERLA	Y 202
SCALE:	N/A	SHEET 2	OF 4	SHEETS	STA. N/A	TO STA. N/A			ILLINOIS	FED.

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COUNTY TOTAL SHEET NO.

FULTON 63 5

^{*=} SPECIALTY ITEM

*= SPECIALTY ITEM



USER NAME = 2189	DESIGNED -	REVISED -
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PLOT DATE = 5/20/2025	DATE -	REVISED -

SCALE: N/A

SUM	SUMMARY OF QUANTITIES				F.A.P. RTE	SECTIO	N		COUNTY	TOTAL SHEETS	SHEET NO.	
						626	D4 BRIDGE DECK OV	/ERLA	Y 2025	FULTON	63	6
										CONTRACT	NO. 68	J14
SHEET 3	OF 4	SHEETS	STA. N/A	TO STA.	N/A		J LL	INOIS	FED. AIC	PROJECT		

CONSTRUCTIONCODE

					80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
[BRIDGE	BRIDGE	BRIDGE	BRIDGE
	CODE			TOTAL	0047	0047	0047	0047
	NO.	ITEM	UNIT	QUANTITY	S.N. 029-0057	S.N. 029-0061	S.N. 029-0062	S.N. 029-0065
*	78200006	GUARDRAIL REFLECTORS, TYPE B	EACH	45	12	12	9	12
*	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	80	20	20	20	20
-								
_	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	434	109	110	106	109
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	6,400	1,600	1,600	1,600	1,600
_	X0326444	SURFACE FILLER (SPECIAL)	GALLON	4	1	1	1	1
_								
_	X1300003	CLEAN APPROACH SLAB DRAIN	EACH	4	0	0	0	4
-	X4404400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	129	44	43	43	0
_	X5030550	PROTECTIVE COAT (SPECIAL)	SQ YD	668	176	90	109	293
-								
_	Z0001002	GUARDRAIL AGGREGATE EROSION CONTROL	TON	943.0	229.0	315.0	174.0	225.0
_	Z0012130	BRIDGE DECK SCARIFICATION 3/4"	SQ YD	2,456	665	348	395	1048
_	Z0012162	BRIDGE DECK MICROSILICA CONCRETE OVERLAY 2 1/4"	SQ YD	2,456	665	348	395	1048
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.25	0.25	0.25	0.25
	Z0041895	POLYMER CONCRETE	CU FT	10.3	2.5	2.3	2.3	3.2
Ø	Z0076600	TRAINEES	HOUR	1,000	1,000			
ø	Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	1,000	1,000			

Ø 0042 *= SPECIALTY ITEM

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8501 W. Higgins Road; Sulte 280
Chicago, Minois 60634; (773) 399-002

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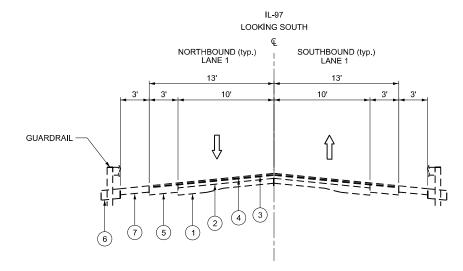
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

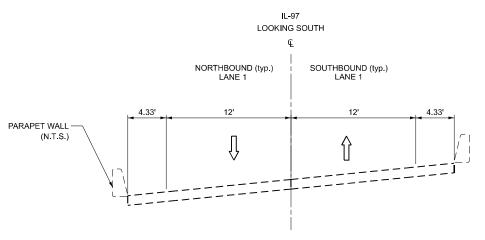
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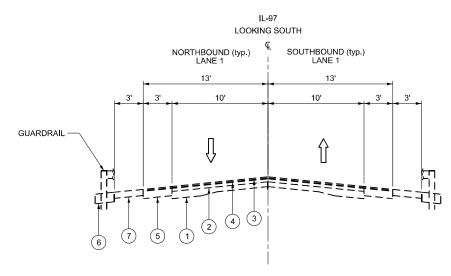
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SOUTH OF BRIDGE TYPICAL SECTION



BRIDGE TYPICAL SECTION



NORTH OF BRIDGE TYPICAL SECTION

NOTES

 BRIDGE TYPICAL SECTION PROVIDED FOR ROADWAY REFERENCE ONLY AND IS NOT INTENDED TO BE REPRESENTATIVE OF THE STRUCTURE ITSELF.

LEGEND

(1) EXISTING PCC PAVEMENT S	9-6-9
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(2) EXISTING BITUMINOUS OVE	RLAY	3	3/
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³ EXISTING SURFACE COURSE 1 1/2"

(5) EXISTING 9" HMA BASE COURSE

(6) EXISTING AGGREGATE SHOULDER

7) EXISTING BITUMINOUS SHOULDER, 8"

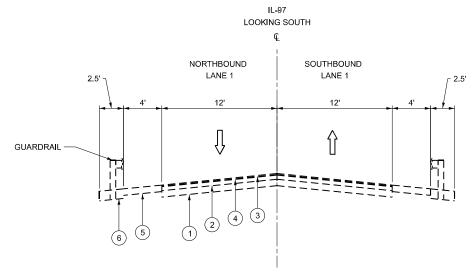
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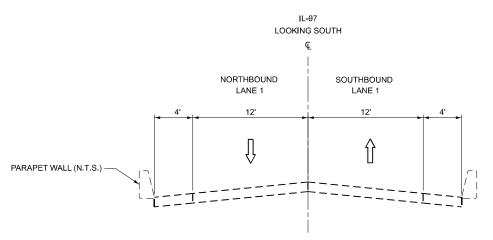
	EXISTING TYPICAL SECTIONS							
•	SN 029-0057 IL-97 OVER COAL CREEK							
_	714 023-0	037 IL-	J/ OVE	COAL	OKLLIK			
	SHEET	OF	SHEETS	STA.	TO STA.			

SECTION	COUNTY	TOTAL SHEETS	SHE
BRIDGE DECK OVERLAY 2025	FULTON	63	
	CONTRACT	NO. 68.	J14

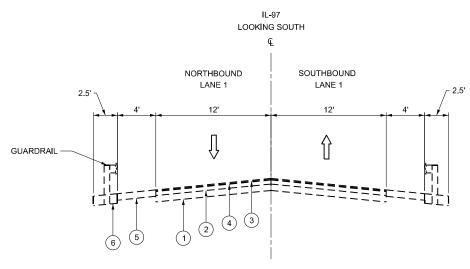
⁽⁴⁾ EXISTING LEVEL BINDER 1" AND VAR.



SOUTH OF BRIDGE TYPICAL SECTION



BRIDGE TYPICAL SECTION



NORTH OF BRIDGE TYPICAL SECTION

NOTES

 BRIDGE TYPICAL SECTION PROVIDED FOR ROADWAY REFERENCE ONLY AND IS NOT INTENDED TO BE REPRESENTATIVE OF THE STRUCTURE ITSELF.

LEGEND

\sim	
(1	EXISTING PCC PAVEMENT 8

	$\overline{}$						
- /	ີ ດ ່	EVIC:	TIMO	ITI IN AL	NOUG	OVERL	A\/
- 1	_		I IING E	H UIVII	NOUS	UVERL	AT.

³ EXISTING SURFACE COURSE 1 1/4"

4 EXISTING LEVEL BINDER 3/4"

EXISTING BITUMINOUS SHOULDER 8"

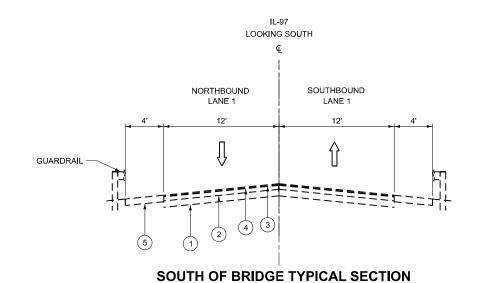
6 EXISTING AGGREGATE SHOULDER

	I
GR@EF	
8501 W. Higgins Road; Suite 280	Γ
Chicago, Minois 60634 (773) 399-002	Γ

USER NAME = 2189	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/2/2025	DATE -	REVISED -

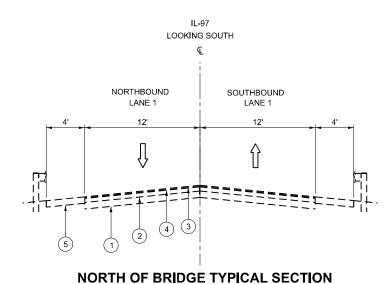
	EXIS	F.A.P. RTE	SECTION				
SI	1 U20-UU	61 II - 97	OVER	TURK	EY CREEK	626	D4 BRIDGE DECK OVER
<u> </u>	1 023-00	01 IL-37	OVEI	TOIXIX	LIOKELK		
	SHEET	OF	SHEETS	STA.	TO STA.		ILLINO

RTE.	SECTION			COUNTY	SHEETS	NO.
626	D4 BRIDGE DECK OVERLAY 2025			FULTON	63	9
				CONTRACT	NO. 68.	J14
ILLINOIS FED. AI			FED. AII	PROJECT		



IL-97 LOOKING SOUTH Q NORTHBOUND LANE 1 12' 12' 4' 12' PARAPET WALL (N.T.S.)

BRIDGE TYPICAL SECTION



NOTES

 BRIDGE TYPICAL SECTION PROVIDED FOR ROADWAY REFERENCE ONLY AND IS NOT INTENDED TO BE REPRESENTATIVE OF THE STRUCTURE ITSELF.

LEGEND

- EXISTING PCC PAVEMENT 8"
- (2) EXISTING BITUMINOUS OVERLAY 5"
- 3 EXISTING SURFACE COURSE 1 1/4"
- (4) EXISTING LEVEL BINDER 3/4"
- 5 EXISTING BITUMINOUS SHOULDER 8"

GR②EF

8501 W. Higgins Roods Suite 280
Chicogo, Minois 60634 (773) 399-002

| DESIGNED - REVISED - | DRAWN - REVISED - | CHECKED - | CHECKED - | REVISED - | CHECKED - | REVISED - | CHECKED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS
SN 029-0062 IL-97 OVER LOST GROVE CREEK

SHEET OF SHEETS STA. TO STA.

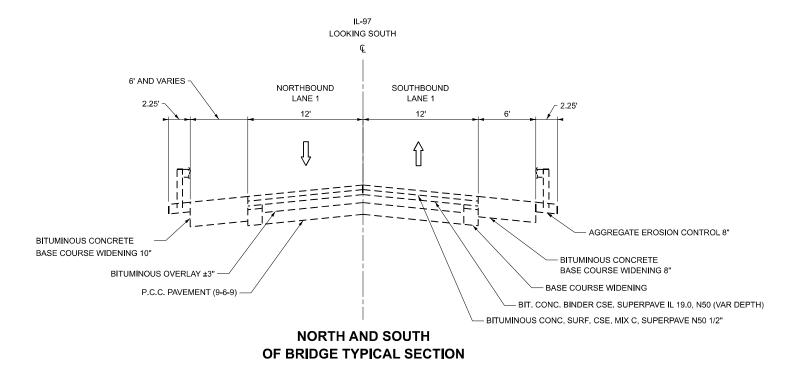
 F.A.P. RTE.
 SECTION
 COUNTY
 TOTAL SHEETS
 SHEETS NO.

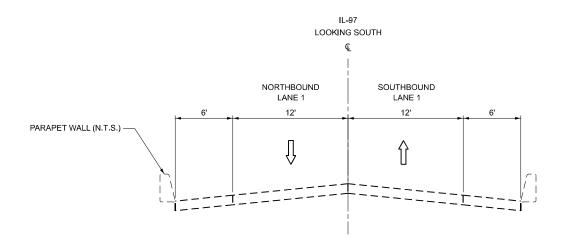
 626
 D4 BRIDGE DECK OVERLAY 2025
 FULTON
 63
 10

 CONTRACT NO.
 68J14

NOTES

 BRIDGE TYPICAL SECTION PROVIDED FOR ROADWAY REFERENCE ONLY AND IS NOT INTENDED TO BE REPRESENTATIVE OF THE STRUCTURE ITSELF.



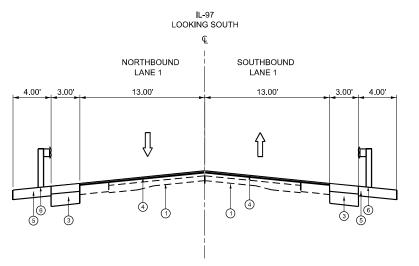


BRIDGE TYPICAL SECTION

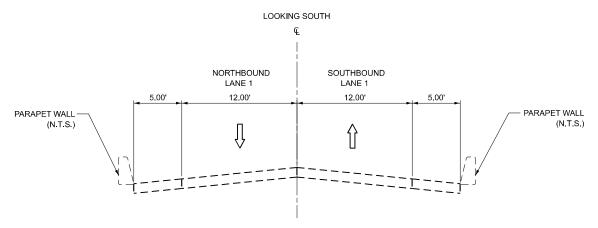
GR@EF
8501 W. Higgins Road: Suite 280 Chicago, Minois 60634; (773) 399-002

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/2/2025	DATE -	REVISED -

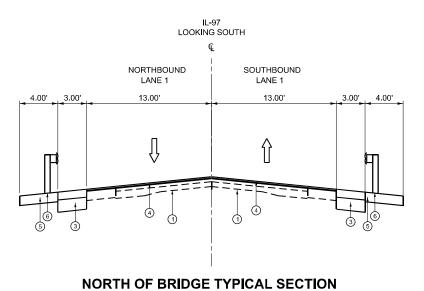
					F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					626	D4 BRIDGE DECK OVERLAY 20	25 FULTON	63	11
SN 029-0003 IL-97 OVER FOTT CREEK						CONTRACT	NO. 68.	J14	
SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FEE	AID PROJECT		



SOUTH OF BRIDGE TYPICAL SECTION



BRIDGE TYPICAL SECTION



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USER NAME = 2189	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/2/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

5				L SECTI R COAL	
	SHEET	OF	SHEETS	STA.	TO STA.

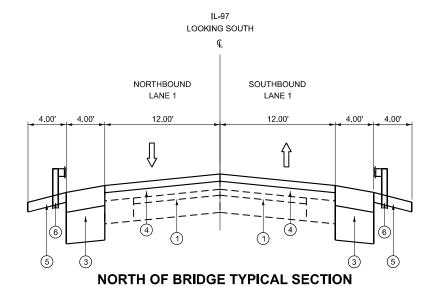
SCALE:

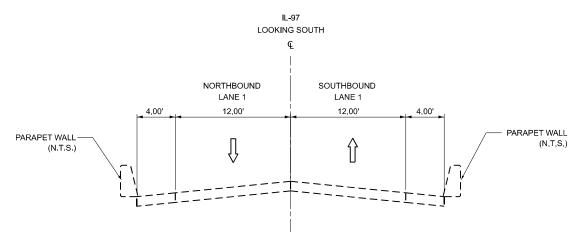
<u>NOTES</u>

- 1. SEE ROADWAY PLANS FOR LOCATIONS FOR NEW GUARDRAIL AND SHOULDERS.
- 2. SEE BUTT JOINT SHEETS FOR BUTT JOINT CONSTRUCTION DETAILS.

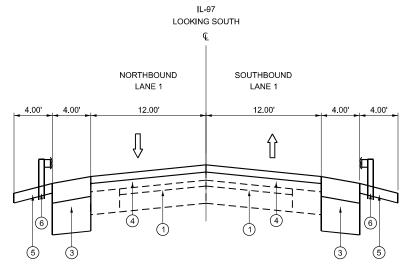
LEGEND

- ① EXISTING PAVEMENT
- ② EXISTING CONCRETE GUTTER
- (3) EXCAVATING AND GRADING EXISTING SHOULDER HOT-MIX ASPHALT SHOULDERS, 8" AGGREGATE SUBGRADE IMPROVEMENT 12"
- POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (1½") POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50 (1½") HOT-MIX ASPHALT SURFACE REMOVAL, 1" POLYMIERIZED BITUMINOUS MATERIALS (TACK COAT)
- ⑤ GUARDRAIL AGGREGATE EROSION CONTROL
- STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS





BRIDGE TYPICAL SECTION



SOUTH OF BRIDGE TYPICAL SECTION

GRØEF 8501 W. Higgins Roads Suite 280 Chicago, Minois 60634 (773) 399-002

USER NAME = 2189	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/2/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

81	PROPOSED TYPICAL SECTIONS SN 029-0061 IL-97 OVER TURKEY CREEK						
	SHEET	OF	SHEETS	STA.	TO STA.		

SCALE:

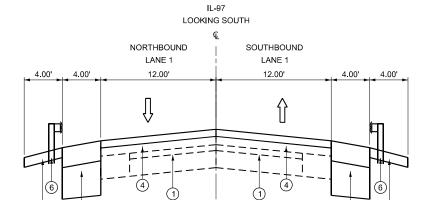
F.A.P. RTE.	SECT	TION		COUNTY	TOTAL SHEETS	SHEET NO.	
626	D4 BRIDGE DECK OVERLAY 2025			FULTON	63	13	
				CONTRACT NO. 68J14			
		ILLINOIS	PROJECT				

NOTES

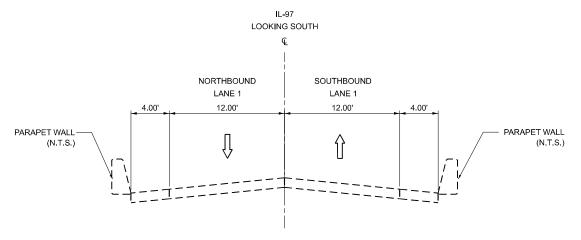
- 1. SEE ROADWAY PLANS FOR LOCATIONS FOR NEW GUARDRAIL AND SHOULDERS.
- 2. SEE BUTT JOINT SHEETS FOR BUTT JOINT CONSTRUCTION DETAILS.

LEGEND

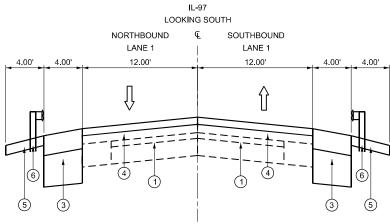
- 1 EXISTING PAVEMENT
- 2 EXISTING CONCRETE GUTTER
- (3) EXCAVATING AND GRADING EXISTING SHOULDER HOT-MIX ASPHALT SHOULDERS, 8" AGGREGATE SUBGRADE IMPROVEMENT 12"
- (4) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (1½")
 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50 (1½")
 HOT-MIX ASPHALT SURFACE REMOVAL, 1"
 POLYMIERIZED BITUMINOUS MATERIALS (TACK COAT)
- 5 GUARDRAIL AGGREGATE EROSION CONTROL
- 6 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS



NORTH OF BRIDGE TYPICAL SECTION



BRIDGE TYPICAL SECTION



SOUTH OF BRIDGE TYPICAL SECTION

GR@EF

USER NAME = 2189	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	ı
	CHECKED -	REVISED -	ı
PLOT DATE = 5/2/2025	DATE -	REVISED -	ı

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS								
SN 029-006	2 IL-97 OVER LOST GROVE CREEK							

NOTES

LEGEND

EXISTING PAVEMENT

2 EXISTING CONCRETE GUTTER

3 EXCAVATING AND GRADING EXISTING SHOULDER HOT-MIX ASPHALT SHOULDERS, 8" AGGREGATE SUBGRADE IMPROVEMENT 12"

5 GUARDRAIL AGGREGATE EROSION CONTROL

6 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS

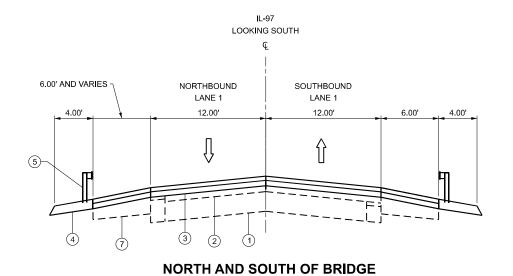
1. SEE ROADWAY PLANS FOR LOCATIONS FOR NEW GUARDRAIL AND SHOULDERS.

4 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (1½") POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50 (1½") HOT-MIX ASPHALT SURFACE REMOVAL, 1" POLYMIERIZED BITUMINOUS MATERIALS (TACK COAT)

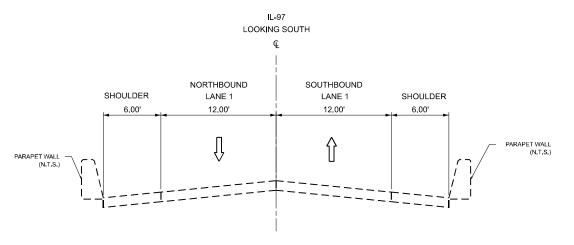
2. SEE BUTT JOINT SHEETS FOR BUTT JOINT CONSTRUCTION DETAILS.

F.A.P. RTE.				COUNTY	TOTAL SHEETS	SHEET NO.
626				FULTON	FULTON 63 14	
			CONTRACT NO. 68J14			
		ILLINOIS	PROJECT			

SCALE: SHEET SHEETS STA. TO STA.



TYPICAL SECTION



BRIDGE TYPICAL SECTION

GRAEF

8501 W. Higgins Road; Suite 280
Chicago, Minols 60634; (773) 399-002

 USER NAME
 = 2189
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 CHECKED
 REVISED

 PLOT DATE
 = 5/2/2025
 DATE
 REVISED

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
SN 029-0065 IL-97 OVER PUTT CREEK

SHEET OF SHEETS STA. TO

NOTES

- 1. SEE ROADWAY PLANS FOR LOCATIONS FOR NEW GUARDRAIL AND SHOULDERS.
- 2. SEE BUTT JOINT SHEETS FOR BUTT JOINT CONSTRUCTION DETAILS.

LEGEND

- 1 EXISTING PAVEMENT
- 2 EXISTING BITUMINOUS OVERLAY
- POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (1½")
 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50 (1½")
 HOT-MIX ASPHALT SURFACE REMOVAL
 POLYMIERIZED BITUMINOUS MATERIALS (TACK COAT)
- 4 GUARDRAIL AGGREGATE EROSION CONTROL
- 5 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- 6 EXISTING PAVED SHOULDER
- (7) EXISTING AGGREGATE SHOULDER

PAVING SCHEDULE

				PAVING SCHEDU	LE				
	EXCAVATING AND GRADING EXISTING SHOULDER	AGGREGATE SUBGRADE IMPROVEMENT 12"	POLYMERIZED BITUMINOUS MATERIAL (TACK COAT)	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	POLYMERIZED HOT- MIX ASPHALT BINDER COURSE, IL- 9.5, N50	POLYMERIZED HOT- MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	CLASS D PATCHES, TYPE IV, 13 INCH	HOT-MIX ASPHALT SHOULDERS, 8"	PAVEMENT REMOVAL (SPECIAL)
	0000000	20000110	4000005	40		40004400	44004000	4000000	V4404404
LOCATION	20200600	30300112	40600295	40600982	40603205 (TON)	40604160 (TON)	44201809	48203029 (SQ YD)	X4404400 (SQ YD)
SN 029-0057	(UNIT)	(SQ YD)	(POUND)	(SQ YD)	(ION)	(ION)	(SQ YD)	(שני שט)	(50 10)
SN 025-0037			+			-			
NW QUADRANT	2.10	70.0	149	108.9	8.1	9.1	11.0	70.0	10.9
NE QUADRANT		32.3	149	108.9	8.1	9.1	11.0	32.3	10.9
SW QUADRANT		42.7	149	108.9	8.1	9.1	11.0	42.7	10.9
SE QUADRANT		68.7	149	108.9	8.1	9.1	11.0	68.7	10.9
	2.00	00.7	110	100.0	0.1	0.1	71.0	00.1	1010
SUBTOTAL	. 6	214	596	436	32.4	36.2	44.0	214	44
SN 029-0061									
NW QUADRANT	3.07	136.4	146	106.7	8.1	9.1	11.0	136.4	10.7
NE QUADRANT	2.30	102.2	146	106.7	8.1	9.1	11.0	102.2	10.7
SW QUADRANT	2.61	116.0	146	106.7	8.1	9.1	11.0	116.0	10.7
SE QUADRANT	2.62	116.4	146	106.7	8.1	9.1	11.0	116.4	10.7
SUBTOTAL	. 11	471	584	427	32.4	36.2	44.0	471	43
SN 029-0062									
NW QUADRANT		17.8	146	106.675	8.1	9.1	11.0	17.8	10.7
NE QUADRANT		17.8	146	106.675	8.1	9.1	11.0	17.8	10.7
SW QUADRANT			146	106.675	8.1	9.1	11.0		10.7
SE QUADRANT			146	106.675	8.1	9.1	11.0		10.7
SUBTOTAL	. 1	36	584	427	32.4	36.2	44.0	36	43
SN 029-0065									
NW QUADRANT			205.25	142.5	12.0	12.0			0
NW QUADRANT NE QUADRANT			205.25	142.5	12.0	12.0 12.0			0
NE QUADRANT SW QUADRANT			205.25	142.5	12.0	12.0			0
SW QUADRANT SE QUADRANT			205.25	142.5	12.0	12.0			0
JE QUADRANT			200.20	142.3	12.0	12.0			
SUBTOTAL	. 0	0	821	570	47.9	47.9	0	0	0
COBTOTAL		•	V2.	1	41.0	41.0	•		
GRAND TOTALS	18	721	2585	1860	145.1	156.5	132	721	129
SILARD TOTALO	19	721	2000	1000	170.1	100.0	102	1.21	120

TEMPORARY RAMP SCHEDULE

1	
	TEMPORARY RAMP
	40600990
LOCATION	(SQ YD)
SN 029-0057	
NORTH APPROACH	36.3
SOUTH APPROACH	36.3
SUBTOTAL	73
SN 029-0061	70
57.020 3331	
NORTH APPROACH	35.6
SOUTHAPPROACH	35.6
SUBTOTAL	72
SN 029-0062	
NORTH APPROACH	35.6
SOUTH APPROACH	36
SUBTOTAL	72
NORTH APPROACH	40
SOUTH APPROACH	40
300TH APPROACH	40
SUBTOTAL	80
GRAND TOTALS	297

CURB SCHEDULE

	CURB REMOVAL	CONCRETE CURB, TYPE B
	44000300	60600605
LOCATION	(FOOT)	(FOOT)
SN 029-0057		
ENTIRE LOCATION	60	60
SUBTOTAL	60	60
SN 029-0061		
ENTIRE LOCATION	60	60
SUBTOTAL	60	60
SN 029-0062		
ENTIRE LOCATION	60	60
SUBTOTAL	60	60
SN-029-0065		
ENTIRE LOCATION	60	60
SUBTOTAL	60	60
GRAND TOTALS	240	240

PAVED SHOULDER REMOVAL SCHEDULE

	PAVED SHOULDER REMOVAL								
	44004250								
LOCATION	(SQ YD)								
SN 029-0057	,								
NORTH APPROACH	102.3								
SOUTH APPROACH	111.4								
SUBTOTAL	214								
SN 029-0061									
NORTH APPROACH	238.6								
SOUTH APPROACH	232								
SUBTOTAL	471								
SN 029-0062									
NORTH APPROACH	36								
SOUTH APPROACH									
SUBTOTAL	36								
SN -29-0065									
NORTH APPROACH									
SOUTH APPROACH									
SUBTOTAL	0								
GRAND TOTALS	721								

GUARDRAIL SCHEDULE

	STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	GUARDRAIL REMOVAL	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL AGGREGATE EROSION CONTROL
	63000001	63100085	63100167	63100169	63200310	72501000	Z0001002
LOCATION	(FOOT)	(EACH)	(EACH)	(EACH)	(FOOT)	(EACH)	(TON)
SN 029-0057	, ,	` '	, ,		, , ,		1 '
NW QUADRANT	191.5	1	1		253.9	1	67.8
NE QUADRANT	102.5	1	1		167.4	1	45.2
SW QUADRANT		1	1		165.9	1	46.4
SE QUADRANT		1	1		242.6	1	69.6
SUBTOTAL	577	4	4	0	830	4	229.0
SN 029-0061							
NW QUADRANT	272.5	1	1		324.9	1	88.1
NE QUADRANT	186	1	1		237.3	1	64.9
SW QUADRANT		1	1		292.5	1	79.4
SE QUADRANT	233.5	1	1		302.7	1	82.6
SUBTOTAL	925	4	4	0	1158	4	315.0
SN 029-0062							
NW QUADRANT	79.5	1		1	145.5	1	40.7
NE QUADRANT		1	1	,	252.9	1	69.3
SW QUADRANT	66.5	1	1		129.4	1	36.8
SE QUADRANT	30.5	1	1		93.3	1	27.2
SUBTOTAL	369	4	3	1	622	4	174.0
SN 029-0065							
NW QUADRANT	96.6	1	1		161.2	1	44.9
NE QUADRANT	76.5	1	1		138.8	1	39.1
SW QUADRANT		1	1		157.1	1	46.5
SE QUADRANT	299.5	1		1	360.0	1	94.5
SUBTOTAL	569	4	3	1	818	4	225.0
GRAND TOTALS	2439	16	14	2	3428	16	943.0

GRAEF

8501 W. Higgins Road Suite 280
Chicago, Winols 60634 (773) 399-082

USER NAME = 2189	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/2/2025	DATE -	REVISED -

SCHEDULES OF QUANTITIES										TOTAL SHEETS	SHEET NO.
							626	D4 BRIDGE DECK OVERLAY 2025	FULTON	63	16
									CONTRACT	NO. 68.	J14
SCALE:	N/A	SHEET 1	OF 3	SHEETS	STA. N/A	TO STA. N/A	ILLINOIS FED. AID PROJECT				

FIELD OFFICE SCHEDULE

	ENGINEER'S FIELD OFFICE, TYPE A
	67000400
LOCATION	(CAL MO)
SN 029-0057	
ENTIRE LOCATION	3.0
LITTINE LOCATION	3.0
SUBTOTAL	3.0
	3.0
SN 029-0061	
ENTIRE LOCATION	3.0
SUBTOTAL	3.0
SN 029-0062	
ENTIRE LOCATION	3.0
ETTINE EGG/THOT	0.0
SUBTOTAL	3.0
	0.0
SN 029-0065	
ENTIRE LOCATION	3.0
7-04-7-04-1-04	10 50
SUBTOTAL	3.0
GRAND TOTALS	12.0

TRAFFIC CONTROL AND PROTECTION SCHEDULE

	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326
	70100405	70100450	70100460	70100500
LOCATION	(EACH)	(L SUM)	(L SUM)	(L SUM)
SN 029-0057				
	7			
ENTIRE LOCATION	1	0.25	0.25	0.25
SUBTOTAL	1	0.25	0.25	0.25
SN 029-0061				
ENTIRE LOCATION	1	0.25	0.25	0.25
SUBTOTAL	1	0.25	0.25	0.25
SN 029-0062				
ENTIRE LOCATION	1	0.25	0.25	0.25
SUBTOTAL	1	0.25	0.25	0.25
SN 029-0065				
ENTIRE LOCATION	1	0.25	0.25	0.25
SUBTOTAL	1	0.25	0.25	0.25
GRAND TOTALS	4	1	1	1

TRAFFIC CONTROL SURVEILLANCE SCHEDULE

	TRAFFIC CONTROL SURVEILLANCE
	70103815
LOCATION	(CAL DA)
SN 029-0057	
ENTIRE LOCATION	60.00
SUBTOTAL	60.00
SN 029-0061	60.00
3N 025-0061	
ENTIRE LOCATION	60.00
SUBTOTAL	60.00
SN 029-0062	
ENTIPE LOCATION	20.00
ENTIRE LOCATION	60.00
SUBTOTAL	60.00
SN 029-0065	00.00
ENTIRE LOCATION	60.00
	10000
SUBTOTAL	60.00
CRAND TOTAL S	240.00
GRAND TOTALS	240.00

TEMPORARY BRIDGE TRAFFIC SIGNALS SCHEDULE

	TEMPORARY
	BRIDGE
	TRAFFIC
	SIGNALS
	70106500
LOCATION	(EACH)
SN 029-0057	
ENTIRE LOCATION	1
SUBTOTAL	1
SN 029-0061	
ENTIRE LOCATION	1
SUBTOTAL	1
SN 029-0062	
ENTIRE LOCATION	1
SUBTOTAL	1
SN 029-0065	
ENTIRE LOCATION	1
222007111011	
SUBTOTAL	1
555.62	·
GRAND TOTALS	4
GRAND TOTALS	

TEMPORARY RUMBLE STRIPS SCHEDULE

	TEMPORARY
	RUMBLE STRIPS
	70400700
LOCATION	70106700
LOCATION	(EACH)
SN 029-0057	
ENTIRE LOCATION	6
SUBTOTAL	6
SN 029-0061	
ENTIRE LOCATION	6
SUBTOTAL	6
SN 029-0062	
ENTIRE LOCATION	6
SUBTOTAL	6
SN 029-0065	
ENTIRE LOCATION	6
	1.00
SUBTOTAL	6
GRAND TOTALS	24

CHANGEABLE MESSAGE SIGN SCHEDULE

	CHANGEABLE MESSAGE SIGN
LOCATION	70107025 (CAL DA)
SN 029-0057	(OAL DA)
ENTIRE LOCATION	14.00
SUBTOTAL	14.00
SN 029-0061	
ENTIRE LOCATION	14.00
SUBTOTAL	14.00
SN 029-0062	
ENTIRE LOCATION	14.00
SUBTOTAL	14.00
SN 029-0065	
ENTIRE LOCATION	14.00
SUBTOTAL	14.00
GRAND TOTALS	56.00

PAVEMENT MARKING SCHEDULE

	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	PAINT PAVEMENT MARKING - LINE 4"	RAISED REFLECTIVE PAVEMENT MARKER	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	PAVEMENT MARKING REMOVAL - WATER BLASTING
	70300100	70300150	70307120	70307210	78001110	78100100	78100200	78300200	78300202
LOCATION	(FOOT)	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)	(SQ FT)
SN 029-0057	()	((/	()	()		((=====,	(==::)
ENTIRE LOCATION	165	55	2200	48	1420	9	100	109	1600
SUBTOTAL	165	55	2200	48	1420	9	100	109	1600
SN 029-0061									
ENTIDE LOCATION	440	20	2050	40	4077	40	400	440	4000
ENTIRE LOCATION	112	38	2050	48	1677	10	100	110	1600
SUBTOTAL SN 029-0062	112	38	2050	48	1677	10	100	110	1600
ENTIRE LOCATION	112	38	1930	48	1802	6	100	106	1600
SUBTOTAL	112	38	1930	48	1802	6	100	106	1600
SN 029-0065									
ENTIRE LOCATION	204	68	2490	48	1498	9	100	109	1600
SUBTOTAL	204	68	2490	48	1498	9	100	109	1600
GRAND TOTALS	593	199	8670	192	6397	34	400	434	6400

GROEF

8501W, Higgins Roads Sulte 280
Chicago, Minols 60634 (773) 399-012

JSER NAME = 2189	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/20/2025	DATE -	REVISED -

	F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
	626	D4 BRIDGE DECK OVERLA	Y 2025	FULTON	63	17
				CONTRACT	NO. 68	J14
SCALE: N/A SHEET 2 OF 3 SHEETS STA. N/A TO STA. N/A		ILLINOIS	FED. AID	PROJECT		

TEMPORARY CONCRETE BARRIER SCHEDULE

	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE, NARROW), TEST LEVEL 3
	70400100	70400200	70600251	70600352
LOCATION	(FOOT)	(EACH)	(EACH)	(EACH)
SN 029-0057				
EVERE LOCATION	105.0	405.0	_	
ENTIRE LOCATION	425.0	425.0	2	2
SUBTOTAL	425.0	425.0	2	2
SN 029-0061	425.0	425.0	2	
3N 029-0001				
ENTIRE LOCATION	375.0	375.0	2	2
ENTIRE EGG/(TICIV	010.0	070.0		-
SUBTOTAL	375.0	375.0	2	2
SN 029-0062				
ENTIRE LOCATION	350.0	350.0	2	2
SUBTOTAL	350.0	350.0	2	2
SN 029-0065				
517751 001701		510.5		
ENTIRE LOCATION	512.5	512.5	2	2
SUBTOTAL	512.5	512.5	2	2
GRAND TOTALS	1662.5	1662.5	8	8

GUARDRAIL REFLECTORS SCHEDULE

	GUARDRAIL
	REFLECTORS,
	TYPE B
	78200006
LOCATION	(EACH)
SN 029-0057	
ENTIRE LOCATION	12
SUBTOTAL	12
SN 029-0061	
ENTIRE LOCATION	12
SUBTOTAL	12
SN 029-0062	
ENTIRE LOCATION	9
SUBTOTAL	9
SN 029-0065	
ENTIRE LOCATION	12
OUD TOTAL	- 10
SUBTOTAL	12
GRAND TOTALS	45

BARRIER WALL REFLECTOR SCHEDULE

	BARRIER WALL
	REFLECTORS, TYPE C
	7000011
	78200011
LOCATION	(EACH)
SN 029-0057	
ENTIRE LOCATION	20
SUBTOTAL	20
SN 029-0061	
ENTIRE LOCATION	20
SUBTOTAL	20
SN 029-0062	
ENTIRE LOCATION	20
SUBTOTAL	20
SN 029-0065	
ENTIRE LOCATION	20
SUBTOTAL	20
GRAND TOTALS	80

CONSTRUCTION LAYOUT SCHEDULE

	CONSTRUCTION
	LAYOUT
	Z0013798
LOCATION	(L SUM)
SN 029-0057	
ENTIRE LOCATION	0.25
SUBTOTAL	0.25
SN 029-0061	
ENTIRE LOCATION	0.25
SUBTOTAL	0.25
SN 029-0062	
ENTIRE LOCATION	0.25
SUBTOTAL	0.25
SN 029-0065	
ENTIRE LOCATION	0.25
	0.0000000
SUBTOTAL	0.25
GRAND TOTALS	1

GROEF

8501 W. Higgins Road; Suite 280
Chicago, Minols 60634; (773) 399-002

 USER NAME
 = 2189
 DESIGNED
 REVISED

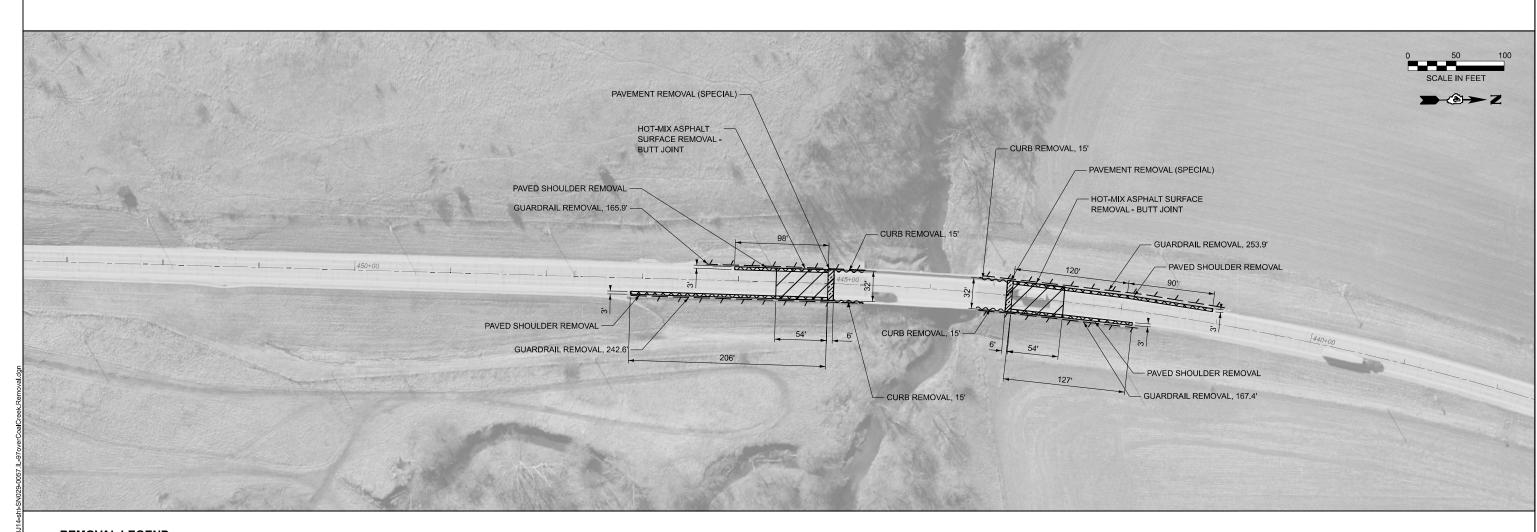
 DRAWN
 REVISED

 CHECKED
 REVISED

 PLOT DATE
 = 5/2/2025
 DATE
 REVISED

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

X:\OH\2023\2023\2023056-06\Design\CADD\Rdwy\SheetsOther\D46



REMOVAL LEGEND



HMA SURFACE REMOVAL, BUTT JOINT

PAVEMENT REMOVAL (SPECIAL)



HMA SURFACE REMOVAL



PAVED SHOULDER REMOVAL

GUARDRAIL REMOVAL

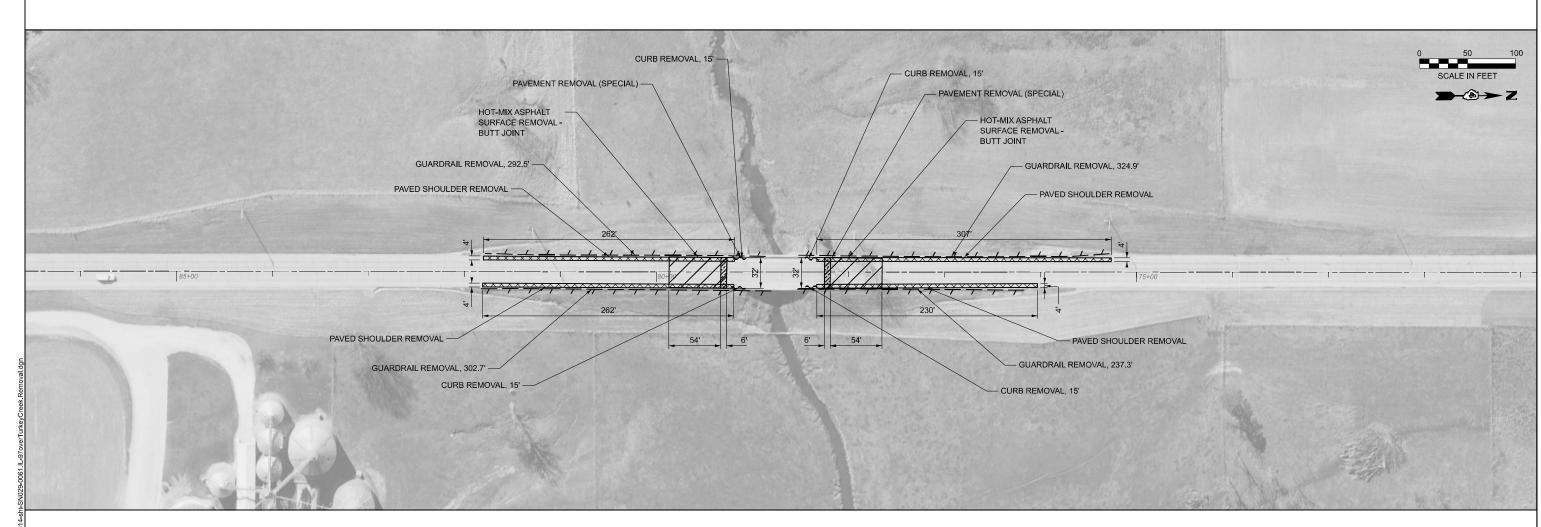
~~~~~~~ CURB REMOVAL

| <b>GR@EF</b>                                                             |
|--------------------------------------------------------------------------|
| 8501 W. Higgins Road; Suite 280<br>Chicago, Minois 60631; (773) 399-0112 |
|                                                                          |

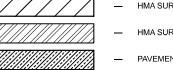
| USER NAME = 2189     | DESIGNED - | REVISED - |
|----------------------|------------|-----------|
|                      | DRAWN -    | REVISED - |
|                      | CHECKED -  | REVISED - |
| PLOT DATE = 5/2/2025 | DATE -     | REVISED - |
|                      |            |           |

| STATE OF ILLINOIS            |
|------------------------------|
| DEPARTMENT OF TRANSPORTATION |

| REMOVAL PLAN                      |       |    |        |      |         | F.A.P.<br>RTE         | SECTION  |          | COUNTY  | TOTAL<br>SHEETS | SHEET<br>NO. |
|-----------------------------------|-------|----|--------|------|---------|-----------------------|----------|----------|---------|-----------------|--------------|
| SN 029-0057 IL-97 OVER COAL CREEK |       |    |        |      | 626     | D4 BRIDGE DECK OVERLA | Y 2025   | FULTON   | 63      | 19              |              |
|                                   |       |    |        |      |         |                       |          | CONTRACT | NO. 68. | J14             |              |
|                                   | SHEET | OF | SHEETS | STA. | TO STA. |                       | ILLINOIS | FED. AII | PROJECT |                 |              |



#### REMOVAL LEGEND



— HMA SURFACE REMOVAL, BUTT JOINT

— HMA SURFACE REMOVAL

PAVEMENT REMOVAL (SPECIAL)

— PAVED SHOULDER REMOVAL

— GUARDRAIL REMOVAL

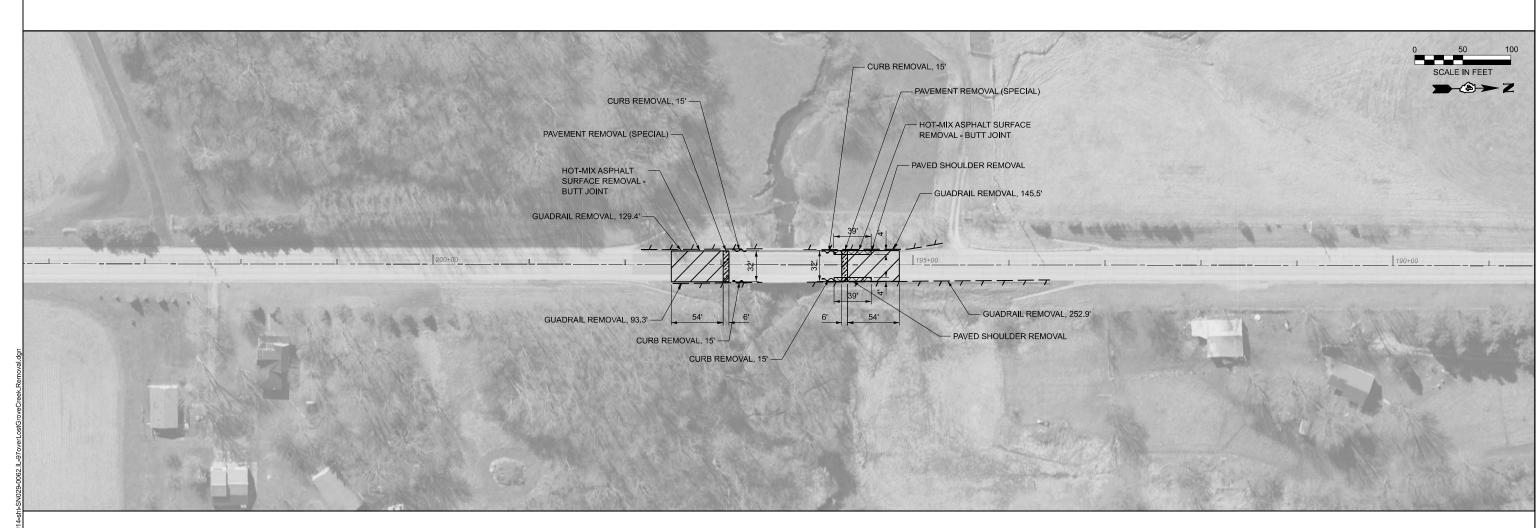
— CURB REMOVAL

| CDSEE                                                                   |
|-------------------------------------------------------------------------|
| GR@EF                                                                   |
|                                                                         |
| 8501 W. Higgins Road; Suite 280<br>Chicago, Minois 60631; (773) 399-002 |
| Chicago, minois 60636 (113/333-002                                      |
|                                                                         |

| USER NAME = 2189     | DESIGNED - | REVISED - |
|----------------------|------------|-----------|
|                      | DRAWN -    | REVISED - |
|                      | CHECKED -  | REVISED - |
| PLOT DATE = 5/2/2025 | DATE -     | REVISED - |

| STATE OF ILLINOIS            |
|------------------------------|
| DEPARTMENT OF TRANSPORTATION |

| REMOVAL PLAN<br>SN 029-0061 IL-97 OVER TURKEY CREEK |                  |    |        |      | F.A.P.<br>RTE | SECTION                   |        | COUNTY | TOTAL<br>SHEETS | SHEET<br>NO. |  |
|-----------------------------------------------------|------------------|----|--------|------|---------------|---------------------------|--------|--------|-----------------|--------------|--|
|                                                     |                  |    |        |      | 626           | D4 BRIDGE DECK OVERLAY    | Y 2025 | FULTON | 63              | 20           |  |
| <u> </u>                                            | CONTRACT NO. 68J |    |        |      | J14           |                           |        |        |                 |              |  |
|                                                     | SHEET            | OF | SHEETS | STA. | TO STA.       | ILLINOIS FED. AID PROJECT |        |        |                 |              |  |







HMA SURFACE REMOVAL, BUTT JOINT

HMA SURFACE REMOVAL

PAVEMENT REMOVAL (SPECIAL)

PAVED SHOULDER REMOVAL

GUARDRAIL REMOVAL

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CURB REMOVAL

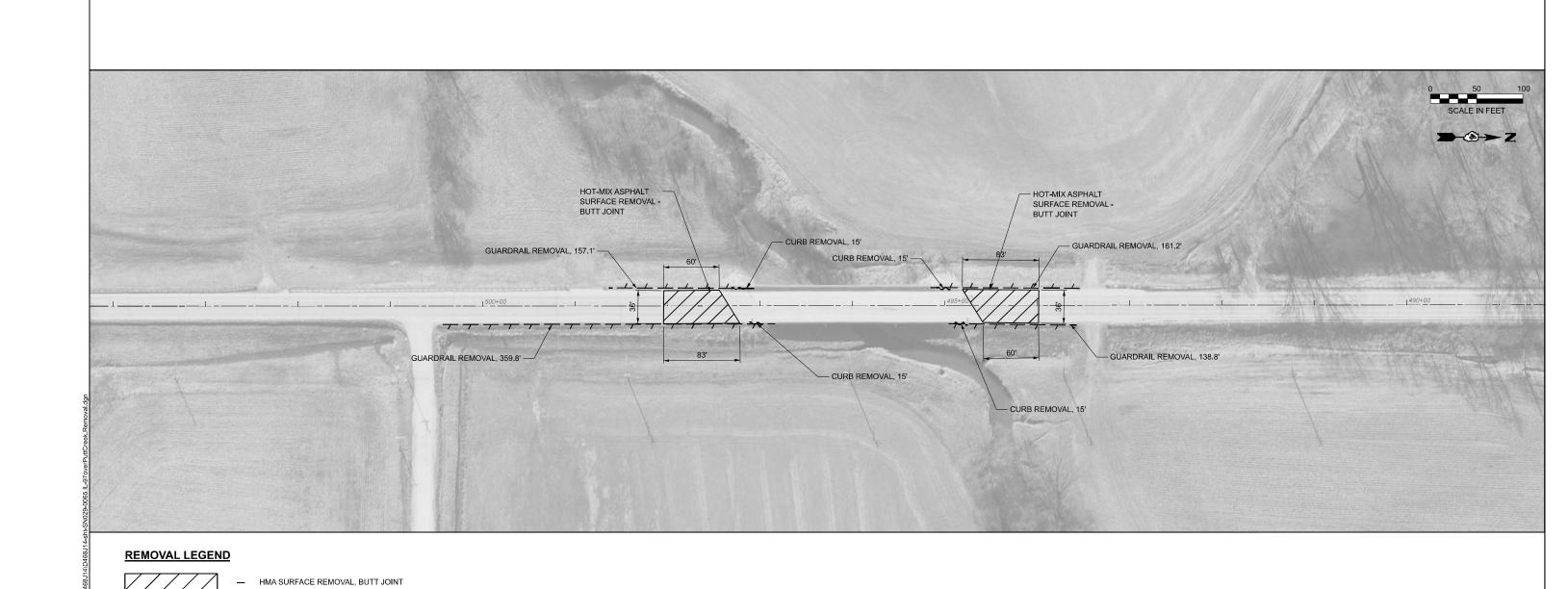
| GRaEF |
|---|
| 8501 W. Higgins Road; Suite 280
Chicago, Minois 60634; (773) 399-002 |

| USER NAME = 2189 | DESIGNED - | REVISED - |
|----------------------|------------|-----------|
| | DRAWN - | REVISED - |
| | CHECKED - | REVISED - |
| PLOT DATE = 5/2/2025 | DATE - | REVISED - |

| STATE OF ILLINOIS |
|------------------------------|
| DEPARTMENT OF TRANSPORTATION |

| SN 0 | 29-0062 | | OVAL P | | OVE CREEK |
|-------|---------|---------|----------|-------|------------|
| 011 0 | 23-0002 | IL-37 O | V LIX LO | or or | OVE SILEIN |
| | SHEET | OF | SHEETS | STA. | TO STA. |

| | F.A.P.
RTE | SEC ⁻ | TION | | COUNTY | TOTAL
SHEETS | SHEET
NO. | |
|---|---------------|------------------|----------|--------------------|-----------|-----------------|--------------|--|
| ĺ | 626 | D4 BRIDGE DECI | (OVERLA | Y 2025 | FULTON | 63 | 21 | |
| _ | | | | CONTRACT NO. 68J14 | | | | |
| | | | ILLINOIS | FED, AII | D PROJECT | | | |
| | 020 | D4 BNIDGE DECE | | | CONTRACT | | | |



GRÆEF

8501 W. Higgins Road; Suite 280
Chicago, minois 6063k; (773) 399-002

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HMA SURFACE REMOVAL

GUARDRAIL REMOVAL

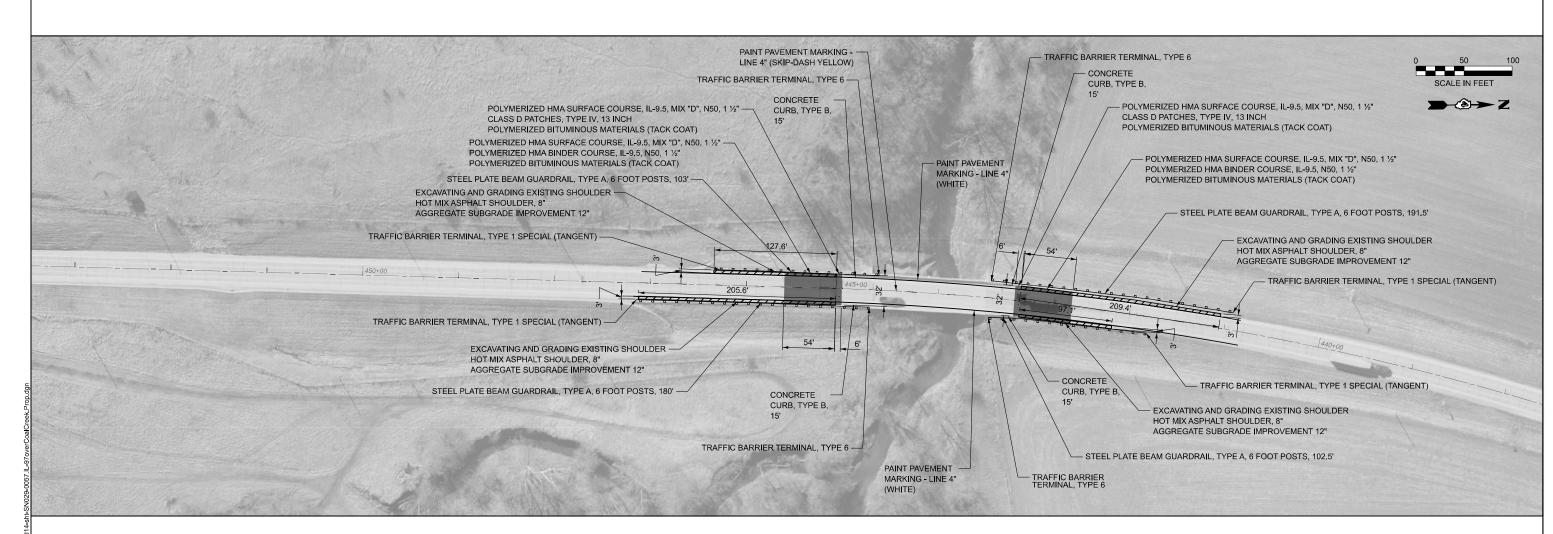
CURB REMOVAL

PAVEMENT REMOVAL (SPECIAL)PAVED SHOULDER REMOVAL

USER NAME = 2189	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/2/2025	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN					F.A.P. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.		
SN 029-0065 IL-97 OVER PUTT CREEK				626	D4 BRIDGE DECK OVERLA	FULTON	63	22				
3N 029-0003 IL-97 OVER POTT CREEK								CONTRAC	Γ NO. 68.	J14		
	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS	FED. AII	PROJECT			





POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N50 1 1/2" POLYMERIZED HMA BINDER COURSE, IL-9.5, N50 1 1/2" POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)



POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N50 1 1/2" CLASS D PATCHES, TYPE IV, 13 INCH POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)



STEEL PLATE BEAM GUARDRAIL



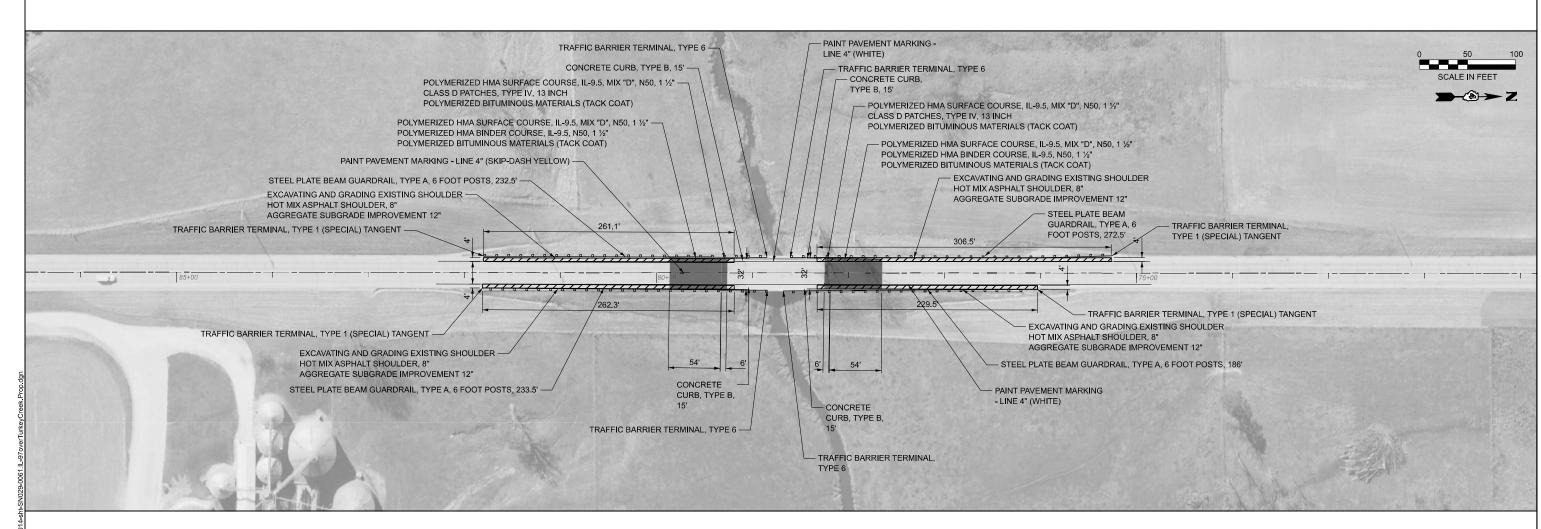
EXCAVATING AND GRADING EXISTING SHOULDER HOT-MIX ASPHALT SHOULDERS, 8" AGGREGATE SUBGRADE IMPROVEMENT 12"

GRØEF	
8501 W. Higgins Road; Suite 280 Chicago, Minois 6063%; (773) 399-002	

USER NAME = 2189	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/2/2025	DATE -	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION** 

	PROF	POSED F	LAN		F.A.P. RTE	SEC <sup>-</sup>	TION		COUNTY	TOTAL SHEETS	SHEET NO.
SN 029-0057 IL-97 OVER COAL CREEK					626	626 D4 BRIDGE DECK OVERLAY 2025 FULTON		63	23		
					CONTRACT NO. 68J14						
SHEET	OF	SHEETS	STA.	TO STA.			ILLINOIS	FED. AID	PROJECT		





POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N50 1 1/2" POLYMERIZED HMA BINDER COURSE, IL-9.5, N50 1 1/2" POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)



POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N50 1 1/2" CLASS D PATCHES, TYPE IV, 13 INCH POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)



STEEL PLATE BEAM GUARDRAIL



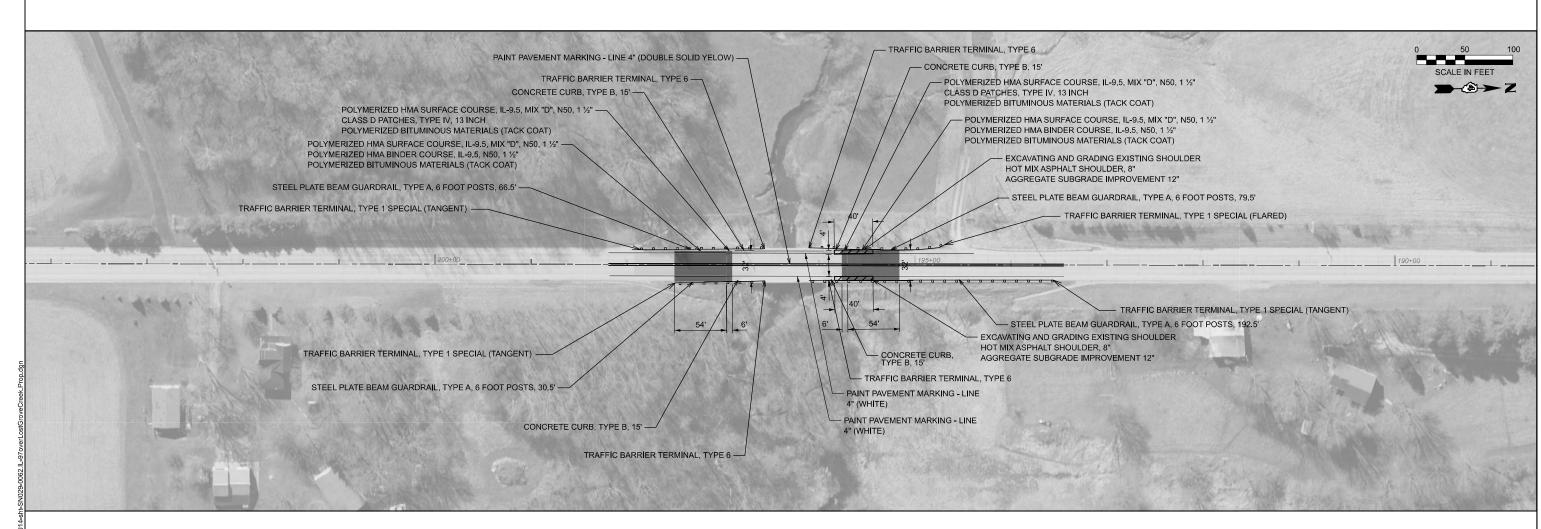
EXCAVATING AND GRADING EXISTING SHOULDER HOT-MIX ASPHALT SHOULDERS, 8" AGGREGATE SUBGRADE IMPROVEMENT 12"

GRaEF	
8501 W. Higgins Road; Suite 280 Chicago, Minois 6063; (773) 399-082	

USER NAME = 2189	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/2/2025	DATE -	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION** 

PROPOSED PLAN					F.A.P. RTE	SECTION COUNTY		COUNTY	TOTAL SHEETS	SHEE NO.	
N 029-0061 IL-97 OVER TURKEY CREEK					626	D4 BRIDGE DECK OVERLA	Y 2025	FULTON	63	24	
	1 023-000	)   IL-3	OVER	TOIN	LIONLLN				CONTRACT	NO. 68J	J14
	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS	FED. AII	PROJECT		





POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N50 1 1/2" POLYMERIZED HMA BINDER COURSE, IL-9.5, N50 1 1/2" POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)



POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N50 1 1/2" CLASS D PATCHES, TYPE IV, 13 INCH POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)



- STEEL PLATE BEAM GUARDRAIL



EXCAVATING AND GRADING EXISTING SHOULDER HOT-MIX ASPHALT SHOULDERS, 8" AGGREGATE SUBGRADE IMPROVEMENT 12"

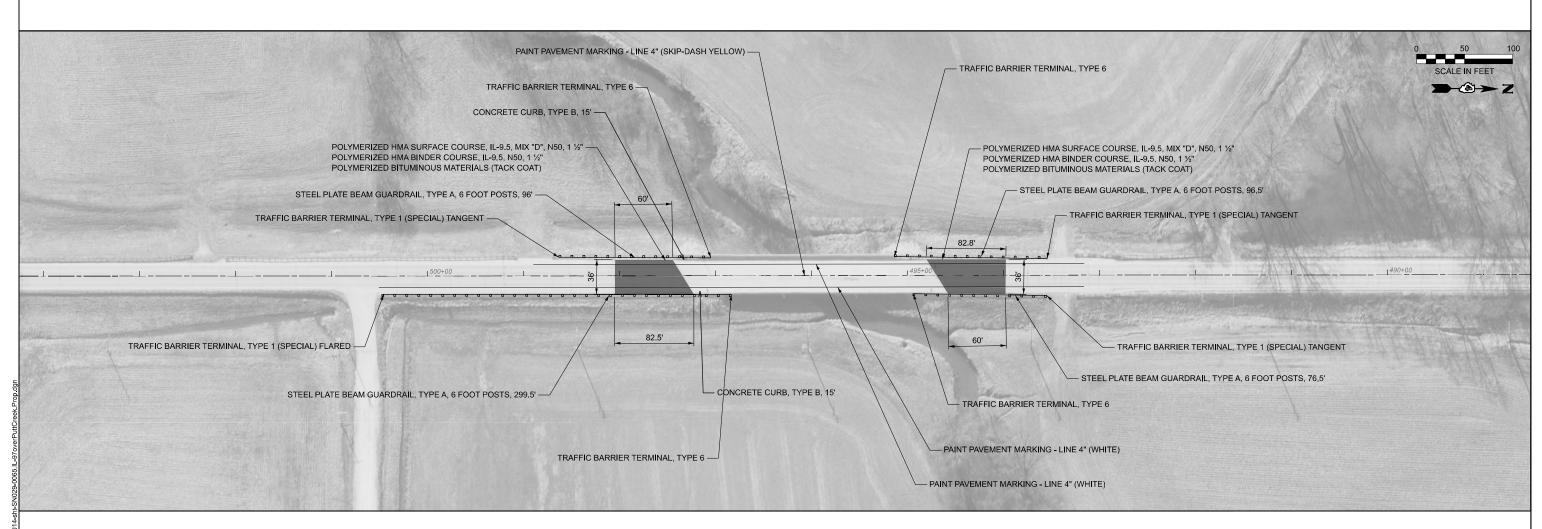
GRaEF	
8501 W. Higgins Road; Suite 280 Chicago, Minois 6063(; (773) 399-002	

USER NAME = 2189	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/2/2025	DATE -	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION** 

PROPOSED PLAN						
SN 029-0062 IL-97 OVER LOST GROVE CREEK						
	SHEET	OF	SHEETS	STA	TO STA	

COUNTY 626 D4 BRIDGE DECK OVERLAY 2025 FULTON 63 25 CONTRACT NO. 68J14





POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N50 1 1/2"
 POLYMERIZED HMA BINDER COURSE, IL-9.5, N50 1 1/2"
 POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)



 POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N50 1 1/2" CLASS D PATCHES, TYPE IV, 13 INCH POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)



STEEL PLATE BEAM GUARDRAIL



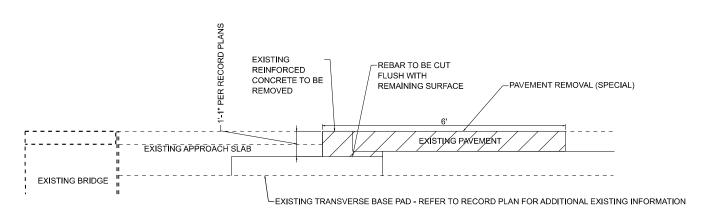
 EXCAVATING AND GRADING EXISTING SHOULDER HOT-MIX ASPHALT SHOULDERS, 8"
 AGGREGATE SUBGRADE IMPROVEMENT 12"

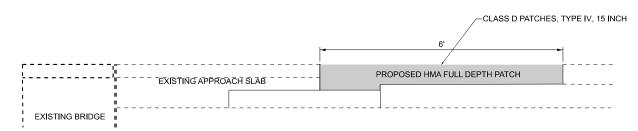
GRaEF	
8501 W. Higgins Road; Suite 280 Chicago, Minois 6063; (773) 399-082	

USER NAME = 2189	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/2/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

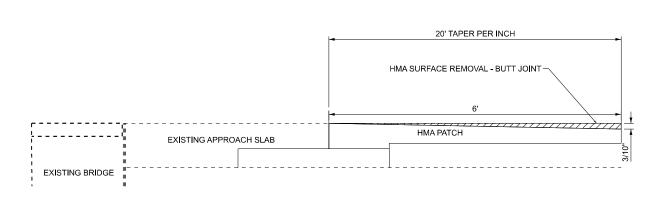
PROPOSED PLAN SN 029-0065 IL-97 OVER PUTT CREEK				F.A.P. RTE.	SECTIO	ON		COUNTY	TOTAL SHEETS	SHEET NO.		
				626	D4 BRIDGE DECK O	OVERLA	Y 2025	FULTON	63	26		
	SN 029-0003 IL-97 OVER FOTT CREEK								CONTRACT	NO. 68.	J14	
	SHEET	OF	SHEETS	STA.	TO STA.		iL	LINOIS	FED. AID	PROJECT		

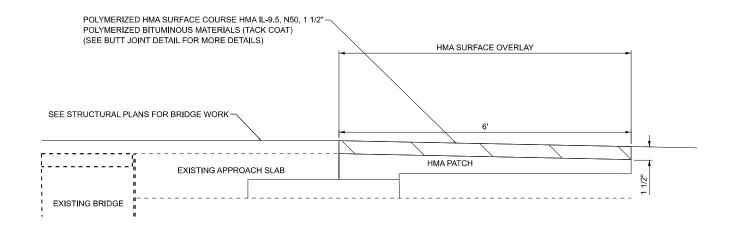




#### OPERATION 1 - PAVEMENT REMOVAL - SPECIAL (DETAIL) - N.T.S.

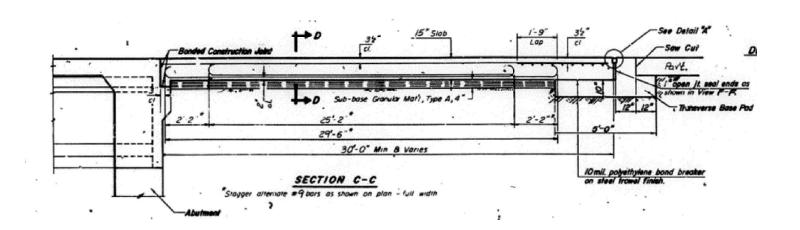
OPERATION 2 - PROPOSED HMA FULL DEPTH PATCH - N.T.S.



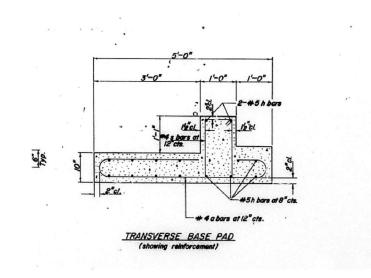


OPERATION 3 - HMA SURFACE REMOVAL - BUTT JOINT- N.T.S.

**OPERATION 4 - HMA SURFACE OVERLAY - N.T.S.** 



**CONTRACT 88060 - APPROACH SLAB CONDITION (SPECIAL)** 



#### CONTRACT 88060 - TRANVERSE BASE PAD DETAIL

=	
GRØEF	
8501 W. Higgins Road: Suite 280 Chicago, Winois 60634; (773) 399-002	
Chicago, Minois 60634 (773) 399-002	Г

	PLOT DATE = 5/2/2025	DATE -	REVISED -	
.			DEV (10EB	
		CHECKED -	REVISED -	
		DRAWN -	REVISED -	
	USER NAME = 2189	DESIGNED -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

3	PAVEMENT REMOVAL SPECIAL SN 029-0057, SN 029-0061, SN 029-0062								
	SHEET	OF	SHEETS	STA	TO STA				

F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
626	D4 BRIDGE DECK OVERLA	Y 2025	FULTON	63	27
	•		CONTRACT	NO. 68.	J14
	ILLINOIS	FED. AII	PROJECT		

REFER TO BUTT JOINT DETAIL FOR THE AREA BEYOND THE LIMITS OF PAVEMENT REMOVAL

029-0057 INCLUDES A 5-FOOT CONCRETE PAVEMENT CONNECTOR IN PLACE OF THE T-SHAPED TRANSVERSE BASE PADS. THIS CONNECTOR SHALL BE REMOVED AND REPLACED WITH A 6-FOOT FULL-DEPTH HMA PATCH, IN ACCORDANCE WITH THE DETAILS

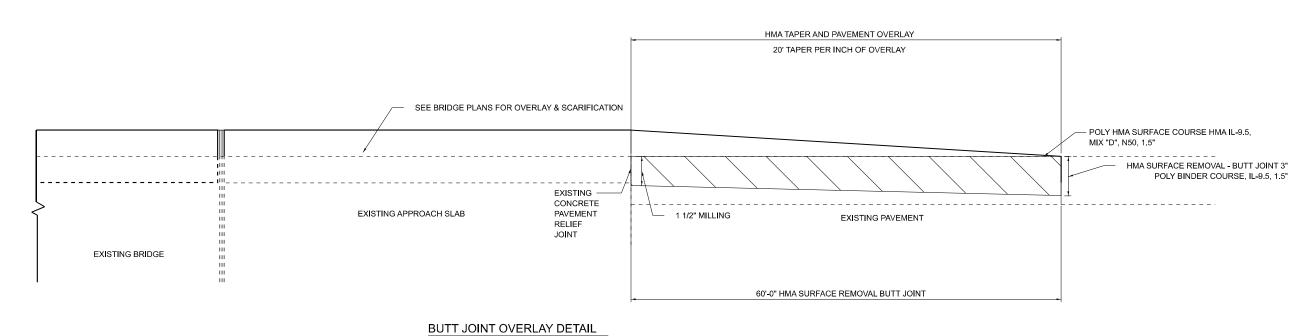
PROVIDED ON THIS SHEET.

**NOTES** 

(SPECIAL)

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GRÆEF

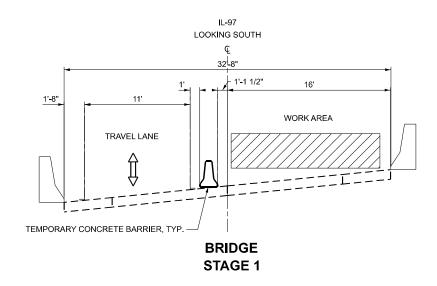
8501 W. Higgins Road; Suite 280
Chicago, Minois 60634; (773) 399-002

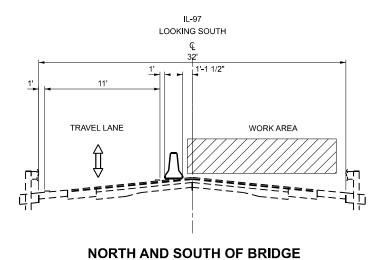
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT DETAIL
SN 029-0057, SN 029-0061, SN 029-0062, SN 029-0065

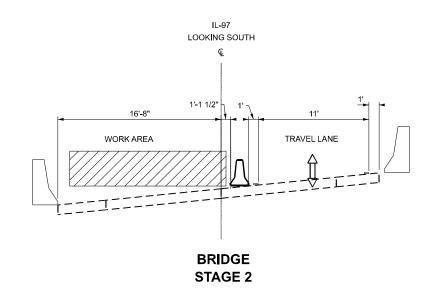
| SHEET OF SHEETS STA. TO STA.

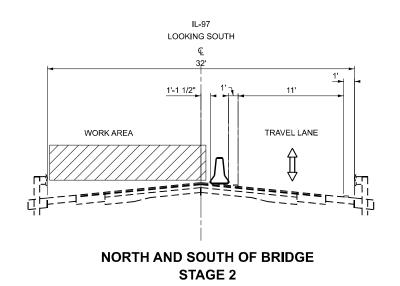
FILE NAME: X:\OH\2023\20230256-06\Design\CADD\Rdw





STAGE 1





#### NOTES

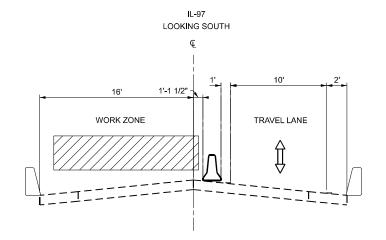
 FOR ALL SECTIONS, THERE SHALL BE 6
 INCHES BETWEEN THE TOE OF THE
 TEMPORARY CONCRETE BARRIER AND THE BEGINNING OF THE WORK AREA.



USER NAME = 2189	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/2/2025	DATE -	REVISED -

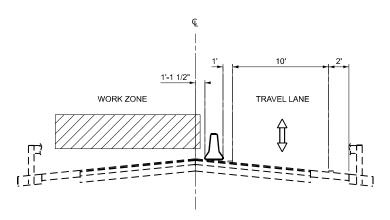
**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION** 

SUGGESTED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
SN 029-0057 IL-97 OVER COAL CREEK					626	D4 BRIDGE DECK OVERLAY 2025	FULTON	63	29	
3N 029-0037 IL-97 OVER COAL CREEK							CONTRACT	NO. <b>68</b>	J14	
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED AL	D PROJECT		

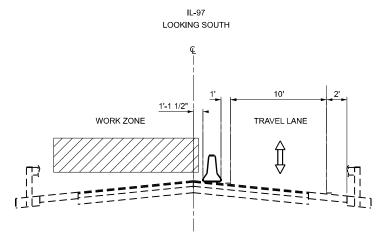


#### BRIDGE STAGE 1

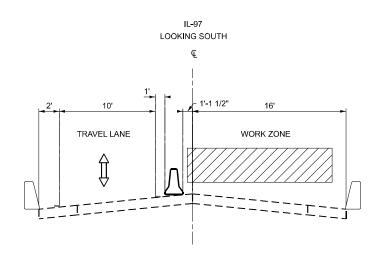




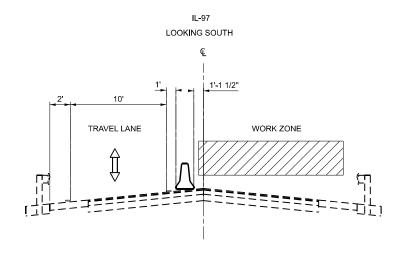
#### NORTH OF BRIDGE STAGE 1



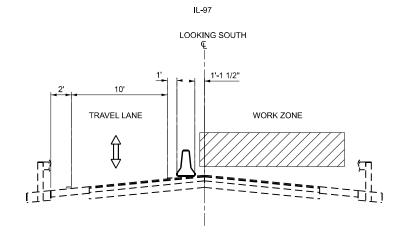
#### **SOUTH OF BRIDGE STAGE 1**



#### BRIDGE STAGE 2



#### NORTH OF BRIDGE STAGE 2



#### **SOUTH OF BRIDGE STAGE 2**

#### NOTES

FOR ALL SECTIONS, THERE SHALL BE 6
 INCHES BETWEEN THE TOE OF THE
 TEMPORARY CONCRETE BARRIER AND THE
 BEGINNING OF THE WORK AREA.

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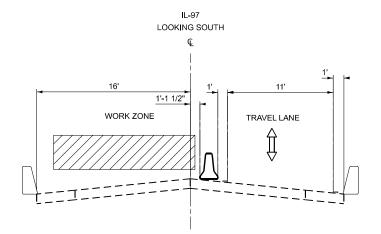
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

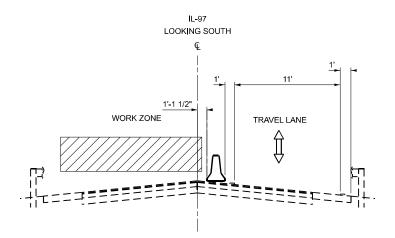
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SN 029-0061 IL-97 OVER TURKEY CREEK

SCALE: SHEET OF SHEETS STA. TO STA.

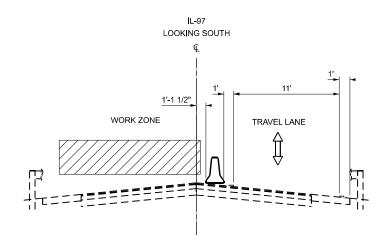
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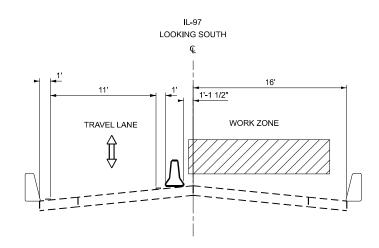
#### **BRIDGE** STAGE 1



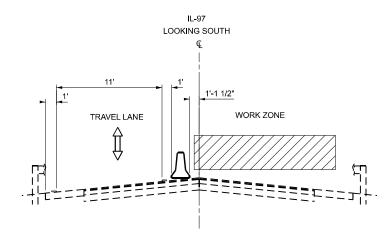
#### NORTH OF BRIDGE STAGE 1



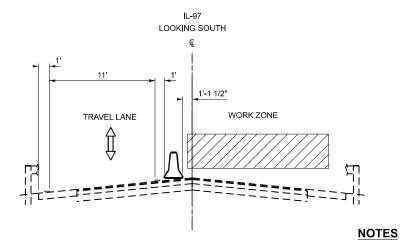
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#### BRIDGE STAGE 2



#### NORTH OF BRIDGE STAGE 2



#### **SOUTH OF BRIDGE STAGE 2**

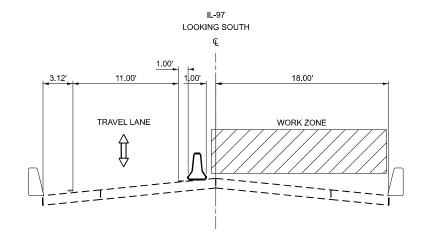
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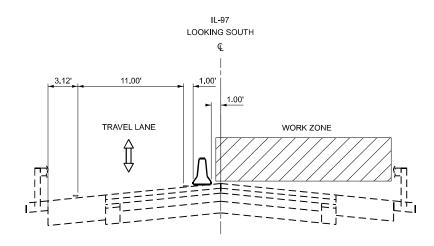
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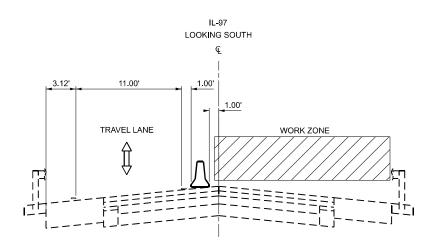
SUGGESTED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS SN 029-0062 IL-97 OVER LOST GROVE CREEK					F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
					626	D4 BRIDGE DECK OVERLAY 202	25 FULTON	63	31	
011 0	SN 029-0002 IE-97 OVER EOST GROVE CREEK							CONTRAC	T NO. <b>68</b>	J14
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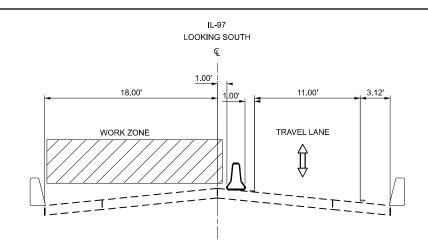
BRIDGE STAGE 1



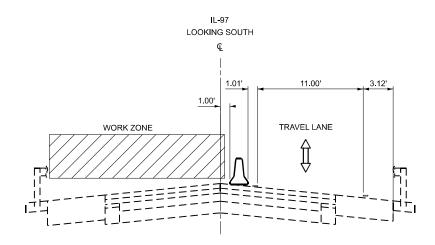
#### NORTH OF BRIDGE STAGE 1



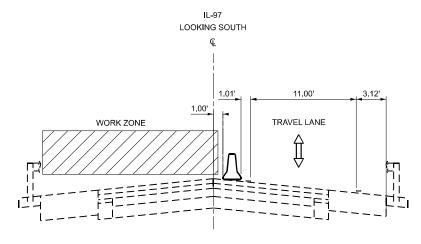
**SOUTH OF BRIDGE STAGE 1** 



#### BRIDGE STAGE 2



#### NORTH OF BRIDGE STAGE 2



#### **NOTES**

#### **SOUTH OF BRIDGE STAGE 2**

FOR ALL SECTIONS, THERE SHALL BE 6
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TEMPORARY CONCRETE BARRIER AND THE
BEGINNING OF THE WORK AREA.

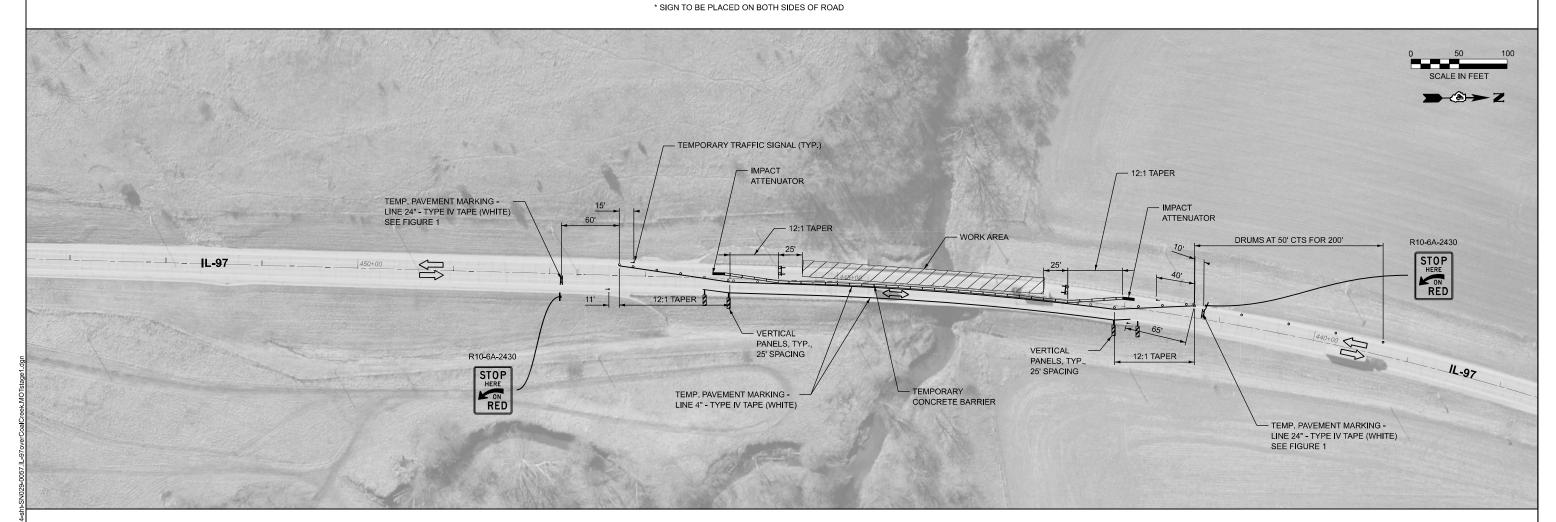
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PLOT DATE = 5/2/2025	DATE -	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION** 

SUGGESTED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS SN 029-0065 IL-97 OVER PUTT CREEK						F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
						626	D4 BRIDGE DECK OVERLA	Y 2025	FULTON	63	32
	SN 029-0003 IE-97 OVER FOTT CREEK								CONTRACT	NO. 68.	J14
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#### LEGEND

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⇒ TEMPORARY CONCRETE BARRIER

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IMPACT ATTENUATOR (NON- REDIRECTIVE, NARROW), TEST LEVEL 3

→ TEMPORARY TRAFFIC SIGNAL

DOUBLE VERTICAL PANEL (SEE DETAIL)

TYPE III BARRICADE WITH FLASHING AMBER LIGHT

#### NOTES

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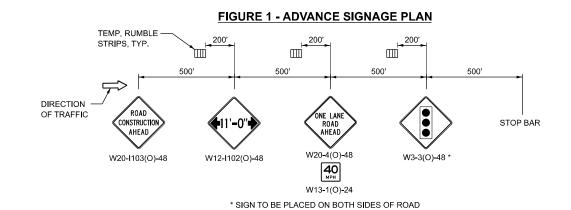
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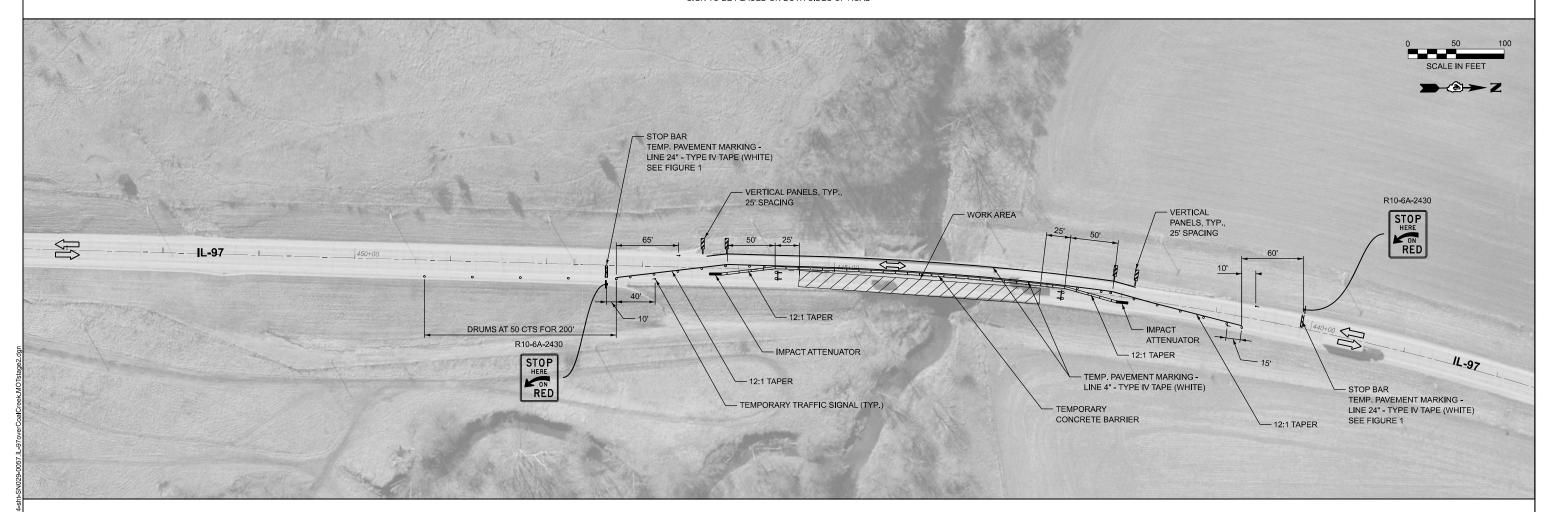
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC PLAN - STAGE 1 SN 029-0057 IL-97 OVER COAL CREEK								
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F.A.P. RTE.			COUNTY	TOTAL SHEETS	SHEET NO.				
626	D4 BRIDGE DECK OVERLA	FULTON	63	33					
		CONTRACT	NO. 68.	J14					
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#### **LEGEND**

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IMPACT ATTENUATOR (NON- REDIRECTIVE, NARROW), TEST LEVEL 3

TEMPORARY TRAFFIC SIGNAL

DOUBLE VERTICAL PANEL (SEE DETAIL)

TYPE III BARRICADE WITH FLASHING AMBER LIGHT

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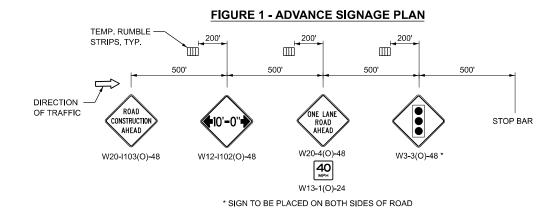
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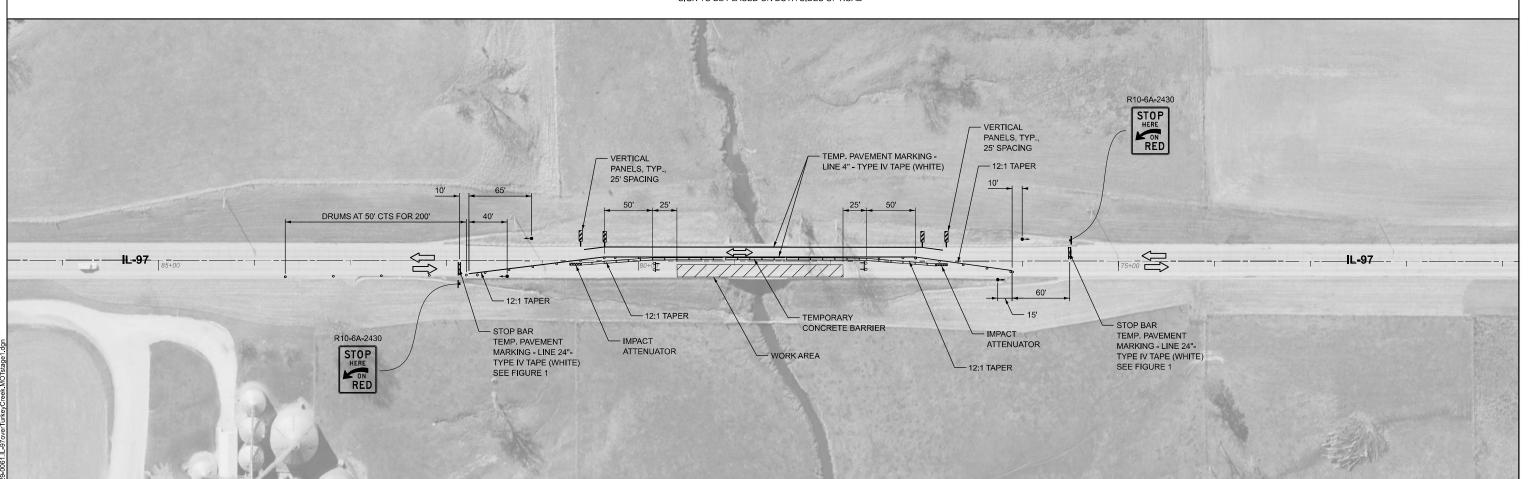
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PLOT DATE = 5/2/2025	DATE -	REVISED -

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DEPARTMENT OF TRANSPORTATION

					IC PLAN - STAGE 2 L CREEK
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

	F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	626	D4 BRIDGE DECK OVERLA	FULTON	63	34	
			CONTRACT	NO. 68.	J14	
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TEMPORARY CONCRETE BARRIER

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IMPACT ATTENUATOR (NON- REDIRECTIVE, NARROW), TEST LEVEL 3

TEMPORARY TRAFFIC SIGNAL

DOUBLE VERTICAL PANEL (SEE DETAIL)

TYPE III BARRICADE WITH FLASHING AMBER LIGHT

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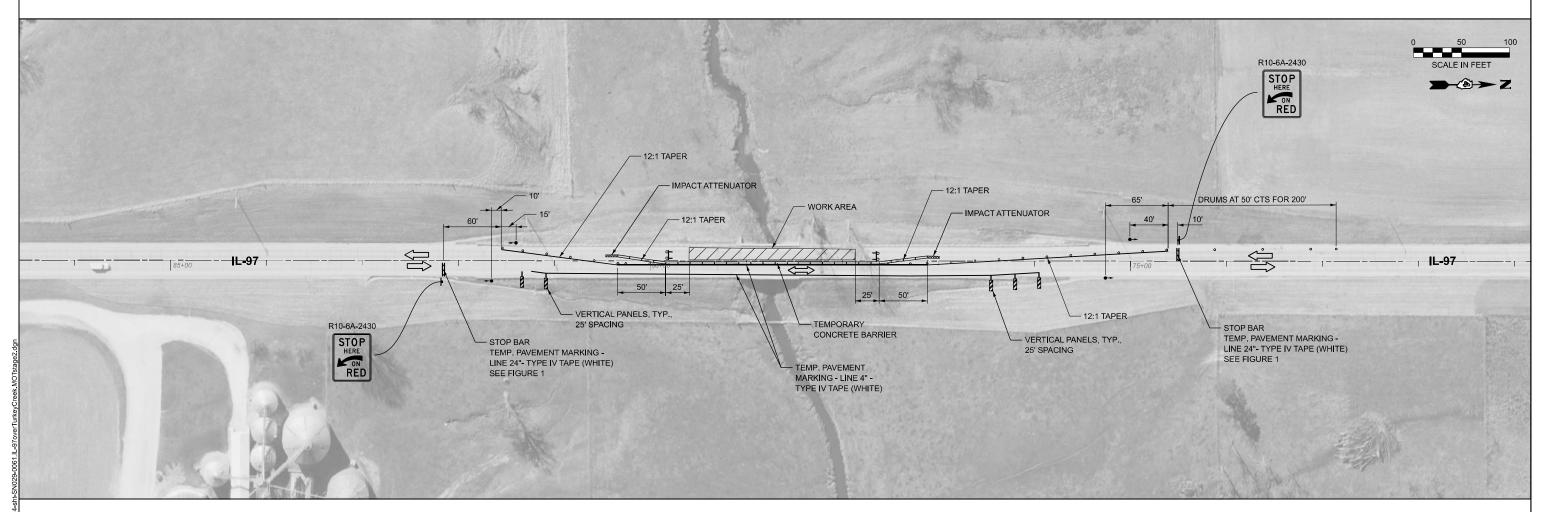
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

					IC PLAN - STAGE 1 EY CREEK
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

F.A.P. RTE.			COUNTY	TOTAL SHEETS	SHEET NO.	
626	626 D4 BRIDGE DECK OVERLAY 2025		FULTON	63	35	
		CONTRACT	NO. 68.	J14		
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#### FIGURE 1 - ADVANCE SIGNAGE PLAN TEMP. RUMBLE 200' 200' STRIPS, TYP. 500' DIRECTION ROAD CONSTRUCTION OF TRAFFIC STOP BAR W20-4(O)-48 W3-3(O)-48 <sup>3</sup> W20-I103(O)-48 W12-I102(O)-48 40 MPH W13-1(O)-24

\* SIGN TO BE PLACED ON BOTH SIDES OF ROAD





WORK AREA

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TEMPORARY RUMBLE STRIPS

TEMPORARY CONCRETE BARRIER

IMPACT ATTENUATOR (NON- REDIRECTIVE, NARROW), TEST LEVEL 3

TEMPORARY TRAFFIC SIGNAL

DOUBLE VERTICAL PANEL (SEE DETAIL)

TYPE III BARRICADE WITH FLASHING AMBER LIGHT

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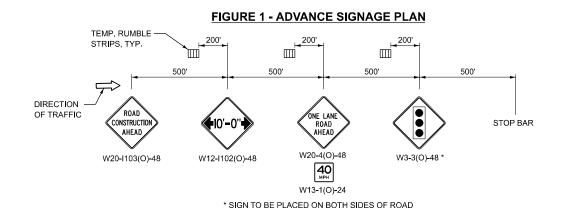
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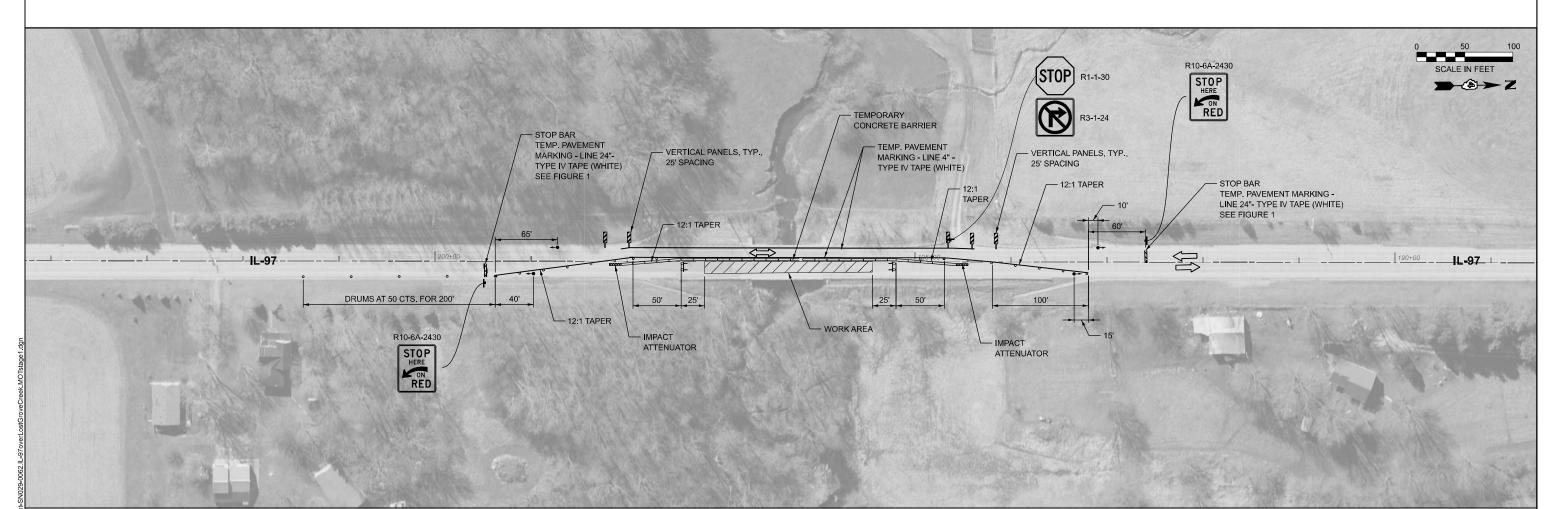
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Chicago, Minois 60631; (773) 399-012

USER NAME = 2189	DESIGNED -	REVISED -
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PLOT DATE = 5/2/2025	DATE -	REVISED -

STATE OF ILLINOIS					
<b>DEPARTMENT OF TRANSPORTATION</b>					

SUGGESTED MAINTENAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
SN 029-0061 IL-97 OVER TURKEY CREEK			626	D4 BRIDGE DECK OVERLAY 2025	FULTON	63	36
514 029-0001 IL-37			CONTRACT	NO. 68J	114		
ONE OF	OLIFETO OTA	TO 0T4					





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TEMPORARY RUMBLE STRIPS

TEMPORARY CONCRETE BARRIER

IMP.

IMPACT ATTENUATOR (NON- REDIRECTIVE, NARROW), TEST LEVEL 3

→ TEMPORARY TRAFFIC SIGNAL

DOUBLE VERTICAL PANEL (SEE DETAIL)

TYPE III BARRICADE WITH FLASHING AMBER LIGHT

#### NOTES

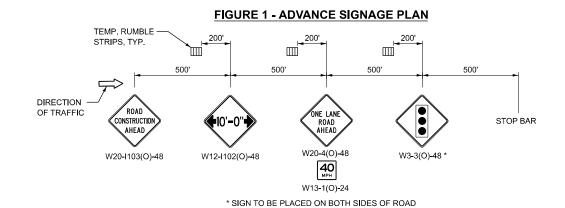
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8501 W. Higgins Road; Suite 280
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					FIC PLAN - STAGE 1 ROVE CREEK
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

A.P.	SECT	ION		COUNTY	TOTAL SHEETS	SHEET NO.
626	D4 BRIDGE DECK OVERLAY 2025			FULTON	63	37
				CONTRACT	NO. 68.	J14
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SCALE IN FEET R10-6A-2430 **→②**→Z ATTENUATOR — 12:1 TAPER ATTENUATOR DRUMS AT 50' CTS. FOR 200' 12:1 TAPER - 12:1 TAPER – STOP BAR TEMP. PAVEMENT MARKING -LINE 24"- TYPE IV TAPE (WHITE) SEE FIGURE 1 VERTICAL PANELS, TYP., R10-6A-2430 TEMP. PAVEMENT MARKING -25' SPACING STOP HERE ON RED TEMP. PAVEMENT LINE 24"- TYPE IV TAPE (WHITE) SEE FIGURE 1 MARKING - LINE 4" -TYPE IV TAPE (WHITE) PANELS, TYP., 25' SPACING



WORK AREA

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TEMPORARY RUMBLE STRIPS

TEMPORARY CONCRETE BARRIER

IMPACT ATTENI
TEST LEVEL 3

IMPACT ATTENUATOR (NON- REDIRECTIVE, NARROW),

TEMPORARY TRAFFIC SIGNAL

DOUBLE VERTICAL PANEL (SEE DETAIL)

TYPE III BARRICADE WITH FLASHING AMBER LIGHT

#### **NOTES**

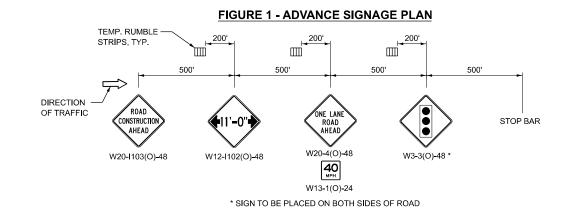
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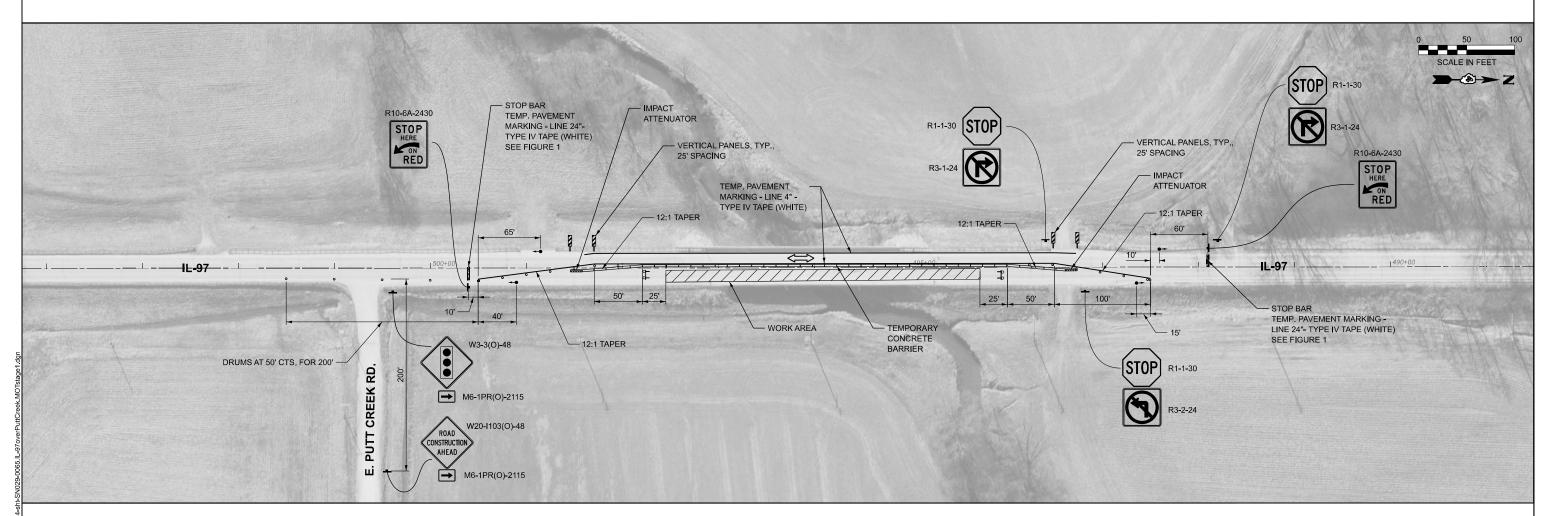
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					PLAN - STAGE 2 /E CREEK
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

F.A.P. RTE.	SECT	COUNTY	TOTAL SHEETS	SHEET NO.		
626	6 D4 BRIDGE DECK OVERLAY 2025			FULTON	63	38
			CONTRACT	NO. 68.	J14	
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TEMPORARY RUMBLE STRIPS

TEMPORARY CONCRETE BARRIER

IMP.

IMPACT ATTENUATOR (NON-REDIRECTIVE, NARROW), TEST LEVEL 3

TEMPORARY TRAFFIC SIGNAL

DOUBLE VERTICAL PANEL (SEE DETAIL)

TYPE III BARRICADE WITH FLASHING AMBER LIGHT

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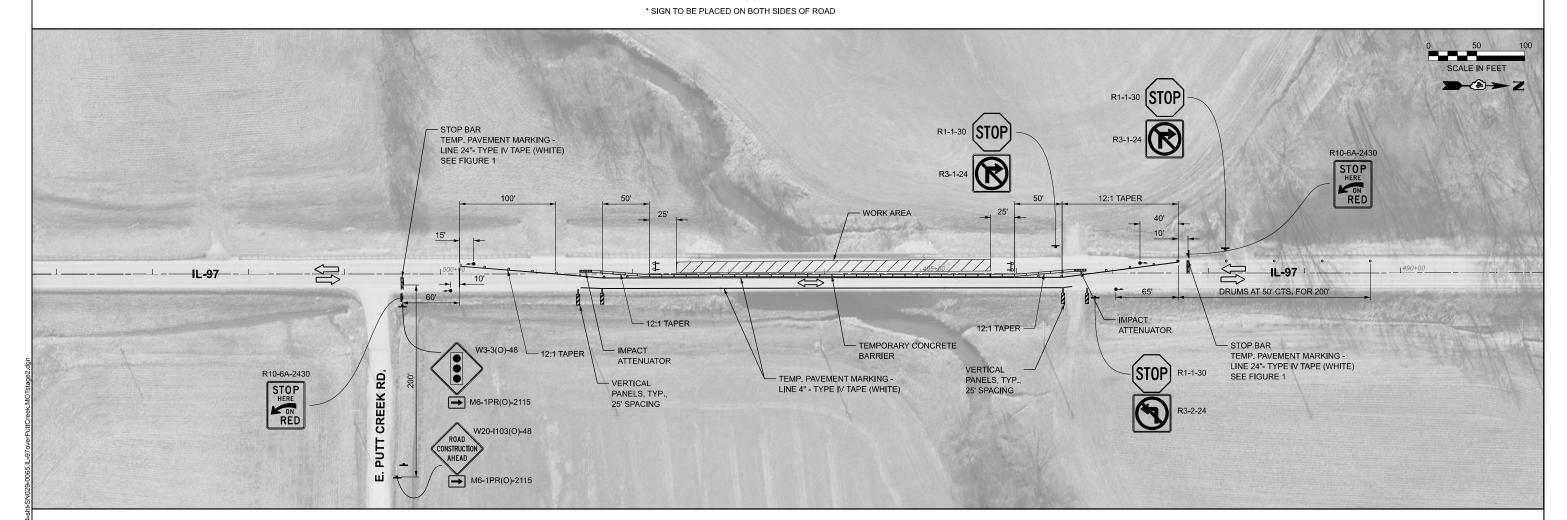
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PLOT DATE = 5/2/2025	DATE -	REVISED -

					IC PLAN - STAGE 1 CREEK
LE:	SHEET	OF	SHEETS	STA.	TO STA.

	F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	626	D4 BRIDGE DECK OVERLA	FULTON	63	39	
			CONTRACT	NO. 68.	J14	
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TEMPORARY RUMBLE STRIPS

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IMPACT ATTENUATOR (NON- REDIRECTIVE, NARROW), TEST LEVEL 3

→ TEMPORARY TRAFFIC SIGNAL

DOUBLE VERTICAL PANEL (SEE DETAIL)

TYPE III BARRICADE WITH FLASHING AMBER LIGHT

#### NOTES

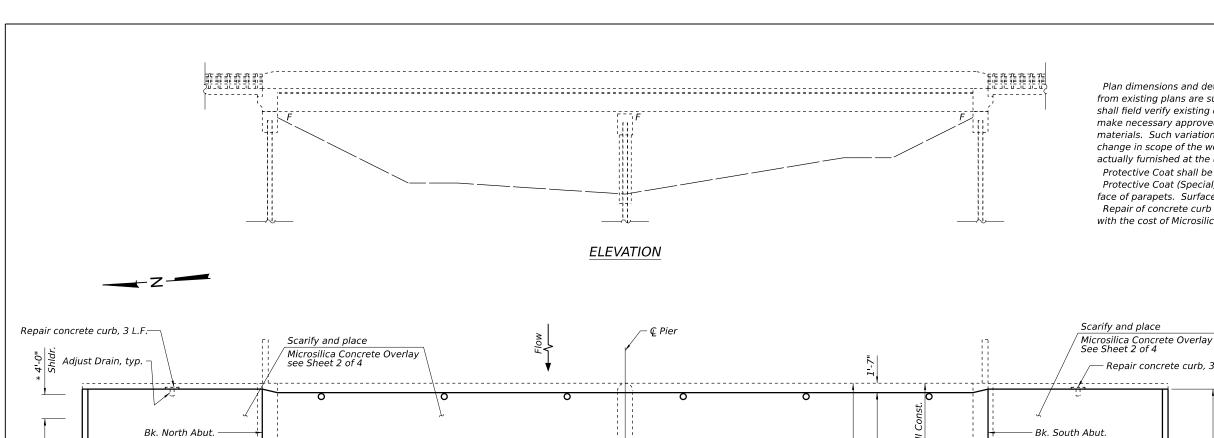
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	SUGGESTED MAINTENANCE OF TRAFFIC PLAN - STAGE 2 SN 029-0065 IL-97 OVER PUTT CREEK									
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.					

F.A.P. RTE.			COUNTY	TOTAL SHEETS	SHEE NO.
626	626 D4 BRIDGE DECK OVERLAY 2025		FULTON	63	40
			CONTRACT	NO. 68.	J14
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**€** Structure © Local Tangent Line @ Sta. 445+35.00

#### **GENERAL NOTES**

Plan dimensions and details relative to the existing structure have been taken from existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Protective Coat shall be applied to areas of new concrete.

Repair concrete curb, 3 L.F.

Polymer Concrete

See Detail B

nosing, see Detail A

30'-0"

Approach Slab

Protective Coat (Special) shall be applied to the inside face, top face and outside face of parapets. Surface Filler (Special) shall be applied according to Special Provisions. Repair of concrete curb will not be paid for separately and shall be included with the cost of Microsilica Concrete Overlay.

#### **INDEX OF SHEETS**

- 1. General Plan and Elevation
- 2. Bridge Cross Section and Stage Construction Details
- 3. Temporary Concrete Barrier
- 4. Approach Shoulder Inlet Adjustment Details

#### SCOPE OF WORK

- 1. Scarify and overlay Bridge Deck, Approach Slabs.
- 2. Adjust Approach Slab Drains



2025.05.19 11/30/2026

GENERAL PLAN & ELEVATION ILLINOIS ROUTE 97 OVER COAL CREEK F.A.P. RTE. 626 SEC. D4 BRIDGE DECK OVERLAY 2025

> STATION 445+35.00 STRUCTURE NO. 029-0057

**FULTON COUNTY** 

# HORNER

DESIGNED - SR REVISED CHECKED - NHP REVISED DRAWN REVISED CHECKED - NHP REVISED

© IL Rte. 97

60'-6"

Bridge Deck Scarification  $\frac{3}{4}$ "

Microsilica Concrete Overlay 21/4"

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

60'-6'

COUNTY FULTON 63 41 626 D4 Bridge Deck Overlay 2025 CONTRACT NO. 68J14 SHEET 1 OF 4 SHEETS

#### ITEM UNIT TOTAL Bridge Deck Grooving Sq. Yd. 625 Protective Coat Sq. Yd. 665 Inlets to be Adjusted Each 2 Surface Filler (Special) Gallon 7 Protective Coat (Special) Sq. Yd. 176 Bridge Deck Scarification 3/4" 665 Sq. Yd. Bridge Deck Microsilica Concrete Overlay 21/4" Sq. Yd. 665 Cu. Ft. Polymer Concrete

TOTAL BILL OF MATERIAL

## \* Radial Dimensions \*\* See roadway plans for HMA.

2<sup>1</sup>⁄<sub>4</sub>" Microsilica

Concrete Overlay

Polymer Concrete

30'-0"

Approach Slab

Existing Approach Pavement

DETAIL A

Note: South Approach Pavement shown, North similar.

nosing, see Detail A

See Detail B

\* \* Approach

Roadway

 $3\frac{1}{2}$ " Polymer Concrete

Construction joint below

## PLAN

121'-0" Bk. to Bk. Abutments

# 588 of the Standard Specifications.

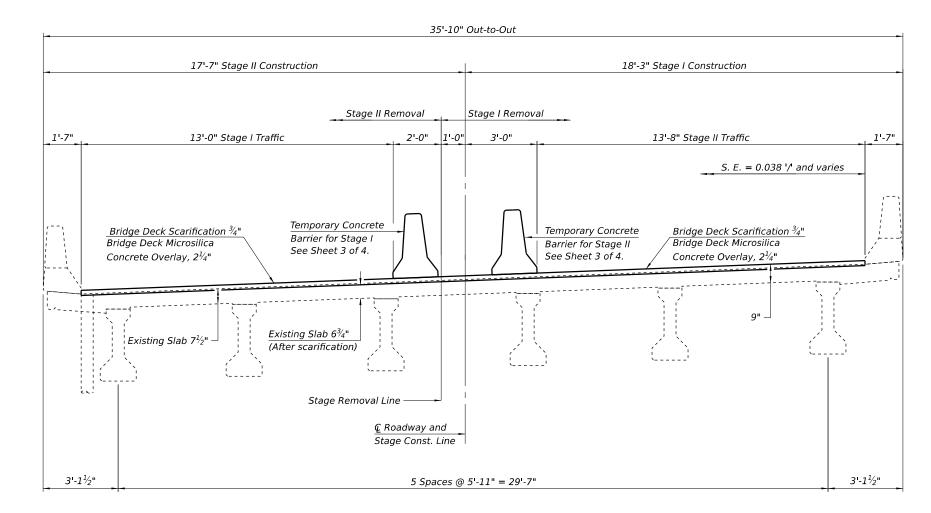
 $\frac{1}{4}$ " x  $\frac{3}{4}$ " Formed joint with bridge joint sealer.

Full width. According to Section

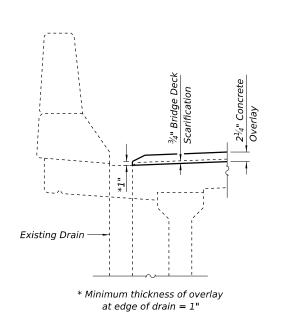
Existing Approach Pavement Existing Abutment

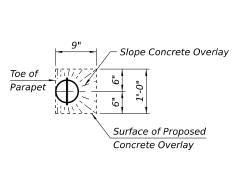
DETAIL B

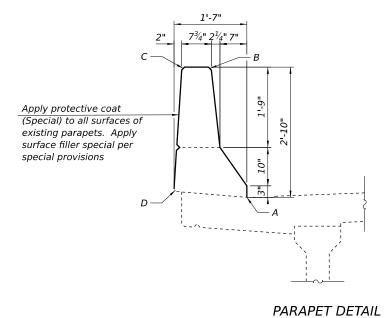
3/4" Scarification



# STAGE CONSTRUCTION DETAIL Looking South







# Protective Coat (Special) to cover from Point A through Points B, C and D of the existing Parapets.

#### FLOOR DRAIN PRESERVATION

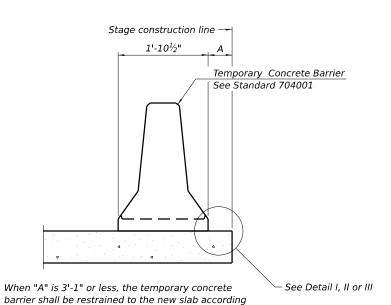
TOP PLAN OF FLOOR D	DRAIN
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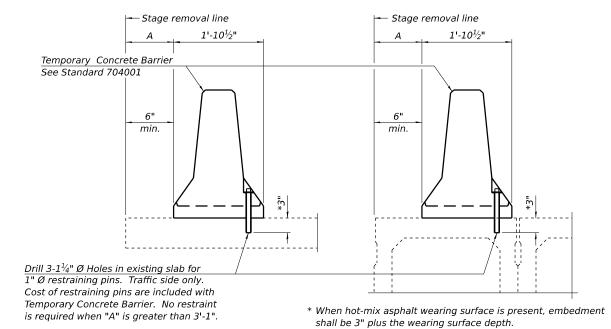
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	PLOT DATE =	CHECKED	-	NHP	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTION AND STAGE CONSTRUCTION DETAILS STRUCTURE NO. 029-0057		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		D4 Bridge Deck Overlay 2025 FUL		63	42	
311(00101(E 110, 023 0031			CONTRAC	CT NO. 6	BJ14	
SHEET 2 OF 4 SHEETS		ILLINOIS FEI	AID PROJECT			





1x8 UNC  $\frac{7}{16}$ " Ø hole US Std.  $1\frac{1}{16}$ " I.D.  $\times 2\frac{1}{2}$ " O.D. x approx. 8 gauge thick washer 1" Ø pin RESTRAINING PIN

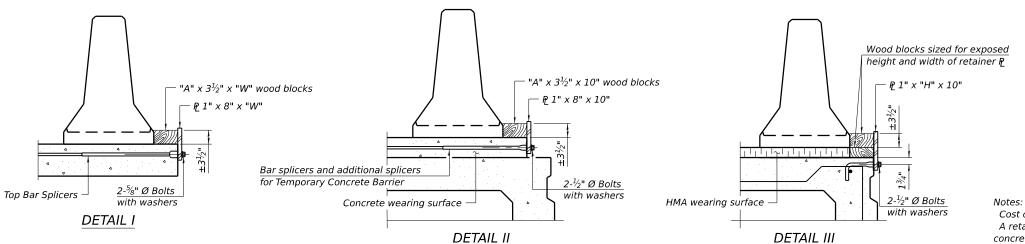
#### NEW SLAB OR NEW DECK BEAM

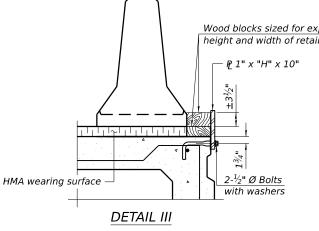
to Detail I, II or III. No restraint is required

when "A" is greater than 3'-1".

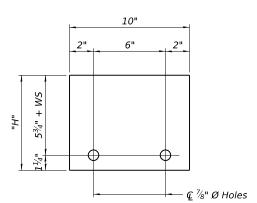
EXISTING SLAB

#### SECTIONS THRU SLAB OR DECK BEAM





EXISTING DECK BEAM



## STEEL RETAINER P 1" x "H" x 10" (Detail III)

Cost of retainer assembly is included with Temporary Concrete Barrier. A retainer assembly shall be located at the approximate  $\mathcal C$  of each temporary concrete barrier.

BAR SPLICER FOR #4 BAR - DETAIL III

The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.

When the 'A' dimension is less than  $1\frac{1}{2}$ ", the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

Detail I - Installation for a new bridge deck or bridge slab.

Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.

Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

	_	10"		Detail II
	2"_	Top bars Spa.	2"_	Detail I
		6"		Detail II
1 1				
_				
8"				
1/4	-		-	
		-	- (	£ %" Ø Holes

STEEL RETAINER P 1" x 8" x "W"

(Detail I and II)

Detail I

#### RAILING CRITERIA

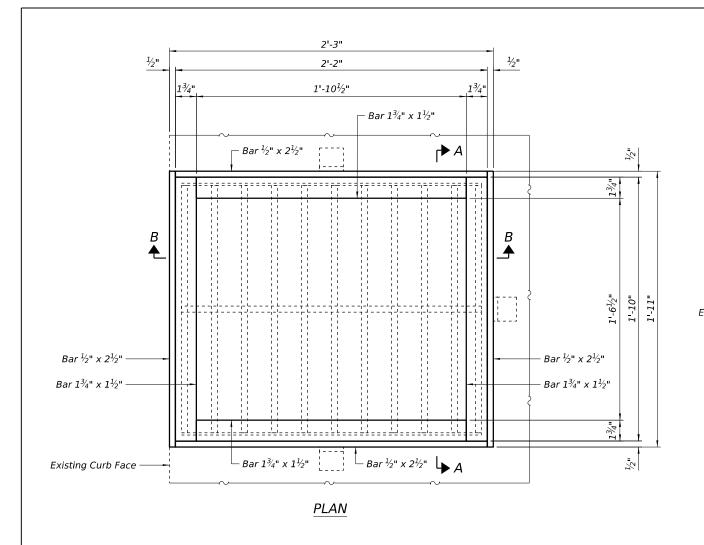
NCHRP 350 Test Level	3
Railing Weight (plf)	440

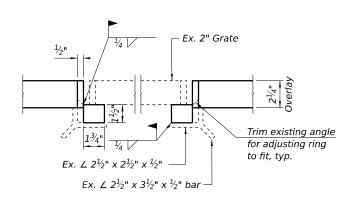
R-27

5-15-2023

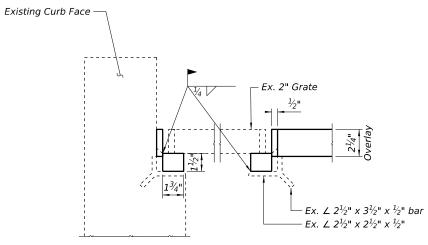
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TEMPORARY CONCRETE BARRIER STRUCTURE NO. 029-0057		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		D4 Bridge Deck Overlay 2025	FULTON	63	43
		CONTRACT NO. 68J1			
CHEET 3 OF 4 CHEETS		BURNOIS EED	ALD DDO JECT		

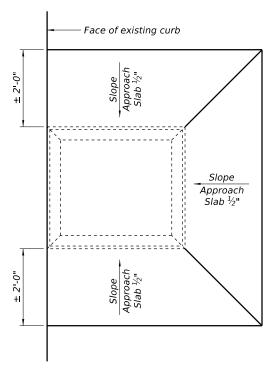




#### SECTION A-A



SECTION B-B



SLOPING PLAN

All structural steel shall be AASHTO M270 Grade 36. The adjusting inlet ring shall be galvanized.

All dimensions shall be field measured, verified, and adjusted as appropriate prior to shop drawings preparation. Contractor shall mark red line as-built plans.

Shop drawings for proposed Steel & Frame Extension shall be submitted for approval prior to fabrication.

Contractor shall ensure that no damage is done to existing grates to be reused.

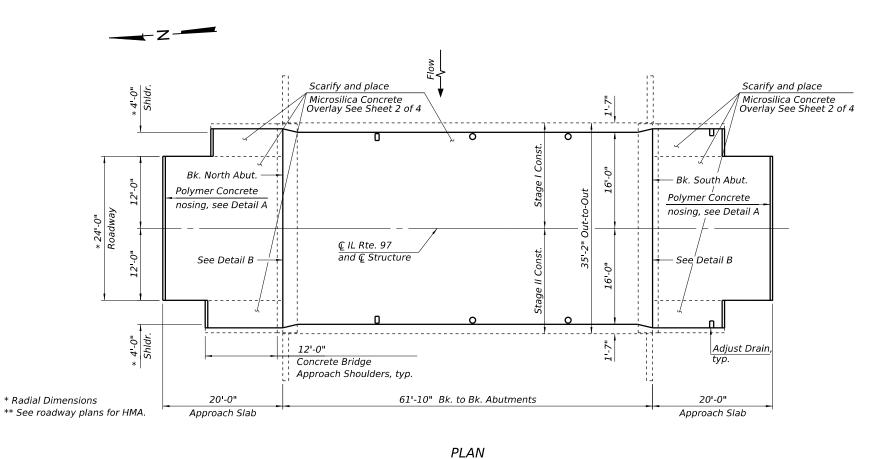
Cost of all labor and materials necessary to remove existing grates, install Steel & Frame Extensions and reinstall grates is included in the cost per unit each for Inlets to be Adjusted. Refer to Bridge Approach Pavement Drain Standard 2324

for existing details. Contractor to provide new grates if existing are missing. Cost of new grates included with Inlets to be Adjusted.

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	PLOT SCALE =	DRAWN -	SR/SLF	REVISED	-
	PLOT DATE =	CHECKED -	NHP	REVISED	-

#### ELEVATION



 $\frac{1}{4}$ " x  $\frac{3}{4}$ " Formed joint

Existing Approach Pavement Existing Abutment

DETAIL B

with bridge joint sealer.

Full width. According to Section

588 of the Standard Specifications.

#### TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Bridge Deck Grooving	Sq. Yd.	329
Protective Coat	Sq. Yd.	348
Inlets to be Adjusted	Each	2
Surface Filler (Special)	Gallon	1
Protective Coat (Special)	Sq. Yd.	90
Bridge Deck Scarification <sup>3</sup> / <sub>4</sub> "	Sq. Yd.	348
Bridge Deck Microsilica Concrete Overlay 21/4"	Sq. Yd.	348
Polymer Concrete	Cu. Ft.	2.3

	_	
ITEM	UNIT	TOTAL
Bridge Deck Grooving	Sq. Yd.	329
Protective Coat	Sq. Yd.	348
Inlets to be Adjusted	Each	2
Surface Filler (Special)	Gallon	1
Protective Coat (Special)	Sq. Yd.	90
Bridge Deck Scarification <sup>3</sup> / <sub>4</sub> "	Sq. Yd.	348
Bridge Deck Microsilica Concrete Overlay $2\frac{1}{4}$ "	Sq. Yd.	348
Polymer Concrete	Cu. Ft.	2.3

#### **GENERAL NOTES**

Plan dimensions and details relative to the existing structure have been taken from existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Protective Coat shall be applied to areas of new concrete.

Protective Coat (Special) shall be applied to the inside face, top face and outside face of parapets. Surface Filler (Special) shall be applied according to Special Provisions.

#### **INDEX OF SHEETS**

- 1. General Plan and Elevation
- 2. Bridge Cross Section and Stage Construction Details
- 3. Temporary Concrete Barrier
- 4. Approach Shoulder Inlet Adjustment Details

#### SCOPE OF WORK

- 1. Scarify and overlay Bridge Deck, Approach Slabs, concrete approach shoulders
- 2. Adjust Approach Slab Drains



2025.05.19 11/30/2026

GENERAL PLAN & ELEVATION ILLINOIS ROUTE 97 OVER TURKEY CREEK F.A.P. RTE. 626 SEC. D4 BRIDGE DECK OVERLAY 2025

**FULTON COUNTY** STATION 77+70.00 **STRUCTURE NO. 029-0061** 



3/4" Scarification

2<sup>1</sup>⁄<sub>4</sub>" Microsilica

Concrete Overlay

Existing Approach Pavement

DETAIL A

Note: South Approach Pavement shown, North similar.

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Bridge Deck Scarification 3/4"

Microsilica Concrete Overlay 2<sup>1</sup>/<sub>4</sub>"

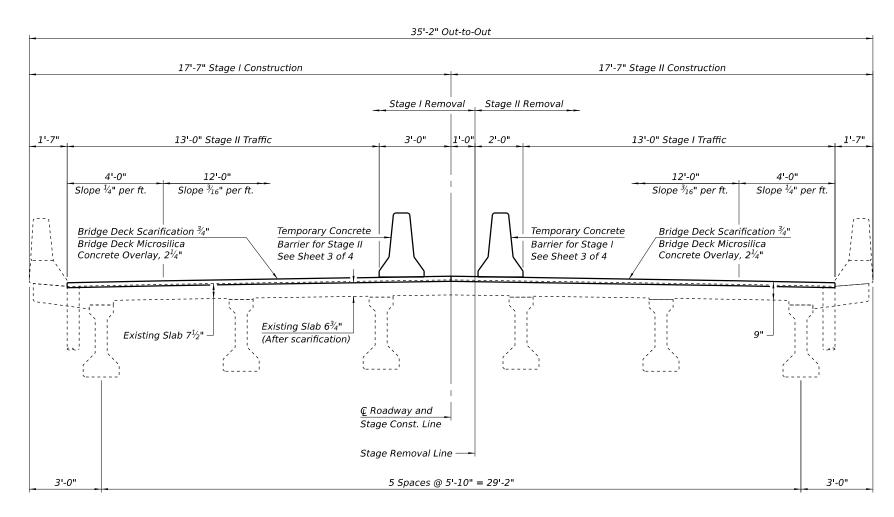
\*\*Approach Roadway

 $3\frac{1}{2}$ " Polymer Concrete

Asphalt

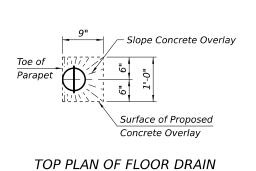
Construction joint below

					F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
					626	D4 Bridge Deck Overlay	2025	FULTON	63	45
								CONTRAC	T NO. 68	3J14
SHEET	1	OF	4	SHEETS		ILLINOIS	FED	AID PROJECT		



# STAGE CONSTRUCTION DETAIL Looking South

\* Minimum thickness of overlay at edge of drain = 1"



Apply protective coat

(Special) to all surfaces of existing parapets. Apply surface filler special per special provisions

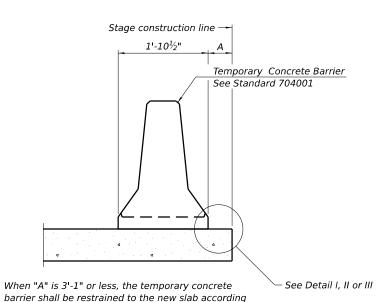
#### PARAPET DETAIL

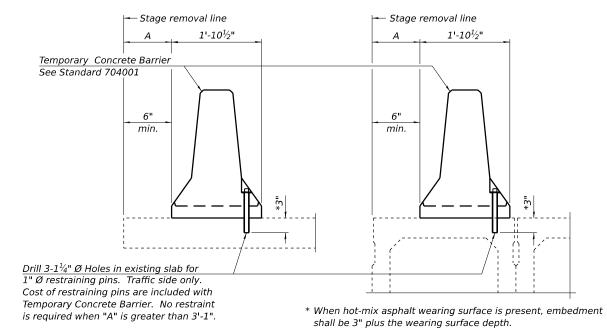
Protective Coat (Special) to cover from Point A through Points B, C and D of the existing Parapets.

## FLOOR DRAIN PRESERVATION

_	USER NAME =	DESIGNED	-	SR	REVISED -
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	PLOT SCALE =	DRAWN	-	SR/SLF	REVISED -
	PLOT DATE =	CHECKED	-	NHP	REVISED -

CROSS SECTION AND STAGE CONSTRUCTION DETAILS	F.A.P. SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
STRUCTURE NO. 029-0061	626	D4 Bridge Deck Overlay 2025	FULTON	63	46
311(00101(E 1(0), 023 0001			CONTRAC	T NO. 68	3J14
SHEET 2 OF 4 SHEETS	ILLINOIS FED. AID PROJECT				





1x8 UNC  $\frac{7}{16}$ " Ø hole US Std.  $1\frac{1}{16}$ " I.D.  $\times 2\frac{1}{2}$ " O.D. x approx. 8 gauge thick washer 1" Ø pin RESTRAINING PIN

BAR SPLICER FOR #4 BAR - DETAIL III

stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam. When the 'A' dimension is less than  $1\frac{1}{2}$ ", the wood block shall be omitted

Detail I - Installation for a new bridge deck or bridge slab.

and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate

Detail II - Installation for a new deck beam with an initial concrete wearing

Detail III - Installation for a new deck beam with no initial wearing surface or

of the bar splicers is included with the deck beam.

surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface

reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete

with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated

with bar splicer inserts in the side of the beam, as detailed, to accommodate

the installation of the retainer assemblies. A pair of bar splicers, 6" apart,

shall be placed at 6'-0" centers along the length of the beam. The cost

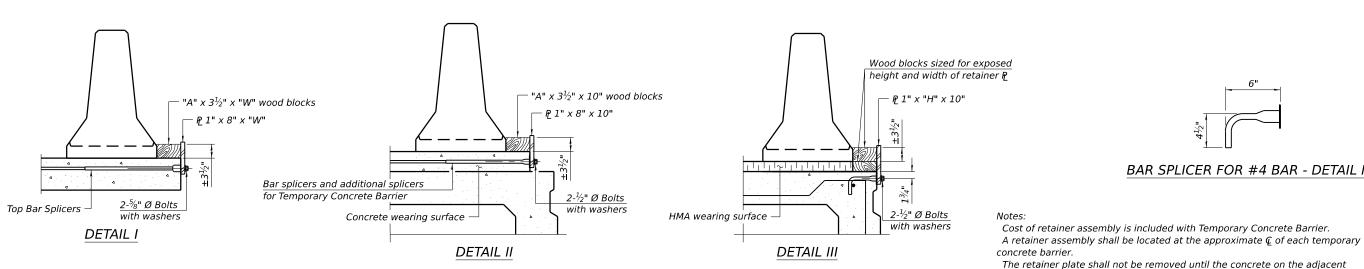
#### NEW SLAB OR NEW DECK BEAM

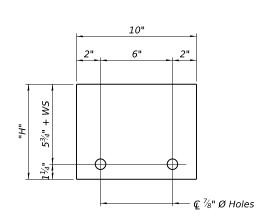
to Detail I, II or III. No restraint is required

when "A" is greater than 3'-1".

EXISTING SLAB

## SECTIONS THRU SLAB OR DECK BEAM





EXISTING DECK BEAM

## STEEL RETAINER P 1" x "H" x 10" (Detail III)

les
,

STEEL RETAINER P 1" x 8" x "W"

(Detail I and II)

#### RAILING CRITERIA

NCHRP 350 Test Level	3
Railing Weight (plf)	440

R-27

5-15-2023

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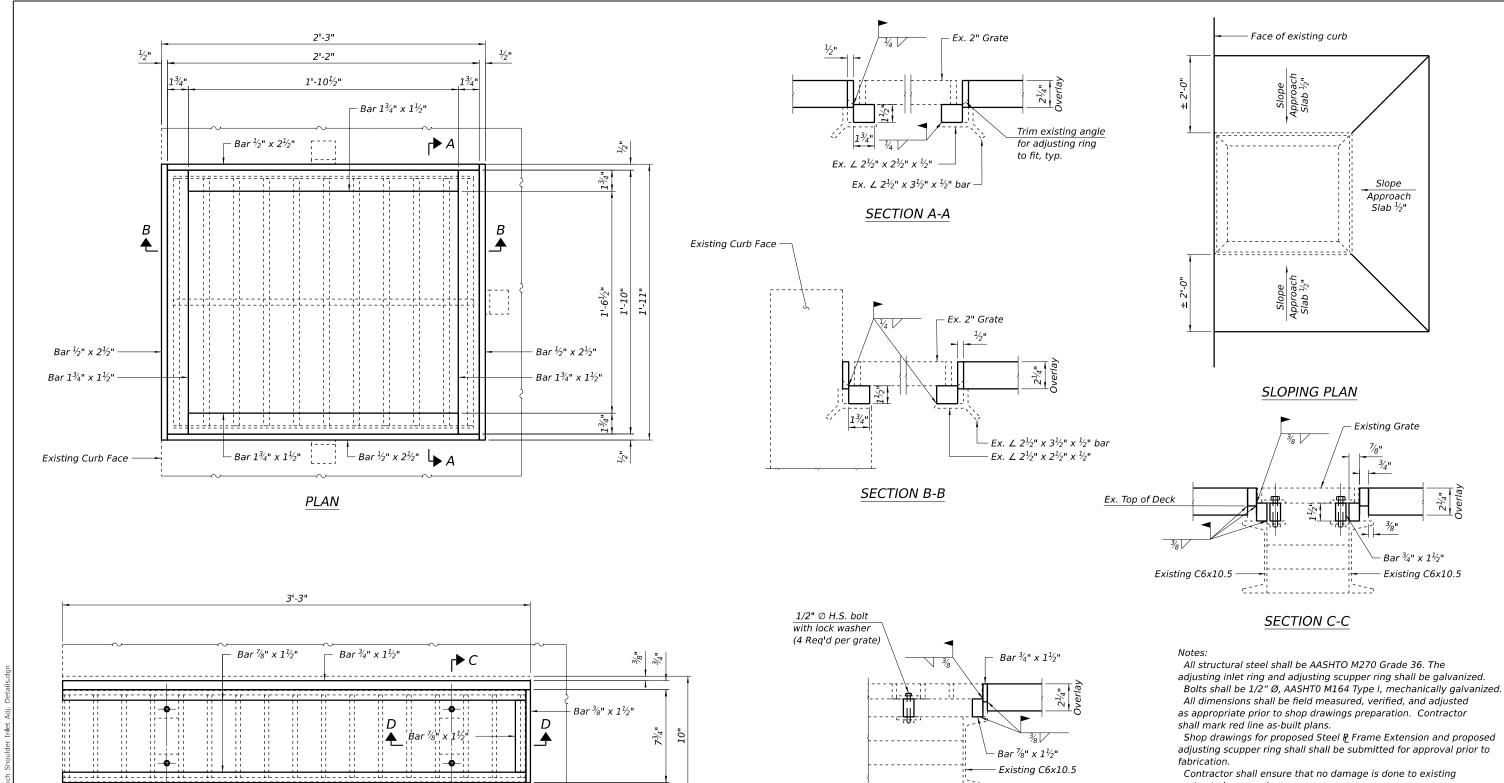
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

#### TEMPORARY CONCRETE BARRIER **STRUCTURE NO. 029-0061** SHEET 3 OF 4 SHEETS

the shear key clamping device.

wearing surface.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
626	D4 Bridge Deck Overlay	FULTON	63	47	
		CONTRAC	T NO. 68	3J14	
	ILLINOIS	FED.	AID PROJECT		



Shop drawings for proposed Steel & Frame Extension and proposed adjusting scupper ring shall shall be submitted for approval prior to

grates to be reused.

Cost of all labor and materials necessary to remove existing grates, install Steel & Frame Extensions and reinstall grates is included in the cost per unit each for Inlets to be Adjusted.

Cost of all labor and materials necessary to remove existing grates, clean existing scuppers, Inlet all adjusting scupper rings and reinstall grates is included in the cost per unit each for Drainage Scuppers to be Adjusted.

Refer to Bridge Approach Pavement Drain Standard 2324 for existing details.

Contractor to provide new grates if existing are missing. Cost of new grates included with Inlets to be Adjusted.

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Bar  $\frac{3}{4}$ " x  $1\frac{1}{2}$ "

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	PLOT SCALE =	DRAWN -	SR/SLF	REVISED -	
	PLOT DATE =	CHECKED -	NHP	REVISED -	
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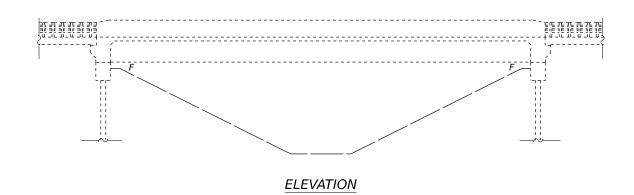
Bar ¾" x 1½"

PLAN

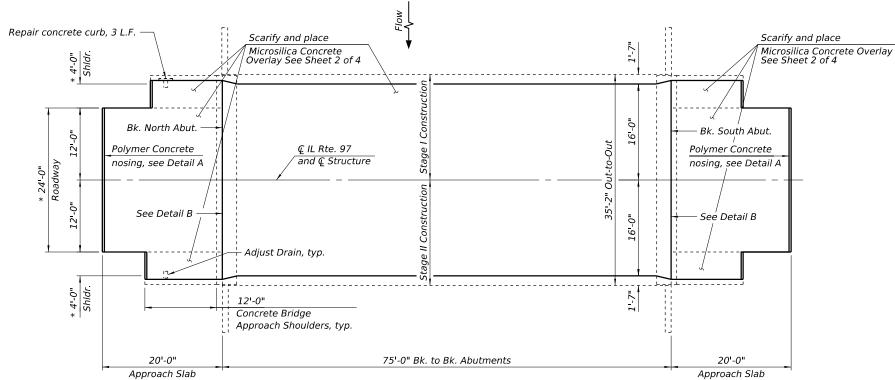
**4** C

SECTION D-D

APPROACH SHOULDER INLET ADJUSTMENT DETAILS	F.A.P. RTE	SECTION	(
STRUCTURE NO. 029-0061	626	D4 Bridge Deck Overlay 2025	
311001011c 110, 023 0001			(
OUEET 4 OF 4 OUEETO		0.0.0.	4.15



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\* Radial Dimensions \*\* See roadway plans for HMA.

PLAN

DETAIL B

#### \* \* Approach Roadway $\frac{1}{4}$ " x $\frac{3}{4}$ " Formed joint $3\frac{1}{2}$ " Polymer Concrete with bridge joint sealer. 2<sup>1</sup>/<sub>4</sub>" Microsilica Bridge Deck Scarification 3/4" Full width. According to Section Microsilica Concrete Overlay 21/4" Concrete Overlay 588 of the Standard Specifications. Asphalt Existing Approach Pavement Existing Approach | Existing Abutment 3/4" Scarification Construction joint below

## TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Bridge Deck Grooving	Sq. Yd.	373
Protective Coat	Sq. Yd.	395
Inlets to be Adjusted	Each	2
Surface Filler (Special)	Gallon	1
Protective Coat (Special)	Sq. Yd.	109
Bridge Deck Scarification 3/4"	Sq. Yd.	395
Bridge Deck Microsilica Concrete Overlay 21/4"	Sq. Yd.	395
Polymer Concrete	Cu. Ft.	2.3

SHEET 1 OF 4 SHEETS

#### GENERAL NOTES

Plan dimensions and details relative to the existing structure have been taken from existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Protective Coat shall be applied to areas of new concrete.

Protective Coat (Special) shall be applied to the inside face, top face and outside face of parapets. Surface Filler (Special) shall be applied according to Special Provisions. Repair of concrete curb will not be paid for separately and shall be included with the cost of Microsilica Concrete Overlay.

#### **INDEX OF SHEETS**

- 1. General Plan and Elevation
- 2. Bridge Cross Section and Stage Construction Details
- 3. Temporary Concrete Barrier
- 4. Approach Shoulder Inlet Adjustment Details

#### SCOPE OF WORK

- 1. Scarify and overlay Bridge Deck, Approach Slabs, concrete approach shoulders
- 2. Adjust Approach Slab Drains



Jon Dener Expires

2025.05.19 11/30/2026

GENERAL PLAN & ELEVATION

ILLINOIS ROUTE 97 OVER LOST GROVE CREEK

F.A.P. RTE. 626

SEC. D4 BRIDGE DECK OVERLAY 2025

FULTON COUNTY

STATION 197+34.00

STRUCTURE NO. 029-0062

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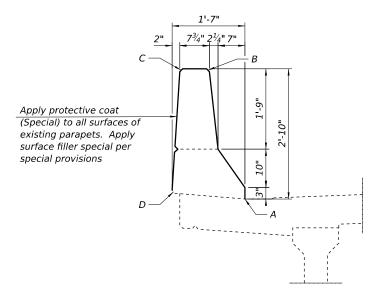
DETAIL A

Note: South Approach Pavement shown, North similar.

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	PLOT SCALE =	DRAWN	-	SR/SLF	REVISED	-
	PLOT DATE =	CHECKED	-	NHP	REVISED	-

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

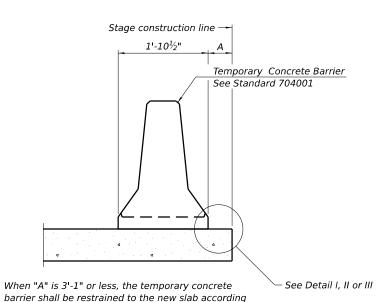
# STAGE CONSTRUCTION DETAIL Looking South

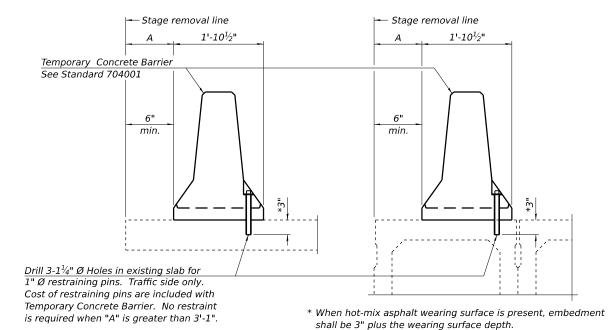


#### PARAPET DETAIL

Protective Coat (Special) to cover from Point A through Points B, C and D of the existing Parapets.

USER NAME =	DESIGNED	-	SR	REVISED -	
	CHECKED	-	NHP	REVISED -	
PLOT SCALE =	DRAWN	-	SR/SLF	REVISED -	
PLOT DATE =	CHECKED	-	NHP	REVISED -	





1x8 UNC  $\frac{7}{16}$ " Ø hole US Std.  $1\frac{1}{16}$ " I.D.  $\times 2\frac{1}{2}$ " O.D. x approx. 8 gauge thick washer 1" Ø pin RESTRAINING PIN

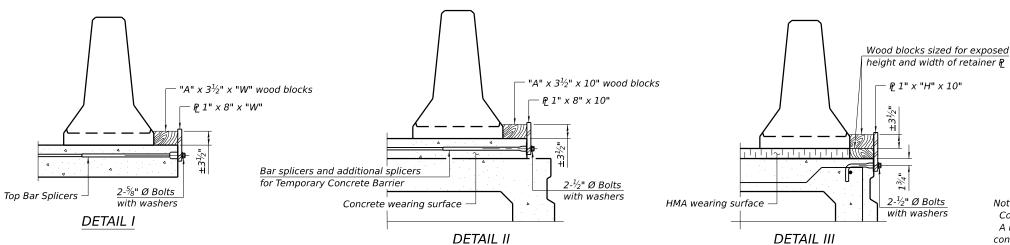
#### NEW SLAB OR NEW DECK BEAM

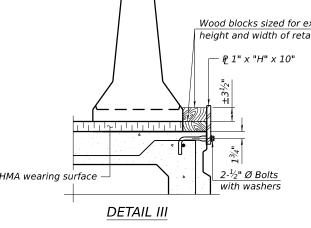
to Detail I, II or III. No restraint is required

when "A" is greater than 3'-1".

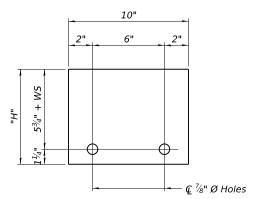
EXISTING SLAB

## SECTIONS THRU SLAB OR DECK BEAM





EXISTING DECK BEAM



## STEEL RETAINER P 1" x "H" x 10" (Detail III)

			"W"	_	Detail I
			10"		Detail II
		2"	Top bars Spa.	2"	Detail I
			6"		Detail II
7					
_	63/4"				
8	9				
				_	
J	11/4"				
			-	- (	$ \mathfrak{L}^{\%}$ " Ø Holes

STEEL RETAINER P 1" x 8" x "W"

(Detail I and II)

#### RAILING CRITERIA

NCHRP 350 Test Level	3
Railing Weight (plf)	440

5-15-2023

R-27

_	USER NAME =	DESIGNED	-	SR	REVISED -
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	PLOT SCALE =	DRAWN	-	SR/SLF	REVISED -
	PLOT DATE =	CHECKED	-	NHP	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

TEMPORARY CONCRETE BARRIER									
S	STRUCTURE NO. 029-0062								
_	0111001011L110: 025 0002								
	SHEET	3	OF	4	SHEETS				

F.A.P. RTE.	SEC <sup>-</sup>	TION		COUNTY	TOTAL SHEETS	SHEET NO.
626	D4 Bridge Decl	c Overlay	2025	FULTON	63	51
			CONTRAC	T NO. 68	3J14	
		ILLINOIS	FED.	AID PROJECT		

#### Notes:

Cost of retainer assembly is included with Temporary Concrete Barrier. A retainer assembly shall be located at the approximate Q of each temporary concrete barrier.

The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.

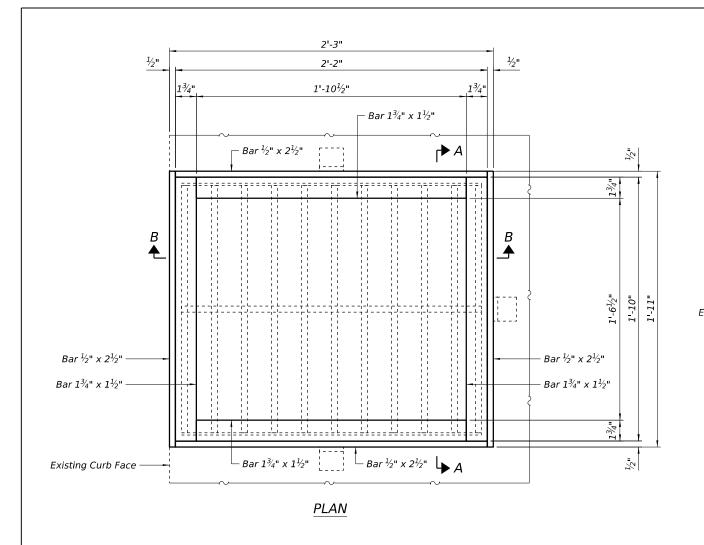
When the 'A' dimension is less than  $1\frac{1}{2}$ ", the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

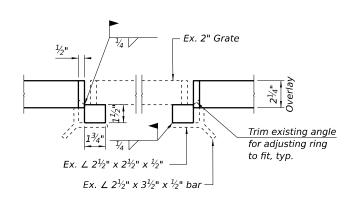
BAR SPLICER FOR #4 BAR - DETAIL III

Detail I - Installation for a new bridge deck or bridge slab.

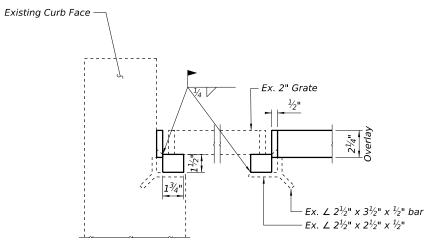
Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.

Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

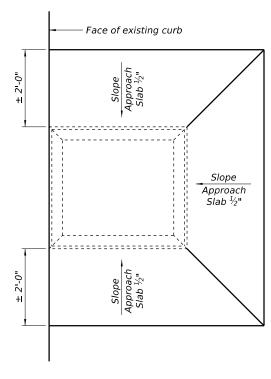




#### SECTION A-A



SECTION B-B



SLOPING PLAN

#### Notes

All structural steel shall be AASHTO M270 Grade 36. The adjusting inlet ring shall be galvanized.

All dimensions shall be field measured, verified, and adjusted as appropriate prior to shop drawings preparation. Contractor shall mark red line as-built plans.

Shop drawings for proposed Steel  $\cite{P}$  Frame Extension shall be submitted for approval prior to fabrication.

Contractor shall ensure that no damage is done to existing grates to be reused.

Cost of all labor and materials necessary to remove existing grates, install Steel P Frame Extensions and reinstall grates is included in the cost per unit each for Inlets to be Adjusted. Refer to Bridge Approach Pavement Drain Standard 2324

for existing details.

Contractor to provide new grates if existing are missing.

Cost of new grates included with Inlets to be Adjusted.

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F.A.P. RTE.	SECT	TION		COUNTY	TOTAL SHEETS	SHEET NO.	
626	D4 Bridge Deck	Overlay	2025	FULTON	63	52	
			CONTRAC	T NO. 6	8J14		
ILLINOIS FED. AID PROJECT							

90062-68J14-004\_Approach Shoulder Inlet Adj. Details.dgn

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# **ELEVATION**

## **GENERAL NOTES**

Plan dimensions and details relative to the existing structure have been taken from existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Protective Coat shall be applied to areas of new concrete.

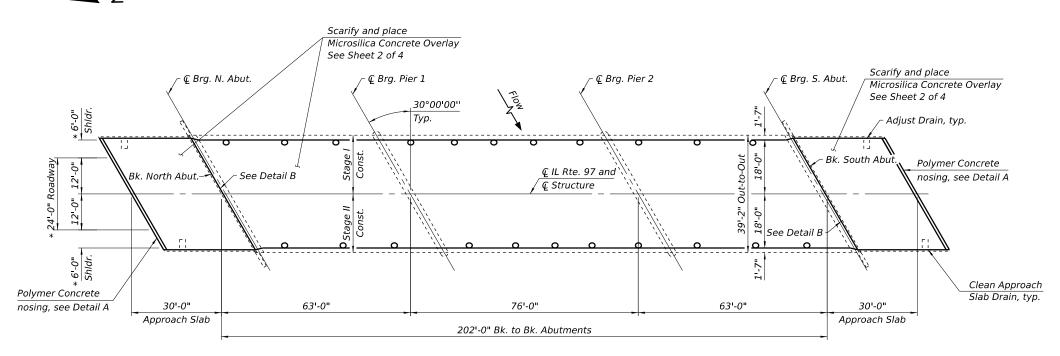
Protective Coat (Special) shall be applied to the inside face, top face and outside face of parapets. Surface Filler (Special) shall be applied according to Special Provisions.

#### **INDEX OF SHEETS**

- 1. General Plan and Elevation
- 2. Bridge Cross Section and Stage Construction Details
- 3. Temporary Concrete Barrier
- 4. Approach Shoulder Inlet Adjustment Details

#### SCOPE OF WORK

- 1. Scarify and overlay Bridge Deck and Approach Slabs
- 2. Adjust Approach Slab Drains



\* Radial Dimensions \*\* See roadway plans for HMA.

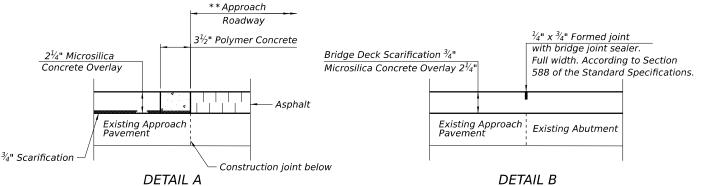
**PLAN** 

2025.05.19

11/30/2026

GENERAL PLAN & ELEVATION ILLINOIS ROUTE 97 OVER PUT CREEK F.A.P. RTE. 622 SEC. D4 BRIDGE DECK OVERLAY 2025 **FULTON COUNTY** 

STATION 495+89.00 STRUCTURE NO. 029-0065



USER NAME = DESIGNED - SR REVISED -HORNER CHECKED - NHP REVISED -DRAWN SR/SLF REVISED PLOT DATE = CHECKED - NHP REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

TOTAL BILL OF MATERIAL

UNIT TOTAL

Sq. Yd. 990

Sq. Yd. 1,051

Sa. Yd. 1.048

Sq. Yd. 1,048

Cu. Ft. 3.2

4

4

293

SHEET 1 OF 4 SHEETS

Each

Gallon

Each

Sq. Yd.

ITFM

Bridge Deck Microsilica Concrete Overlay 21/41

Bridge Deck Grooving

Inlets to be Adjusted

Surface Filler (Special)

Clean Approach Slab Drain

Bridge Deck Scarification 3/4"

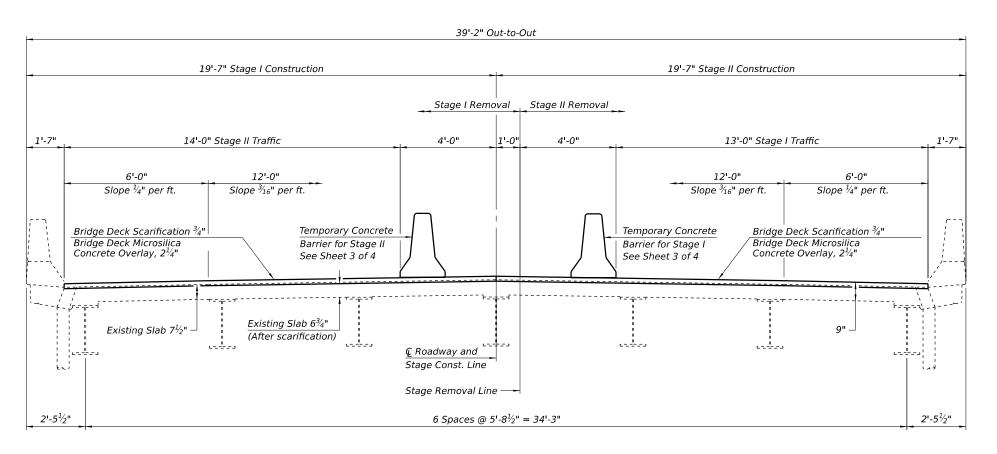
Protective Coat (Special)

Protective Coat

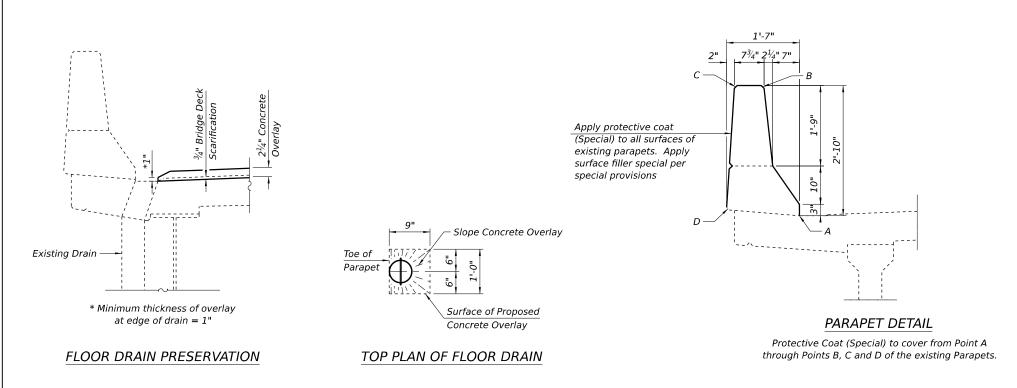
Polymer Concrete

SECTION COUNTY FULTON 63 53 622 D4 Bridge Deck Overlay 2025 CONTRACT NO. 68J14

Note: South Approach Pavement shown, North similar.



# STAGE CONSTRUCTION DETAIL Looking South



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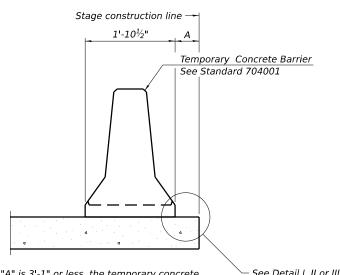
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

			_
OSS SECTION AND STAGE CONSTRUCTION DETAILS STRUCTURE NO. 029-0065    F.A.P.   SECTION	SECTION		
STRUCTURE NO 029-0065	622	D4 Bridge Deck Overlay 2025	Ī
311(00101)L 110; 023 0003			Ī
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COUNTY

FULTON 63 54

CONTRACT NO. 68J14



See Detail I, II or III When "A" is 3'-1" or less, the temporary concrete barrier shall be restrained to the new slab according to Detail I, II or III. No restraint is required when "A" is greater than 3'-1".

#### NEW SLAB OR NEW DECK BEAM

– Stage removal line Stage removal line 1'-10½" 1'-10½" Temporary Concrete Barrier See Standard 704001 min. min. Drill  $3-1\frac{1}{4}$ " Ø Holes in existing slab for 1" Ø restraining pins. Traffic side only. Cost of restraining pins are included with Temporary Concrete Barrier. No restraint

shall be 3" plus the wearing surface depth.

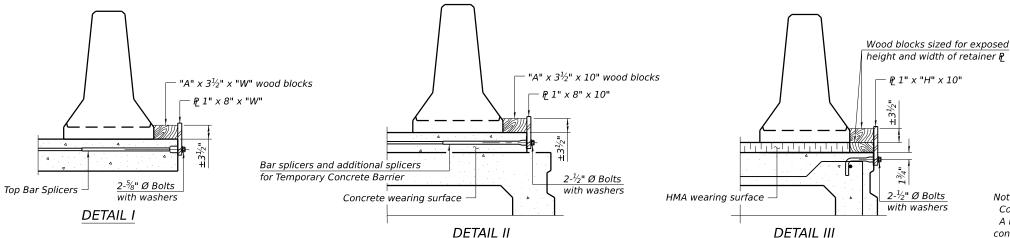
#### EXISTING DECK BEAM

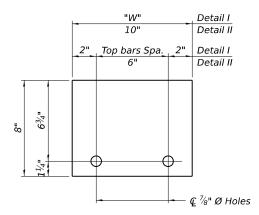
\* When hot-mix asphalt wearing surface is present, embedment

EXISTING SLAB

#### SECTIONS THRU SLAB OR DECK BEAM

is required when "A" is greater than 3'-1".





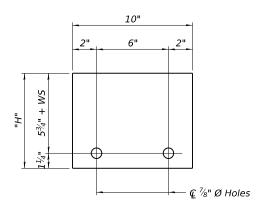
STEEL RETAINER P 1" x 8" x "W"

(Detail I and II)

#### RAILING CRITERIA

NCHRP 350 Test Level	3
Railing Weight (plf)	440

R-27 5-15-2023



STEEL RETAINER P 1" x "H" x 10" (Detail III)

RESTRAINING PIN

#### BAR SPLICER FOR #4 BAR - DETAIL III

#### Notes:

Cost of retainer assembly is included with Temporary Concrete Barrier. A retainer assembly shall be located at the approximate **Q** of each temporary concrete barrier.

1x8 UNC

1" Ø pin

US Std.  $1\frac{1}{16}$ " I.D.  $\times 2\frac{1}{2}$ " O.D. x approx. 8 gauge thick washer  $\frac{7}{16}$ " Ø hole

The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.

When the 'A' dimension is less than  $1\frac{1}{2}$ ", the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

Detail I - Installation for a new bridge deck or bridge slab.

Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.

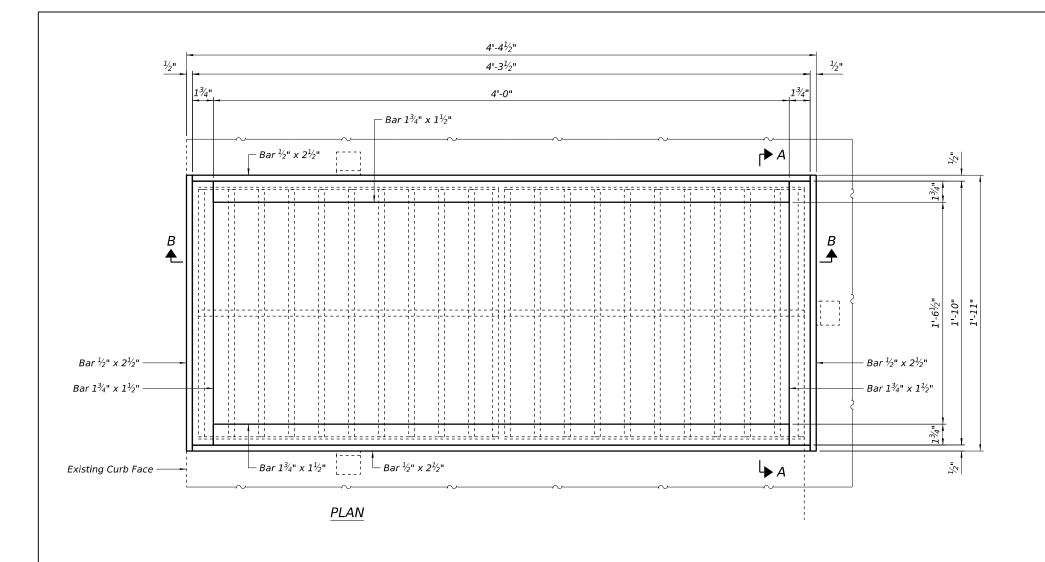
Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

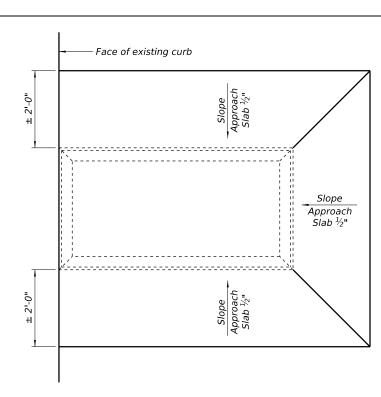
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	PLOT SCALE =	DRAWN	-	SR/SLF	REVISED	-
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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

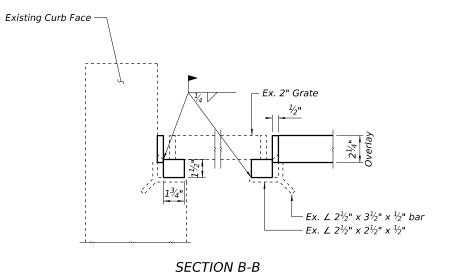
TEMPORARY CONCRETE BARRIER							
STRUCTURE NO. 029-0065							
CHEET	2	OF	4	CHEETC			

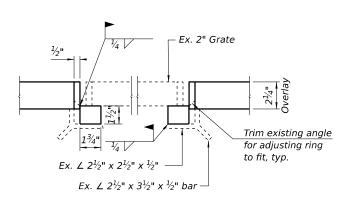
SECTION COUNTY FULTON 63 55 622 D4 Bridge Deck Overlay 2025 CONTRACT NO. 68J14





SLOPING PLAN





SECTION A-A

Notes

All structural steel shall be AASHTO M270 Grade 36. The adjusting inlet ring shall be galvanized.

All dimensions shall be field measured, verified, and adjusted as appropriate prior to shop drawings preparation. Contractor shall mark red line as-built plans.

Shop drawings for proposed Steel  $\P$  Frame Extension shall be submitted for approval prior to fabrication.

Contractor shall ensure that no damage is done to existing grates to be reused.

Cost of all labor and materials necessary to remove existing grates, install Steel P Frame Extensions and reinstall grates is included in the cost per unit each for Inlets to be Adjusted. Refer to Bridge Approach Pavement Drain Standard 2324

for existing details.

Contractor to provide new grates if existing are missing.

Cost of new grates included with Inlets to be Adjusted.

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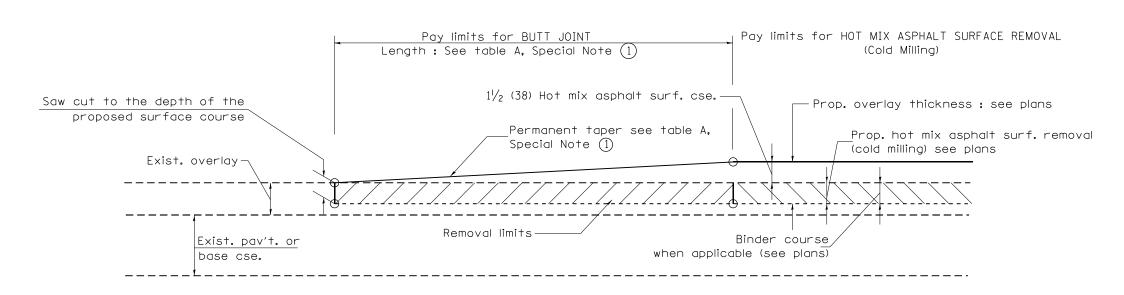
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

					DJUSTMENT DETAILS 29-0065	
S	HEET	4	OF	4	SHEETS	

F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEE'
622	D4 Bridge Deck Overlay	2025	FULTON	63	56
			CONTRAC	TNO. 6	8J14
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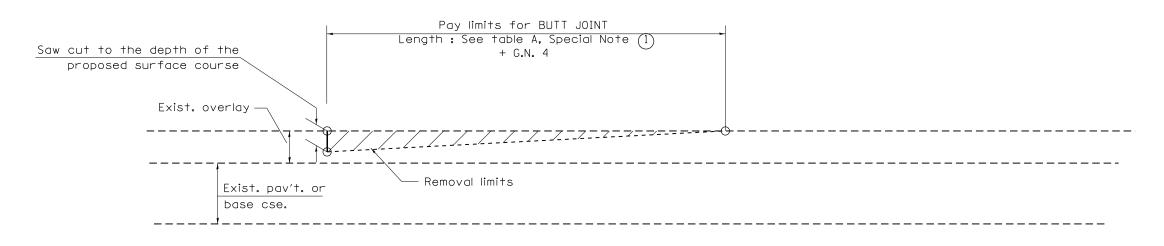
#### CASE 1: WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

#### TABLE A TAPER RATES

SPECIAL NOTE	ELEMENT	MAINLINE INTERSTATES &	ALL
NUMBER		4-LANE EXPRESSWAYS	OTHERS
	BUTT JOINT	1:480	1:240
	TAPER RATE		
2	TEMPORARY RAMP	1:80	1:40
	TAPER RATE		

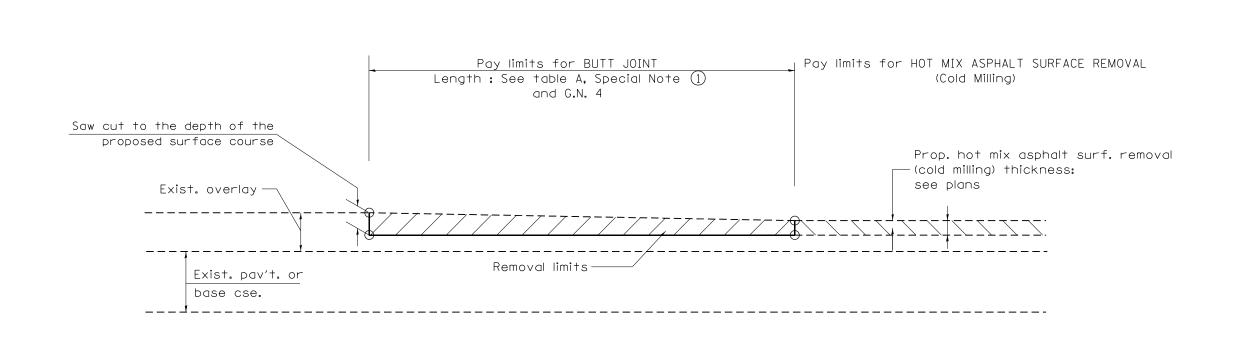
#### GENERAL NOTES

- 1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
- 2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
- 3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.
- 4. The length of butt joint is based on the taper rate times change in cold milling depth within the butt joint pay limits, unless otherwise indicated.
- 5. Temporary ramps are paid for separately and not included in the cost of the butt joints.

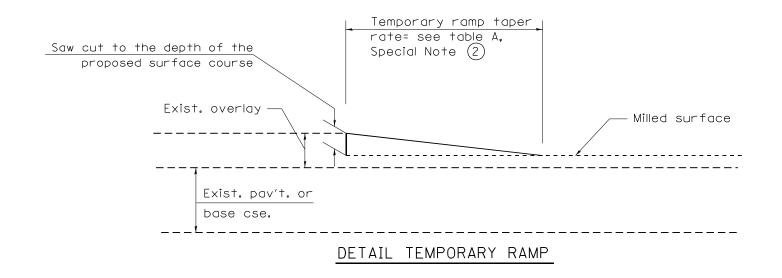


## CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

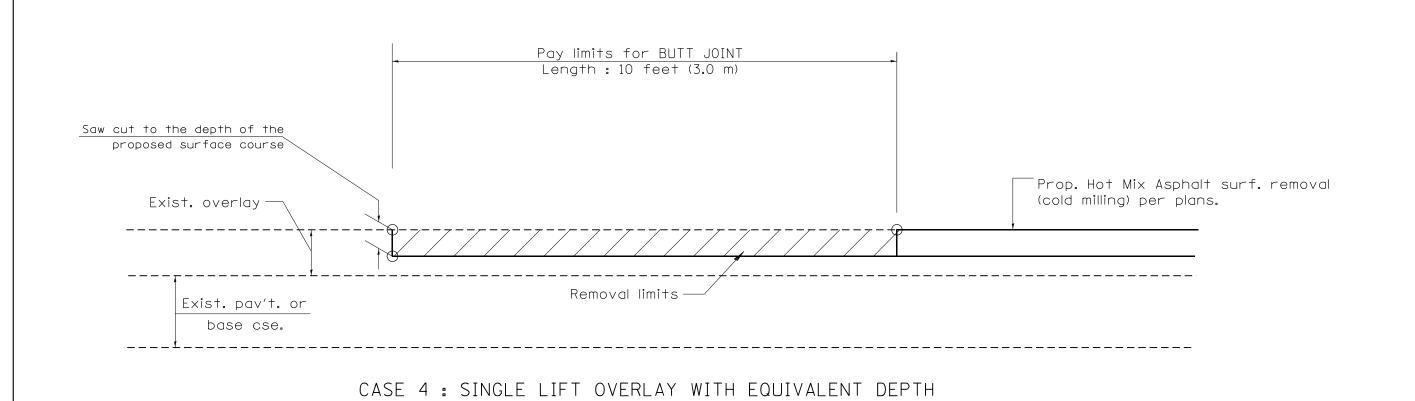
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04-0	01-97	CORRECTION TO DEPTH	J.A.	04-12-16 MINOR CORRECTIONS	R.D.	STATE OF ILLINOIS		BUTT JOINTS	<u> </u>			5	63 57
09-1	5-05	REVISED DESIGNER NOTE	M.M.A.	02-14-17 ADDED NOTE 5	R.D.	DEPARTMENT OF TRANSPORTATION			SHT. 1 OF 3			CONTRACT NO	10.
10-1	6-06	REVISED TO 2007 SPEC.	M.A.	07-16-19 Wording and Spelling corrections	R.D.		NOT TO SCALE		CADD STD. 406101-D4 FE	ED. ROAD DIS	ST. NO. ILLINOIS FED. AI		



# CASE 3: HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING) TIE-IN TO EXISTING BITUMINOUS TAPER



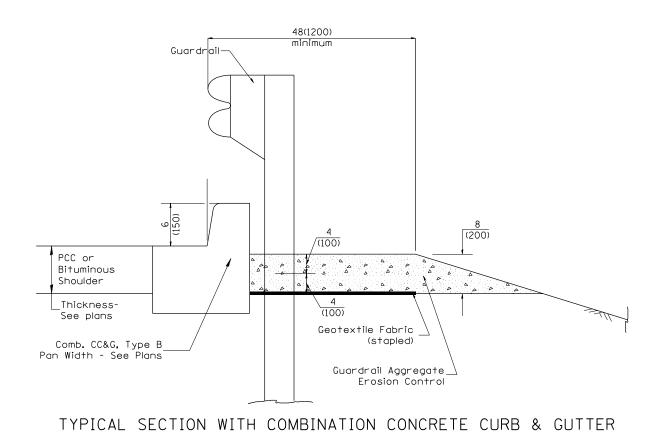
	$\prod$						F.A. S	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
	┨┝		STATE OF ILLINOIS		BUTT JOINTS					63 58
	<b>↓</b> ∟		DEPARTMENT OF TRANSPORTATION			SHT. 2 OF 3			CONTRACT	NO.
				NOT TO SCALE		CADD STD. 406101-D4	FED. ROAD DIST. NO.	. ILLINOIS FED. A	D PROJECT	



TIE-IN TO EXISTING BITUMINOUS TAPER

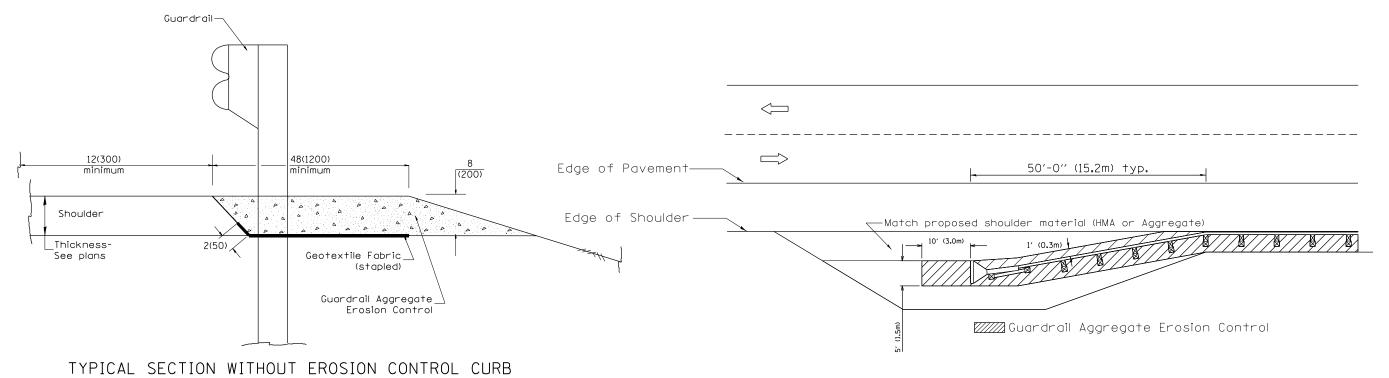
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

		STATE OF ILLINOIS  DEPARTMENT OF TRANSPORTATION  NOT TO SCA	NOT TO SCALE		SHT. 3 OF 3 CADD STD. 406101-D4	FED. ROA	AD DIST. NO.   ILLINOIS FED. A	CONTRACT	T NO.		
					BUTT JOINTS					63	59
<u> </u>							F.A. RTE.	SECTION	COUNTY	SHEETS	SHEET NO.

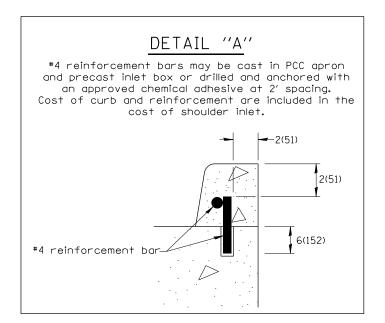


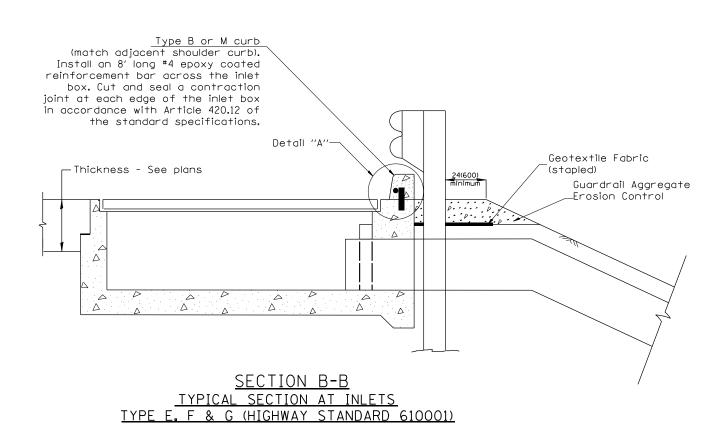
#### GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL

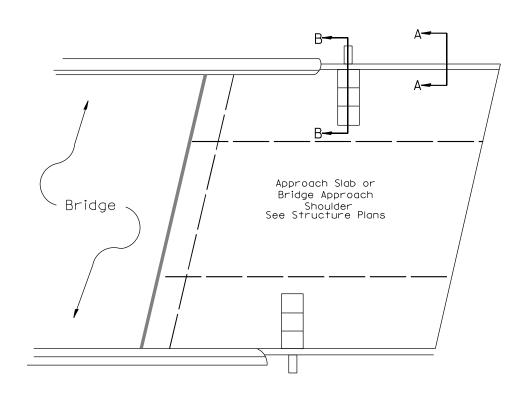
- 1. This work shall consist of grading as needed, furnishing and installing geotextile fabric and staples, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.
- 2. Before placing the aggregate and the Geotextile Fabric, weeds and grass shall be removed from the area to be covered.
- 3. After the area has been prepared, and in a dry condition, the Geotextile fabric shall be placed with a 12(300) minimum overlap. A knife cut for guardrail post installation is necessary.
- 4. The aggregate shall be deposited, compacted and shaped by either mechanical or hand methods, in a manner reasonably true to line and grade.
- 5. The Contractor shall have the option of placing the guardrail before or after the Geotextile Fabric and Aggregate are in place. If the guardrail is placed after the Geotextile Fabric and Aggregate, then any voids must be filled and the aggregate returned to line and grade.
- 6. Materials shall meet the following requirements:
- A. The crushed aggregate shall be CA1 gradation in accordance with Article 1004.01(c) of the Standard Specifications.
- B. The Geotextile Fabric shall be nonwoven fabric in accordance with Article 1080.02 of the Standard Specifications.



03-07-11 ADDED DETAIL SHOWING PLAN VIEW R.D.	5-30-18 CHANGE B CURB TO CC&G R.D.			F.A. SECTION	COUNTY	SHEETS	SHEET
08-10-12 REVISED CURB "B" AND AGGREGATE R.D.	07-16-19 SPELLING CORRECTIONS R.D.	STATE OF ILLINOIS	GUARDRAIL EROSION CONTROL TREATMENTS	N.C.		63	60
07-15-15 ADDRESSED SHOULDER INLET CURB R.D.		DEPARTMENT OF TRANSPORTATION	SHT. 1 OF 2	<b>'</b>	CONTRACT	NO.	
01-26-17 REVISED R.D.			NOT TO SCALE CADD STD. 630101-D4	FED. ROAD DIST. NO. ILLINOIS FED.	AID PROJECT		

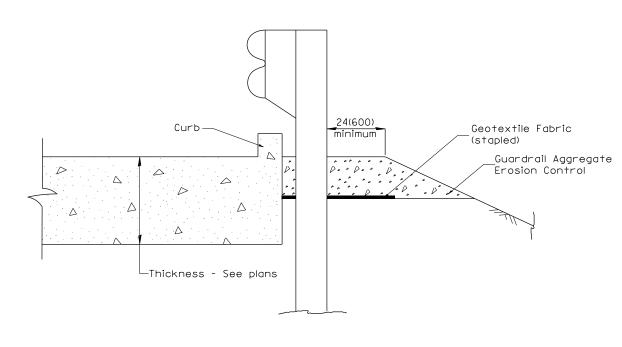






PLAN VIEW

APPROACH SLAB OR SHOULDER PLACEMENT

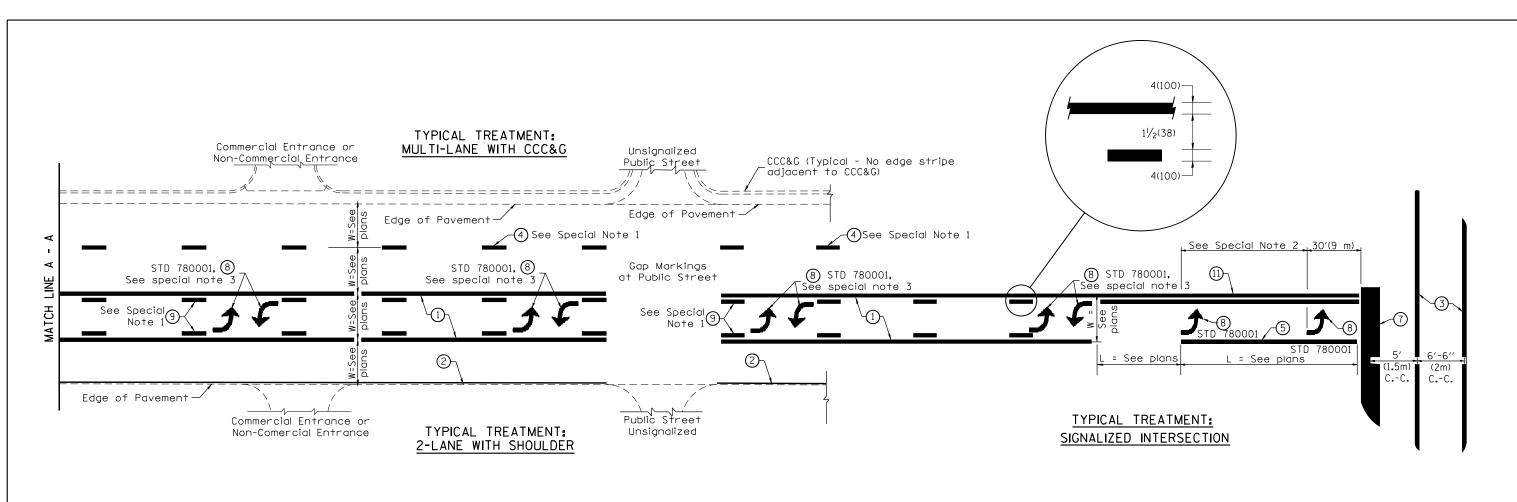


SECTION A-A

TYPICAL SECTION WITH BRIDGE APPROACH CURB

		27.77 05 11.111.010			F.A. RTE.	SECTION COUNTY TOTAL SHE
		STATE OF ILLINOIS	GUARDRAIL EROSION CONTROL TREATMENTS			63 6
		DEPARTMENT OF TRANSPORTATION		SHT. 2 OF 2		CONTRACT NO.
			NOT TO SCALE CADD S	STD. 630101-D4	FED. ROAD DIST. NO	D. ILLINOIS FED. AID PROJECT



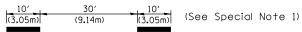


# FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION

#### TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- (1) 4(100) Solid (Yellow)
- (2) 4(100) Solid (White)
- 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
  2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- 4) 6(150) Skip-Dash (White)



(See Special Note 1)

- (5) 8(200) Solid (White)
- (6) 12(300) Diagonal (White) (Item (6) is shown on Std. 780001)
- (7) 24(600) Stop Bar (White)
- (See Std. 780001 and Special Notes 2 & 3)
- 9 4(100) Skip-Dash (Yellow)  $\frac{10'}{(3.05m)}$
- 12(300) Diagonal (Yellow) (See Table A)
  45°

  45°

  11(280) C.-C.

  See Table A

#### SPECIAL NOTES

- Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
- 2. The following shall apply to arrows located in one-way left turn lanes:
  - A. A minimum of two (2) arrows is required.
  - B. The maximum spacing between arrows is 80′ (24 m).
  - C. Arrows shall be evenly spaced if three (3) or more are required.
- 3. The following shall apply to arrow pairs located in two-way left turn lanes:
  - A. A minimum of two (2) arrow pairs is required. B. The maximum spacing between arrow pairs
  - is 200' (61 m).C. Arrow pairs shall be evenly spaced if three (3) or more are required.

NOT TO SCALE

D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

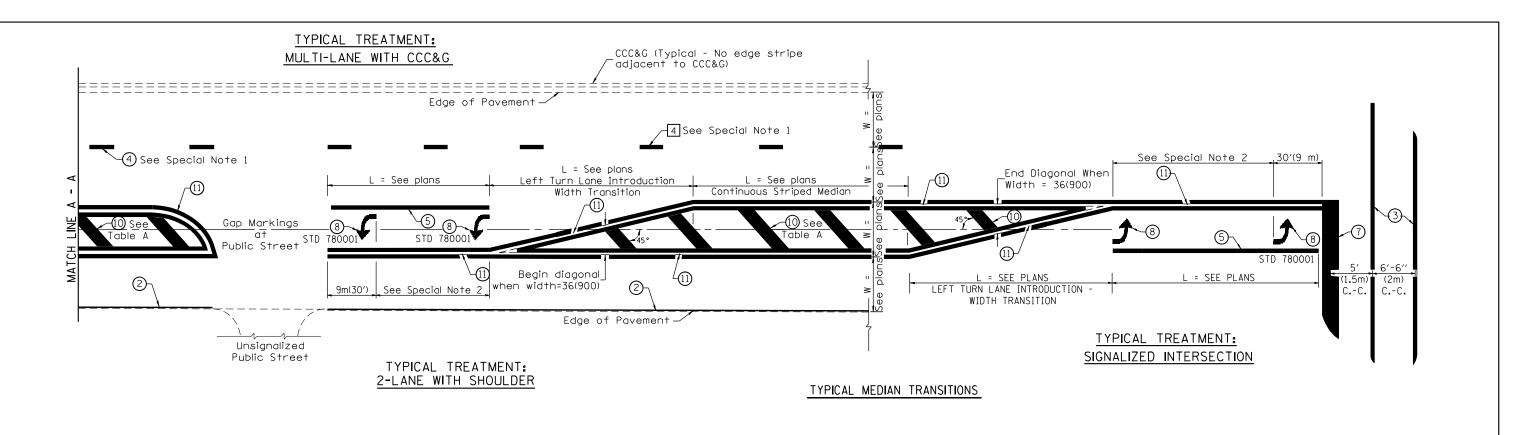
#### GENERAL NOTES

- 1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
- See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.
- 3. Refer to Article 780.13 for letter, number and symbol areas (sq. ft.)
- 4. Areas are grooved 1" beyond each edge for the following symbols: Through Arrow= 14.8 sq. ft.
  Large Left or Right Arrow= 21.9 sq. ft.
  2 Arrow Combination Left (or Right) and Through= 34.9 sq. ft.
  Wrong Way Arrow= 29.5 sq. ft.
  Railroad Crossing Symbol= 69.8 sq. ft.
  (For further information, refer to BDE Special Provision: Grooving for Recessed Pavement Markings)

# 01-01-97 RENUM. F-8.03, NEW REVISION BOX T.P. 02-07-97 ADD BI DIRECTIONAL DIMENSION J.A. 10-97 CORRECT BI DIRECTIONAL DIMENSION J.A. 08-02 ADD CROSSWALK DMNS. WITH T.S. 10-16-06 REVISED TO 2007 SPEC. 2/29/16 ADDED GROOVING AREAS R.D. 07-16-19 SPELLING CORRECTIONS R.D. DEPARTMENT O

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

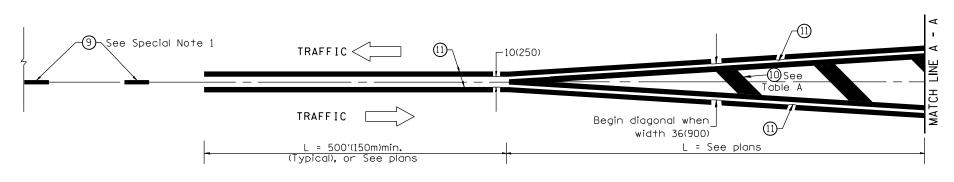
TYPICAL PAVEMENT MARKINGS



## FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

# TABLE A RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	CONTINUOUS	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30′ (9m)



#### MEDIAN INTRODUCTION - WIDTH TRANSITIONS

	STATE OF ILLINOIS	TYPICAL PAVEMENT MARKINGS	F.A. SI	ECTION COUNTY	TOTAL SHE SHEETS NO
	DEPARTMENT OF TRANSPORTATION	SHT. 2 OF	2	CONTRAC	63   6 T NO.
		NOT TO SCALE CADD STD. 780001-D	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	