

PROJECT LOCATED IN THE VILLAGE OF SHOREWOOD

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 0338 22 BJ	WILL	50	1
ILLINOIS			CONTRACT NO. 62T09	

* 50 + 1 = 51 TOTAL SHEETS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

DESIGN DESIGNATION:

COTTAGE STREET = PRINCIPAL ARTERIAL

ADT: 2021

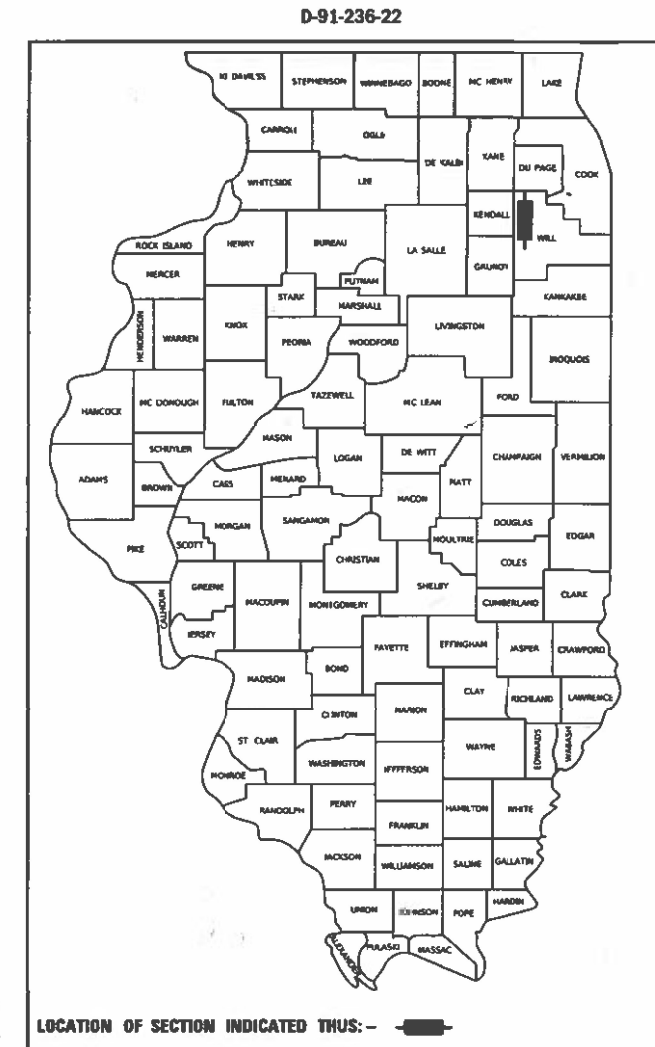
COTTAGE STREET = 20,600

POSTED SPEED:

COTTAGE STREET = 40 MPH

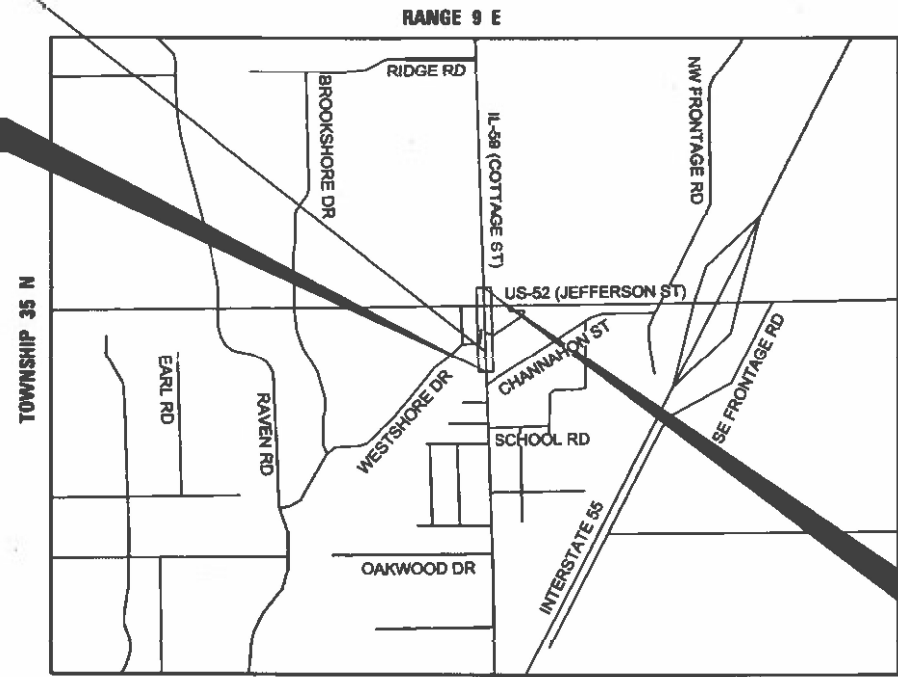
**PROPOSED
HIGHWAY PLANS**

**F.A.P. ROUTE 338
IL 59 (COTTAGE ST) OVER DUPAGE RIVER
SECTION FAP 0338 22 BJ
PROJECT NHPP-RHLF(743)
BRIDGE DECK OVERLAY, BRIDGE JOINT
REPLACEMENT/REPAIR
WILL COUNTY
C-91-289-22**

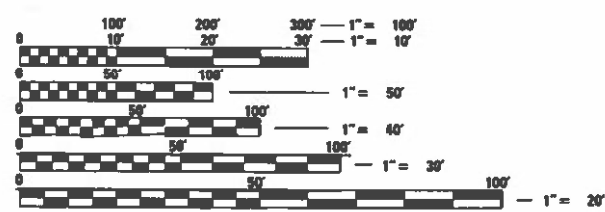


SN 099-0284
STA. 7523+60.15

BEGIN IMPROVEMENTS
COTTAGE STREET
STA. 7521+40.77



BY: *[Signature]* DATE: 06/18/2023
HDR, INC. DWGS.
LICENSE EXPIRES NOV 30, 2023



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

END IMPROVEMENTS
COTTAGE STREET
STA. 7532+46.66

TROY TOWNSHIP
LOCATION MAP
SCALE = N.T.S.

GROSS LENGTH = 1106.9 FT. = 0.21 MILE
NET LENGTH = 862.68 FT. = 0.16 MILE

PROJECT ENGINEER: VESELIN VELICHKOV (847)705-4432
PROJECT MANAGER: FAWAD AQUEEL

CONTRACT NO. 62T09

HDR
HDR Engineering, Inc.
DESIGN FIRM REGISTRATION NUMBER 184.001070
9450 W. Bryn Mawr Ave., Suite 400
Rosemont, IL 60018
773-380-7900

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *June 26, 2023*
Jose Pineda Lopez REGIONAL ENGINEER
August 18, 2023
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

August 18, 2023
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

DRAWING NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS AND GENERAL NOTES
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49	ARTERIAL ROAD INFORMATION SIGN (TC-22)
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HIGHWAY STANDARDS

STANDARD NO.	TITLE
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606306-04	CORRUGATED PC CONCRETE MEDIANS
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 40 MPH
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
780001-05	TYPICAL PAVEMENT MARKINGS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 1-800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, AND THE VILLAGE OF SHOREWOOD.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 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 ENGINEER SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV, A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
- THE ENGINEER SHALL CONTACT ERIC CAMPOS, AREA TRAFFIC FIELD ENGINEER, AT ERIC.CAMPOS@ILLINOIS.GOV AT LEAST TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS THAT WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S OWN EXPENSE.
- ANY SIGNAGE, PAVEMENT MARKINGS, AND REFLECTORS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE THROUGHOUT THE DURATION OF THE CONTRACT AND MAINTAIN ALL PUBLIC AND PRIVATE DRAINS. TEMPORARY DRAINAGE STRUCTURES MAY BE REQUIRED AND SHALL BE CONSTRUCTED AT THE DIRECTION OF THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCLUDED IN THE CONTRACT.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, AS REQUIRED, PRIOR TO COMMENCING WITH CONSTRUCTION.
- SAW CUTTING PRIOR TO ANY REMOVAL ITEMS NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEMS BEING REMOVED.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- THE BRIDGE MAINTENANCE WORK SPECIFIED IN THE CONTRACT PLANS, INCLUDING DEBRIS REMOVAL AT THE UPSTREAM END OF PIERS, IS ALLOWED UNDER NATIONWIDE PERMIT 3 - MAINTENANCE. NOTIFICATION OF THE USACE IS NOT REQUIRED. NWP 3 AUTHORIZES WORK, INCLUDING THE USE OF TEMPORARY MATS, NECESSARY TO CONDUCT THE MAINTENANCE ACTIVITIES. APPROPRIATE MEASURES MUST BE TAKEN TO MAINTAIN NORMAL DOWNSTREAM FLOWS AND MINIMIZE FLOODING TO THE MAXIMUM EXTENT PRACTICABLE DURING CONSTRUCTION ACTIVITIES. ANY TEMPORARY FILLS MUST CONSIST OF MATERIALS, AND BE PLACED IN A MANNER, THAT WILL NOT BE ERODED BY EXPECTED HIGH FLOWS. AFTER CONDUCTING THE MAINTENANCE ACTIVITY, TEMPORARY FILLS MUST BE REMOVED IN THEIR ENTIRETY AND THE AFFECTED AREAS RETURNED TO PRECONSTRUCTION ELEVATIONS. DREDGING IS NOT PERMITTED.
- THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.

COMMITMENTS

NONE

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HDR
9450 W. BRYN MAWR AVE.
ROSEMONT, IL 60018

USER NAME = YPARK	DESIGNED - DP	REVISED -
	DRAWN - RA	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - DP	REVISED -
PLOT DATE = 08/11/2023	DATE - 06/16/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS AND GENERAL NOTES
IL-59 OVER DUPAGE RIVER

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 0338 022 BJ	WILL	50	2
				CONTRACT NO. 62T09
		ILLINOIS	FED. AID PROJECT	

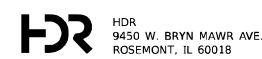
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CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY URBAN	0047 BRIDGE RESURFACING 80% FED/ 20% STATE
20200100	EARTH EXCAVATION	CU YD	30	30
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2	2
28000510	INLET FILTERS	EACH	8	8
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	9	9
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	60	60
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	836	836
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	249	249
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	249	249
40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	20	20
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	166	166
42001300	PROTECTIVE COAT	SQ YD	72	72
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	537.5	537.5
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	180	180
44000600	SIDEWALK REMOVAL	SQ FT	537.5	537.5
50102400	CONCRETE REMOVAL	CU YD	24.6	24.6
50300255	CONCRETE SUPERSTRUCTURE	CU YD	27.0	27.0
50300260	BRIDGE DECK GROOVING	SQ YD	1,748	1,748
50300300	PROTECTIVE COAT	SQ YD	1,825	1,825

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY URBAN	0047 BRIDGE RESURFACING 80% FED/ 20% STATE
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	130	130
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	3,490	3,490
50800515	BAR SPLICERS	EACH	12	12
52000110	PREFORMED JOINT STRIP SEAL	FOOT	158.0	158.0
52100520	ANCHOR BOLTS, 1"	EACH	6	6
60250200	CATCH BASINS TO BE ADJUSTED	EACH	6	6
60255500	MANHOLES TO BE ADJUSTED	EACH	2	2
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	158.5	158.5
60611811	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (MODIFIED)	FOOT	21.0	21.0
63200310	GUARDRAIL REMOVAL	FOOT	37.5	37.5
64300240	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	1	1
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	30	30
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	5	5
67100100	MOBILIZATION	L SUM	1	1
X7010238	CHANGEABLE MESSAGE SIGN (SPECIAL)	CAL MO	20	20

LEGEND

* - DENOTES SPECIALTY ITEM



USER NAME = RAZEVEDO	DESIGNED - DP	REVISED -
DRAWN - RA	CHECKED - DP	REVISED -
PLOT SCALE = 100.0000' / in.	DATE - 06/16/2023	REVISED -
PLOT DATE = 06/15/2023		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
IL-59 OVER DUPAGE RIVER**

SCALE: N.T.S. SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE. 338	SECTION 0338-022-BJ	COUNTY WILL	TOTAL SHEETS 50	SHEET NO. 3
CONTRACT NO. 62T09			ILLINOIS FED. AID PROJECT	

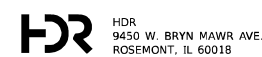
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CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY URBAN	0047 BRIDGE RESURFACING 80% FED/ 20% STATE
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	7,488	7,488
70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	437	437
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	11,608	11,608
70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	2,189	2,189
70307210	TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE	FOOT	259	259
70400100	TEMPORARY CONCRETE BARRIER	FOOT	625.0	625.0
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	625.0	625.0
70600241	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	2
70600341	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	3	3
72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	73	73
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	4,491	4,491
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	652	652
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	18	18
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	83	83
* 78004635	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 7"	FOOT	402	402
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	1,683	1,683
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	204	204

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY URBAN	0047 BRIDGE RESURFACING 80% FED/ 20% STATE
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	102	102
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	26	26
* 78011040	GROOVING FOR RECESSED PAVEMENT MARKING 8"	FOOT	402	402
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	14	14
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	48	48
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	30	30
* 78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	2,897	2,897
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1
89502378	REBUILD EXISTING HANDHOLE TO HEAVY-DUTY HANDHOLE	EACH	1	1
X0322102	TEMPORARY SIDEWALK RAMP	EACH	1	1
X5060700	CLEANING AND PAINTING BEARINGS	EACH	60	60
X2010400	STUMP REMOVAL ONLY	UNIT	8	8
X6060500	CORRUGATED MEDIAN REMOVAL	SQ FT	1,796	1,796
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	84	84
Z0001700	APPROACH SLAB REPAIR (FULL DEPTH)	SQ YD	69	69
Z0001800	APPROACH SLAB REPAIR (PARTIAL DEPTH)	SQ YD	45	45
Z0001903	STRUCTURAL STEEL REMOVAL	POUND	80	80

LEGEND

* - DENOTES SPECIALTY ITEM



USER NAME = RAZEVEDO	DESIGNED - DP	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - RA	REVISED -
PLOT DATE = 06/15/2023	CHECKED - DP	REVISED -
	DATE - 06/16/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
IL-59 OVER DUPAGE RIVER**

SCALE: N.T.S. SHEET 2 OF 3 SHEETS STA. TO STA.

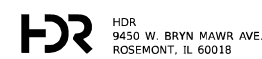
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CONTRACT NO. 62T09			ILLINOIS FED. AID PROJECT	

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CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY URBAN	0047 BRIDGE RESURFACING 80% FED/ 20% STATE
Z0006014	BRIDGE DECK LATEX CONCRETE OVERLAY, 2 1/2 INCHES	SQ YD	1,770	1,770
Z0012130	BRIDGE DECK SCARIFICATION 3/4"	SQ YD	1,770	1,770
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	130	130
Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	5	5
Z0015500	DEBRIS REMOVAL	L SUM	1	1
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	5	5
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	78	78
Z0062458	TEMPORARY PAVEMENT (VARIABLE DEPTH)	TON	4	4
Z0049100	RAISED PAVEMENT MARKER REFLECTOR REPLACEMENT	EACH	84	84
Ø Z0076600	TRAINEES	HOURS	500	500
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURS	500	500

LEGEND

* - DENOTES SPECIALTY ITEM



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
IL-59 OVER DUPAGE RIVER**

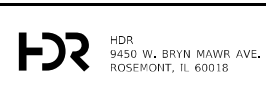
SCALE: N.T.S. SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	0338-022-BJ	WILL	50	5
CONTRACT NO. 62T09			Ø 0042	
ILLINOIS		FED. AID PROJECT		

EARTHWORK TABLE															
LOCATION	BEGIN STA.	END STA.	RT/LT/MEDIAN	EARTH EXCAVATION	*OTHER AVAILABLE EXCAVATION	*SUITABLE EXCAVATION	EMBANKMENT	**EARTHWORK BALANCE	FURNISHED EXCAVATION	TOPSOIL REMOVAL	TOPSOIL EXCAVATION AND PLACEMENT	TOPSOIL EXCAVATION	NON-SPECIAL WASTE DISPOSAL	*** REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	
				(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
				20200100	---	---	---	---	20400800	---	21101505	X2111000	66900200	20201200	
IL-59 RT C&G	7521+50	7522+14	RT	10.0	0.0	8.5	0.0	8.5	0.0	0.0	0.0	0.0	10.0	0.5	
IL-59 RT SIDEWALK	7524+57	7525+81	RT	10.0	0.0	8.5	0.0	8.5	0.0	0.0	0.0	0.0	10.0	0.5	
IL-59 LT ATTENUATOR	7527+36	7527+74	LT	10.0	0.0	8.5	0.0	8.5	0.0	0.0	0.0	0.0	10.0	0.5	
PROJECT TOTAL				30.0	0.0	26.0	0.0	26.0	0.0	0.0	0.0	0.0	30.0	2.0	

*THE SUITABLE EXCAVATION VALUES TO BE USED FOR EMBANKMENT NEEDS INCLUDE EARTH EXCAVATION AND OTHER AVAILABLE EXCAVATION MINUS THE TOPSOIL EXCAVATION; REDUCED BY A SHRINKAGE FACTOR OF 15%.
 ** EARTHWORK BALANCE WASTE [+] OR SHORTAGE [-]
 *** REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AREAS SHALL BE BACKFILLED WITH AGGREGATE SUBGRADE IMPROVEMENT. THE ACTUAL NEED FOR THE REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER.

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USER NAME = RAZEVEDO
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 PLOT DATE = 06/15/2023

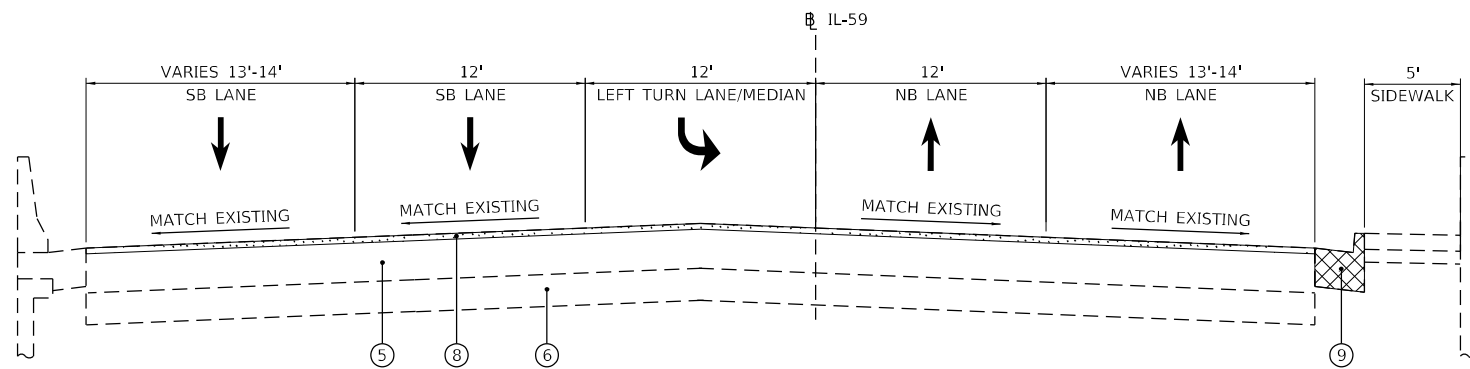
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

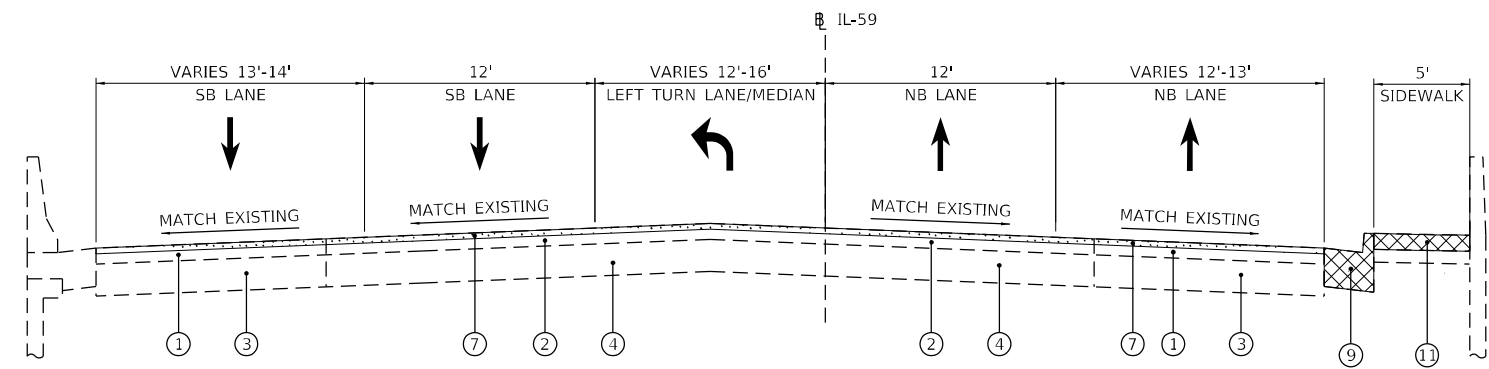
SCHEDULE OF QUANTITIES
IL-59 OVER DUPAGE RIVER
 SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	0338-022-BJ	WILL	50	6
CONTRACT NO. 62T09				
ILLINOIS FED. AID PROJECT				



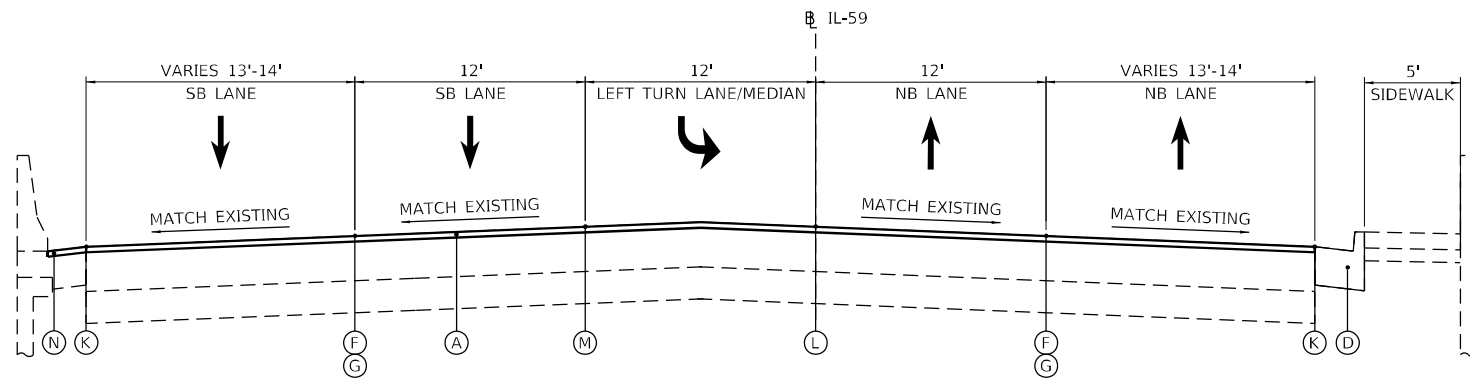
EXISTING TYPICAL SECTION

STA. 7521+40.77 TO STA. 7521+75.77
 STA. 7521+75.77 TO STA. 7525+44.54 - BRIDGE & APPROACH SLAB OMISSION



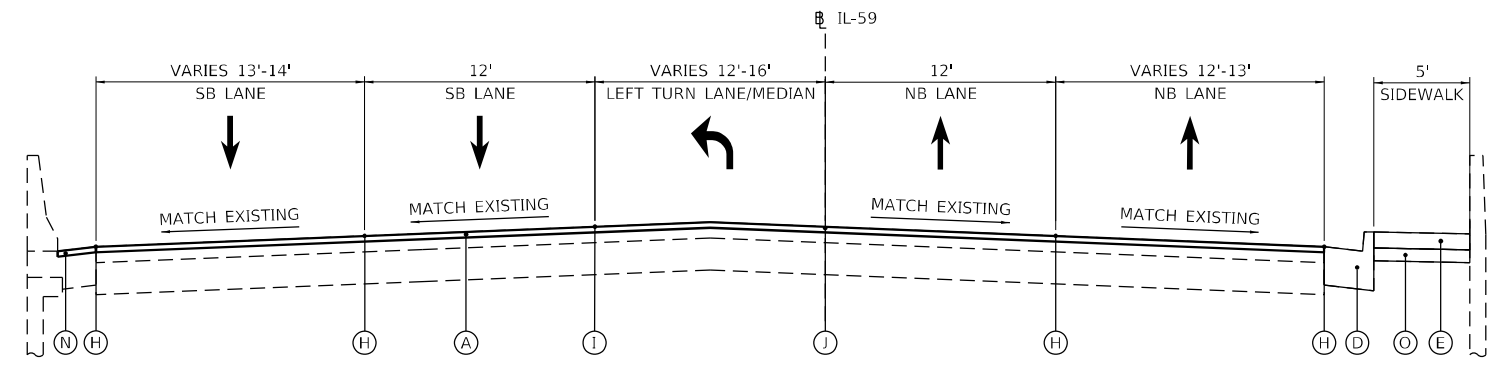
EXISTING TYPICAL SECTION

STA. 7525+44.54 TO STA. 7525+79.54



PROPOSED TYPICAL SECTION

STA. 7521+40.77 TO STA. 7521+75.77
 STA. 7521+75.77 TO STA. 7525+44.54 - BRIDGE & APPROACH SLAB OMISSION



PROPOSED TYPICAL SECTION

STA. 7525+44.54 TO STA. 7525+79.54

EXISTING LEGEND

- ① EXISTING HOT-MIX ASPHALT PAVEMENT, 5.5"
- ② EXISTING HOT-MIX ASPHALT PAVEMENT, 6"
- ③ EXISTING BITUMINOUS BASE COURSE, 10"
- ④ EXISTING P.C.C. BASE COURSE, 9"
- ⑤ EXISTING P.C.C. PAVEMENT, 9.75"
- ⑥ EXISTING AGGREGATE SUBGRADE, 12"
- ⑦ HMA SURFACE REMOVAL - BUTT JOINT
- ⑧ CONCRETE SURFACE REMOVAL - BUTT JOINT
- ⑨ COMBINATION CONCRETE CURB & GUTTER REMOVAL
- ⑩ CORRUGATED MEDIAN REMOVAL
- ⑪ SIDEWALK REMOVAL

PROPOSED LEGEND

- (A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 (1.75")
- (B) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 (2")
- (C) BRIDGE DECK LATEX CONCRETE OVERLAY
- (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24
- (E) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (F) PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 7" (4" WHITE OVER 7" BLACK)
- (G) GROOVING FOR RECESSED PAVEMENT MARKINGS 5"
- (H) THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE
- (I) THERMOPLASTIC PAVEMENT MARKING - LINE 4", DOUBLE YELLOW
- (J) THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE
- (K) MODIFIED URETHANE PAVEMENT MARKING, TYPE B - LINE 4", WHITE
- (L) MODIFIED URETHANE PAVEMENT MARKING, TYPE B - LINE 4", DOUBLE YELLOW
- (M) MODIFIED URETHANE PAVEMENT MARKING, TYPE B - LINE 6", WHITE
- (N) RETAINING WALL GUTTER MODIFICATION - SEE STRUCTURAL PLANS
- (O) SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- (P) HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1.75")

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ NDES	QMP
PAVEMENT RESURFACING AND BUTT JOINT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"	4% @ 70 GYR.	QC/QA
MEDIAN RECONSTRUCTION		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70; 2"	4% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70; 1.75"	4% @ 70 GYR.	QC/QA
TEMPORARY PAVEMENT (VARIABLE DEPTH)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70	4% @ 70 GYR.	QC/QA
QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PPF)		

- NOTES FOR HMA MIXTURE REQUIREMENTS:
- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 - THE AC TYPE FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22", UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.



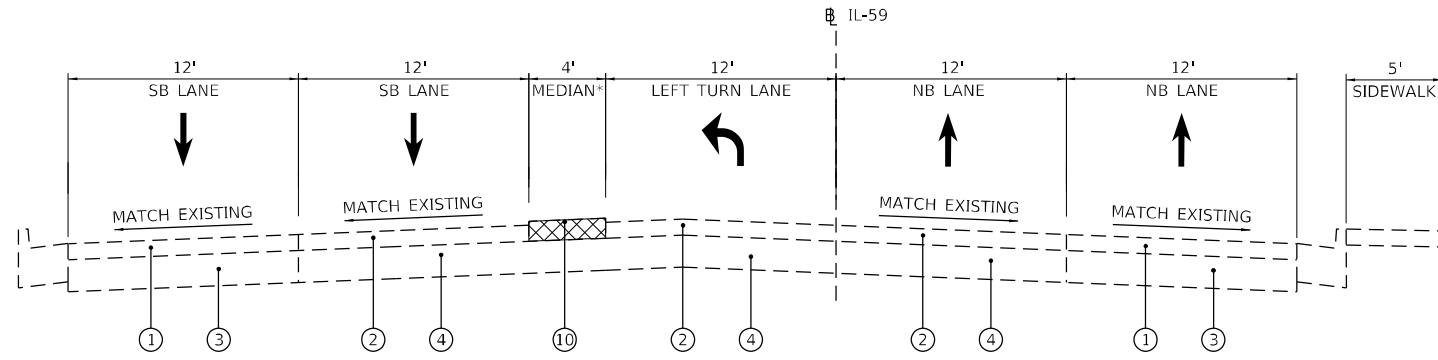
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	DATE - 06/16/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

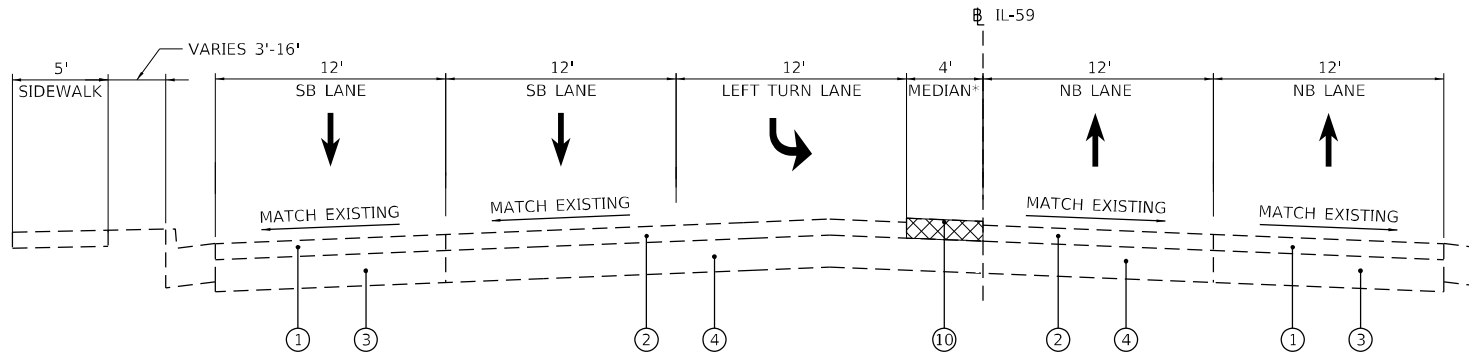
TYPICAL SECTIONS IL-59 OVER DUPAGE RIVER		
SCALE: N.T.S.	SHEET 1 OF 2 SHEETS	STA. TO STA.

F.A.P. RTE. 338	SECTION FAP 0338 022 BJ	COUNTY WILL	TOTAL SHEETS 50	SHEET NO. 7
CONTRACT NO. 62T09				
ILLINOIS FED. AID PROJECT				

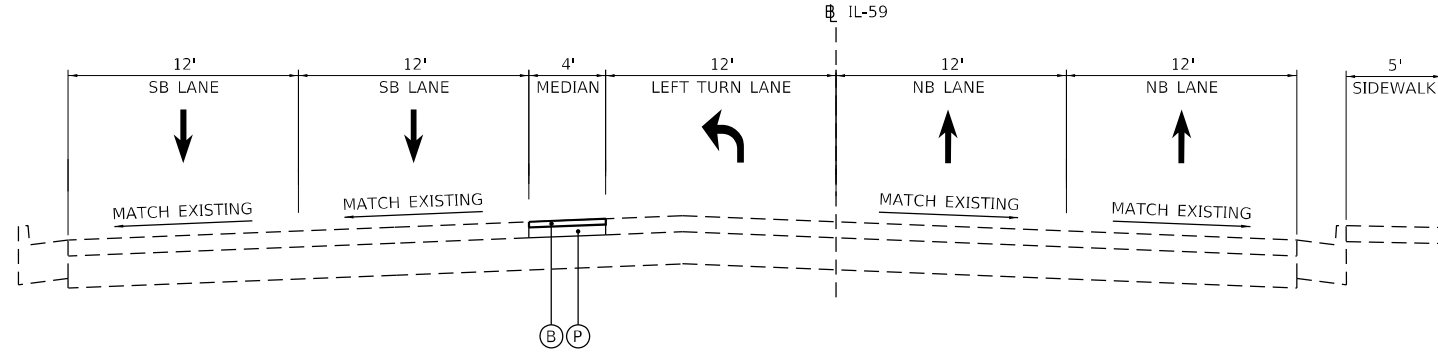
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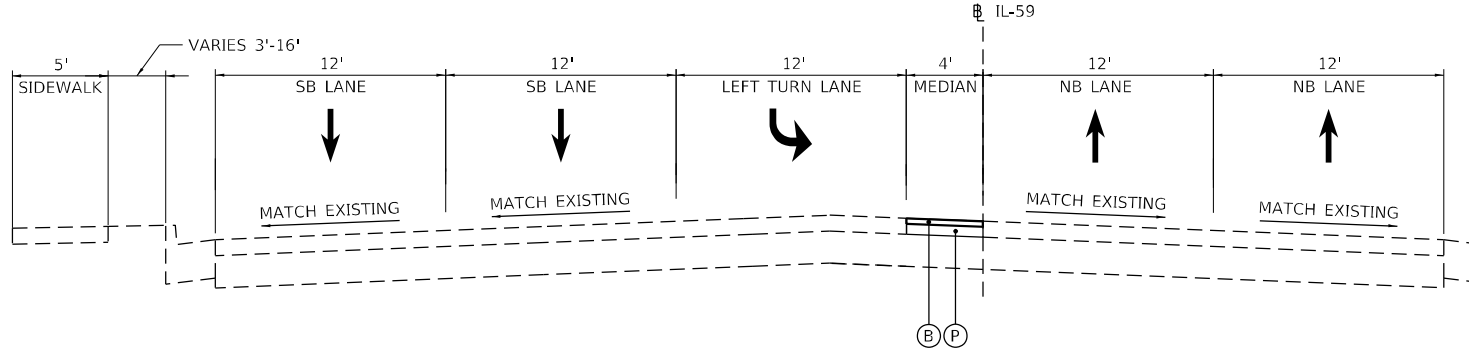
EXISTING TYPICAL SECTION
 STA. 7526+77.89 TO STA. 7528+77.89
 *SEE DETAIL A



EXISTING TYPICAL SECTION
 STA. 7529+91.43 TO STA. 7532+46.66
 *SEE DETAIL A



PROPOSED TYPICAL SECTION
 STA. 7526+77.89 TO STA. 7528+77.89



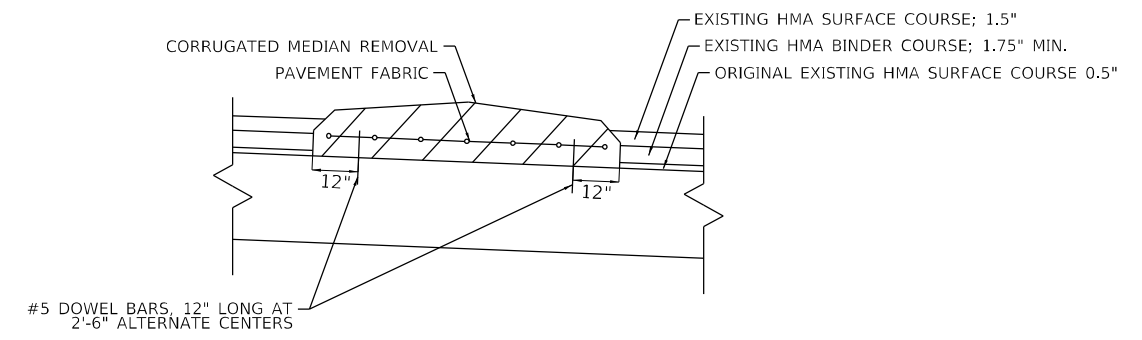
PROPOSED TYPICAL SECTION
 STA. 7529+91.43 TO STA. 7532+46.66

EXISTING LEGEND

- ① EXISTING HOT-MIX ASPHALT PAVEMENT, 5.5"
- ② EXISTING HOT-MIX ASPHALT PAVEMENT, 6"
- ③ EXISTING BITUMINOUS BASE COURSE, 10"
- ④ EXISTING P.C.C. BASE COURSE, 9"
- ⑤ EXISTING P.C.C. PAVEMENT, 9.75"
- ⑥ EXISTING AGGREGATE SUBGRADE, 12"
- ⑦ HMA SURFACE REMOVAL - BUTT JOINT
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- ⑨ COMBINATION CONCRETE CURB & GUTTER REMOVAL
- ⑩ CORRUGATED MEDIAN REMOVAL
- ⑪ SIDEWALK REMOVAL

PROPOSED LEGEND

- Ⓐ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 (1.75")
- Ⓑ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 (2")
- Ⓒ BRIDGE DECK LATEX CONCRETE OVERLAY
- Ⓓ COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24
- Ⓔ PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- Ⓕ PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 7" (4" WHITE OVER 7" BLACK)
- Ⓖ GROOVING FOR RECESSED PAVEMENT MARKINGS 5"
- Ⓗ THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE
- Ⓘ THERMOPLASTIC PAVEMENT MARKING - LINE 4", DOUBLE YELLOW
- Ⓝ THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE
- Ⓚ MODIFIED URETHANE PAVEMENT MARKING, TYPE B - LINE 4", WHITE
- Ⓛ MODIFIED URETHANE PAVEMENT MARKING, TYPE B - LINE 4", DOUBLE YELLOW
- Ⓜ MODIFIED URETHANE PAVEMENT MARKING, TYPE B - LINE 6", WHITE
- Ⓝ RETAINING WALL GUTTER MODIFICATION - SEE STRUCTURAL PLANS
- Ⓞ SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- Ⓟ HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (1.75")



DETAIL A
 EXISTING CORRUGATED MEDIAN

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USER NAME = YPARK	DESIGNED - DP	REVISED -
DRAWN - RA	REVISIONS -	
PLOT SCALE = 40,0000 * / in.	CHECKED - DP	REVISED -
PLOT DATE = 08/11/2023	DATE - 06/16/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS IL-59 OVER DUPAGE RIVER	
SCALE: N.T.S.	SHEET 2 OF 2 SHEETS
STA.	TO STA.

F.A.P. RTE. 338	SECTION FAP 0338 022 BJ	COUNTY WILL	TOTAL SHEETS 50	SHEET NO. 8
CONTRACT NO. 62T09				
ILLINOIS FED. AID PROJECT				

MOT GENERAL NOTES

1. TRAFFIC CONDITIONS, CRASHES, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY, OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. COMPLIANCE WITH THIS REQUIREMENT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
2. THE MAINTENANCE OF TRAFFIC PLANS SHALL SERVE AS A GUIDE FOR THE SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THE CONTRACT. THE CONTRACTOR MAY MODIFY THE MAINTENANCE OF TRAFFIC PLANS TO MEET CONSTRUCTION NEEDS, BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL.
3. THE CONTRACTOR SHALL REMOVE ALL TEMPORARY OR EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH THE STAGING. REMOVAL OF TEMPORARY PAVEMENT MARKING LINE WILL BE PAID FOR AS SHORT TERM PAVEMENT MARKING REMOVAL. REMOVAL OF EXISTING PAVEMENT MARKING ON PAVEMENT TO REMAIN WILL BE PAID FOR AS PAVEMENT MARKING REMOVAL - WATER BLASTING.
4. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE TEMPORARY PAVEMENT MARKING TAPE, TYPE IV.
5. ALL TRAFFIC CONTROL DEVICES INCLUDING, BUT NOT LIMITED TO DRUMS, VERTICAL PANELS, AND BARRICADES IMMEDIATELY ADJACENT TO THE EDGE OF TRAVELLED WAY SHALL BE EQUIPPED WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS.
6. THE CONTRACTOR SHALL REMOVE OR COVER ALL EXISTING SIGNS THAT CONFLICT WITH OR DO NOT APPLY TO THE REVISED TRAFFIC PATTERNS AND SHALL RESTORE THE SIGNS AT THE END OF CONSTRUCTION AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE TRAFFIC CONTROL AND PROTECTION (SPECIAL).
7. ALL EXISTING 7" (1.5" BLACK, 4" WHITE, 1.5" BLACK) PREFORMED PLASTIC TYPE B STANDARD LANE LINE PAVEMENT MARKINGS LOCATED WITHIN TEMPORARY LANE CLOSURE TAPERS, LANE SHIFT TAPERS OR IN LOCATIONS THAT CONFLICT WITH THE TEMPORARY PAVEMENT MARKING TAPE USED FOR MORE THAN 14 DAYS. THE EXISTING 7" (1.5" BLACK, 4" WHITE, 1.5" BLACK) PREFORMED PLASTIC TYPE B STANDARD PAVEMENT MARKINGS THAT WERE REMOVED SHALL BE RESTORED AFTER THE COMPLETION OF THE STAGING.
8. ALL MODIFIED URETHANE (AND/OR PAINT) PAVEMENT MARKINGS USED FOR STAGING SHALL BE REMOVED VIA WATER BLASTING WITH VACUUM RECOVERY ON FINAL PAVEMENT SURFACES, AND VIA GRINDING ON EXISTING OR TEMPORARY PAVEMENT SURFACES THAT ARE TO BE REMOVED.
9. PAVEMENT MARKING TAPE, TYPE IV SHOWN ON THE PLANS FOR ANY CONSTRUCTION STAGE THAT THE CONTRACTOR PROPOSES TO EXTEND OVER THE WINTER PERIOD SHALL MEAN MODIFIED URETHANE PAVEMENT MARKING AND WILL BE PAID FOR THEIR RESPECTIVE CONTRACT UNIT PRICE.
10. ANY RAISED REFLECTIVE MARKERS THAT CONFLICT WITH THE TEMPORARY TRAFFIC LANES MUST HAVE THE REFLECTIVE LENSES REMOVED AS DIRECTED BY THE ENGINEER. REFLECTOR REPLACEMENT NOT TO OCCUR UNTIL NO LONGER IN CONFLICT WITH TEMPORARY TRAFFIC CONFIGURATION.
11. DURING CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO AVOID ANY CONSTRUCTION DEBRIS FROM ENCROACHING INTO TRAVEL LANES AND TEMPORARY PEDESTRIAN ACCESS PATH.
12. PEDESTRIAN ACCESS SHALL BE MAINTAINED AT ALL TIMES. ANY TEMPORARY SIGNAGE, SIDEWALKS, AND TEMPORARY PEDESTRIAN ACCESS PATHS, OR OTHER ITEMS NEEDED TO REROUTE PEDESTRIAN TRAFFIC AROUND WORK ZONES SHALL BE APPROVED BY THE ENGINEER. THE COST OF THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
13. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
14. CONTRACTOR SHALL MAINTAIN SATISFACTORY INGRESS AND EGRESS TO ADJACENT PROPERTIES THROUGHOUT THE CONSTRUCTION.
15. BEFORE INSTALLING POST MOUNTED SIGNS, THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 1-800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES.
16. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL ROAD CLOSURE, TRAFFIC STAGE CHANGES, AND NEW TRAFFIC SIGNAL TURN-ON EVENTS ON EACH APPROACH OF THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGNS SHALL BE REMOVED TWO WEEKS THEREAFTER UNLESS THE SIGNS ARE NEEDED AGAIN FOR A SUBSEQUENT FUTURE EVENT THAT WILL OCCUR WITHIN 2 WEEKS ON THE SAME APPROACH OF THE EFFECTED ROADWAY. THE SIGN LOCATIONS SHALL BE (DETERMINED BY THE ENGINEER) PLACED AS DIRECTED BY THE ENGINEER.
17. THE ROAD CONSTRUCTION AHEAD SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE.

SUGGESTED STAGING AND MAINTENANCE OF TRAFFIC

PRE-STAGE

CONSTRUCTION STAGING:

1. REMOVE EXISTING CORRUGATED MEDIAN AND CONSTRUCT HOT-MIX ASPHALT BASE COURSE, AND HOT-MIX ASPHALT SURFACE COURSE.
2. REBUILD HEAVY DUTY HANDHOLE IN MEDIAN NORTH OF US-52.

MAINTENANCE OF TRAFFIC:

1. MAINTAIN A MINIMUM OF ONE LANE OF NORTHBOUND AND SOUTHBOUND TRAFFIC ON IL-59, ALLOWING FOR TURN LANE OPERATIONS ONTO BOTH DIRECTIONS OF US-52 AT ALL TIMES, AS SHOWN IN PLANS.
2. REMOVE CONFLICTING EXISTING PAVEMENT MARKINGS AND REFLECTORS.

STAGE 1

CONSTRUCTION STAGING:

1. REMOVE AND REPLACE RIGHT SIDEWALK TO FINAL ELEVATION ACCORDING TO PROPOSED OVERLAY TRANSITION.
2. REPLACE BRIDGE JOINTS AND REPAIR APPROACH SLAB ON NORTHBOUND HALF OF BRIDGE.
3. REMOVE AND REPLACE COMBINATION CONCRETE CURB AND GUTTER ON RIGHT TO FINAL ELEVATION ACCORDING TO PROPOSED OVERLAY TRANSITION.
4. SCARIFY BRIDGE DECK ¾" ON NORTHBOUND HALF OF BRIDGE.
5. PLACE LATEX CONCRETE OVERLAY ON BRIDGE DECK FOR NORTHBOUND LANES.
6. CONSTRUCT THE TEMPORARY PAVEMENT (VARIABLE DEPTH) AT ENDS OF BRIDGE DECK OVERLAY.

MAINTENANCE OF TRAFFIC:

1. MAINTAIN ONE-LANE TWO-WAY TRAFFIC ON SOUTHBOUND PAVEMENT ACROSS BRIDGE AS SHOWN IN PLANS.
2. REMOVE CONFLICTING EXISTING PAVEMENT MARKINGS AND REFLECTORS.
3. MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES ALONG NORTHBOUND IL-59 PER SIDEWALK DIVERSION DETAIL IN STANDARD 701801, WITH THE ADDITION OF TEMPORARY SIDEWALK RAMPS. CONSTRUCTION OF THE CONCRETE SIDEWALK SHALL OCCUR PRIOR TO THE NORTHBOUND BRIDGE DECK SCARIFICATION.

STAGE 2

CONSTRUCTION STAGING:

1. REPLACE BRIDGE JOINTS AND REPAIR APPROACH SLAB ON SOUTHBOUND HALF OF BRIDGE.
2. PARTIALLY REMOVE UPPER LAYER OF CONCRETE IN STRUCTURAL GUTTER AND RECONSTRUCT SURFACE TO MATCH THE PROPOSED OVERLAY ELEVATION.
3. SCARIFY BRIDGE DECK ¾" ON SOUTHBOUND HALF OF BRIDGE.
4. PLACE LATEX CONCRETE OVERLAY ON BRIDGE DECK FOR SOUTHBOUND LANES.
5. CONSTRUCT THE TEMPORARY PAVEMENT (VARIABLE DEPTH) AT ENDS OF BRIDGE DECK OVERLAY.
6. REMOVE EXISTING GUARDRAIL AT THE NORTHWEST BRIDGE APPROACH AND CONSTRUCT PROPOSED ATTENUATOR WITH PAD AND CURB AND GUTTER. THIS WORK SHALL ONLY BE PERFORMED UNDER SUBSTAGE 2A CONFIGURATION DETAILED ON PLANS.

MAINTENANCE OF TRAFFIC:

1. MAINTAIN ONE-LANE TWO-WAY TRAFFIC ON NORTHBOUND PAVEMENT ACROSS BRIDGE AS SHOWN IN PLANS.
2. REMOVE CONFLICTING EXISTING PAVEMENT MARKINGS AND REFLECTORS.
3. MAINTAIN PEDESTRIAN ACCESS ACROSS BRIDGE AT ALL TIMES.

POST STAGE

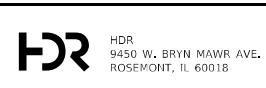
CONSTRUCTION STAGING:

1. REMOVE THE TEMPORARY PAVEMENT (VARIABLE DEPTH) AND PERFORM BUTT JOINT SURFACE REMOVAL, AND PLACE HMA OVERLAY OF EXISTING PAVEMENT AND APPROACH SLABS.

MAINTENANCE OF TRAFFIC:

1. UTILIZE DAY TIME LANE CLOSURES TO PERFORM BUTT JOINT AND OVERLAY WORK.
2. MAINTAIN A MINIMUM OF ONE-LANES OF NORTHBOUND AND SOUTHBOUND TRAFFIC ON IL-59 AT ALL TIMES.
3. REPLACE REFLECTORS THAT HAVE PREVIOUSLY BEEN REMOVED.

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USER NAME = YPARK
PLOT SCALE = 40,0000 * / in.
PLOT DATE = 08/11/2023

DESIGNED - DP	REVISED -
DRAWN - RA	REVISED -
CHECKED - DP	REVISED -
DATE - 06/16/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

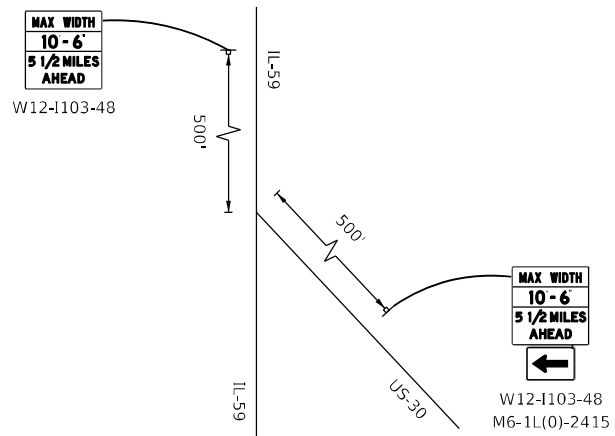
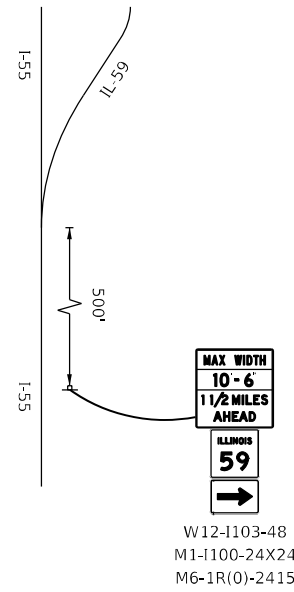
**SUGGESTED TRAFFIC CONTROL PLAN – IL-59 OVER DUPAGE RIVER
 MAINTENANCE OF TRAFFIC NOTES & SEQUENCE OF CONSTRUCTION**

SCALE: N.T.S. SHEET 1 OF 8 SHEETS STA. TO STA.

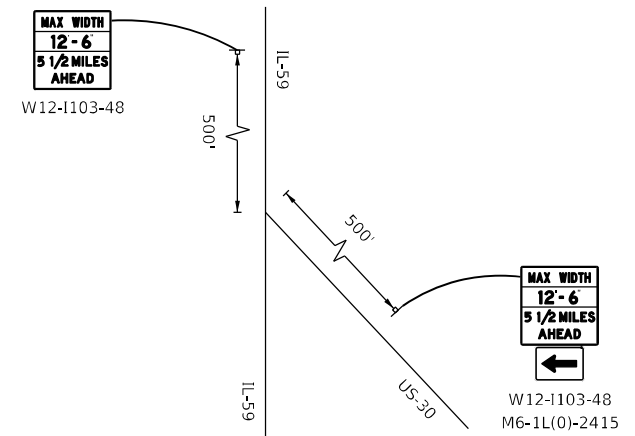
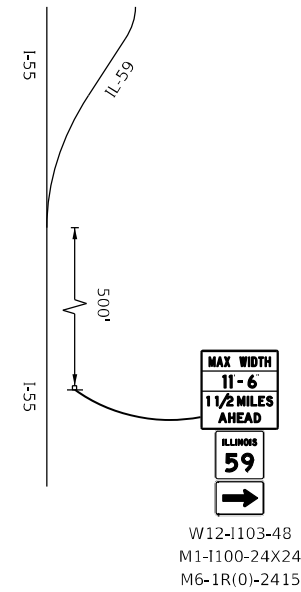
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 0338 022 BJ	WILL	50	9
CONTRACT NO. 62T09			ILLINOIS FED. AID PROJECT	

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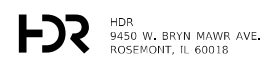
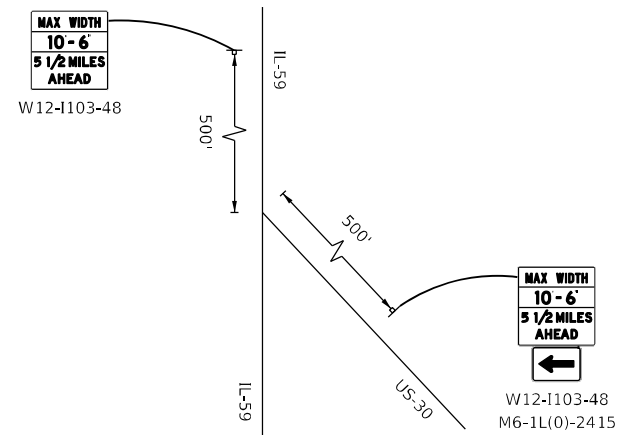
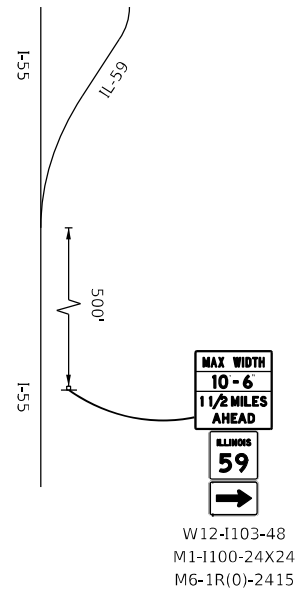
PRE STAGE



STAGE 1



STAGE 2



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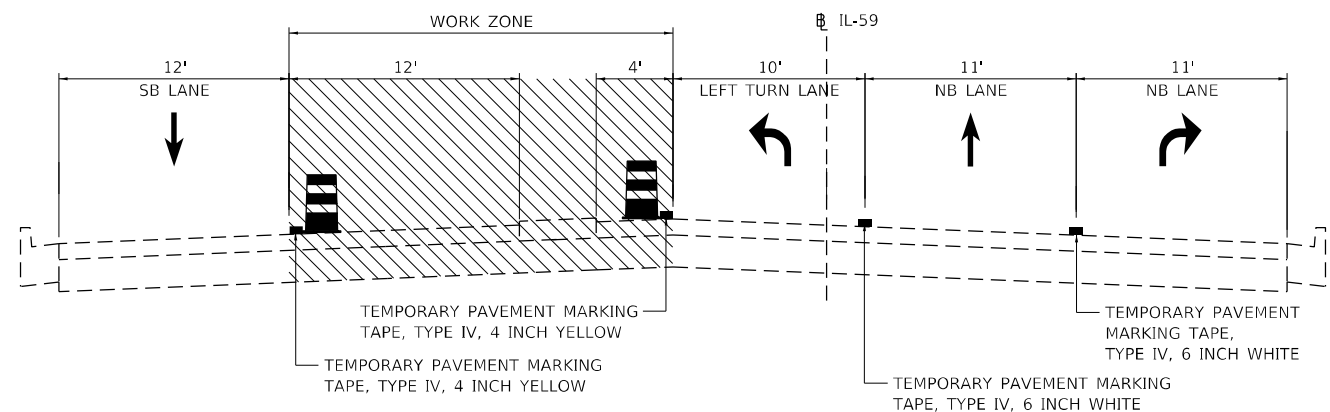
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL PLAN – IL-59 OVER DUPAGE RIVER
 ADVANCED WIDTH RESTRICTION SIGNAGE**

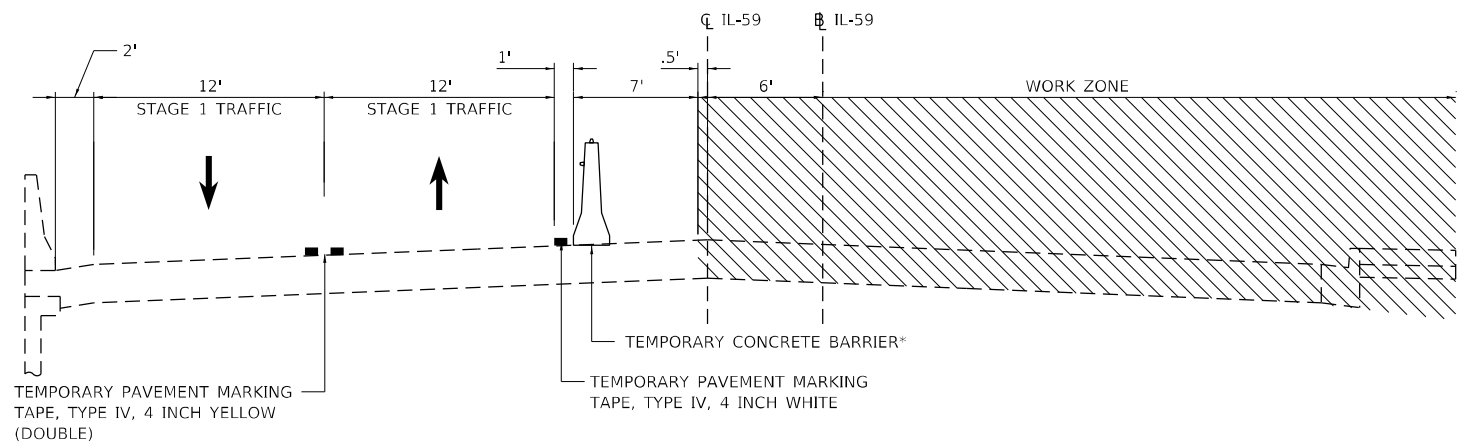
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F.A.P. RTE. 338	SECTION FAP 0338 022 BJ	COUNTY WILL	TOTAL SHEETS 50	SHEET NO. 9A
CONTRACT NO. 62T09			ILLINOIS FED. AID PROJECT	

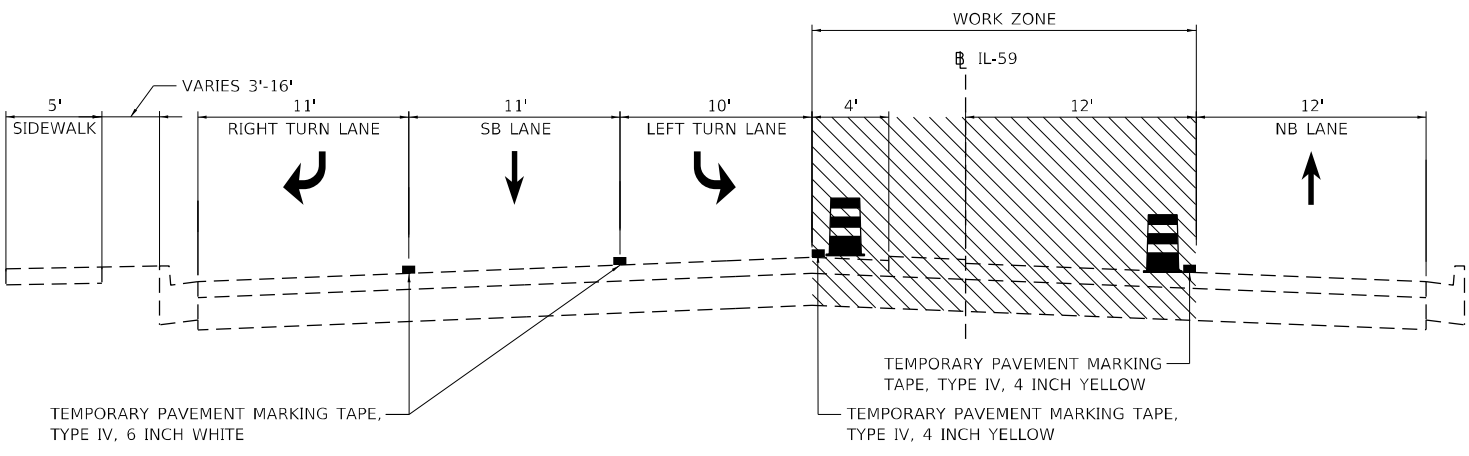
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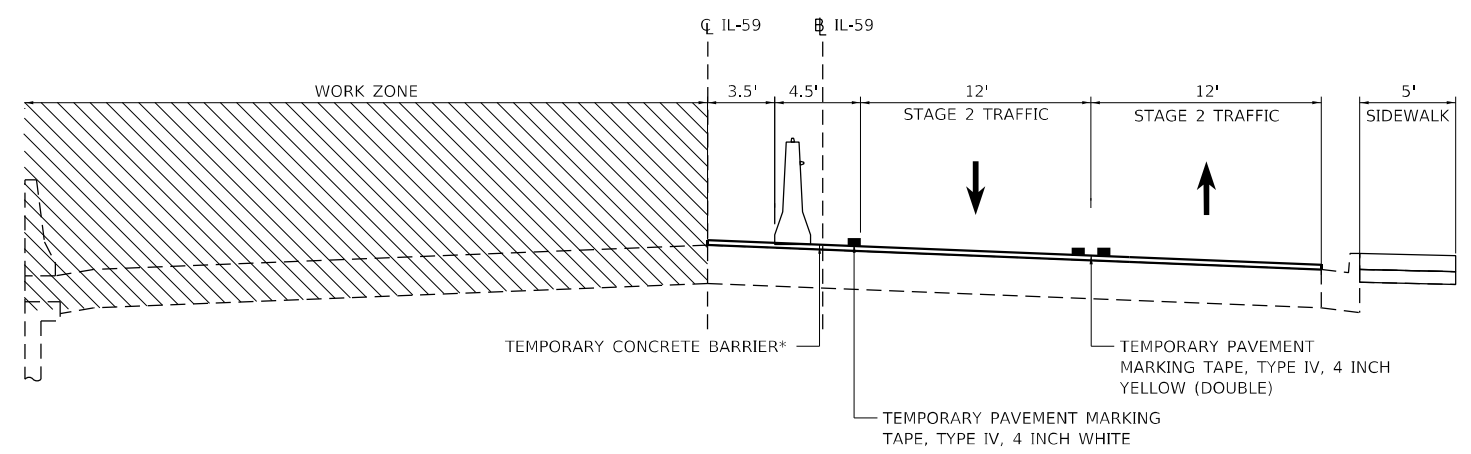
MAINTENANCE OF TRAFFIC – PRE STAGE – SOUTH OF US-52



MAINTENANCE OF TRAFFIC – STAGE 1



MAINTENANCE OF TRAFFIC – PRE STAGE – NORTH OF US-52



MAINTENANCE OF TRAFFIC – STAGE 2

*BIDIRECTIONAL CRYSTAL TYPE C REFLECTORS TO BE INSTALLED PER STD. 704001-08 AND STD. 782006



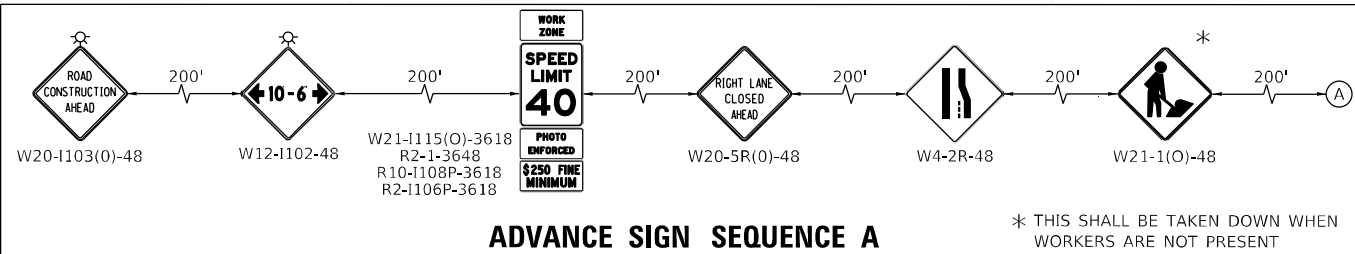
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DRAWN - RA	REVISIONS -	
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PLOT DATE = 08/11/2023	DATE - 06/16/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL PLAN – IL-59 OVER DUPAGE RIVER
MAINTENANCE OF TRAFFIC – TYPICAL SECTIONS**

SCALE: N.T.S. SHEET 2 OF 9 SHEETS STA. TO STA.

F.A.P. RTE. 338	SECTION FAP 0338 022 BJ	COUNTY WILL	TOTAL SHEETS 50	SHEET NO. 10
				CONTRACT NO. 62T09
ILLINOIS FED. AID PROJECT				



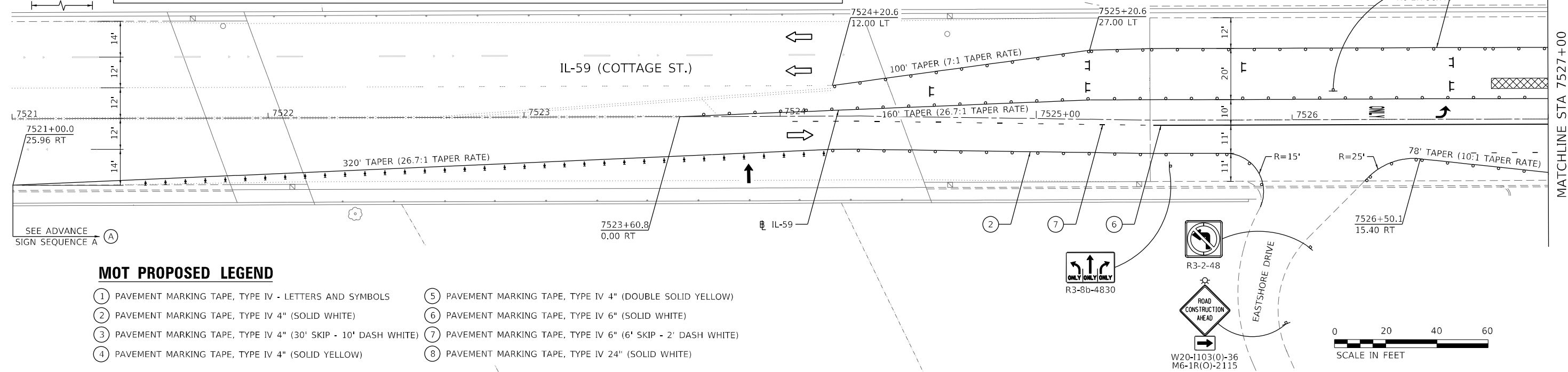
ADVANCE SIGN SEQUENCE A

* THIS SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT

MOT SYMBOL LEGEND

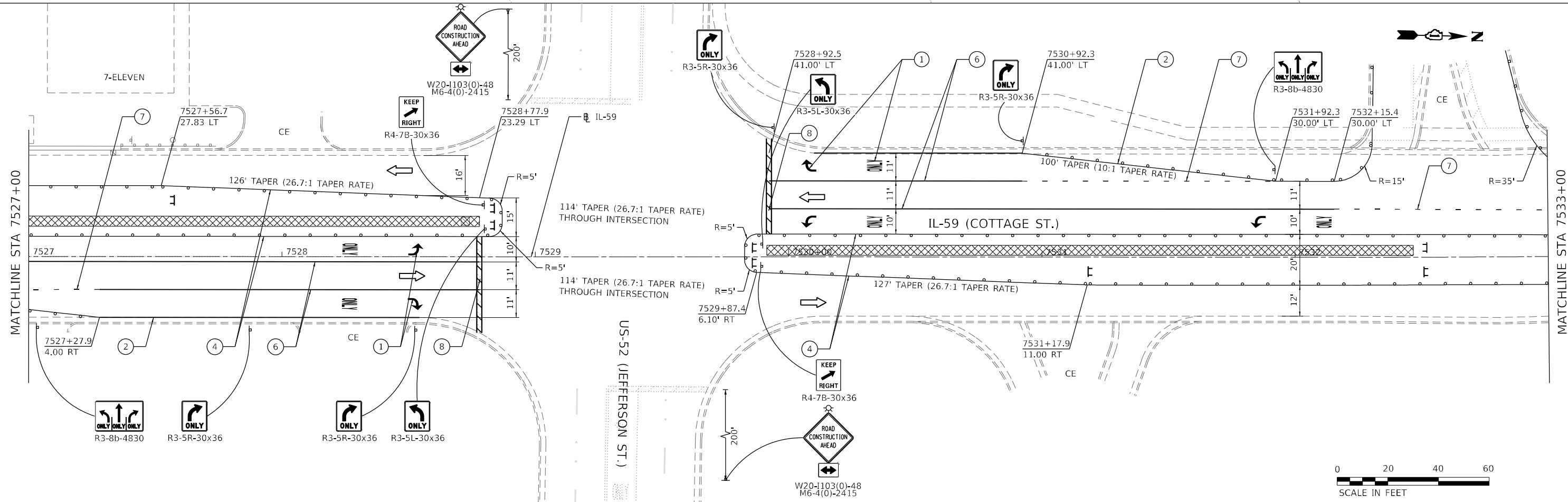
- PRE-STAGE WORK ZONE
- BARRICADE TYPE III
- BARRICADE TYPE III WITH FLASHING LIGHT
- CONSTRUCTION TRAFFIC CONTROL SIGN
- IMPACT ATTENUATORS, TEMPORARY, TEST LEVEL 2
- DIRECTION OF TRAFFIC

- TEMPORARY PEDESTRIAN ACCESS PATH
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- TYPE II BARRICADE OR DRUMS @ 50 FT CENTERS ALONG TANGENT & 20 FT CENTERS ALONG TAPERS, 10 FT @ RADII & CURVES
- DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20 FT CENTERS ALONG TAPERS

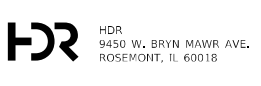


MOT PROPOSED LEGEND

- 1 PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS
- 2 PAVEMENT MARKING TAPE, TYPE IV 4" (SOLID WHITE)
- 3 PAVEMENT MARKING TAPE, TYPE IV 4" (30' SKIP - 10' DASH WHITE)
- 4 PAVEMENT MARKING TAPE, TYPE IV 4" (SOLID YELLOW)
- 5 PAVEMENT MARKING TAPE, TYPE IV 4" (DOUBLE SOLID YELLOW)
- 6 PAVEMENT MARKING TAPE, TYPE IV 6" (SOLID WHITE)
- 7 PAVEMENT MARKING TAPE, TYPE IV 6" (6' SKIP - 2' DASH WHITE)
- 8 PAVEMENT MARKING TAPE, TYPE IV 24" (SOLID WHITE)



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USER NAME = YPARK	DESIGNED - DP	REVISED -
DRAWN - MM	REVISOR -	
PLOT SCALE = 40,0000' / in.	CHECKED - DP	REVISOR -
PLOT DATE = 08/11/2023	DATE - 06/16/2023	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

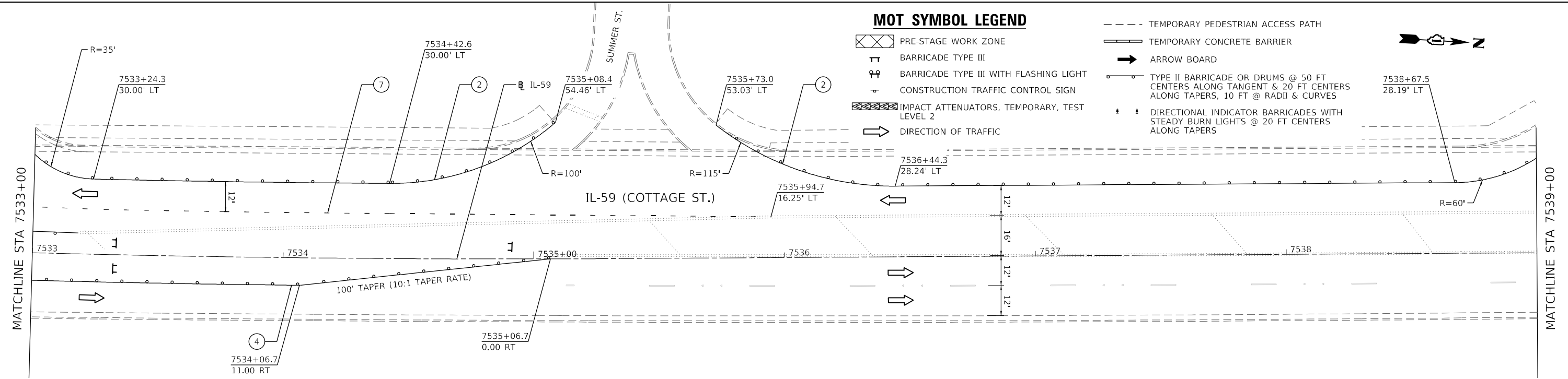
**SUGGESTED TRAFFIC CONTROL PLAN - IL-59 OVER DUPAGE RIVER
PRE STAGE**

SCALE: 1"=20' SHEET 3 OF 8 SHEETS STA. 7521+00 TO STA. 7533+00

F.A.P. RTE. 338	SECTION FAP 0338 022 BJ	COUNTY WILL	TOTAL SHEETS 50	SHEET NO. 11
CONTRACT NO. 62T09				ILLINOIS FED. AID PROJECT

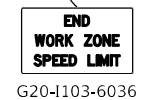
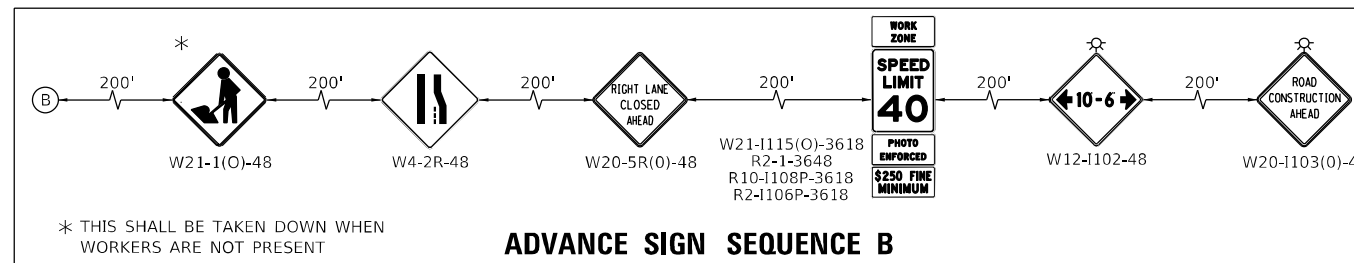
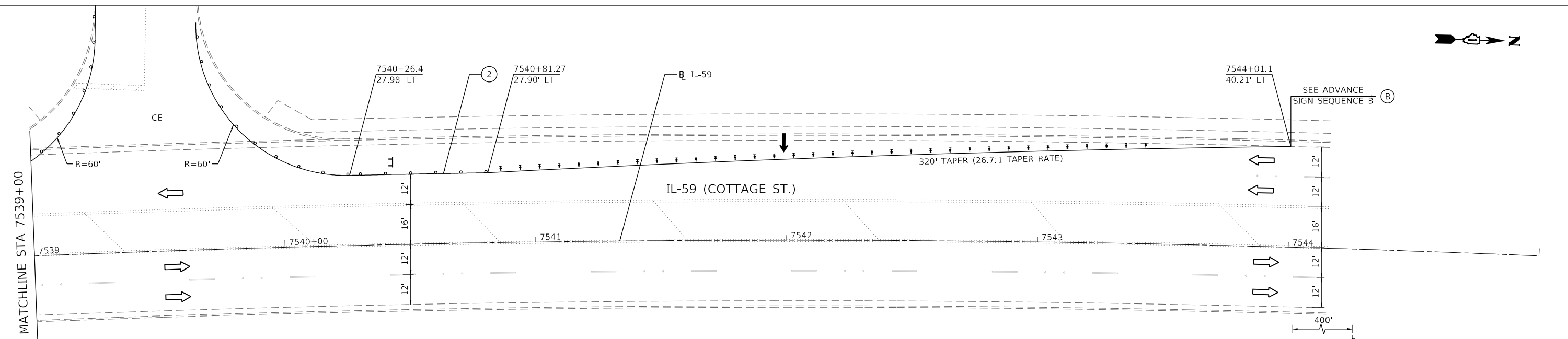
MOT SYMBOL LEGEND

- PRE-STAGE WORK ZONE
- BARRICADE TYPE III
- BARRICADE TYPE III WITH FLASHING LIGHT
- CONSTRUCTION TRAFFIC CONTROL SIGN
- IMPACT ATTENUATORS, TEMPORARY, TEST LEVEL 2
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN ACCESS PATH
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- TYPE II BARRICADE OR DRUMS @ 50 FT CENTERS ALONG TANGENT & 20 FT CENTERS ALONG TAPERS, 10 FT @ RADII & CURVES
- DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20 FT CENTERS ALONG TAPERS



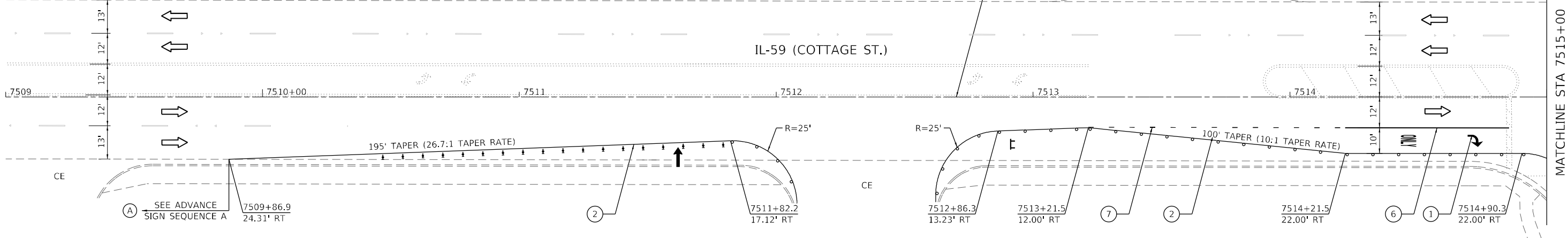
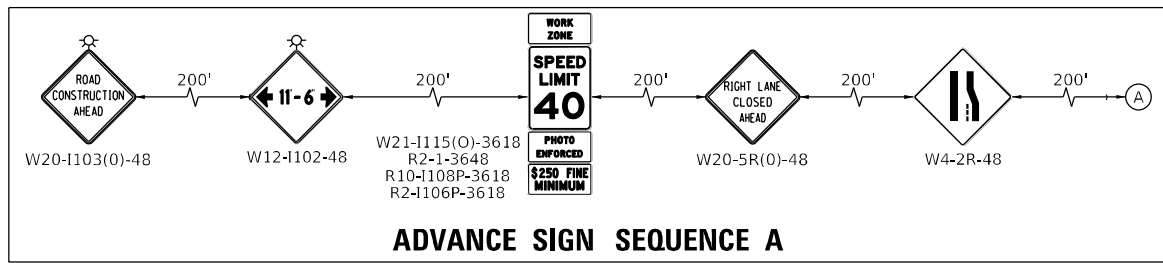
MOT PROPOSED LEGEND

- ① PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS
- ② PAVEMENT MARKING TAPE, TYPE IV 4" (SOLID WHITE)
- ③ PAVEMENT MARKING TAPE, TYPE IV 4" (30' SKIP - 10' DASH WHITE)
- ④ PAVEMENT MARKING TAPE, TYPE IV 4" (SOLID YELLOW)
- ⑤ PAVEMENT MARKING TAPE, TYPE IV 4" (DOUBLE SOLID YELLOW)
- ⑥ PAVEMENT MARKING TAPE, TYPE IV 6" (SOLID WHITE)
- ⑦ PAVEMENT MARKING TAPE, TYPE IV 6" (6' SKIP - 2' DASH WHITE)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV 24" (SOLID WHITE)



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 HDR 9450 W. BRYN MAWR AVE. ROSEMONT, IL 60018	USER NAME = YPARK	DESIGNED - DP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED TRAFFIC CONTROL PLAN - IL-59 OVER DUPAGE RIVER PRE STAGE			F.A.P. RTE. 338	SECTION FAP 0338 022 BJ	COUNTY WILL	TOTAL SHEETS 50	SHEET NO. 12
	PLOT SCALE = 40,0000' / in.	CHECKED - DP	REVISED -					CONTRACT NO. 62T09				
	PLOT DATE = 08/11/2023	DATE - 06/16/2023	REVISED -					ILLINOIS FED. AID PROJECT				
								SCALE: 1"=20'	SHEET 4 OF 8 SHEETS	STA. 7533+00 TO STA. 7545+00		



MOT PROPOSED LEGEND

- ① PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS
- ② PAVEMENT MARKING TAPE, TYPE IV 4" (SOLID WHITE)
- ③ PAVEMENT MARKING TAPE, TYPE IV 4" (30' SKIP - 10' DASH WHITE)
- ④ PAVEMENT MARKING TAPE, TYPE IV 4" (SOLID YELLOW)
- ⑤ PAVEMENT MARKING TAPE, TYPE IV 4" (DOUBLE SOLID YELLOW)
- ⑥ PAVEMENT MARKING TAPE, TYPE IV 6" (SOLID WHITE)
- ⑦ PAVEMENT MARKING TAPE, TYPE IV 6" (6' SKIP - 2' DASH WHITE)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV 24" (SOLID WHITE)

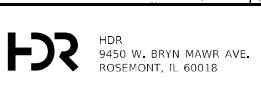
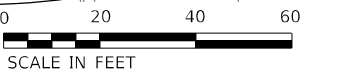
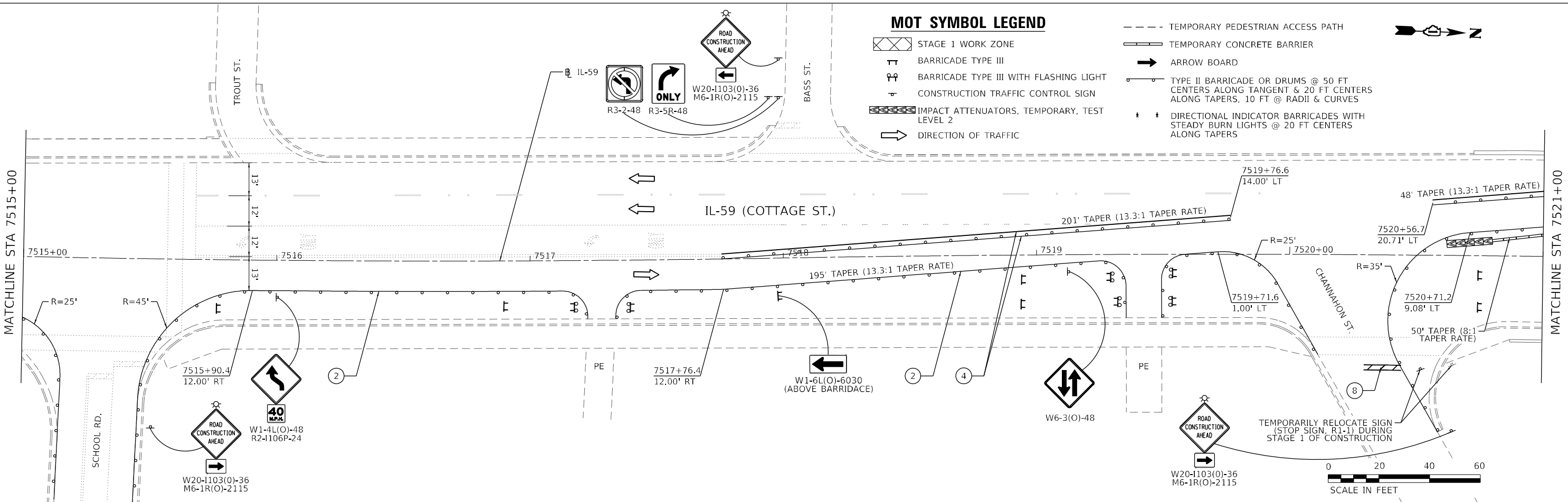
MOT EXISTING LEGEND

- Ⓐ PAVEMENT MARKING LINE FROM PREVIOUS STAGE TO REMAIN



MOT SYMBOL LEGEND

- ⊠ STAGE 1 WORK ZONE
- ⊠ BARRICADE TYPE III
- ⊠ BARRICADE TYPE III WITH FLASHING LIGHT
- ⊠ CONSTRUCTION TRAFFIC CONTROL SIGN
- ⊠ IMPACT ATTENUATORS, TEMPORARY, TEST LEVEL 2
- ➔ DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN ACCESS PATH
- TEMPORARY CONCRETE BARRIER
- ➔ ARROW BOARD
- TYPE II BARRICADE OR DRUMS @ 50 FT CENTERS ALONG TANGENT & 20 FT CENTERS ALONG TAPERS, 10 FT @ RADII & CURVES
- ⊠ DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20 FT CENTERS ALONG TAPERS



USER NAME = YPARK	DESIGNED - DP	REVISED -
DRAWN - MM	REVISED -	
CHECKED - DP	REVISED -	
DATE - 06/16/2023	REVISED -	

DESIGNED - DP	REVISED -
DRAWN - MM	REVISED -
CHECKED - DP	REVISED -
DATE - 06/16/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL PLAN - IL-59 OVER DUPAGE RIVER
STAGE 1**

SCALE: 1"=20' SHEET 5 OF 8 SHEETS STA. 7509+00 TO STA. 7521+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 0338 022 BJ	WILL	50	13
CONTRACT NO. 62T09				
ILLINOIS FED. AID PROJECT				

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NOTE 1: PEDESTRIAN ACCESS SHALL BE MAINTAINED AT ALL TIMES ACROSS THE BRIDGE ON THE EXISTING SIDEWALK. UTILIZE THE SIDEWALK DIVERSION DETAIL IN STANDARD 701801, WITH SIDEWALK RAMPS, TO DIRECT PEDESTRIANS AROUND PROPOSED SIDEWALK WORK AS SHOWN. PROPOSED SIDEWALK REMOVAL AND RECONSTRUCTION SHALL OCCUR PRIOR TO BRIDGE DECK SCARIFICATION.

MOT SYMBOL LEGEND

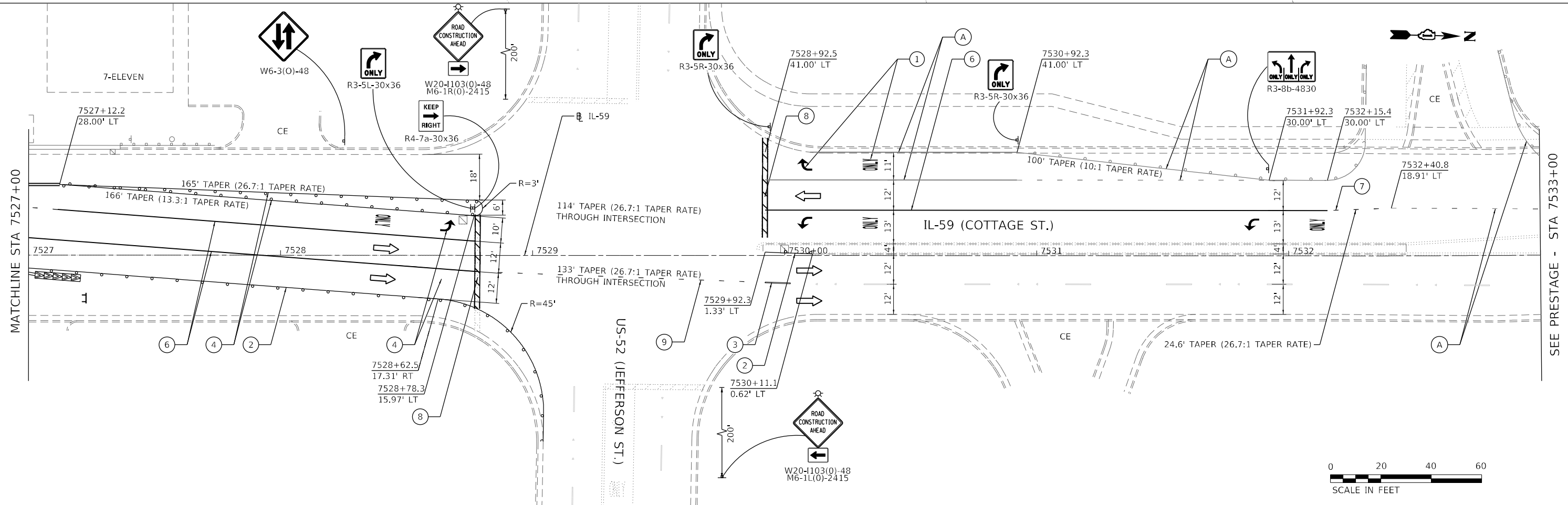
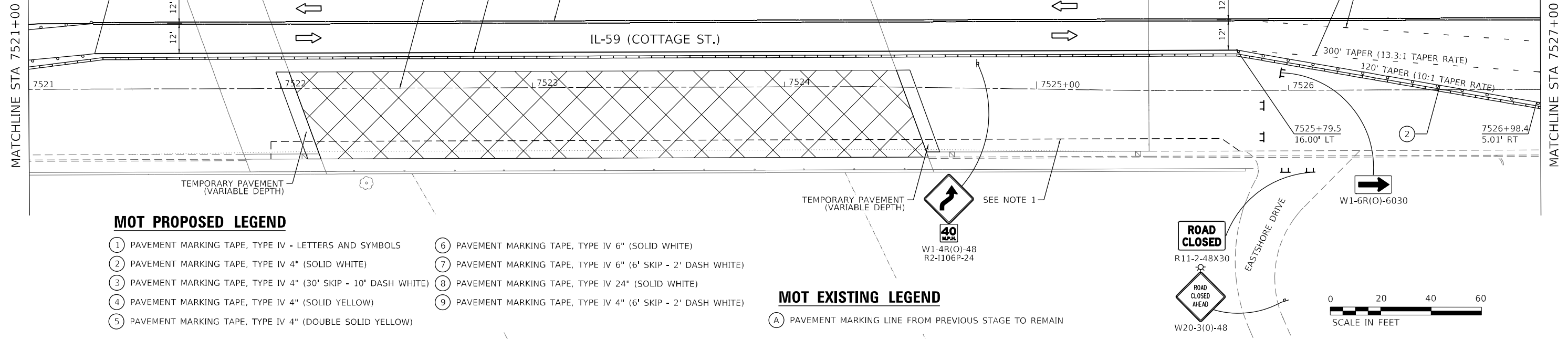
- ▣ STAGE 1 WORK ZONE
- ⚡ BARRICADE TYPE III
- ⚡ BARRICADE TYPE III WITH FLASHING LIGHT
- ⚡ CONSTRUCTION TRAFFIC CONTROL SIGN
- ▨ IMPACT ATTENUATORS, TEMPORARY, TEST LEVEL 2
- ➡ DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN ACCESS PATH
- ▬ TEMPORARY CONCRETE BARRIER
- ➡ ARROW BOARD
- TYPE II BARRICADE OR DRUMS @ 50 FT CENTERS ALONG TANGENT & 20 FT CENTERS ALONG TAPERS, 10 FT @ RADII & CURVES
- ⚡ DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20 FT CENTERS ALONG TAPERS

MOT PROPOSED LEGEND

- ① PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS
- ② PAVEMENT MARKING TAPE, TYPE IV 4" (SOLID WHITE)
- ③ PAVEMENT MARKING TAPE, TYPE IV 4" (30' SKIP - 10' DASH WHITE)
- ④ PAVEMENT MARKING TAPE, TYPE IV 4" (SOLID YELLOW)
- ⑤ PAVEMENT MARKING TAPE, TYPE IV 4" (DOUBLE SOLID YELLOW)
- ⑥ PAVEMENT MARKING TAPE, TYPE IV 6" (SOLID WHITE)
- ⑦ PAVEMENT MARKING TAPE, TYPE IV 6" (6' SKIP - 2' DASH WHITE)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV 24" (SOLID WHITE)
- ⑨ PAVEMENT MARKING TAPE, TYPE IV 4" (6' SKIP - 2' DASH WHITE)

MOT EXISTING LEGEND

- Ⓐ PAVEMENT MARKING LINE FROM PREVIOUS STAGE TO REMAIN



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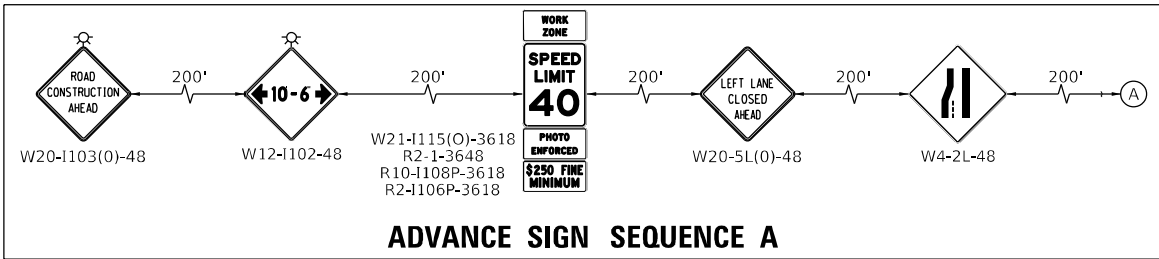
HDR
 HDR
 9450 W. BRYN MAWR AVE.
 ROSEMONT, IL 60018

USER NAME = YPARK	DESIGNED - DP	REVISED -
DRAWN - MM	REVISED -	REVISED -
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DATE - 06/16/2023	REVISED -	REVISED -

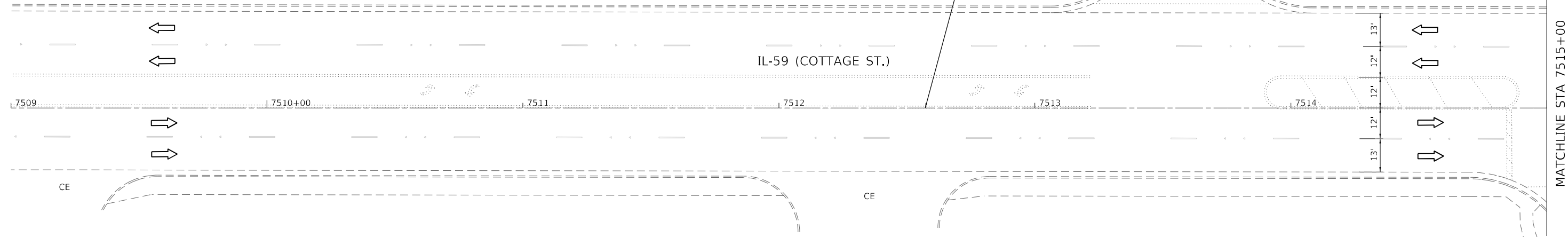
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED TRAFFIC CONTROL PLAN - IL-59 OVER DUPAGE RIVER			
STAGE 1			
SCALE: 1"=20'	SHEET 6 OF 8 SHEETS	STA. 7521+00 TO STA. 7533+00	

F.A.P. RTE. 338	SECTION FAP 0338 022 BJ	COUNTY WILL	TOTAL SHEETS 50	SHEET NO. 14
CONTRACT NO. 62T09				ILLINOIS FED. AID PROJECT



ADVANCE SIGN SEQUENCE A



MOT PROPOSED LEGEND

- ① PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS
- ② PAVEMENT MARKING TAPE, TYPE IV 4" (SOLID WHITE)
- ③ PAVEMENT MARKING TAPE, TYPE IV 4" (30' SKIP - 10' DASH WHITE)
- ④ PAVEMENT MARKING TAPE, TYPE IV 4" (SOLID YELLOW)
- ⑤ PAVEMENT MARKING TAPE, TYPE IV 4" (DOUBLE SOLID YELLOW)
- ⑥ PAVEMENT MARKING TAPE, TYPE IV 6" (SOLID WHITE)
- ⑦ PAVEMENT MARKING TAPE, TYPE IV 6" (6' SKIP - 2' DASH WHITE)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV 24" (SOLID WHITE)

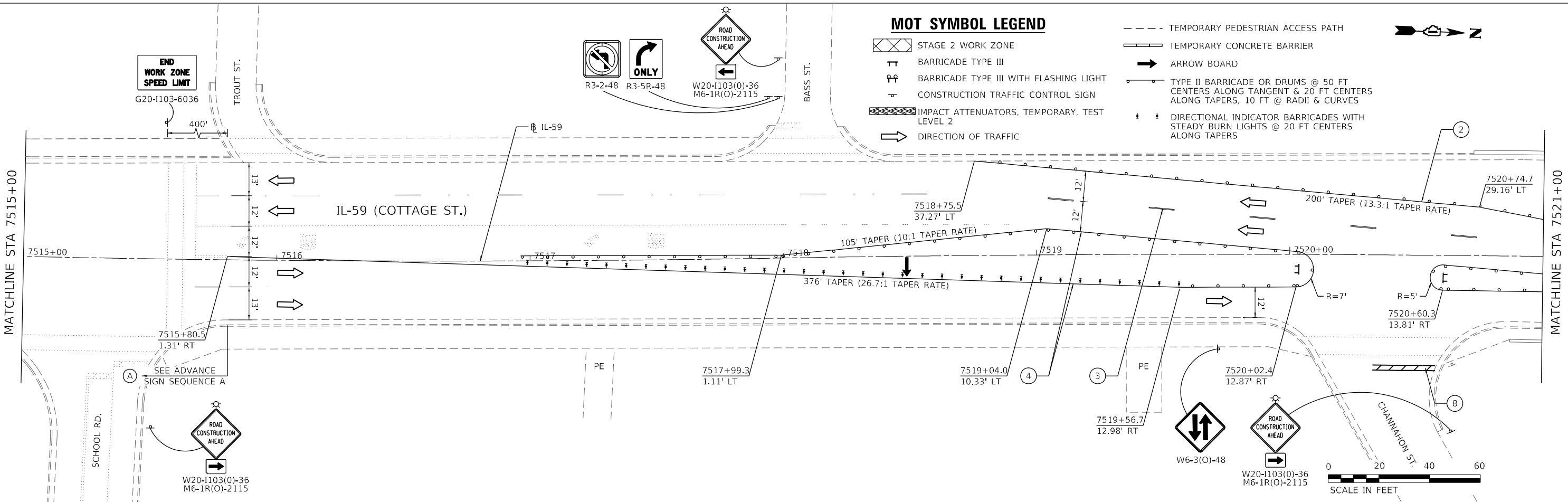
MOT EXISTING LEGEND

- Ⓐ PAVEMENT MARKING LINE FROM PREVIOUS STAGE TO REMAIN

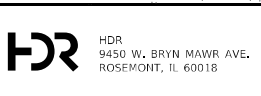


MOT SYMBOL LEGEND

- STAGE 2 WORK ZONE
- BARRICADE TYPE III
- BARRICADE TYPE III WITH FLASHING LIGHT
- CONSTRUCTION TRAFFIC CONTROL SIGN
- IMPACT ATTENUATORS, TEMPORARY, TEST LEVEL 2
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN ACCESS PATH
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- TYPE II BARRICADE OR DRUMS @ 50 FT CENTERS ALONG TANGENT & 20 FT CENTERS ALONG TAPERS, 10 FT @ RADII & CURVES
- DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20 FT CENTERS ALONG TAPERS



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 PLOT DATE: 08/11/2023



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 DESIGNED - DP
 DRAWN - MM
 CHECKED - DP
 DATE - 06/16/2023
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 PLOT DATE = 08/11/2023

DESIGNED - DP
 DRAWN - MM
 CHECKED - DP
 DATE - 06/16/2023
 REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL PLAN - IL-59 OVER DUPAGE RIVER
STAGE 2**

SCALE: 1"=20' SHEET 7 OF 8 SHEETS STA. 7509+00 TO STA. 7521+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 0338 022 BJ	WILL	50	15
CONTRACT NO. 62T09				
ILLINOIS FED. AID PROJECT				

MOT SYMBOL LEGEND

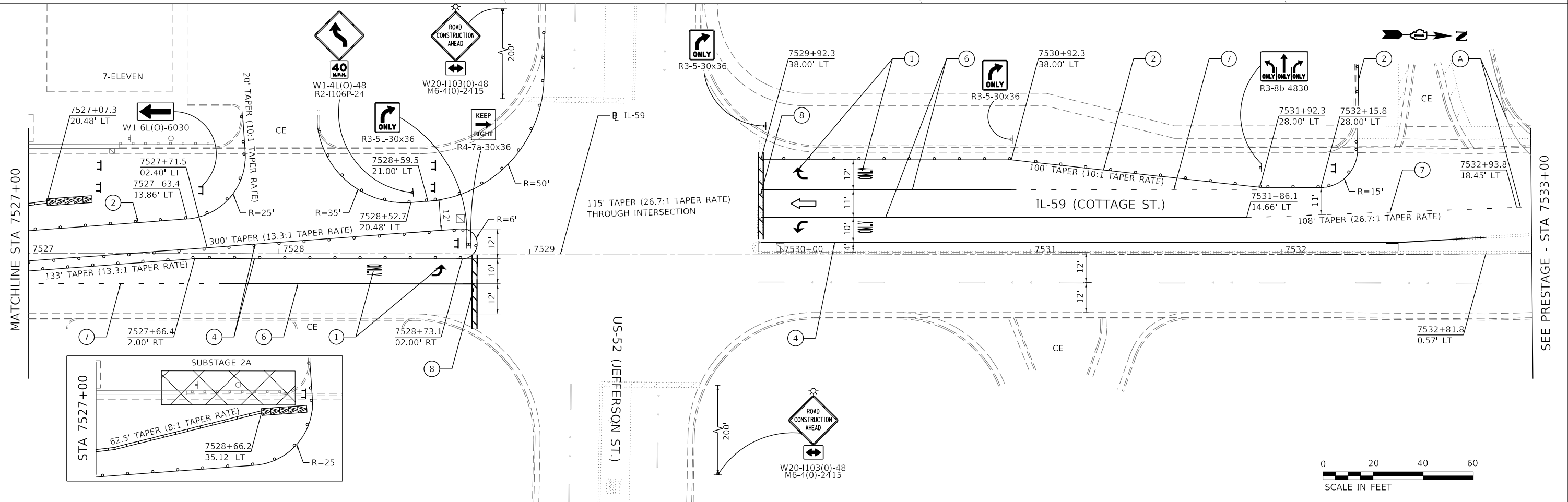
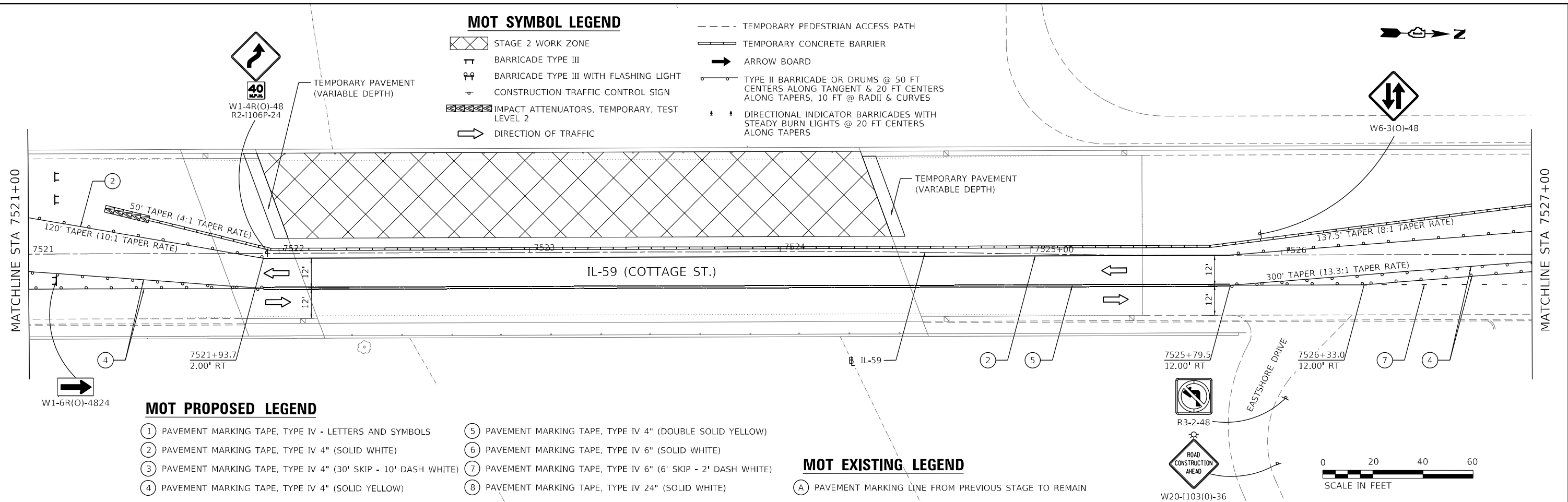
- STAGE 2 WORK ZONE
- BARRICADE TYPE III
- BARRICADE TYPE III WITH FLASHING LIGHT
- CONSTRUCTION TRAFFIC CONTROL SIGN
- IMPACT ATTENUATORS, TEMPORARY, TEST LEVEL 2
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN ACCESS PATH
- TEMPORARY CONCRETE BARRIER
- ARROW BOARD
- TYPE II BARRICADE OR DRUMS @ 50 FT CENTERS ALONG TANGENT & 20 FT CENTERS ALONG TAPERS, 10 FT @ RADII & CURVES
- DIRECTIONAL INDICATOR BARRICADES WITH STEADY BURN LIGHTS @ 20 FT CENTERS ALONG TAPERS

MOT PROPOSED LEGEND

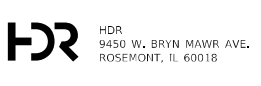
- ① PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS
- ② PAVEMENT MARKING TAPE, TYPE IV 4" (SOLID WHITE)
- ③ PAVEMENT MARKING TAPE, TYPE IV 4" (30' SKIP - 10' DASH WHITE)
- ④ PAVEMENT MARKING TAPE, TYPE IV 4" (SOLID YELLOW)
- ⑤ PAVEMENT MARKING TAPE, TYPE IV 4" (DOUBLE SOLID YELLOW)
- ⑥ PAVEMENT MARKING TAPE, TYPE IV 6" (SOLID WHITE)
- ⑦ PAVEMENT MARKING TAPE, TYPE IV 6" (6' SKIP - 2' DASH WHITE)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV 24" (SOLID WHITE)

MOT EXISTING LEGEND

- Ⓐ PAVEMENT MARKING LINE FROM PREVIOUS STAGE TO REMAIN



MODEL: Default; FILE NAME: p:\projects\roadwork\mot\mot_s08.dwg; USER: jpark; DATE: 08/11/2023; PROJECT: IL-59 OVER DUPAGE RIVER; SHEET: 8 OF 8; CONTRACT NO. 62T09



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DRAWN - MM	REVISOR -	
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PLOT DATE = 08/11/2023	DATE - 06/16/2023	REVISOR -






**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

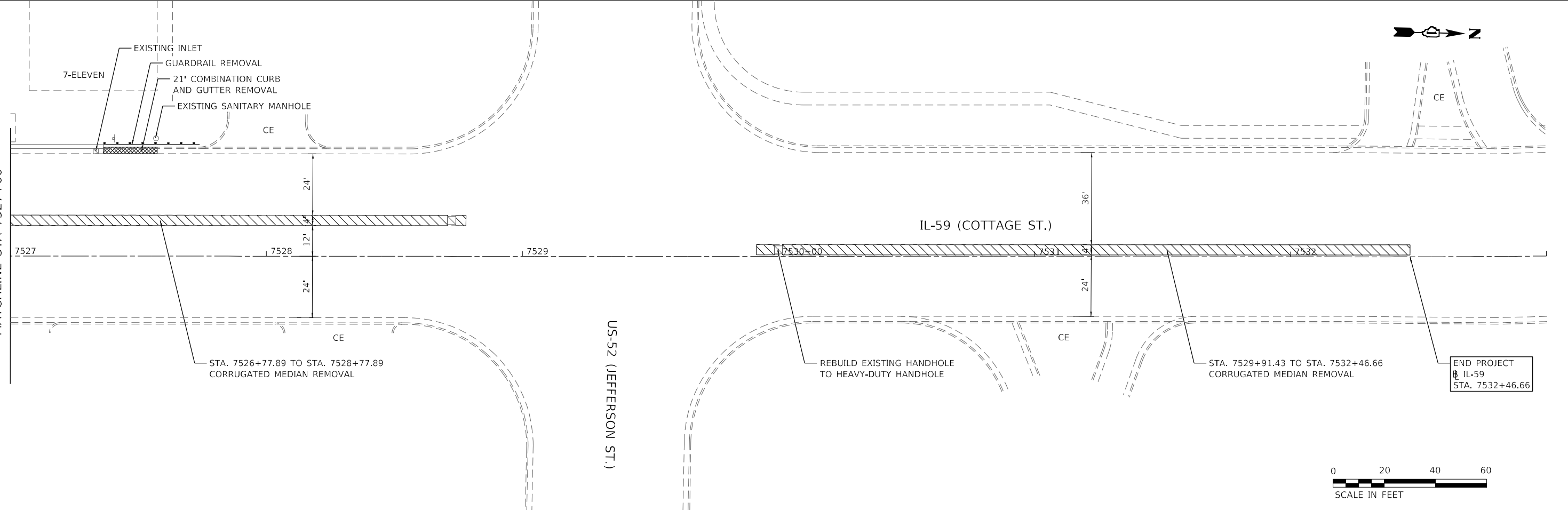
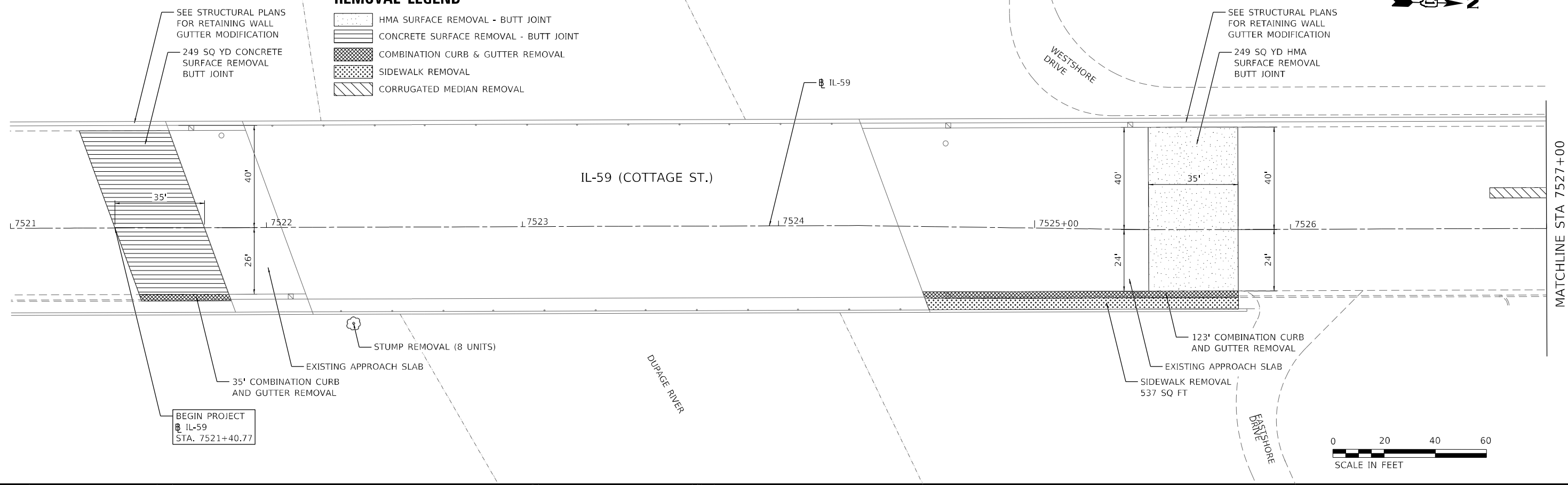
**SUGGESTED TRAFFIC CONTROL PLAN - IL-59 OVER DUPAGE RIVER
STAGE 2**

SCALE: 1"=20' SHEET 8 OF 8 SHEETS STA. 7521+00 TO STA. 7533+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 0338 022 BJ	WILL	50	16
CONTRACT NO. 62T09				
ILLINOIS FED. AID PROJECT				

REMOVAL LEGEND

-  HMA SURFACE REMOVAL - BUTT JOINT
-  CONCRETE SURFACE REMOVAL - BUTT JOINT
-  COMBINATION CURB & GUTTER REMOVAL
-  SIDEWALK REMOVAL
-  CORRUGATED MEDIAN REMOVAL



MODEL: D:\hdr\p\supp\housesc001\h01\US_Central_01\Drawings\1\DOT\DOT_Plan_II_Serv_Verious_TO_199-15\DOT_PTB_199-15_TO17_IL5916_0_CAD_BIM62_VIP162_3_CADD_SheetRoadwayRemoval.dgn



USER NAME = RAZEVEDO	DESIGNED - DP	REVISED -
DRAWN - RA	REVISED -	
CHECKED - DP	REVISED -	
DATE - 06/16/2023	REVISED -	

DESIGNED - DP	REVISED -
DRAWN - RA	REVISED -
CHECKED - DP	REVISED -
DATE - 06/16/2023	REVISED -

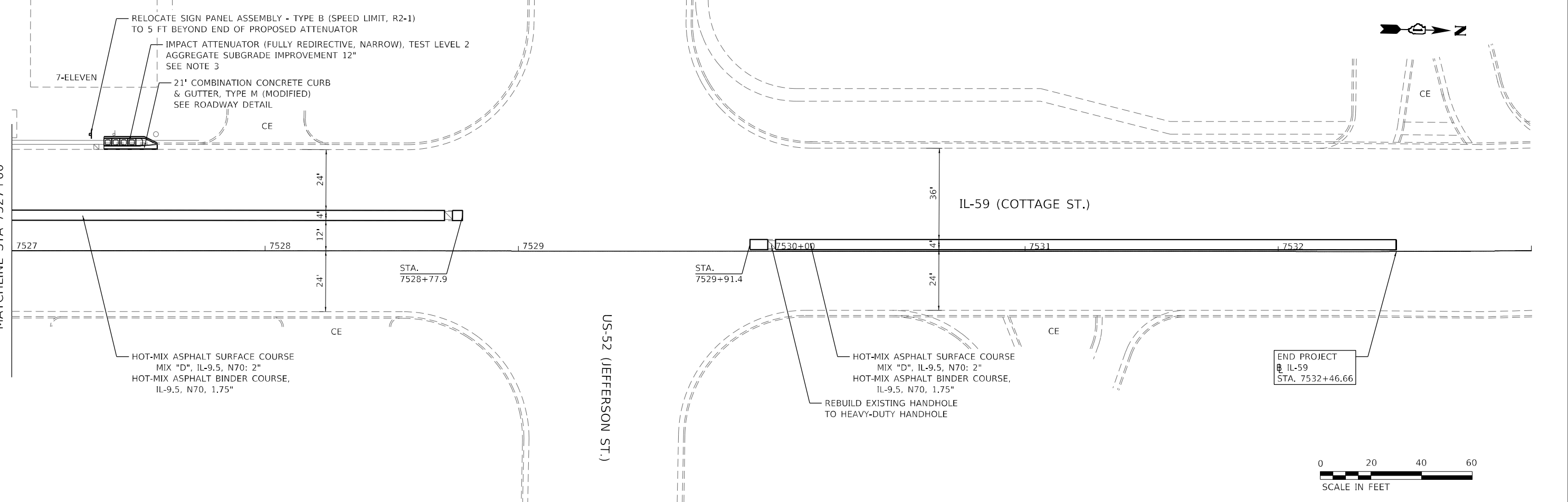
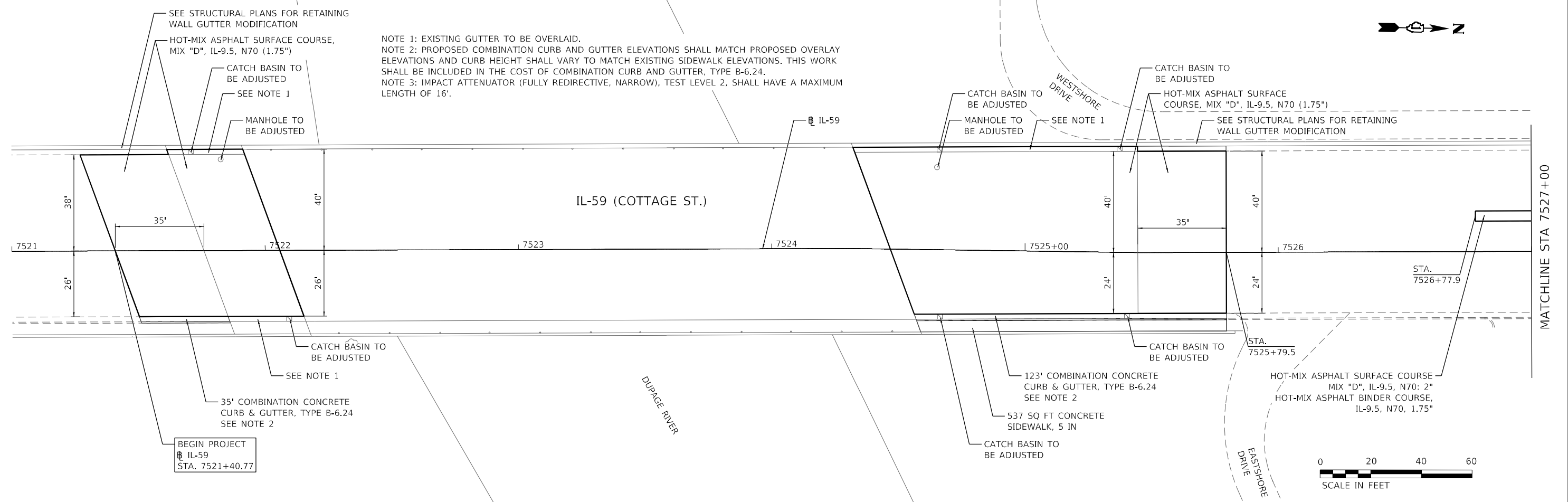
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY REMOVAL PLAN
IL-59 OVER DUPAGE RIVER**

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 7521+00 TO STA. 7533+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	0338-022-BJ	WILL	50	17
CONTRACT NO. 62T09				
ILLINOIS FED. AID PROJECT				

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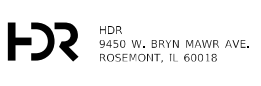
NOTE 1: EXISTING GUTTER TO BE OVERLAID.
 NOTE 2: PROPOSED COMBINATION CURB AND GUTTER ELEVATIONS SHALL MATCH PROPOSED OVERLAY ELEVATIONS AND CURB HEIGHT SHALL VARY TO MATCH EXISTING SIDEWALK ELEVATIONS. THIS WORK SHALL BE INCLUDED IN THE COST OF COMBINATION CURB AND GUTTER, TYPE B-6.24.
 NOTE 3: IMPACT ATTENUATOR (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2, SHALL HAVE A MAXIMUM LENGTH OF 16'.

SEE STRUCTURAL PLANS FOR RETAINING WALL GUTTER MODIFICATION
 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 (1.75")
 CATCH BASIN TO BE ADJUSTED
 SEE NOTE 1
 MANHOLE TO BE ADJUSTED

CATCH BASIN TO BE ADJUSTED
 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 (1.75")
 SEE STRUCTURAL PLANS FOR RETAINING WALL GUTTER MODIFICATION

BEGIN PROJECT
 IL-59
 STA. 7521+40.77

END PROJECT
 IL-59
 STA. 7532+46.66



USER NAME = YPARK	DESIGNED - DP	REVISED -
DRAWN - RA	REVISED -	REVISED -
CHECKED - DP	REVISED -	REVISED -
DATE - 06/16/2023	REVISED -	

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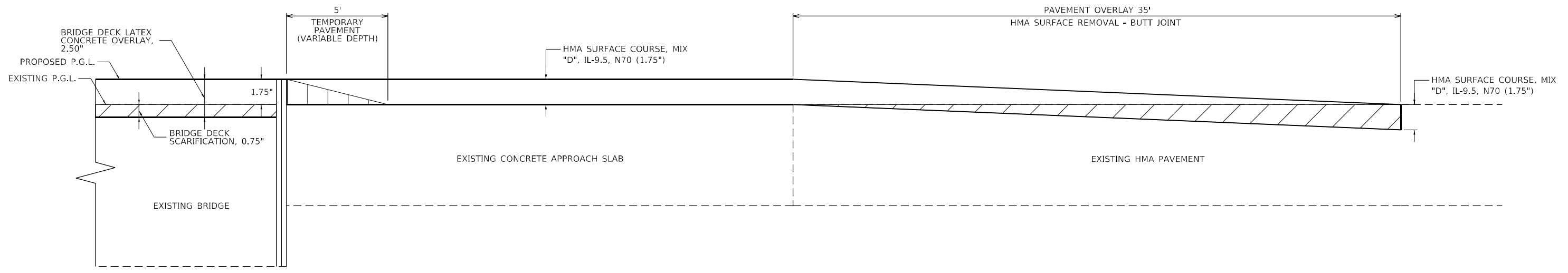
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ROADWAY PROPOSED PLAN
 IL-59 OVER DUPAGE RIVER

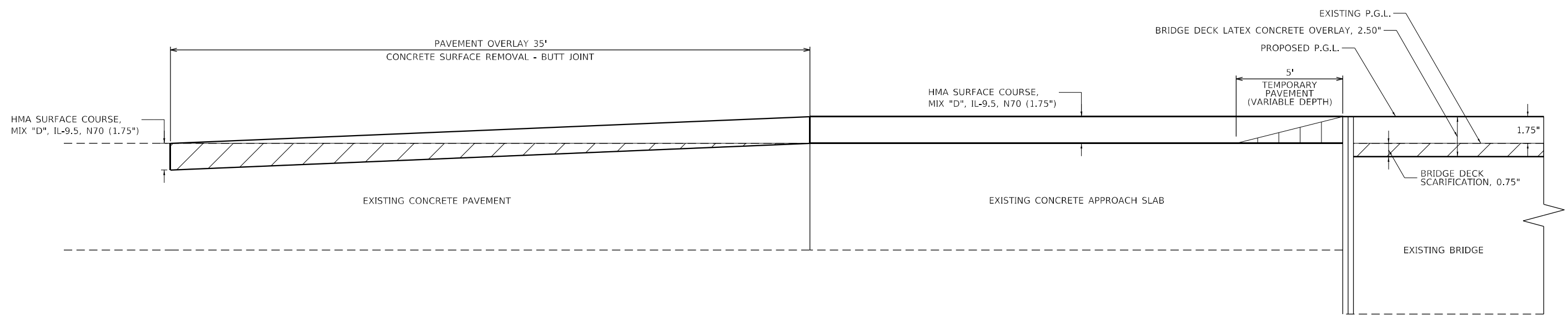
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 0338 022 BJ	WILL	50	18
CONTRACT NO. 62T09				
ILLINOIS FED. AID PROJECT				

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PAVEMENT OVERLAY DETAIL
 STA. 7524+46.81 TO STA. 7525+79.54



PAVEMENT OVERLAY DETAIL
 STA. 7521+40.76 TO STA. 7522+05.77



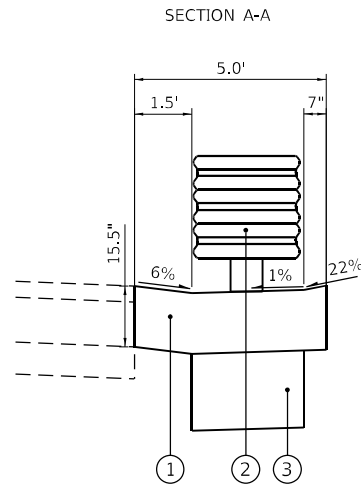
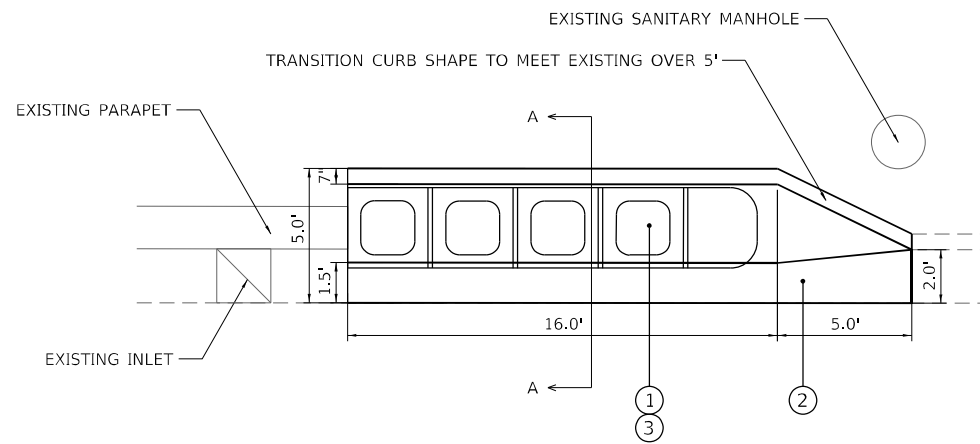
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS
 IL-59 OVER DUPAGE RIVER**

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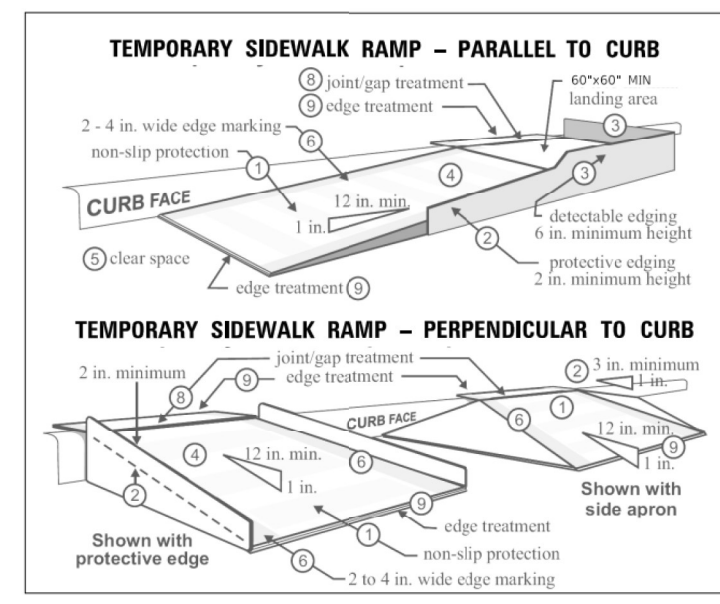
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T09	



PROPOSED LEGEND

- ① COMBINATION CONCRETE CURB AND GUTTER, TYPE M (MODIFIED)
- ② IMPACT ATTENUATOR (FULLY REDIRECTIVE, NARROW) TEST LEVEL 2
- ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"

CURB AND GUTTER (MODIFIED) DETAIL



(FIGURE FROM MnDOT TPAR)

CONSTRUCTION REQUIREMENTS:

THIS WORK SHALL BE ACCORDANCE TO STANDARD 701801-06. TEMPORARY RAMPS TO MAINTAIN ACCESS SHALL BE COMPLAINT WITH THE ADA REQUIREMENTS AND SHALL BE USED AT LOCATIONS TO MAINTAIN A MINIMUM OF ONE ADA COMPLAINT PEDESTRIAN ACCESS PATH AROUND CONSTRUCTION ACTIVITIES AT ALL TIMES.

1. TRAFFIC CONTROL DEVICES USED ADJACENT TO PEDESTRIAN ACCESS PATHS FOR CHANNELIZING PEDESTRIANS SHALL BE ADA COMPLAINT WITH A BOTTOM EDGE AT LEAST 6 INCHES HIGH FROM THE WALKWAY AND A CONTINUOUS RAIL OR SURFACE AT 3 FEET ABOUT THE WALKWAY.
2. CURB RAMPS SHALL BE 8 FEET MINIMUM WIDTH WITH A FIRM, STABLE AND NON-SLIP SURFACE.
3. PROTECTIVE EDGING WITH A 2 IN. MINIMUM HEIGHT SHALL BE INSTALLED WHEN THE CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6 IN. OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3 INCHES OR MORE.
4. DETECTABLE EDGING WITH 6-INCH MINIMUM HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
5. CURB RAMPS AND LANDINGS SHOULD HAVE A 1:50 (2%) MAX CROSS-SLOPE. CLEAR SPACE OF 5 FT. X 5 FT. MINIMUM SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
7. THE CURB RAMP WALKWAY EDGE SHALL BE MARKED WITH A CONTRASTING COLOR 2 TO 4 INCHES WIDE MARKING. THE MARKING IS OPTIONAL WHERE COLOR CONTRASTING EDGING IS USED.
8. WATER FLOW IN THE GUTTER SYSTEM SHALL HAVE MINIMAL RESTRICTION.
9. LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN 0.5-INCH WIDTH.
10. CHANGES BETWEEN SURFACE HEIGHTS SHOULD NOT EXCEED 0.5 INCH. LATERAL EDGES SHOULD BE VERTICAL UP TO 0.25-INCH-HIGH AND BEVELED AT 1:2 BETWEEN 0.25 INCH AND 0.5 INCH HEIGHT.

TEMPORARY SIDEWALK RAMP DETAIL

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	DRAWN - RA	REVISED -
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PLOT DATE = 06/15/2023	DATE - 06/16/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

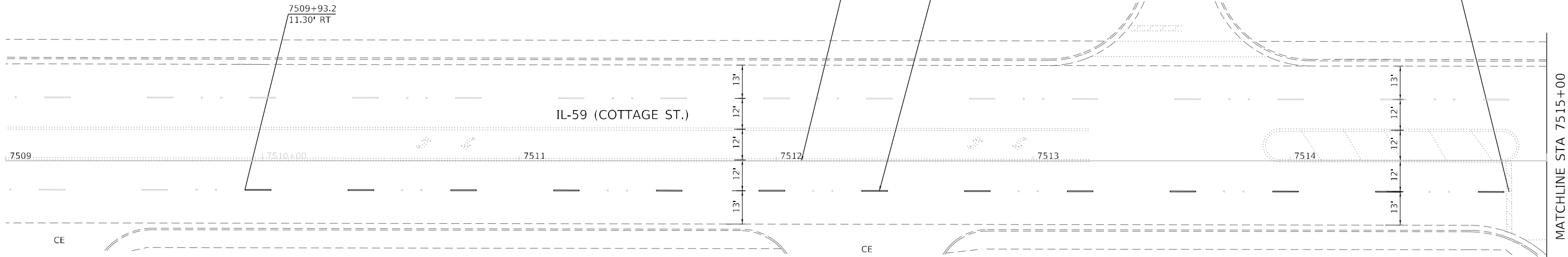
**CONSTRUCTION DETAILS
IL-59 OVER DUPAGE RIVER**

SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62T09				
ILLINOIS FED. AID PROJECT				

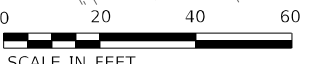
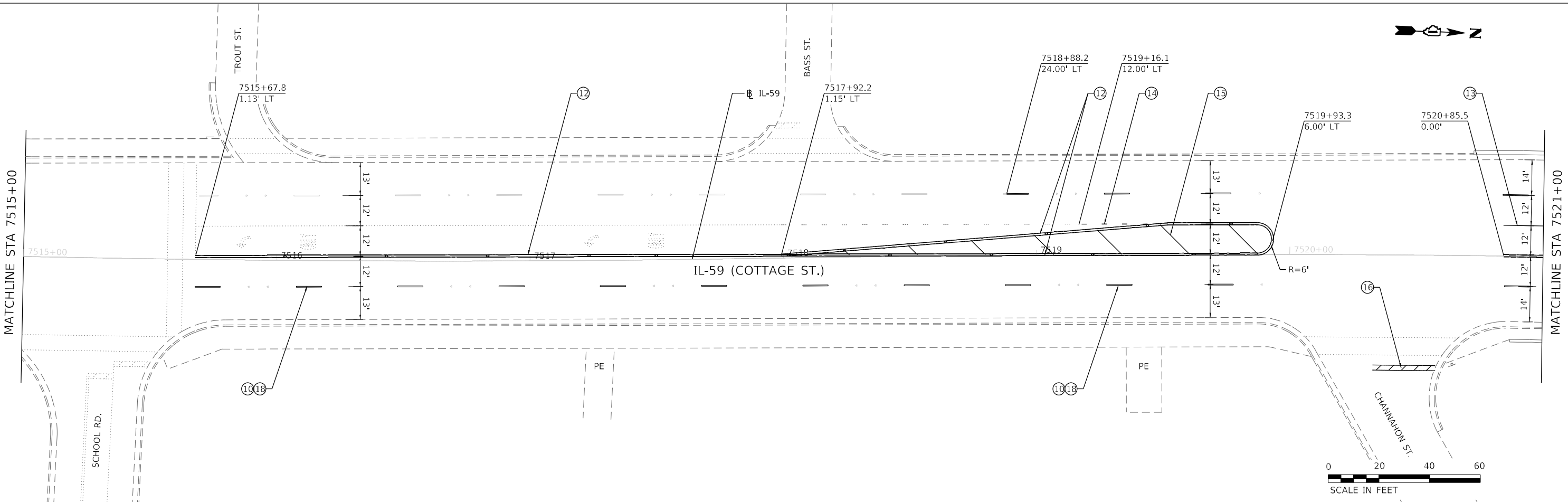
PAVEMENT MARKING NOTES:

- 1. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO D1 STANDARD TC-13.
- 2. ALL RRPMS SHALL BE INSTALLED ACCORDING TO D1 STANDARD TC-11.



LEGEND

- | | | |
|---|--|---|
| <ul style="list-style-type: none"> ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS ② THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE (10' DASH - 30' SKIP WITH RRPMS 80' O.C.) ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE (SOLID) ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4", YELLOW (DOUBLE SOLID WITH RRPMS 40' O.C.) ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE (SOLID) ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE (6' SKIP - 2' DASH) | <ul style="list-style-type: none"> ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12", YELLOW (SOLID 45° DIAGONAL 75' O.C.) ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 24", WHITE (SOLID) ⑨ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 7" (4" WHITE OVER 7" BLACK) (10' DASH - 30' SKIP) ⑪ MODIFIED URETHANE PAVEMENT MARKING - LINE 4", WHITE (SOLID) ⑫ MODIFIED URETHANE PAVEMENT MARKING - LINE 4", YELLOW (DOUBLE SOLID) | <ul style="list-style-type: none"> ⑬ MODIFIED URETHANE PAVEMENT MARKING - LINE 6", WHITE (SOLID) ⑭ MODIFIED URETHANE PAVEMENT MARKING - LINE 6", WHITE (6' SKIP - 2' DASH) ⑮ MODIFIED URETHANE PAVEMENT MARKING - LINE 12", YELLOW (SOLID 45° DIAGONAL 75' O.C.) ⑯ MODIFIED URETHANE PAVEMENT MARKING - LINE 24", WHITE (SOLID) ⑰ RAISED REFLECTIVE PAVEMENT MARKER ⑱ GROOVING FOR RECESSED PAVEMENT MARKING 8" |
|---|--|---|



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USER NAME = YPARK	DESIGNED - DP	REVISED -
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PLOT DATE = 08/11/2023	DATE - 12/9/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

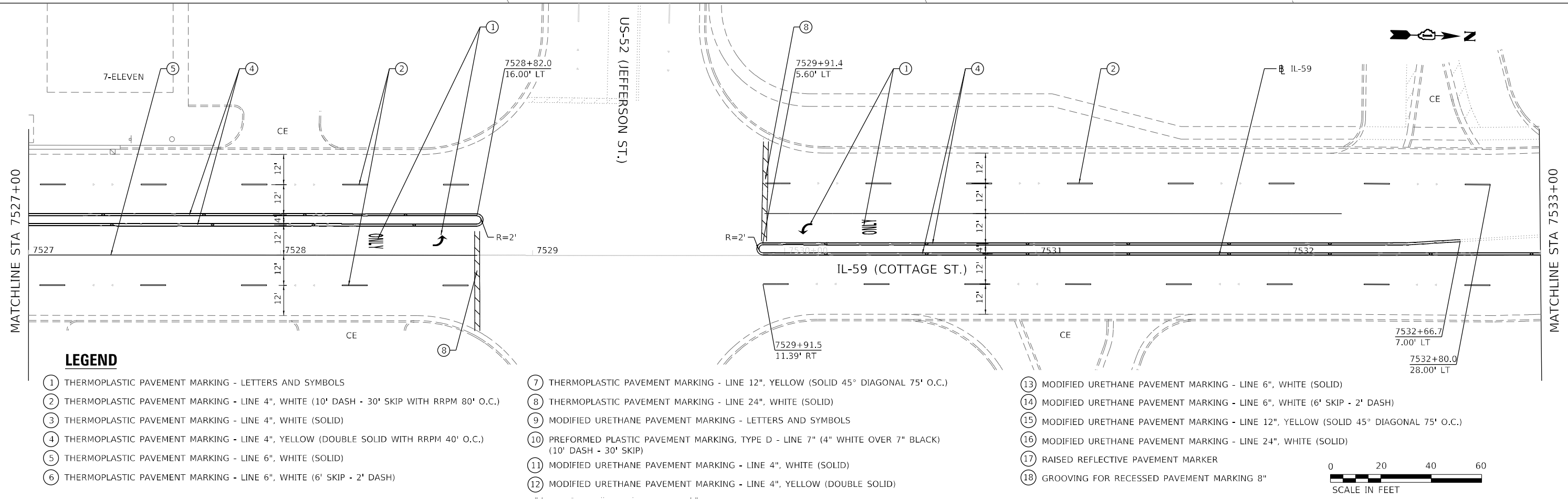
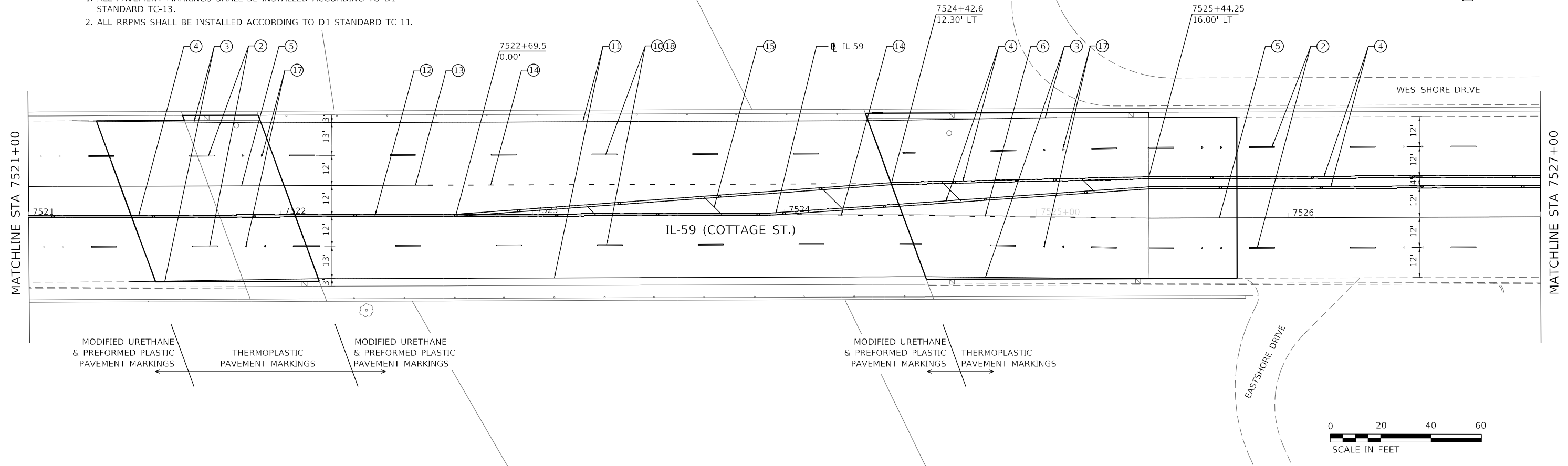
PAVEMENT MARKING PLAN
IL-59

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 7509+00 TO STA. 7521+00

F.A.P. RTE. 338	SECTION FAP 0338 022 BJ	COUNTY WILL	TOTAL SHEETS 50	SHEET NO. 21
				CONTRACT NO. 62T09
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING NOTES:

1. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO D1 STANDARD TC-13.
2. ALL RRPMS SHALL BE INSTALLED ACCORDING TO D1 STANDARD TC-11.



LEGEND

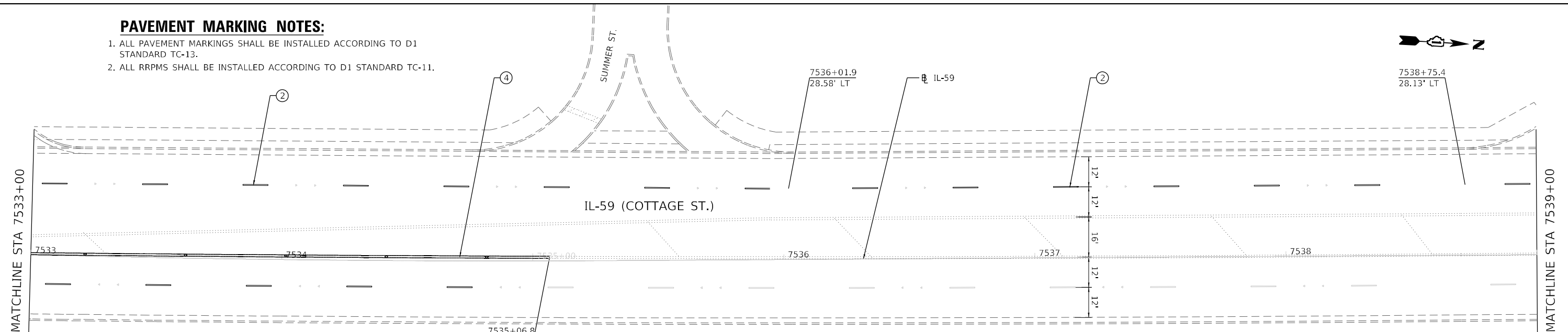
- | | | |
|---|---|---|
| ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS | ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12", YELLOW (SOLID 45° DIAGONAL 75' O.C.) | ⑬ MODIFIED URETHANE PAVEMENT MARKING - LINE 6", WHITE (SOLID) |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE (10' DASH - 30' SKIP WITH RRPMS 80' O.C.) | ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 24", WHITE (SOLID) | ⑭ MODIFIED URETHANE PAVEMENT MARKING - LINE 6", WHITE (6' SKIP - 2' DASH) |
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| ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4", YELLOW (DOUBLE SOLID WITH RRPMS 40' O.C.) | ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 7" (4" WHITE OVER 7" BLACK) (10' DASH - 30' SKIP) | ⑯ MODIFIED URETHANE PAVEMENT MARKING - LINE 24", WHITE (SOLID) |
| ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE (SOLID) | ⑪ MODIFIED URETHANE PAVEMENT MARKING - LINE 4", WHITE (SOLID) | ⑰ RAISED REFLECTIVE PAVEMENT MARKER |
| ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE (6' SKIP - 2' DASH) | ⑫ MODIFIED URETHANE PAVEMENT MARKING - LINE 4", YELLOW (DOUBLE SOLID) | ⑱ GROOVING FOR RECESSED PAVEMENT MARKING 8" |

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	PLOT SCALE = 40,0000' / in. PLOT DATE = 08/11/2023		SCALE: 1"=20'		SHEET 2 OF 3 SHEETS STA. 7521+00 TO STA. 7533+00	

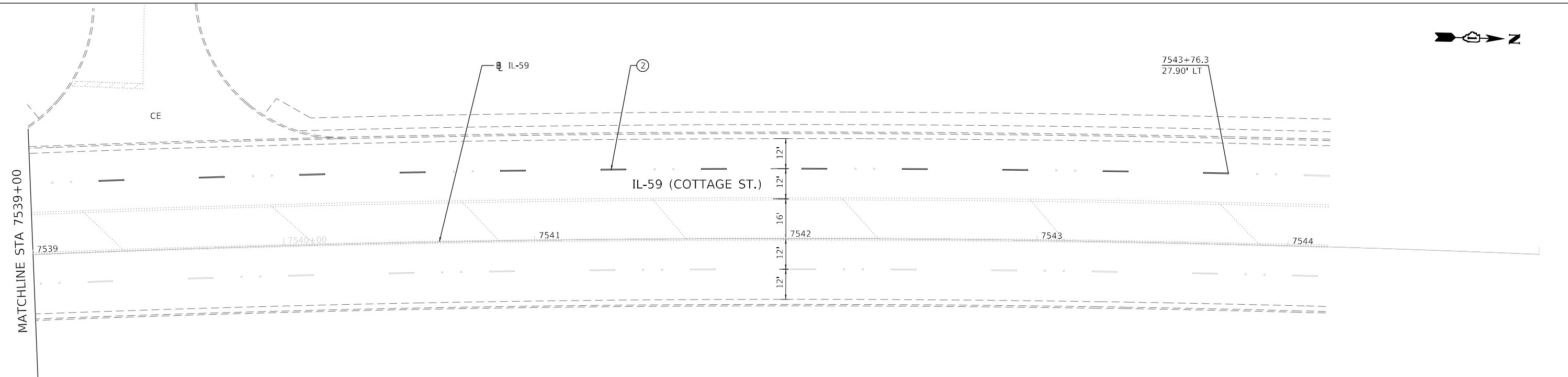
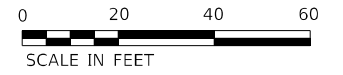
PAVEMENT MARKING NOTES:

- 1. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO D1 STANDARD TC-13.
- 2. ALL RRPMS SHALL BE INSTALLED ACCORDING TO D1 STANDARD TC-11.



LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE (10' DASH - 30' SKIP WITH RRPMS 80' O.C.)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE (SOLID)
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- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE (SOLID)
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- ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 7" (4" WHITE OVER 7" BLACK) (10' DASH - 30' SKIP)
- ⑪ MODIFIED URETHANE PAVEMENT MARKING - LINE 4", WHITE (SOLID)
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- ⑯ MODIFIED URETHANE PAVEMENT MARKING - LINE 24", WHITE (SOLID)
- ⑰ RAISED REFLECTIVE PAVEMENT MARKER
- ⑱ GROOVING FOR RECESSED PAVEMENT MARKING 8"



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HDR
9450 W. BRYN MAWR AVE.
ROSEMONT, IL 60018

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PLOT DATE = 08/11/2023	DATE - 12/9/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
IL-59**

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 7533+00 TO STA. 7545+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 0338 022 BJ	WILL	50	23
CONTRACT NO. 62T09				
ILLINOIS FED. AID PROJECT				

Existing Structure: S.N. 099-0284 Built in 1991 and repaired in 2009 is a 4 lane, 4 span concrete I-beam bridge with an out to out of 75'-7" and length of 242'-0" Bk. to Bk. of abutments.

Traffic to be maintained utilizing stage construction.

No salvage.

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges

LOADING HS20-44

No allowance for future wearing surface

EXISTING DESIGN STRESSES

1991 CONSTRUCTION

f'c = 3,500 psi (Superstructure)
f'c = 3,500 psi (Substructure)
f'c = 6,000 psi (Precast Prestressed Units)
fy = 60,000 psi (Reinforcement)

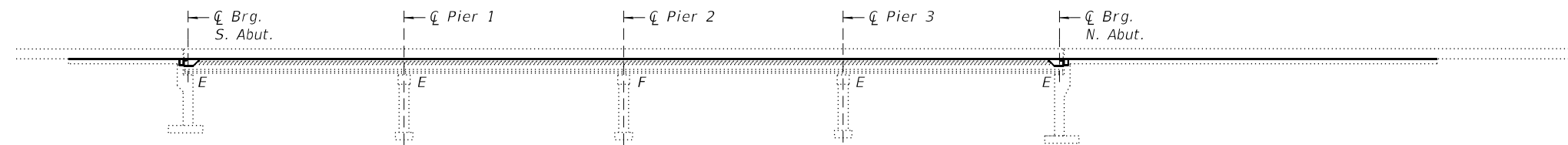
2009 CONSTRUCTION

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

PROPOSED DESIGN STRESSES

FIELD UNITS:

f'c = 4,000 psi (Superstructure)
fy = 60,000 psi (Reinforcement)



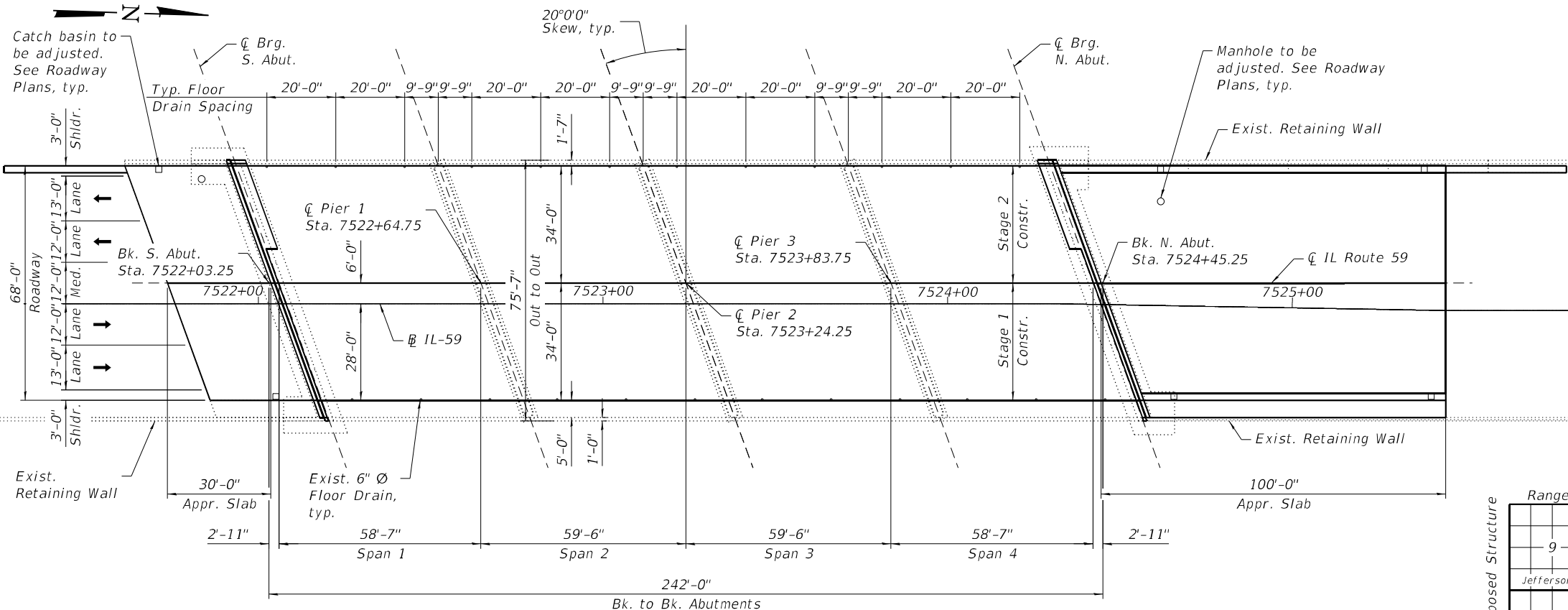
ELEVATION



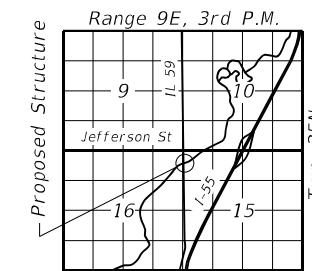
BY: *B.B.H.S.E.* DATE: 7/27/2023
HDR ENGINEERING, INC.
DIVISION: BRIDGE SHEETS 1 TO 19
LICENSE EXPIRES NOV. 30, 2024

SCOPE OF WORK

1. Remove and replace existing expansion joints at both abutments.
2. Perform partial depth repairs to bridge deck and partial and full depth repairs to approach slabs.
3. Scarify bridge deck 3/4" and install 2 1/2" Latex Concrete Overlay.
4. Install 1 3/4" Hot-Mix Asphalt (HMA) on the Approach Slabs. Refer to Roadway Plans for quantities and details.
5. Remove and Replace concrete diaphragms between Girders 1 and 4 at both Abutments.
6. Clean & paint exposed steel components of Bearings at both abutments, Pier 1 & Pier 3.
7. Perform Structural Repair of Concrete at abutments.
8. Apply Protective Coat on the top surface of the latex concrete overlay and inside and top faces of new concrete adjacent to joints.
9. Remove debris in river at upstream end of piers as directed by the Engineer.
10. Remove and replace existing steel side retainers at abutment bearings.



PLAN

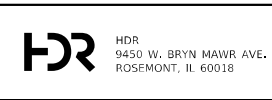


LOCATION SKETCH

GENERAL PLAN AND ELEVATION
IL ROUTE 59 OVER DUPAGE RIVER
F.A.P. RTE. 338
SEC. FAP 0338 022 BJ
WILL COUNTY
STATION 7523+24.25
STRUCTURE NO. 099-0284

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CHECKED - BHS	REVISOR -	
PLOT SCALE =	DRAWN - PS	REVISED -
PLOT DATE = 7/27/2023	CHECKED - BHS	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
STRUCTURE NO. 099-0284

SHEET 1 OF 19 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 0338 022 BJ	WILL	50	24
CONTRACT NO. 62T09				

ILLINOIS FED. AID PROJECT

GENERAL NOTES

1. Reinforcement bars designated (E) shall be epoxy coated.
2. Prior to pouring the new concrete deck for expansion joint reconstruction and deck slab repairs, all loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Removal shall be accomplished by methods that will not damage the concrete beams and the cost will be included in the pay item covering removal of the existing concrete.
3. Plan dimensions and details relative to existing plans are subject to nominal construction variation. 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 variation 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.
4. Existing reinforcement extending into the removal area shall be cleaned, straightened, and incorporated into the new construction. Any existing reinforcement bars intended for reuse and damaged during the concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system to the satisfaction of the Engineer. Cost included with Concrete Removal.
5. The Contractor shall take appropriate measures to assure the Protective Coat is not applied to the floor drains.
6. Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50°F.
7. A steel road plate shall be provided over the Stage 1 concrete joint removals to maintain pedestrian access over the bridge until the sidewalk portion of the joint reconstruction is completed. The steel plates must be large enough to safely span the concrete joint removals with a minimum overlap of 12 inches beyond the removal. Temporary Pavement (Variable Depth) ramps shall be provided to secure the plates. The minimum ramp lengths are 2 feet in the direction of travel and 1 foot in the non-traveled direction. The plates must not be a tripping hazard and must provide traction in all weather conditions. Stage 1 deck scarification shall not take place until the deck joint is reconstructed at the bridge sidewalk and the sidewalk is reopened to pedestrians. Cost of steel road plate and ramp material included with Concrete Removal.

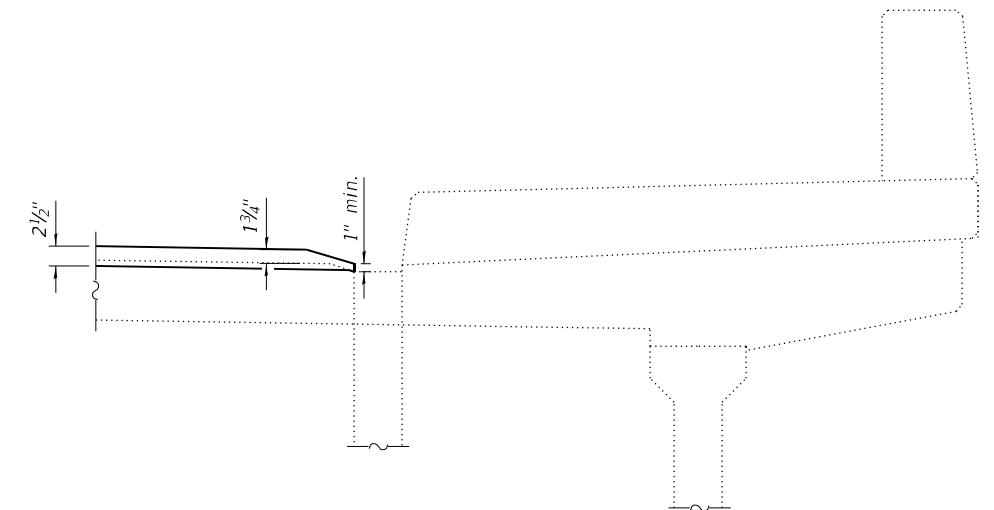
INDEX OF SHEETS

- 1 General Plan & Elevation
- 2 General Notes, Index of Sheets & Total Bill of Materials
- 3 Stage Construction
- 4 Temporary Concrete Barrier for Stage Construction
- 5 Bridge Deck Repairs
- 6 Bridge Deck Repairs
- 7 Joint Reconstruction Details
- 8 Joint Reconstruction Details
- 9 Joint Reconstruction Details
- 10 Approach Slab Repairs
- 11 Preformed Joint Strip Seal
- 12 Preformed Joint Strip Seal
- 13 Bar Splicer Assembly Details
- 14 Abutment Repairs
- 15 Existing Bridge Plans (For Reference Only)
- 16 Existing Bridge Plans (For Reference Only)
- 17 Existing Bridge Plans (For Reference Only)
- 18 Existing Bridge Plans (For Reference Only)
- 19 Existing Bridge Plans (For Reference Only)

TOTAL BILL OF MATERIAL

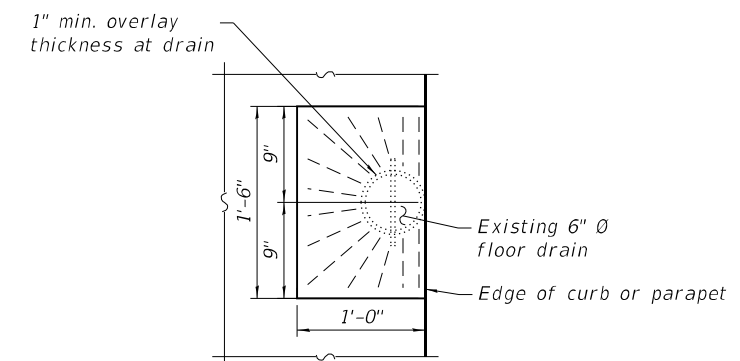
ITEM	UNIT	TOTAL
Concrete Removal	Cu Yd	24.6
Concrete Superstructure	Cu Yd	27.0
Bridge Deck Grooving	Sq Yd	1,748
* Protective Coat	Sq Yd	1,825
Furnishing and Erecting Structural Steel	Pound	130
Reinforcement Bars, Epoxy Coated	Pound	3,490
Bar Splicers	Each	12
Preformed Joint Strip Seal	Foot	158.0
Anchor Bolts, 1"	Each	6
Approach Slab Repair (Full Depth)	Sq Yd	69
Approach Slab Repair (Partial Depth)	Sq Yd	45
Bridge Deck Latex Concrete Overlay, 2 1/2 Inches	Sq Yd	1,770
Bridge Deck Scarification 3/4"	Sq Yd	1,770
Structural Repair of Concrete (Depth Equal to Or Less Than 5 Inches)	Sq Ft	130
Structural Repair of Concrete (Depth Greater Than 5 Inches)	Sq Ft	5
Cleaning and Painting Bearings	Each	60
Structural Steel Removal	Pound	80
Debris Removal	L Sum	1
Deck Slab Repair (Full Depth, Type I)	Sq Yd	5

* apply to the top surface of concrete overlay and the inside and top faces of new concrete adjacent to joints only.



SECTION AT DRAINS

(Drains at sidewalk curb shown. Drains at parapet similar.)



OVERLAY TREATMENT AT DRAINS

(24 drains total)

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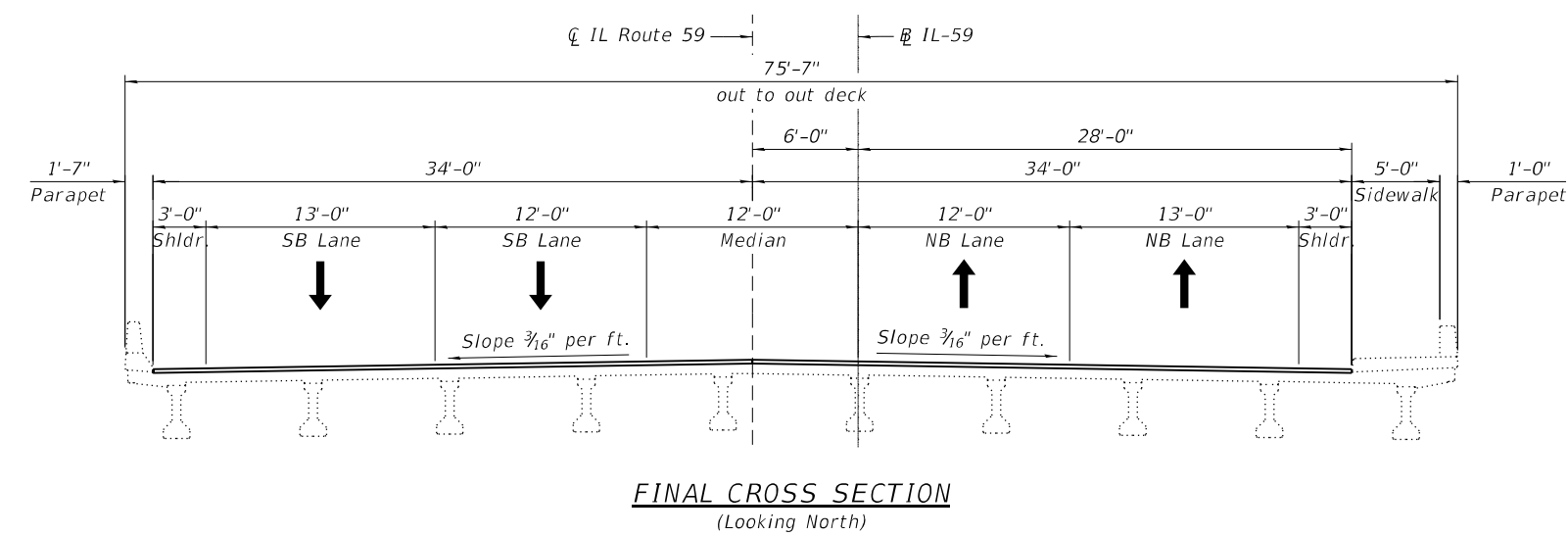
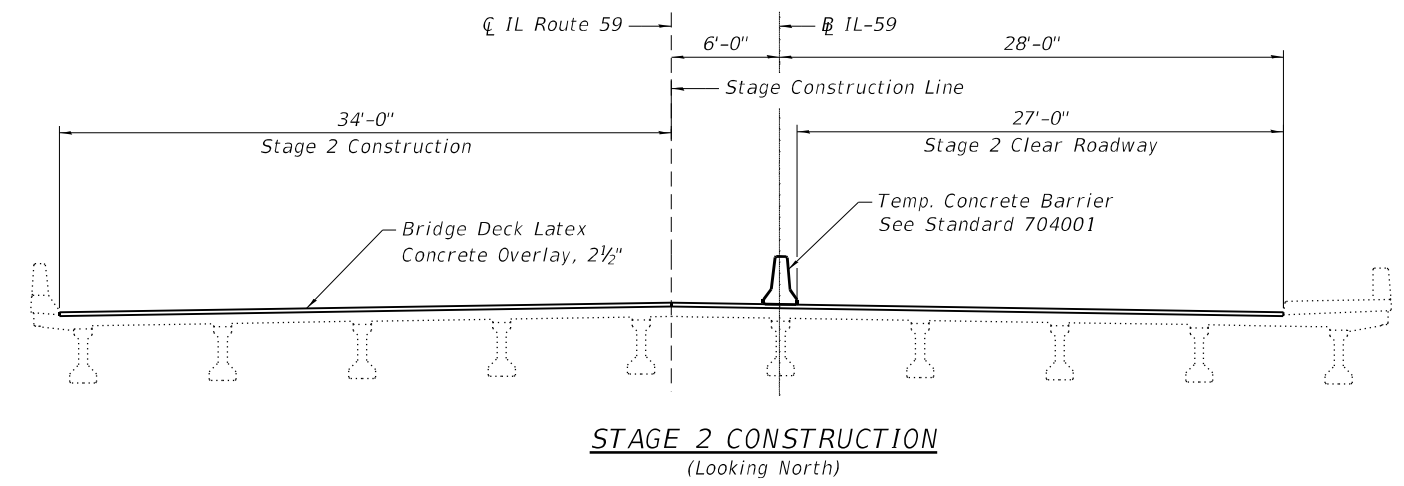
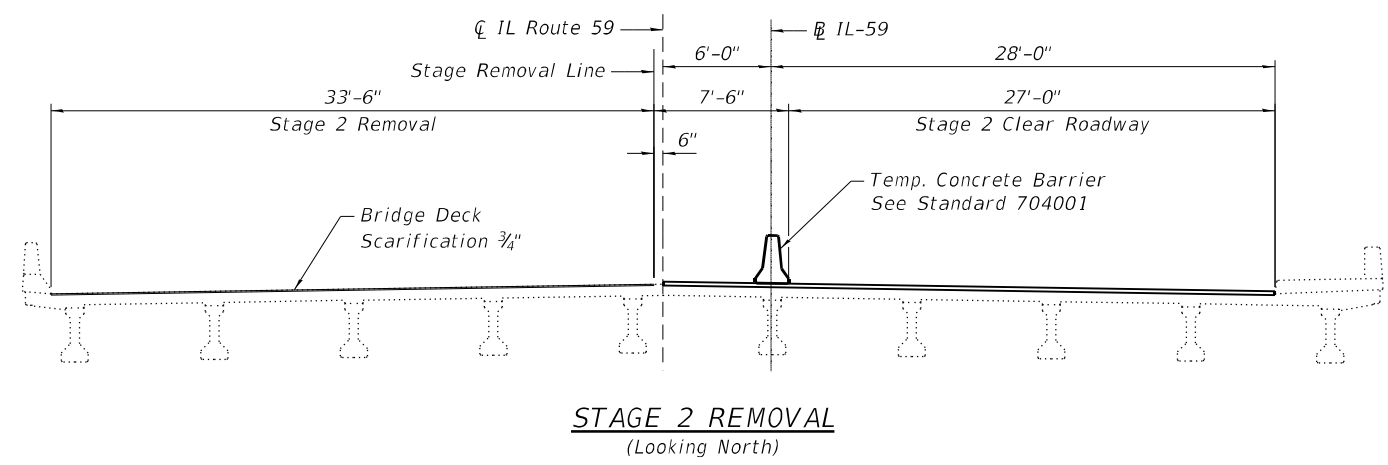
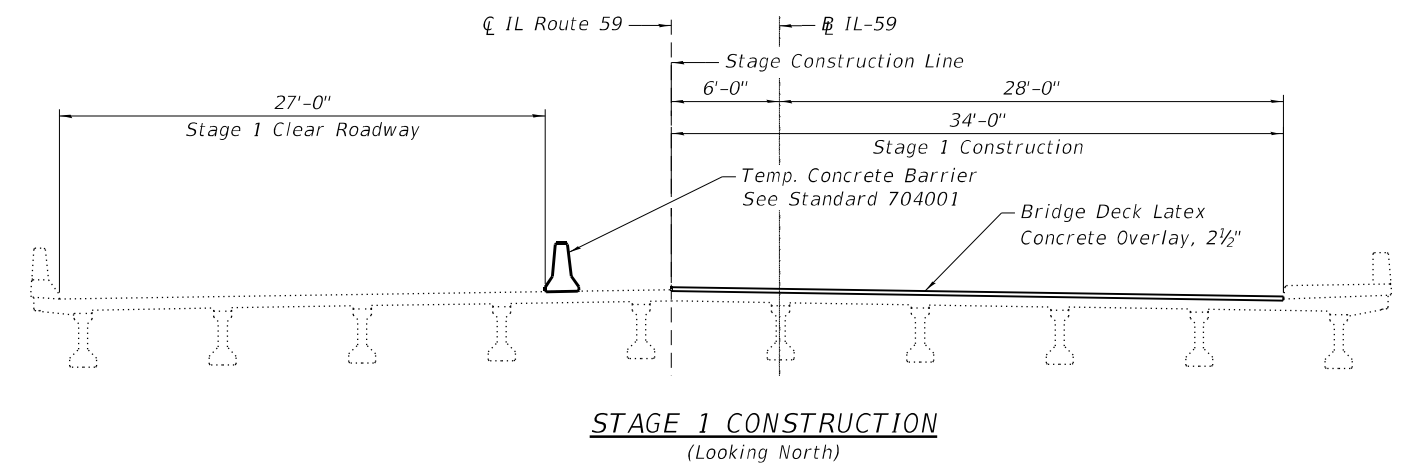
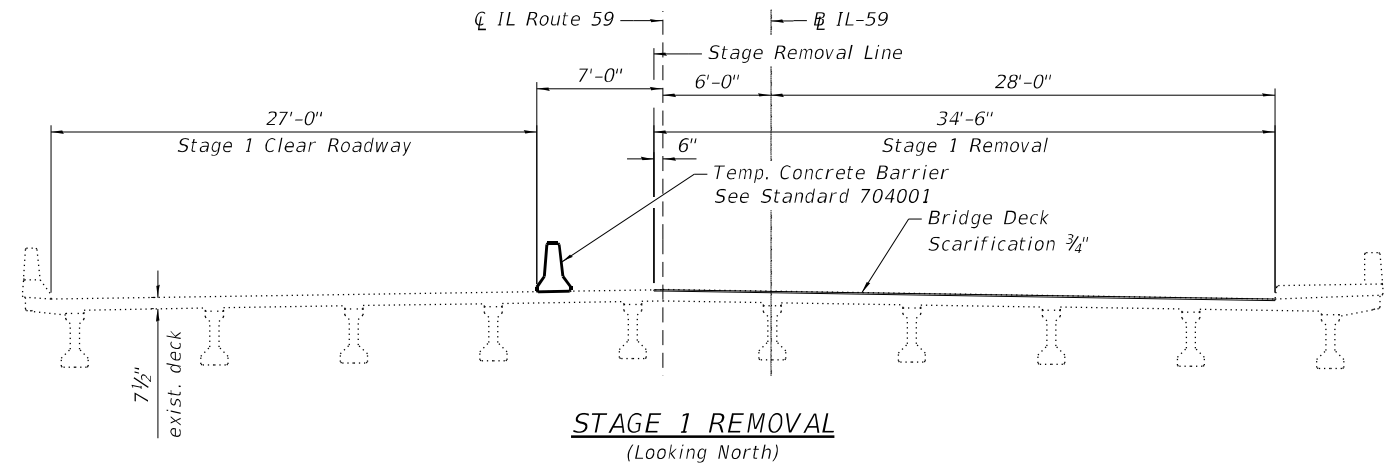
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PLOT DATE = 7/27/2023	CHECKED - BHS	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES, INDEX OF SHEETS & TOTAL BILL OF MATERIALS
STRUCTURE NO. 099-0284**

SHEET 2 OF 19 SHEETS

F.A.P. RTE. 338	SECTION FAP 0338 022 BJ	COUNTY WILL	TOTAL SHEETS 50	SHEET NO. 25
			CONTRACT NO. 62T09	
		ILLINOIS	FED. AID PROJECT	



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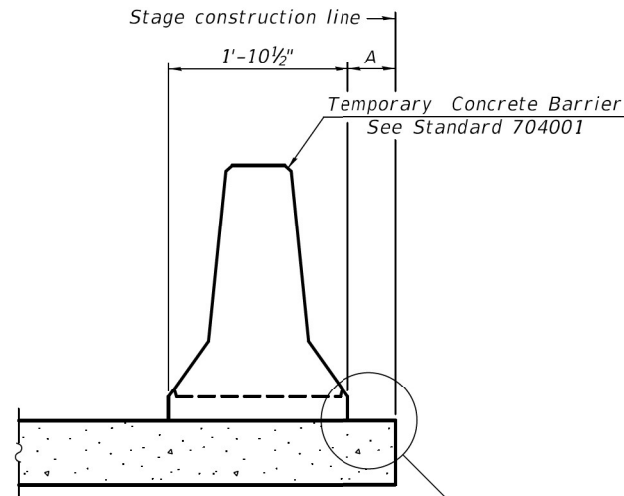
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE CONSTRUCTION
STRUCTURE NO. 099-0284**

SHEET 3 OF 19 SHEETS

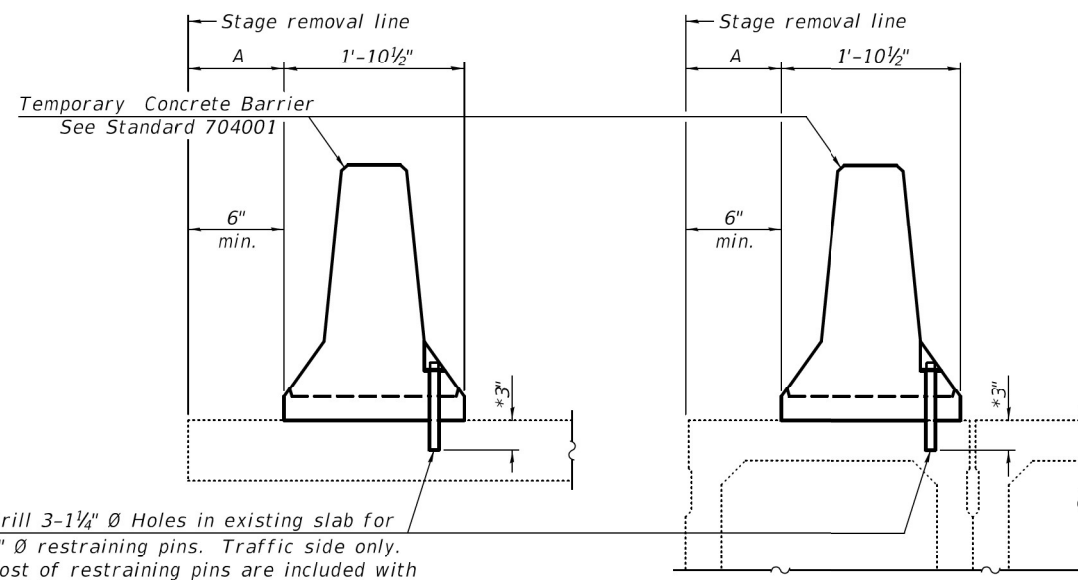
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	0338-022-BJ	WILL	50	26
CONTRACT NO. 62T09				

ILLINOIS FED. AID PROJECT



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".

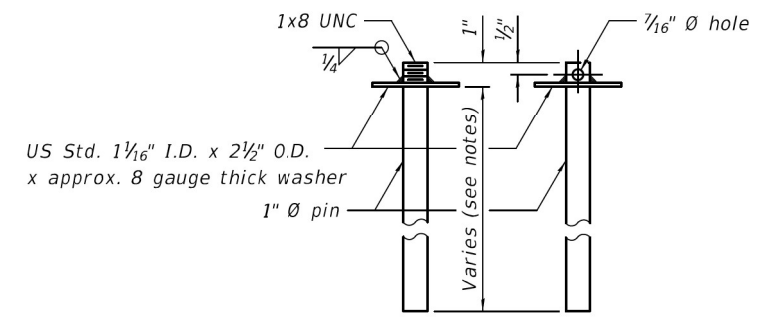
NEW SLAB OR NEW DECK BEAM



Drill 3-1/4" 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 is required when "A" is greater than 3'-1".

EXISTING SLAB

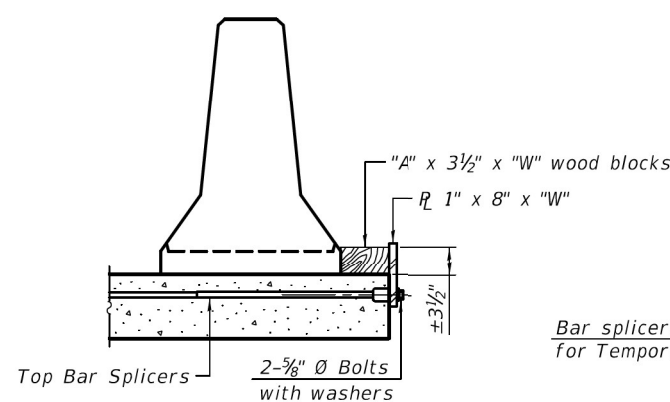
EXISTING DECK BEAM



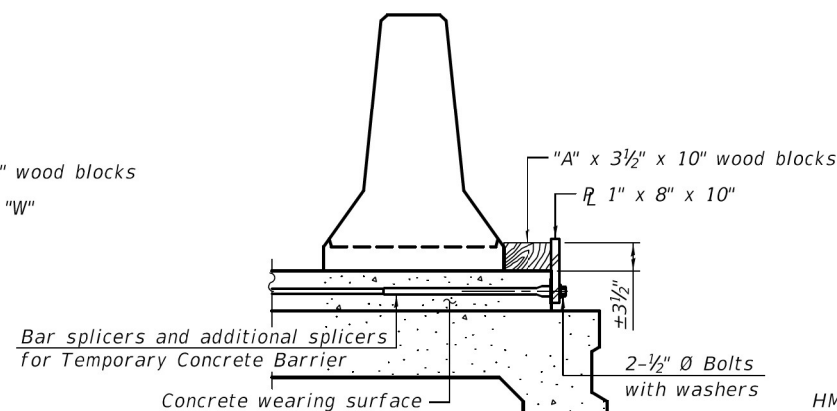
RESTRAINING PIN

* When hot-mix asphalt wearing surface is present, embedment shall be 3" plus the wearing surface depth.

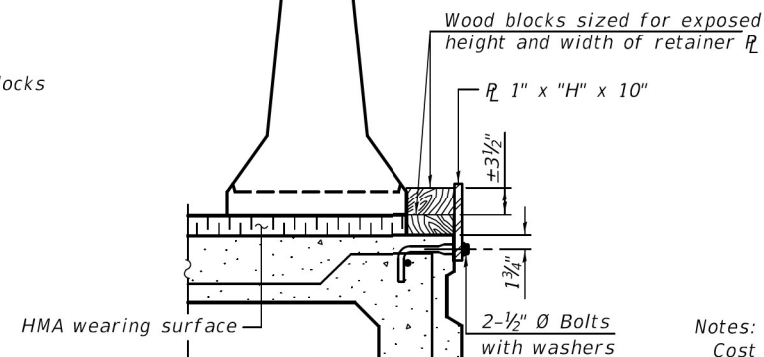
SECTIONS THRU SLAB OR DECK BEAM



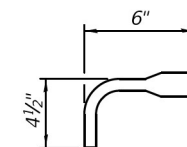
DETAIL I



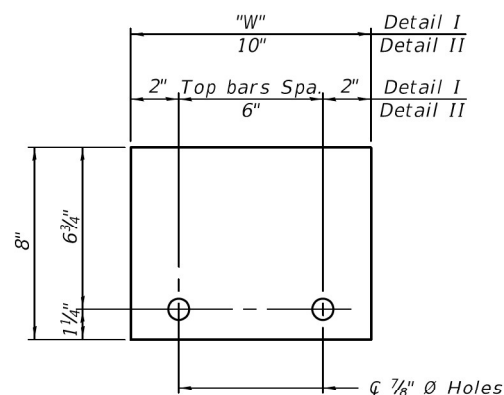
DETAIL II



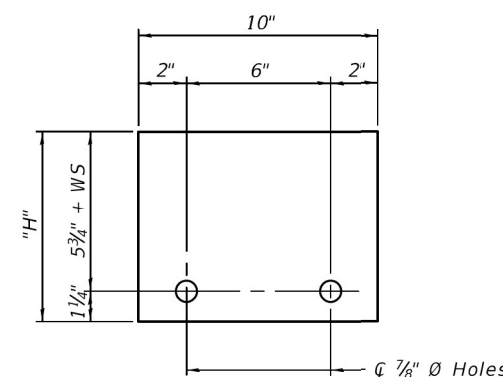
DETAIL III



BAR SPLICER FOR #4 BAR - DETAIL III



STEEL RETAINER R 1" x 8" x "W" (Detail I and II)



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

Notes:
 Cost of retainer assembly is included with Temporary Concrete Barrier.
 A retainer assembly shall be located at the approximate \bar{C} 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 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.

RAILING CRITERIA

NCHRP 350 Test Level	3
Railing Weight (plf)	440

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DEPARTMENT OF TRANSPORTATION

TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION
STRUCTURE NO. 099-0284

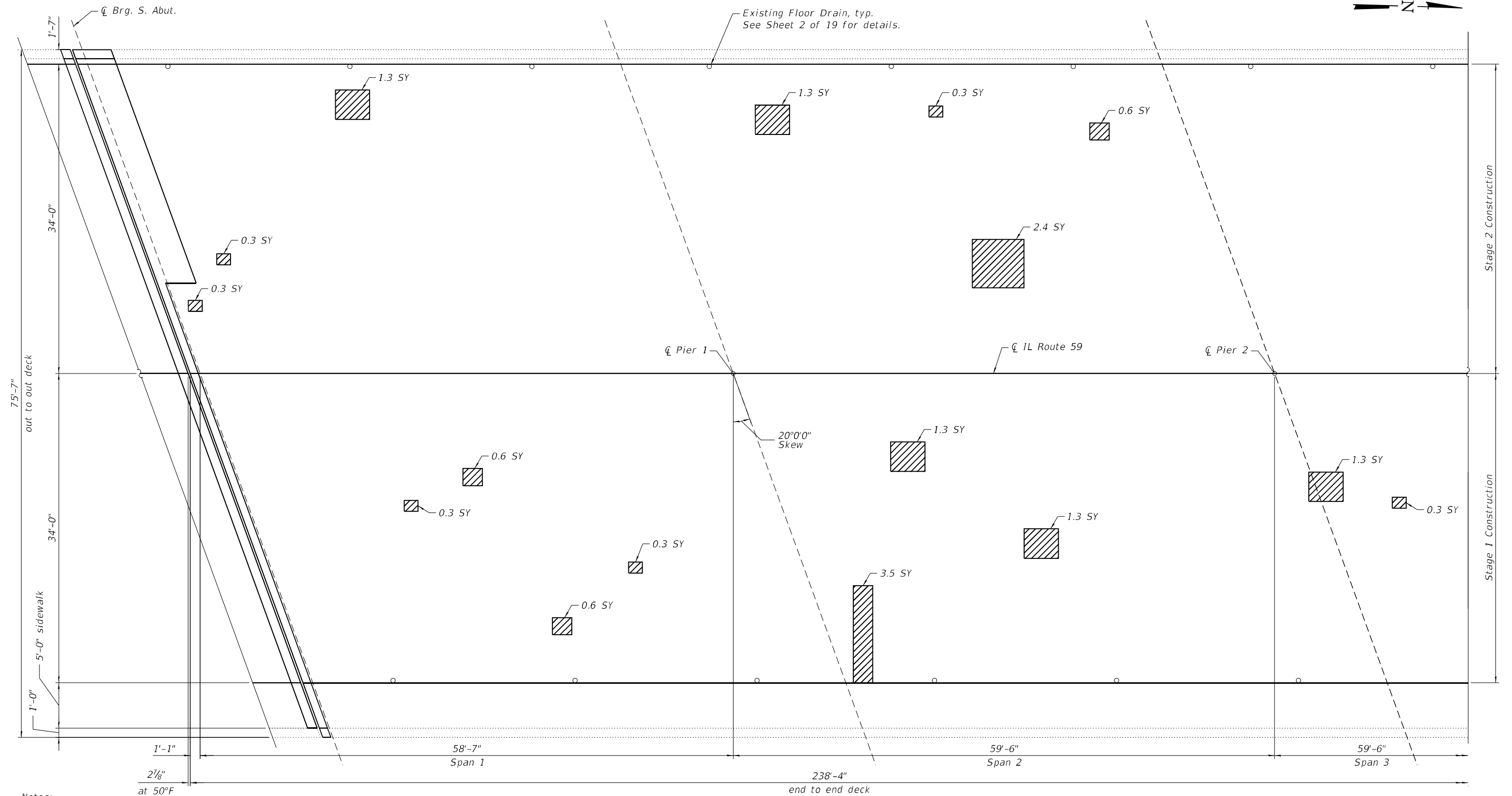
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	0338-022-BJ	WILL	50	27
CONTRACT NO. 62T09				

SHEET 4 OF 19 SHEETS

ILLINOIS FED. AID PROJECT

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Notes:
 Deck Slab Repair (Partial) locations and quantities are shown for information only and will not be measured for payment but shall be included in the cost of Bridge Deck Latex Concrete Overlay. See special provision for Bridge Deck Latex Concrete Overlay.
 The Contractor is advised that a junction box and conduit are attached to the outside face of the east parapet. The Contractor shall take proper precautions to protect the utility from damage during concrete removal and replacement, and remount the junction box and conduit according to the as-built condition. Cost included with Concrete Superstructure. Any damage to the utility caused by the Contractor shall be repaired at the Contractor's expense to the satisfaction of the utility owner.

DECK REPAIR PARTIAL PLAN

BILL OF MATERIAL

Item	Unit	Quantity
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	5

LEGEND

- Deck Slab Repair (Partial)
- Deck Slab Repair (Full Depth)

The nominal quantity for Deck Slab Repair is provided for bidding purposes and shall be performed at the direction of the Engineer.

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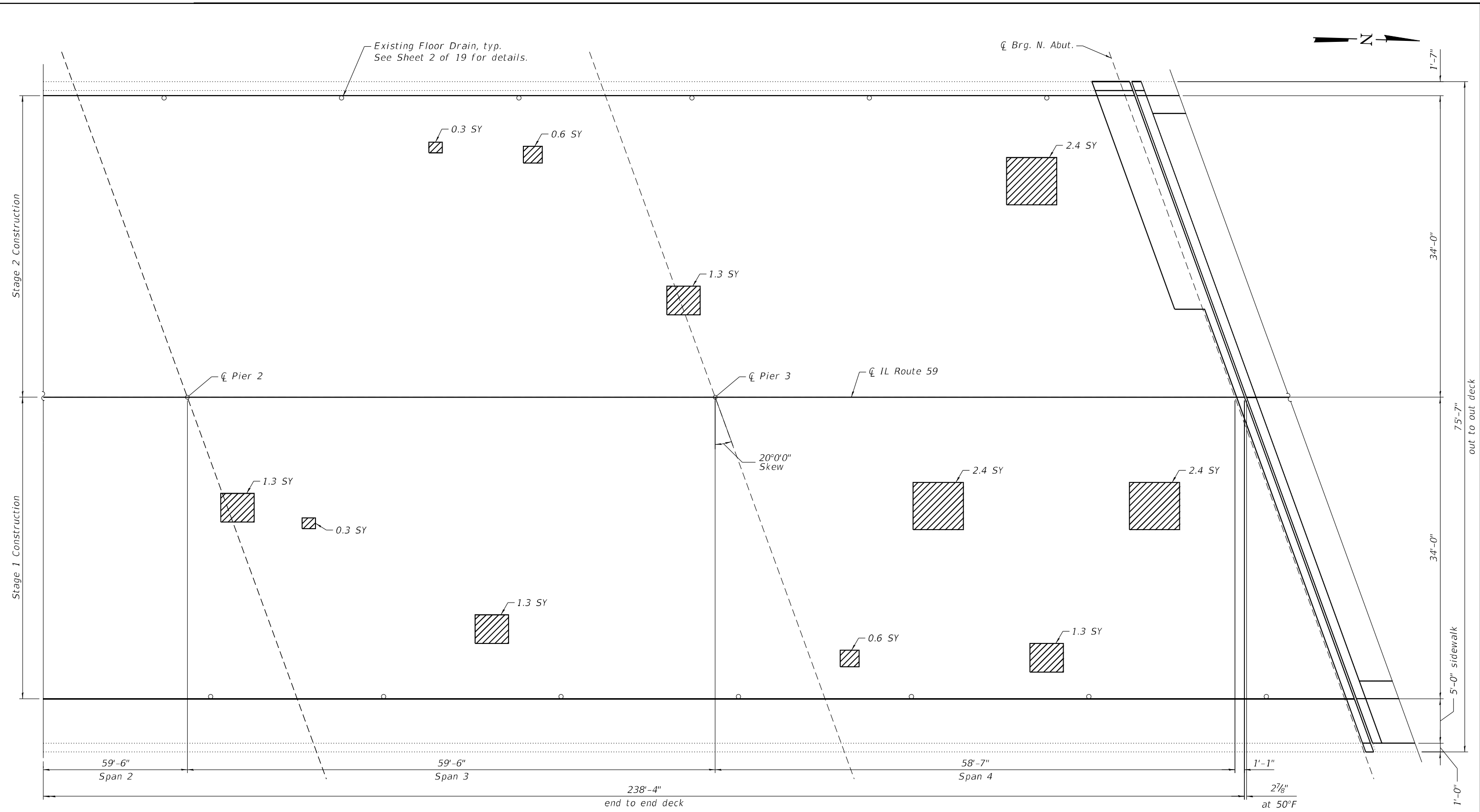
**STATE OF ILLINOIS
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**BRIDGE DECK REPAIRS
 STRUCTURE NO. 099-0284**

SHEET 5 OF 19 SHEETS

F.A.P. RTE. 338	SECTION FAP 0338 022 BJ	COUNTY WILL	TOTAL SHEETS 50	SHEET NO. 28
			CONTRACT NO. 62T09	
ILLINOIS FED. AID PROJECT				

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DECK REPAIR PARTIAL PLAN

LEGEND

- Deck Slab Repair (Partial)
- Deck Slab Repair (Full Depth)

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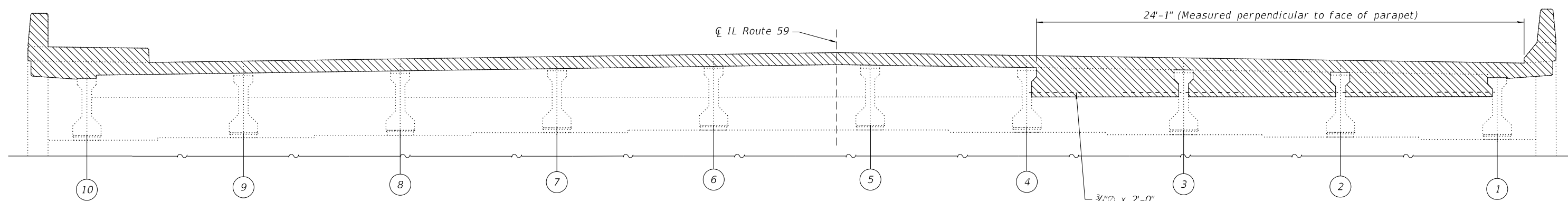
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BRIDGE DECK REPAIRS
 STRUCTURE NO. 099-0284**

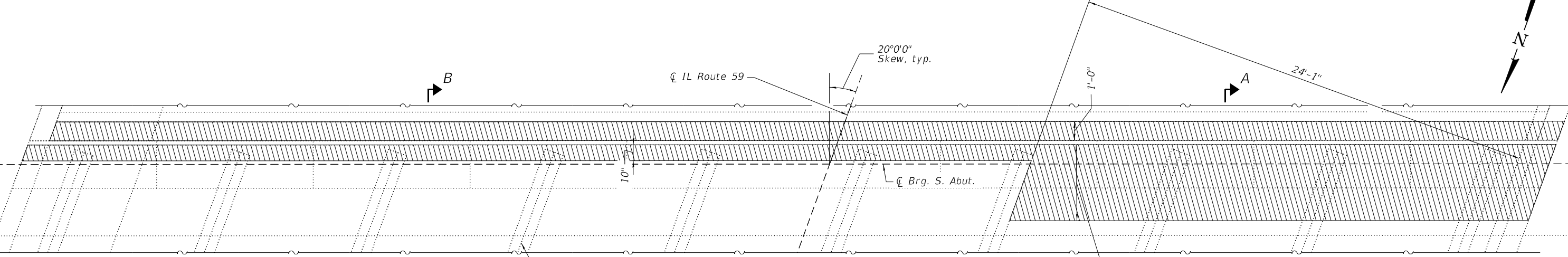
SHEET 6 OF 19 SHEETS

F.A.P. RTE. 338	SECTION FAP 0338 022 BJ	COUNTY WILL	TOTAL SHEETS 50	SHEET NO. 29
CONTRACT NO. 62T09				
ILLINOIS FED. AID PROJECT				



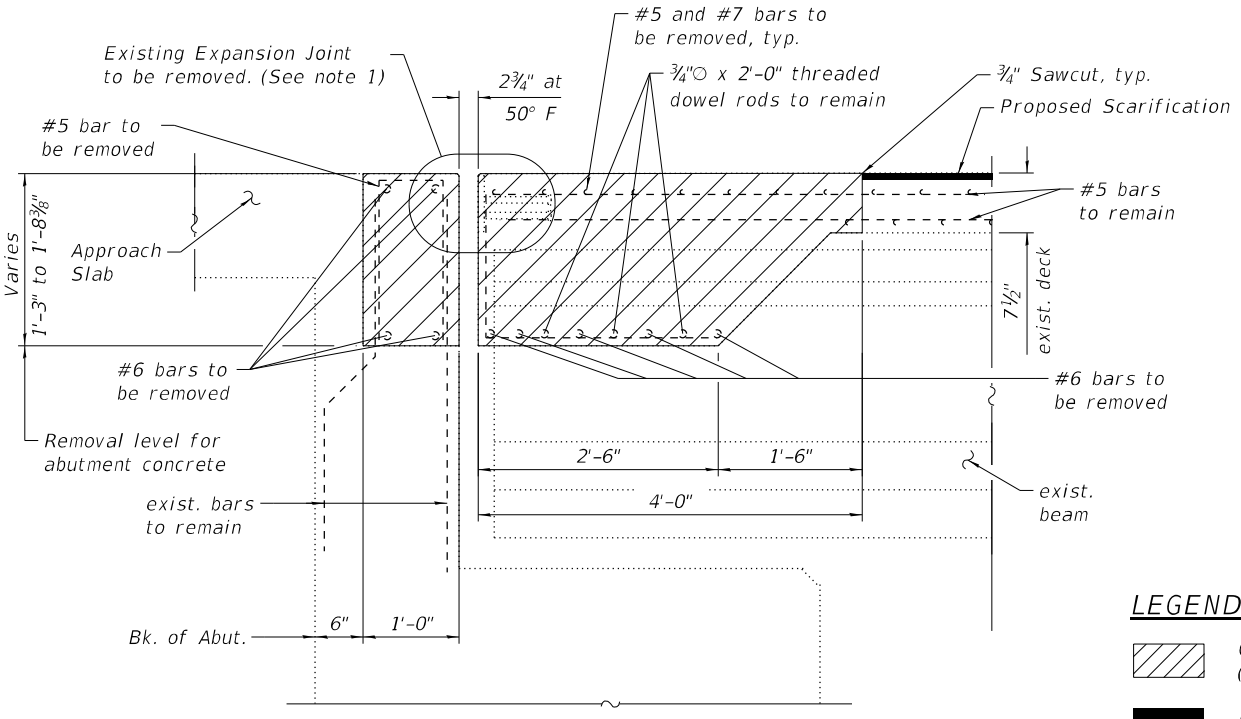
JOINT REMOVAL ELEVATION

(Joint removal at South Abutment shown. North Abutment similar.)

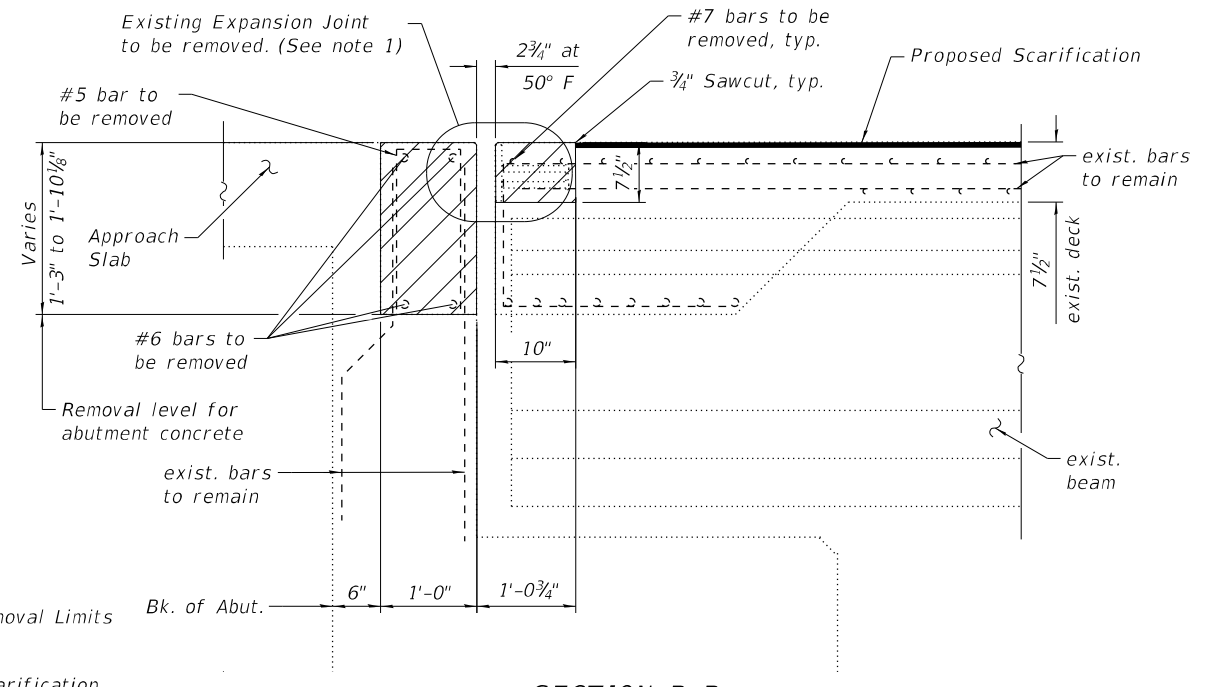


JOINT REMOVAL PLAN

(Joint removal at South Abutment shown. North Abutment similar.)



SECTION A-A
(Showing Removal)



SECTION B-B
(Showing Removal)

LEGEND

- Concrete Removal Limits (See note 2)
- Proposed Scarification

Notes:

1. Removal and disposal of existing expansion joint shall be included with the cost of Concrete Removal.
2. The Contractor shall use extreme care during concrete removal so as not to damage the concrete beams, sidewalk, retaining walls and parapets. The Contractor shall take proper precautions to protect the existing elements from damage during concrete removal. Any damage caused by the Contractor shall be repaired at the Contractor's expense to the satisfaction of the Engineer.
3. See existing plans for reinforcement bars not shown. Existing reinforcement bars extending into the removal areas that are not shown shall remain.
4. Refer to General Note 7 on Sheet 2 of 19 for pedestrian access requirements during Stage I construction.

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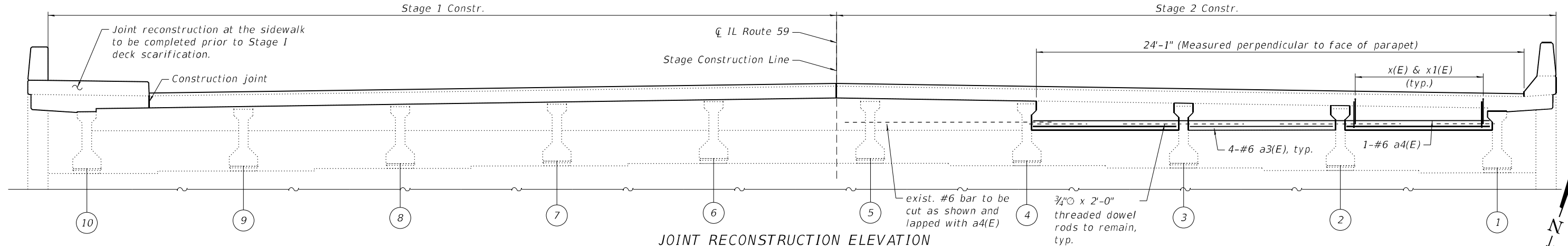
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JOINT RECONSTRUCTION DETAILS
STRUCTURE NO. 099-0284

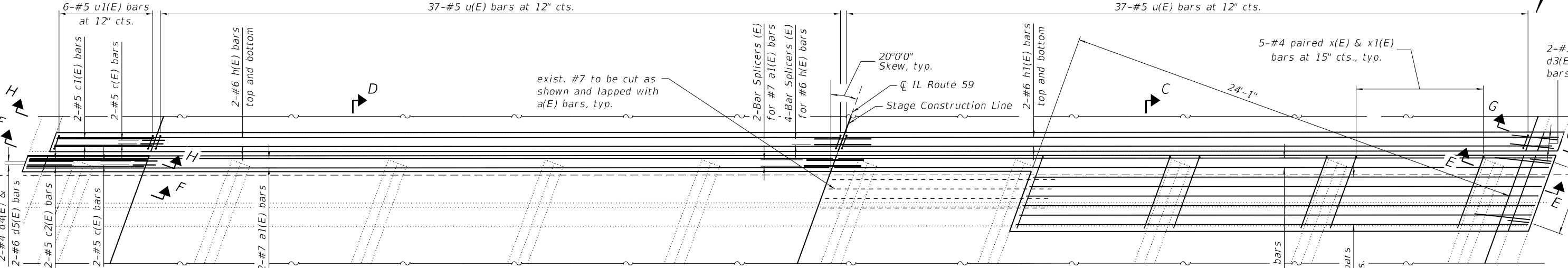
SHEET 7 OF 19 SHEETS

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CONTRACT NO. 62T09				
ILLINOIS FED. AID PROJECT				



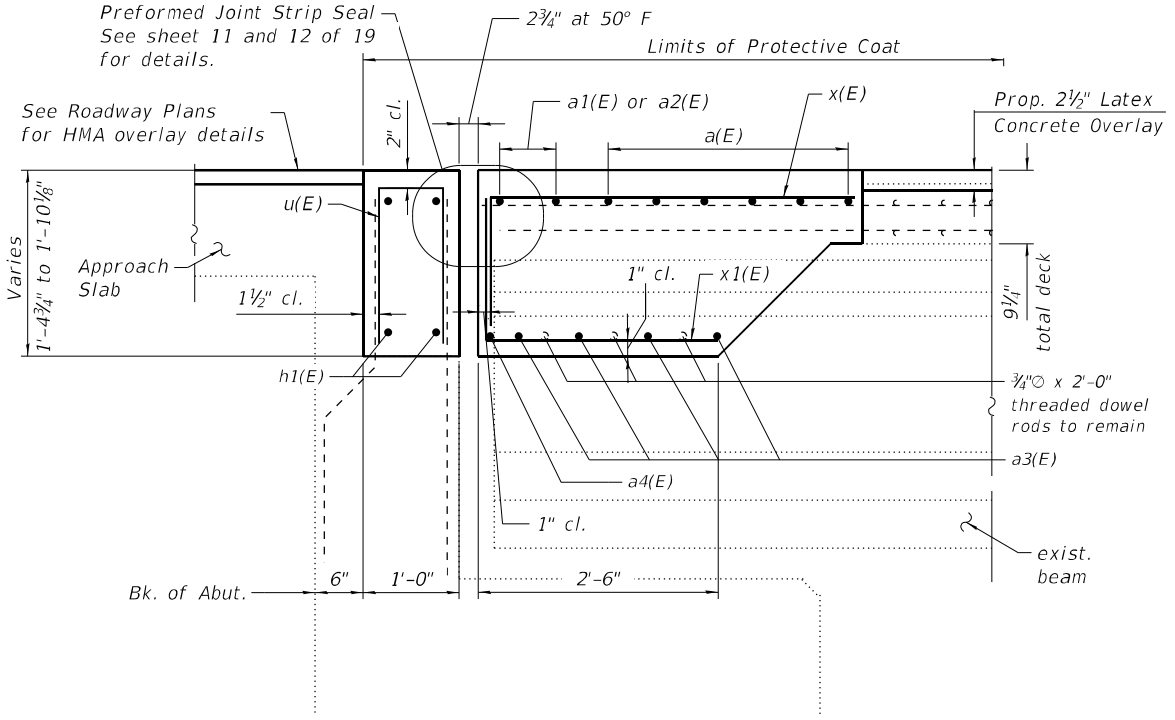
JOINT RECONSTRUCTION ELEVATION

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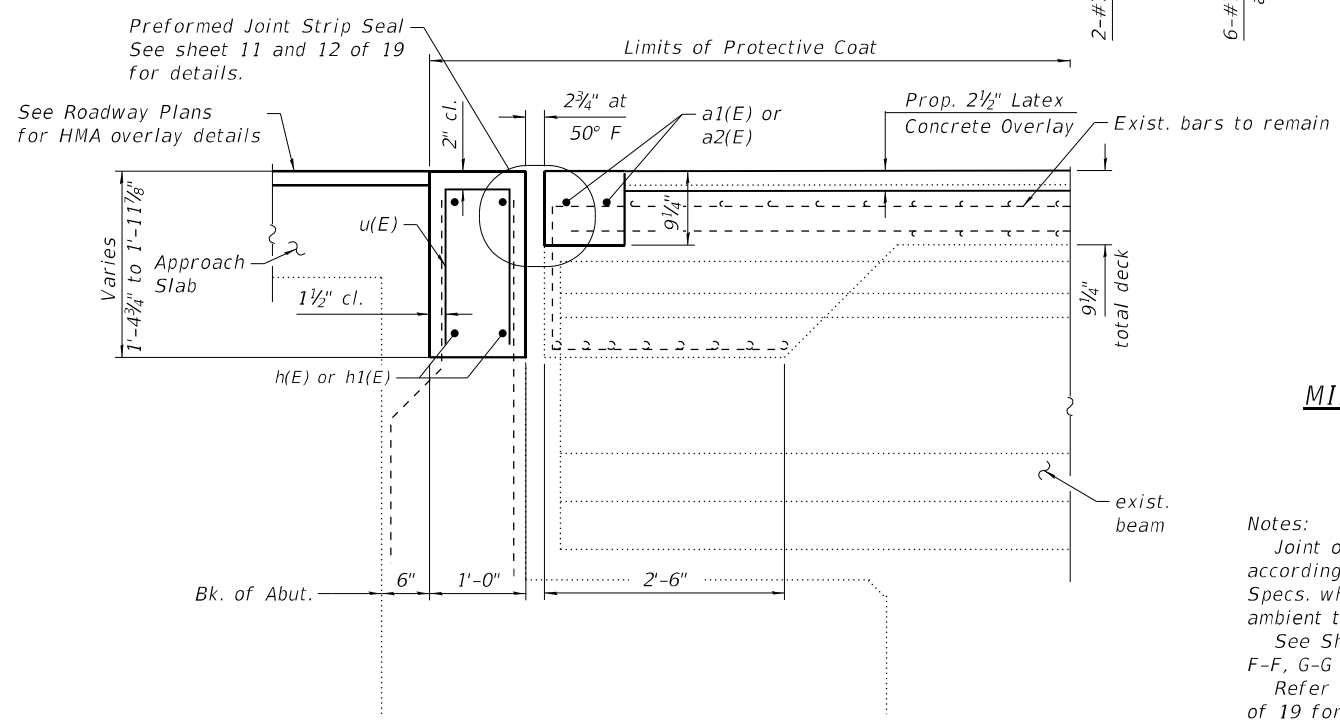


JOINT RECONSTRUCTION PLAN

(Joint reconstruction at South Abutment shown. North Abutment similar. Bottom bars not shown for clarity.)



SECTION C-C
(Showing Reconstruction)



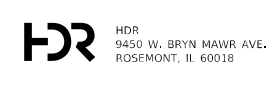
SECTION D-D
(Showing Reconstruction)

MINIMUM BAR LAP

#6 bar = 4'-0"
#7 bar = 4'-8"

Notes:
Joint openings shall be adjusted according to Article 520.04 of the Std. Specs. when the deck is poured at an ambient temperature other than 50°F.
See Sheet 9 of 19 for Sections E-E, F-F, G-G and H-H.
Refer to General Note 7 on Sheet 2 of 19 for pedestrian access requirements during Stage 1 construction.

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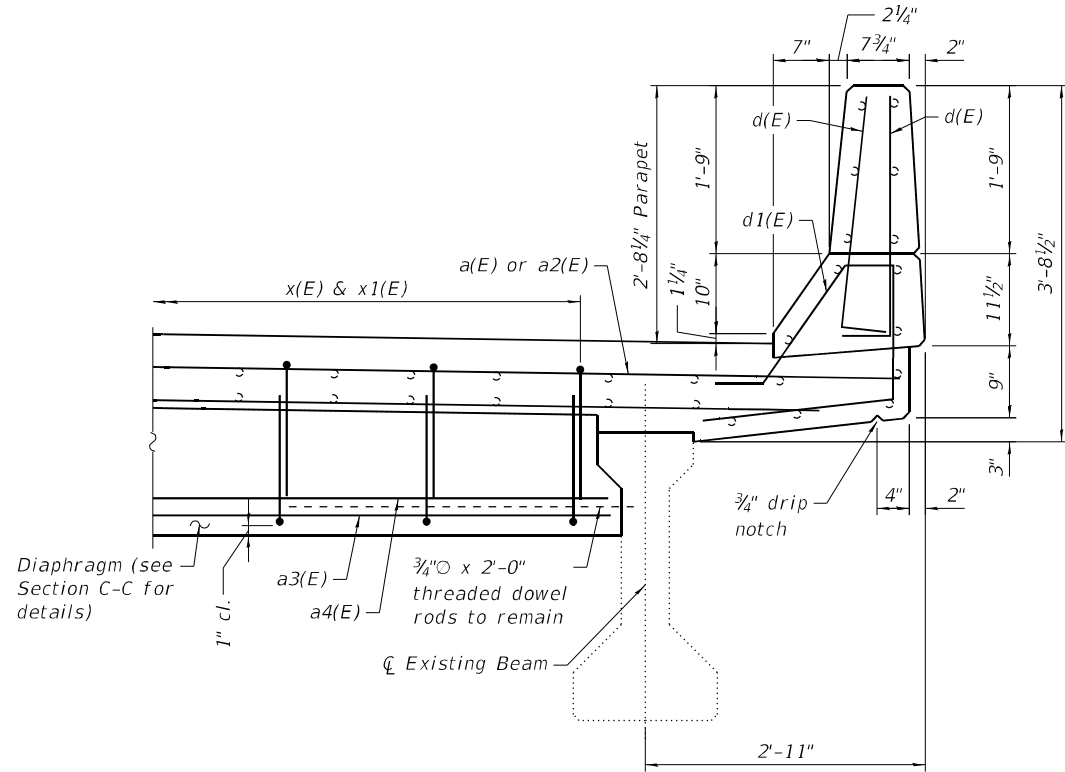
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DEPARTMENT OF TRANSPORTATION

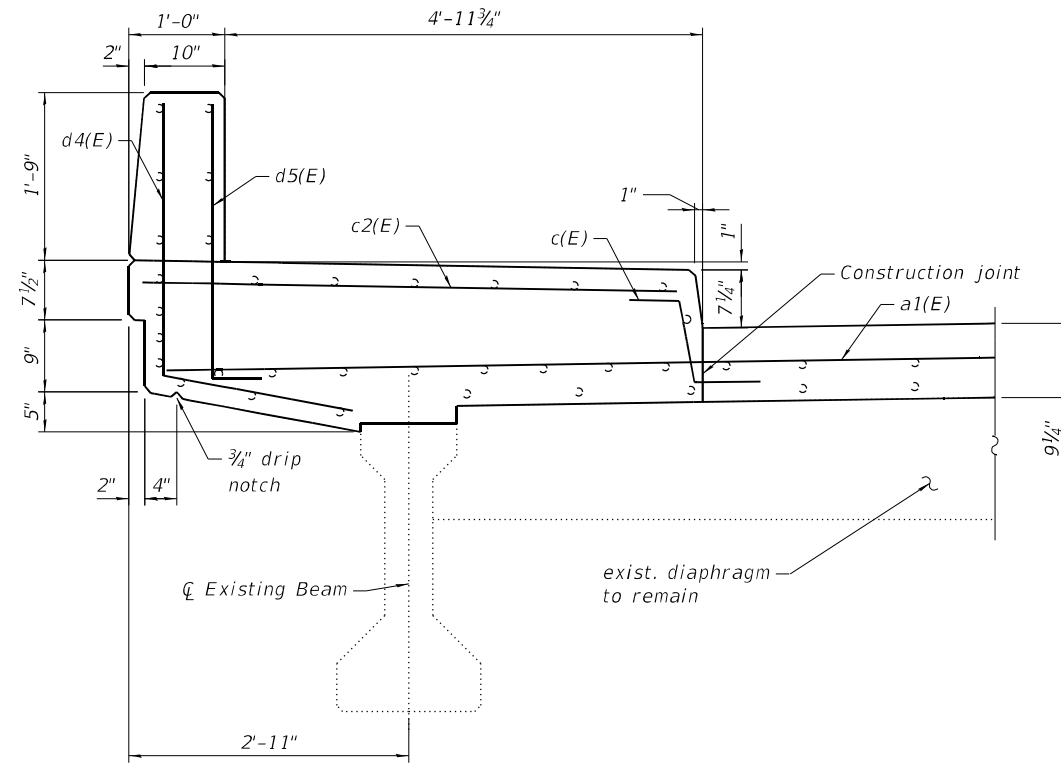
JOINT RECONSTRUCTION DETAILS
STRUCTURE NO. 099-0284

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62T09				
ILLINOIS FED. AID PROJECT				

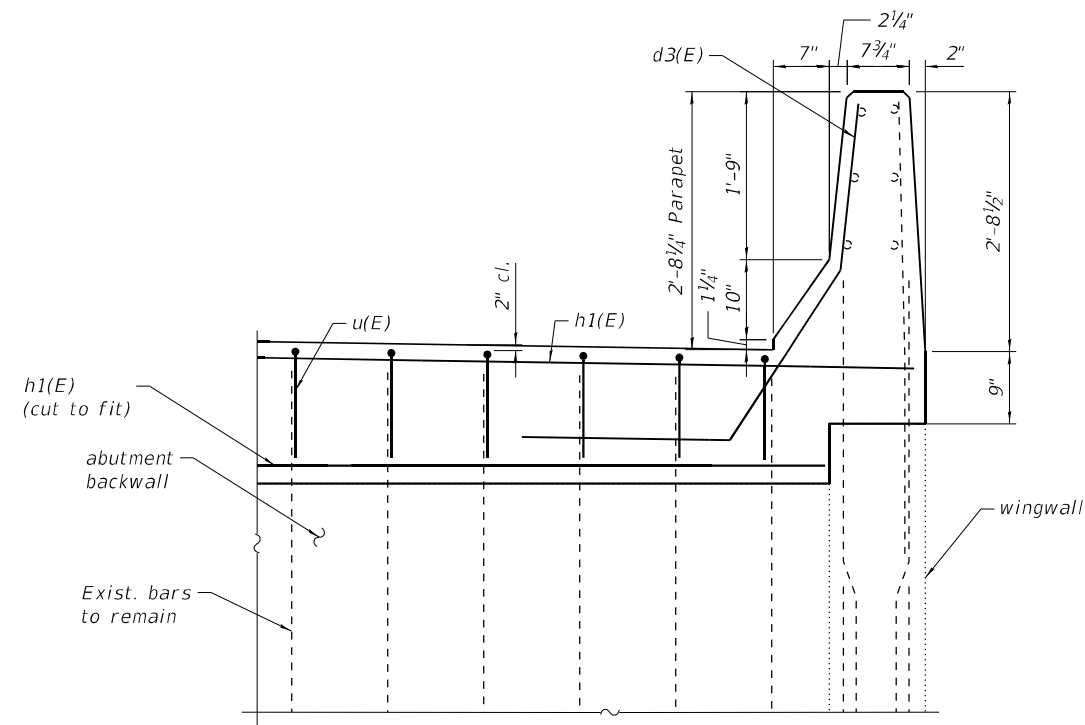
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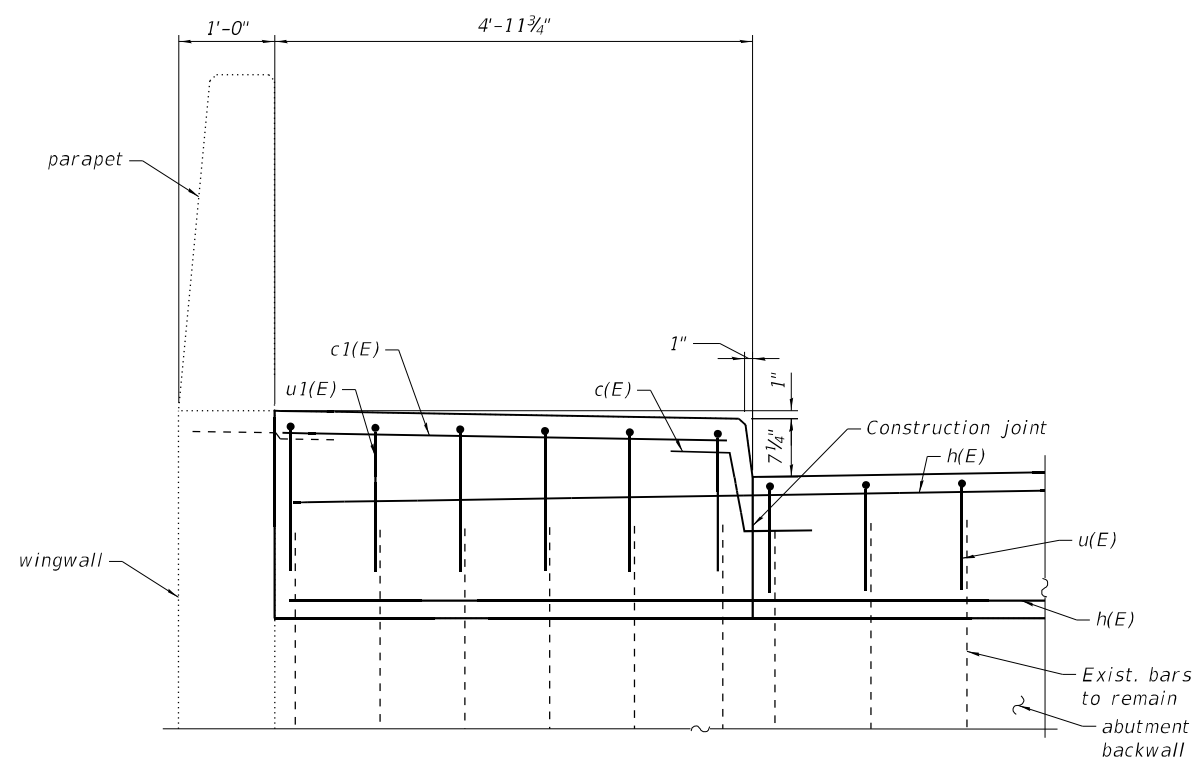
SECTION E-E
(Showing Reconstruction)



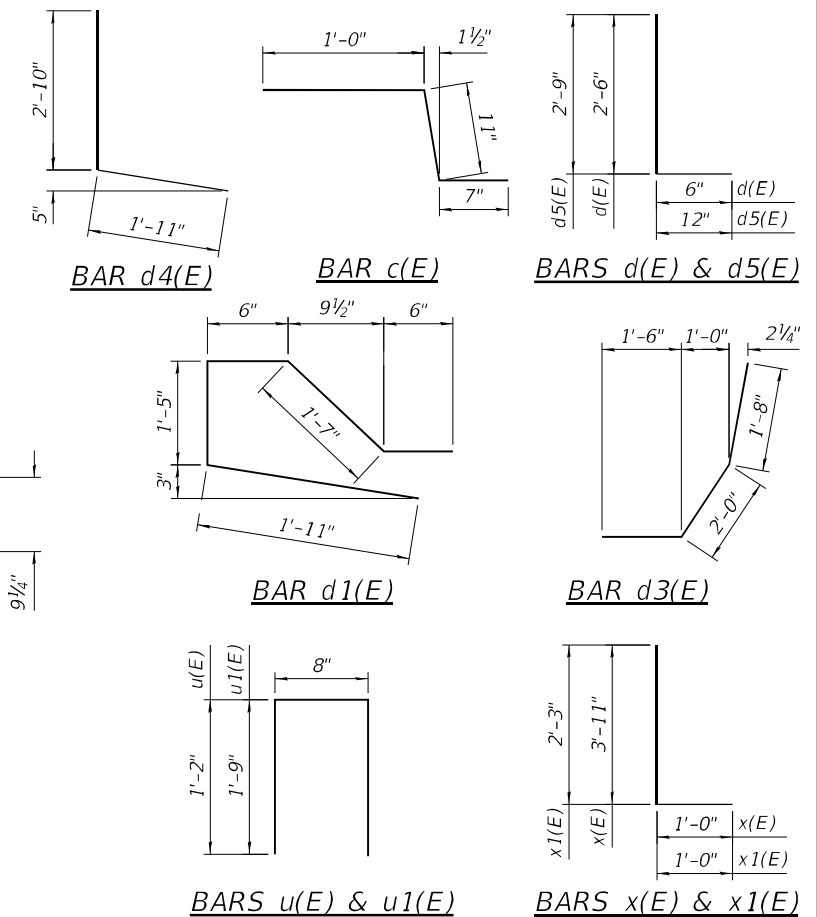
SECTION F-F
(Showing Reconstruction)



SECTION G-G
(Showing Reconstruction)



SECTION H-H
(Showing Reconstruction)



TWO JOINT RECONSTRUCTIONS
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	12	#7	26'-11"	—
a1(E)	4	#7	42'-0"	—
a2(E)	4	#7	37'-6"	—
a3(E)	24	#6	7'-3"	—
a4(E)	2	#6	23'-10"	—
c(E)	8	#5	2'-6"	┌
c1(E)	4	#5	4'-6"	—
c2(E)	4	#5	5'-7"	—
d(E)	16	#5	3'-0"	└
d1(E)	8	#5	5'-11"	└
d3(E)	4	#5	5'-2"	└
d4(E)	4	#4	4'-9"	└
d5(E)	4	#6	3'-9"	└
h(E)	8	#6	41'-2"	—
h1(E)	8	#6	37'-6"	—
u(E)	148	#5	3'-0"	▢
u1(E)	12	#5	4'-2"	▢
x(E)	30	#4	4'-11"	┌
x1(E)	30	#4	3'-3"	┌
Concrete Removal		Cu. Yd.	24.6	
Concrete Superstructure		Cu. Yd.	27.0	
Reinforcement Bars, Epoxy Coated		Pound	3,490	
Bar Splicers		Each	12	



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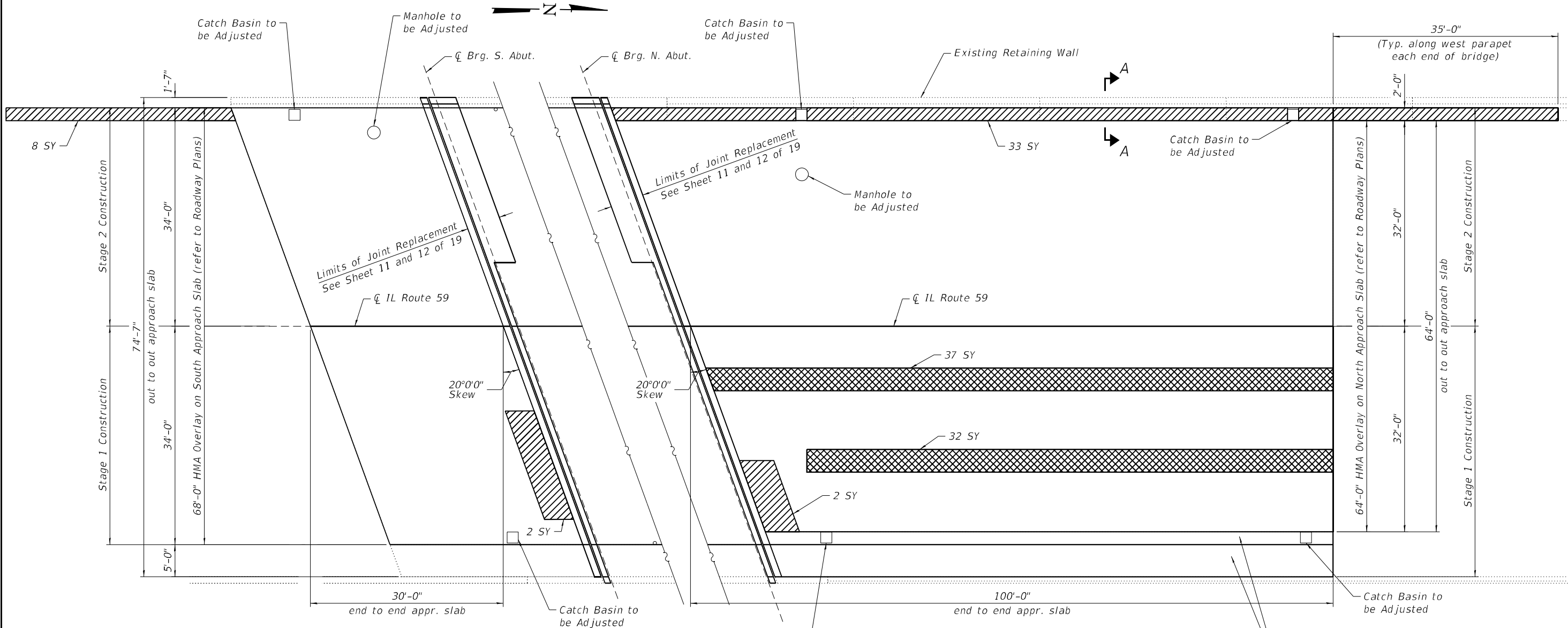
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINT RECONSTRUCTION DETAILS
STRUCTURE NO. 099-0284

SHEET 9 OF 19 SHEETS

F.A.P. RTE. 338	SECTION FAP 0338 022 BJ	COUNTY WILL	TOTAL SHEETS 50	SHEET NO. 32
			CONTRACT NO. 62T09	
ILLINOIS FED. AID PROJECT				

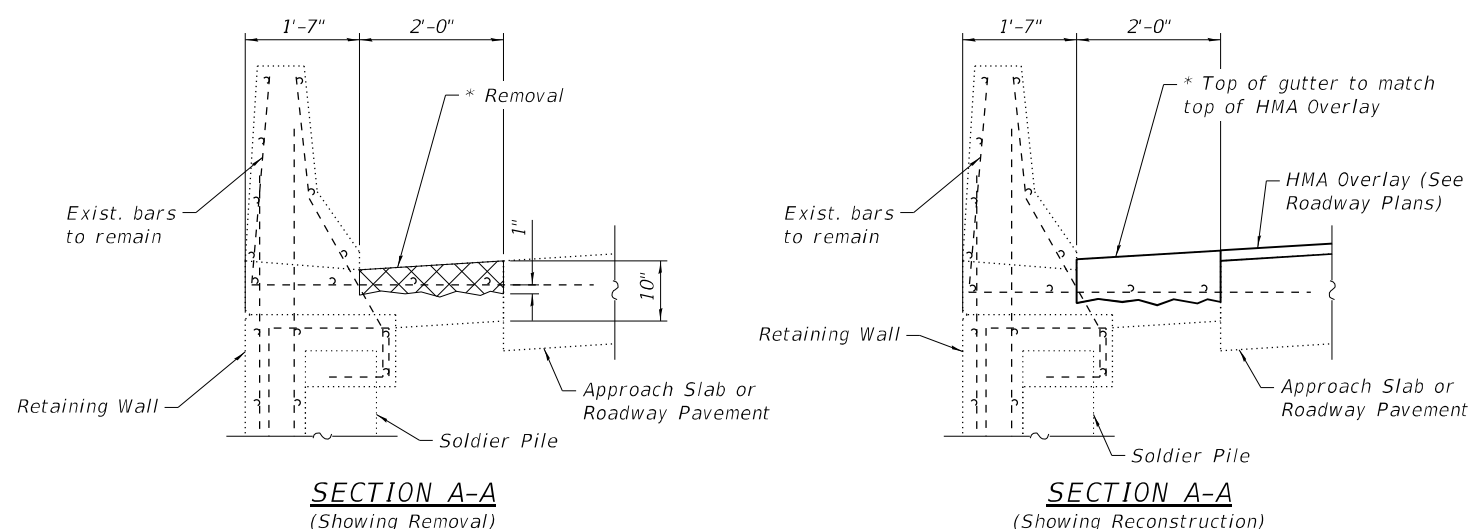
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SOUTH APPROACH SLAB REPAIR PLAN

NORTH APPROACH SLAB REPAIR PLAN

Remove and Replace Combination Concrete Curb and Gutter and Sidewalk. Refer to Roadway Plans for quantities and details.



SECTION A-A (Showing Removal)

SECTION A-A (Showing Reconstruction)

LEGEND

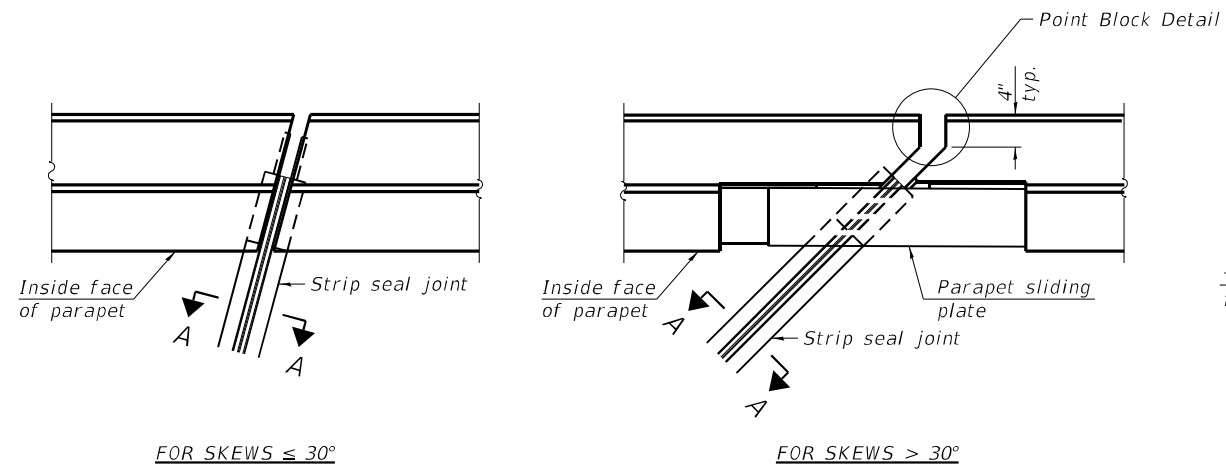
- Approach Slab Repair (Partial Depth)
- Approach Slab Repair (Full Depth)

** Note:*
 Remove concrete in the gutter to 1" below the top reinforcement, and reconstruct a variable depth gutter to match approach slab overlay and butt joint geometry. The Contractor is advised that the concrete gutter is integral with the retaining wall and parapet. The Contractor shall take proper precautions to protect the existing retaining wall and parapet from damage during concrete removal. Any damage to the existing retaining wall and parapet caused by the Contractor shall be repaired at the Contractor's expense to the satisfaction of the Engineer. Cost of concrete removal and reconstructed concrete is to be paid for as Approach Slab Repair (Partial Depth).

Note:
 Structural concrete removed as directed by the Engineer for the adjustment of the Catch Basins or Manholes to the final grade shall be reconstructed according to the Approach Slab Repair specification. Cost of the concrete removal, disposal and reconstruction is included with the associated "Catch Basins to be Adjusted" or "Manholes to be Adjusted" pay item as included in the Roadway Plans.

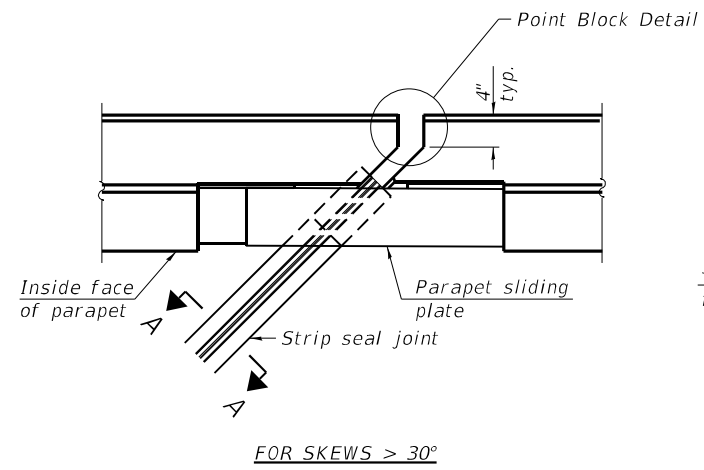
BILL OF MATERIAL

Item	Unit	Quantity
Approach Slab Repair (Full Depth)	Sq. Yd.	69
Approach Slab Repair (Partial Depth)	Sq. Yd.	45

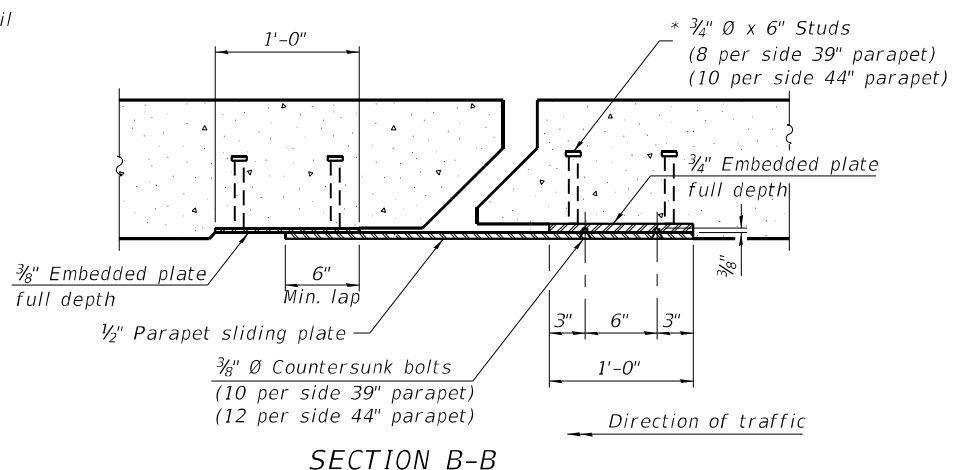


FOR SKEWS $\leq 30^\circ$

PLAN AT PARAPET

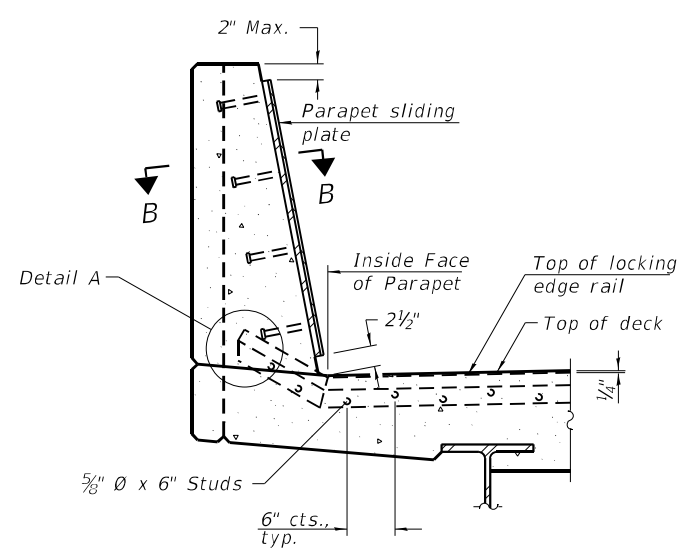


FOR SKEWS $> 30^\circ$



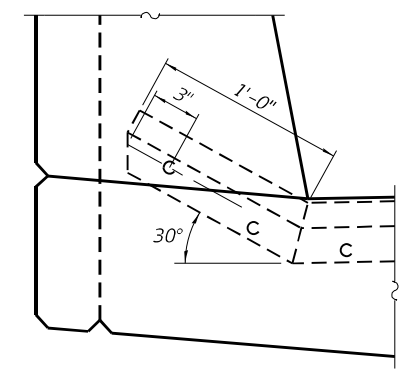
SECTION B-B

Notes:
 The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.
 The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed. Locking edge rails may exceed the 4 1/2" maximum depth provided the anchorage system is revised according to the manufacturer's recommendation.
 The manufacturer's recommended installation methods shall be followed.
 All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.
 The Maximum space between locking edge rail segments shall be 3/16" and sealed with a suitable sealant; however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.
 The top surface of sidewalk sliding plates shall have a raised pattern according to ASTM A786.
 Cost of parapet sliding plates, sidewalk sliding plates, embedded plates, anchorage studs, and expansion anchors included with Preformed Joint Strip Seal.
 39" constant slope barrier shown, 44" constant slope barrier similar as noted.
 The concrete opening below the strip seal will vary based on the locking edge rail chosen by the Contractor. Deck and parapet lengths shown elsewhere in the plans are dimensioned to the concrete opening, not the joint opening, and are based on the rolled locking edge rail. If the Contractor elects to use a different locking edge rail, dimensional adjustments may be required. One exception to this would be the strip seal joint at the end of the precast bridge approach slab. For these cases the pavement connector length shall be adjusted, not the length of the bridge approach slab.

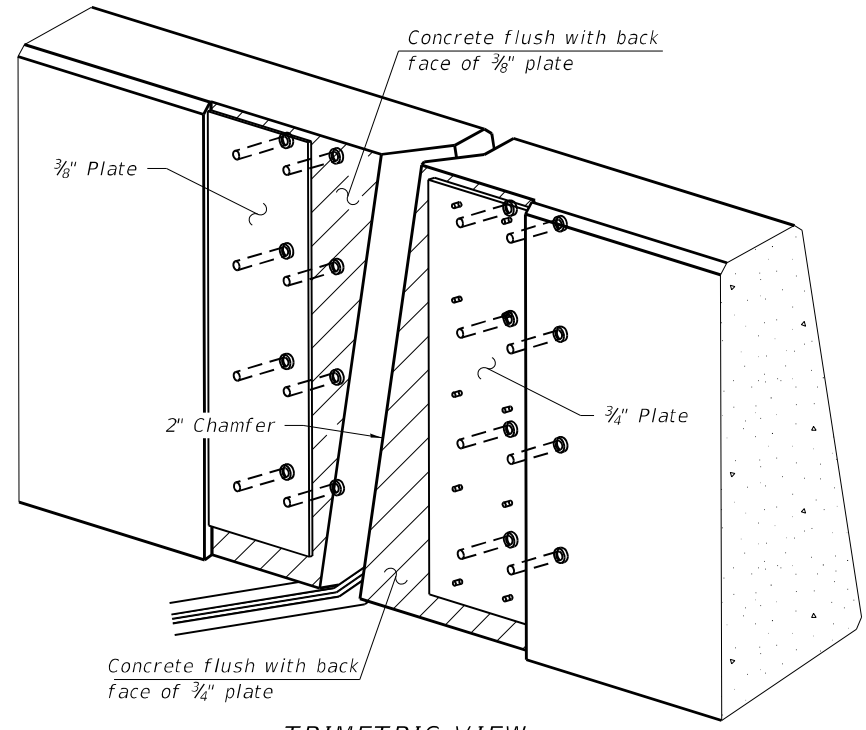


SECTION AT PARAPET

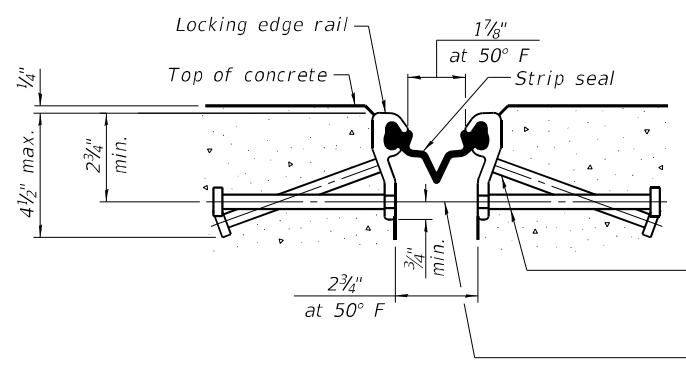
(Skews $> 30^\circ$ shown. Skews $\leq 30^\circ$ similar except as shown in plan view.)



DETAIL A

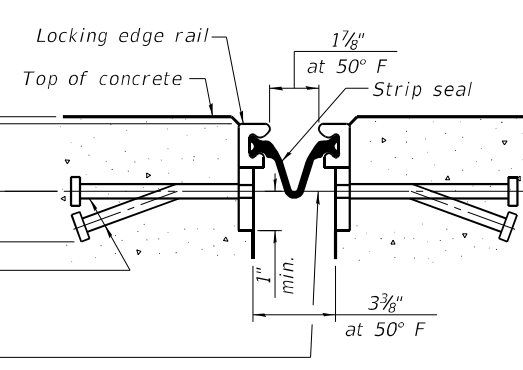


TRIMETRIC VIEW
 (Showing embedded plates only)

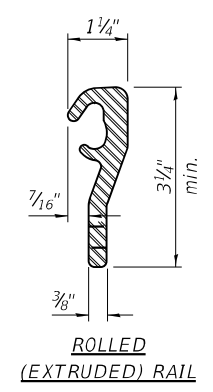


SHOWING ROLLED RAIL JOINT

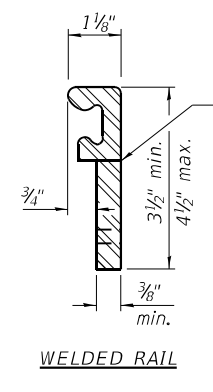
* 3/8" ϕ x 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)
 3/8" ϕ threaded rods in 7/16" ϕ holes at ± 4 -0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.



SHOWING WELDED RAIL JOINT



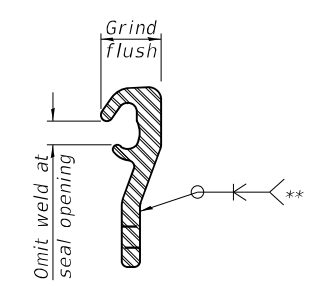
ROLLED (EXTRUDED) RAIL



WELDED RAIL

LOCKING EDGE RAILS

** Back gouge not required if complete joint penetration is verified by mock-up.



LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	158.0

MODEL: Default
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EJ-SS-S 11-1-2022

HDR 9450 W. BRYN MAWR AVE. ROSEMONT, IL 60018	DESIGNED - PS	REVISOR -
	CHECKED - BHS	REVISOR -
	DRAWN - PS	REVISOR -
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PLOT DATE = 6/14/2023		

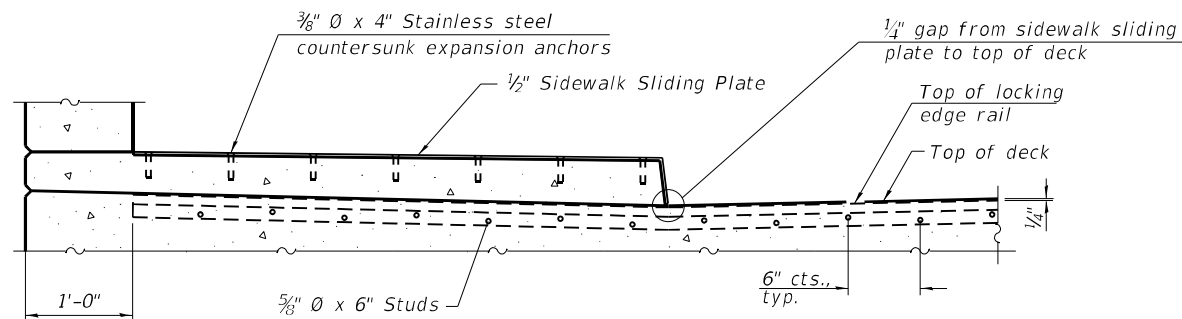
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL
 STRUCTURE NO. 099-0284

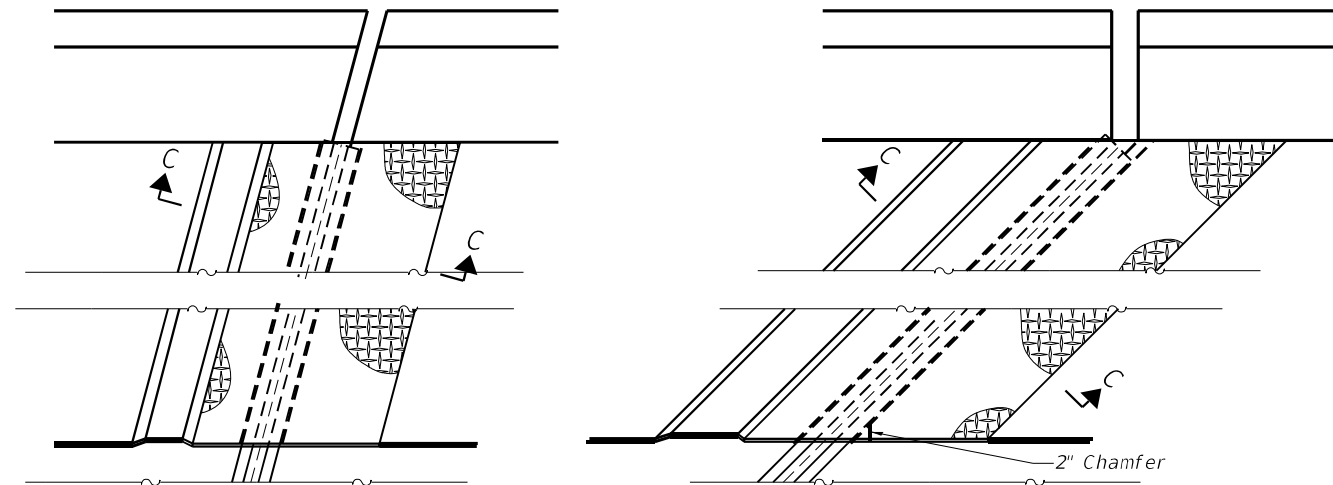
(Sheet 1 of 3)

SHEET 11 OF 19 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	0338-022-BJ	WILL	50	34
CONTRACT NO. 62T09			ILLINOIS FED. AID PROJECT	



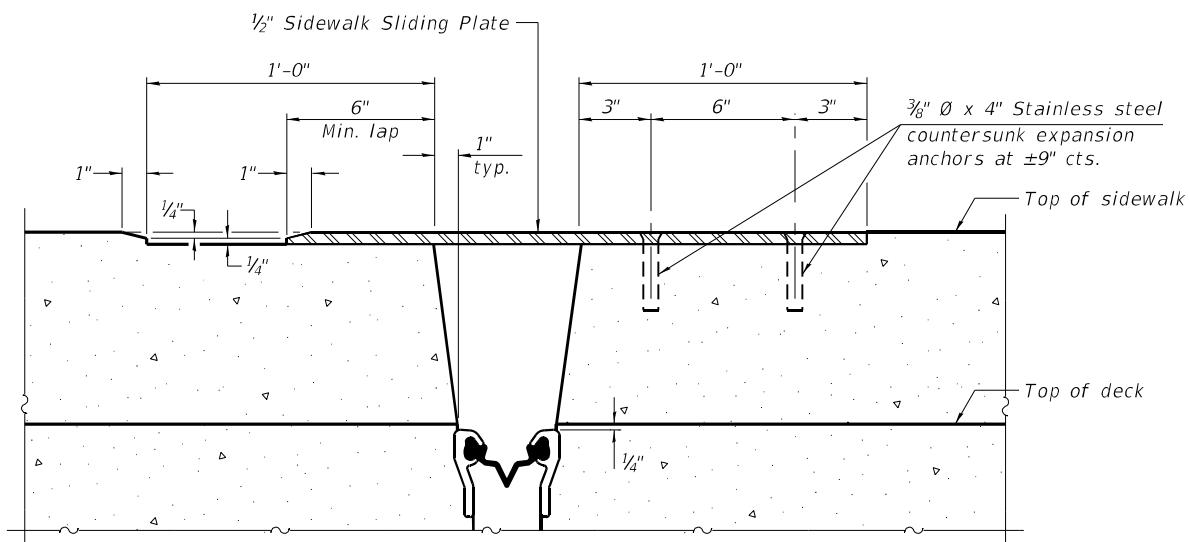
SECTION AT RAISED SIDEWALK



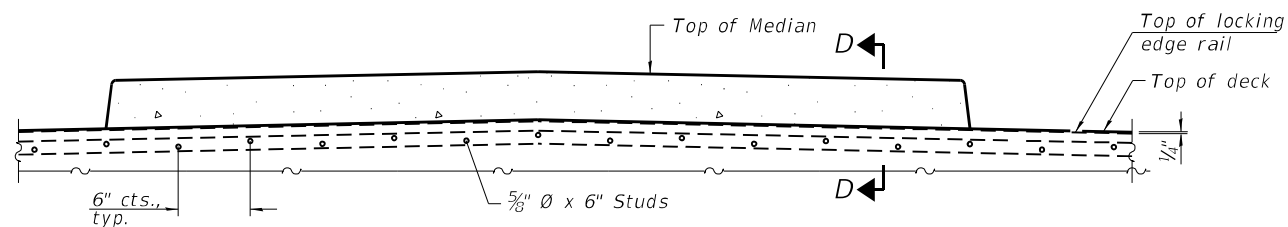
(FOR SKEWS $\leq 30^\circ$)

(FOR SKEWS $> 30^\circ$)

PLAN AT RAISED SIDEWALK

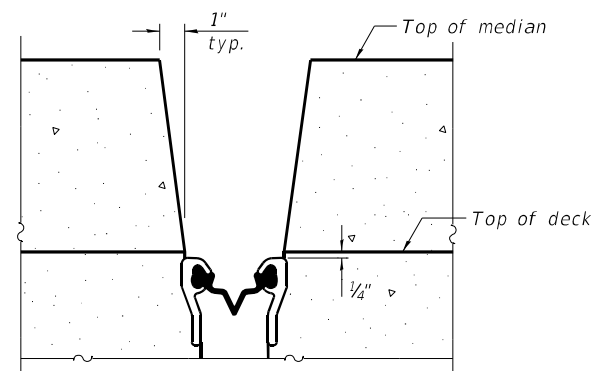


SECTION C-C

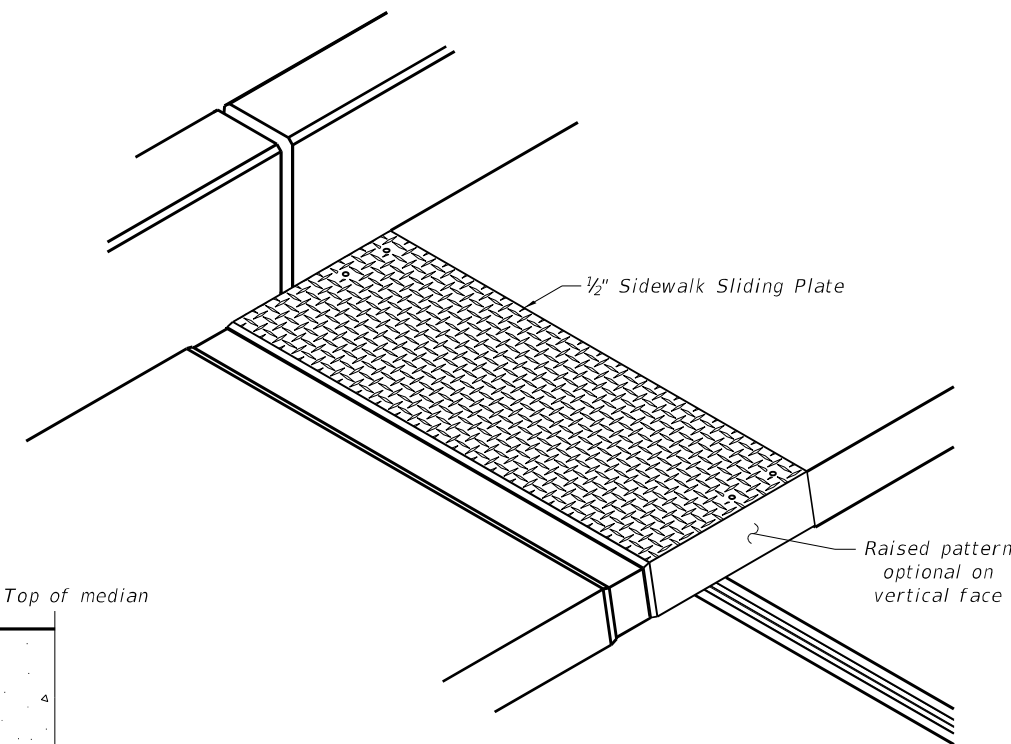


SECTION AT MEDIAN

For skews $> 30^\circ$, chamfer acute corners 2" similar to sidewalk.



SECTION D-D
(at Rt. L's)



TRIMETRIC VIEW

EJ-SS-S

11-1-2022

(Sheet 2 of 3)

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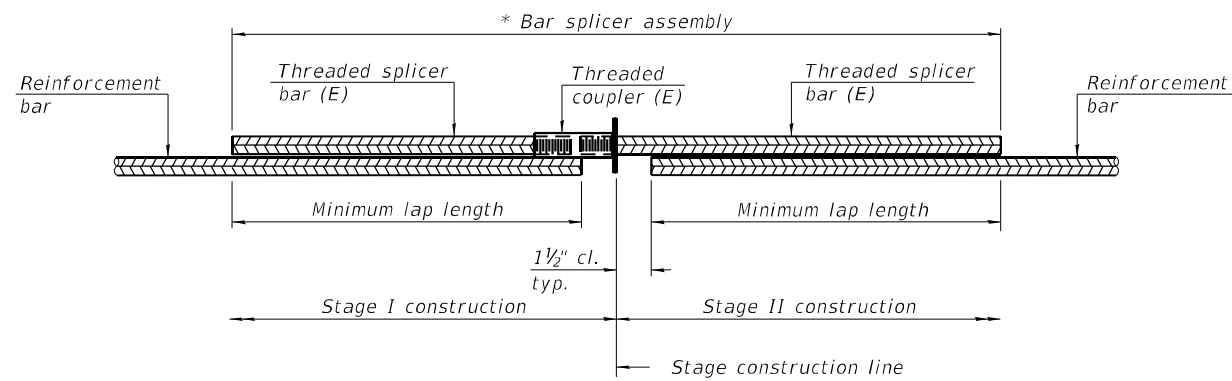
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL
STRUCTURE NO. 099-0284

SHEET 12 OF 19 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	0338-022-BJ	WILL	50	35
CONTRACT NO. 62T09				

ILLINOIS FED. AID PROJECT



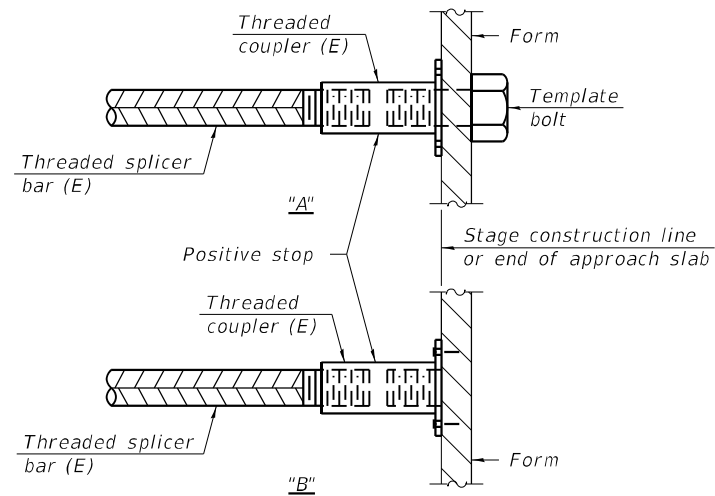
STANDARD BAR SPLICER ASSEMBLY PLAN

Only bar splicer assemblies as presented on the approved QPL list may be used.

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
Deck	#7	4	4'-8"
Backwall	#6	8	4'-0"

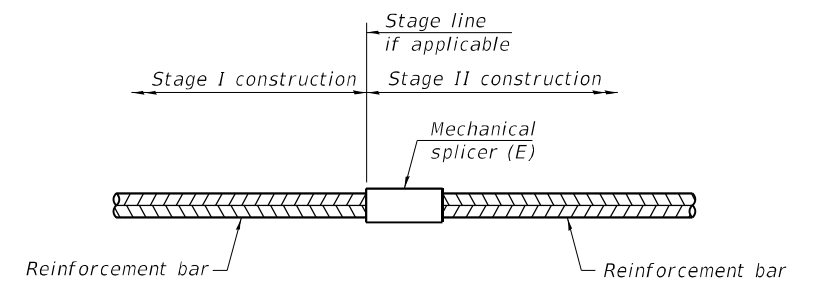


INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.

"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.

(E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required

Notes:

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.

All reinforcement shall be lapped and tied to the splicer bars.

Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.

See approved list of bar splicer assemblies and mechanical splicers for alternatives.

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BSD-1

2-1-2023



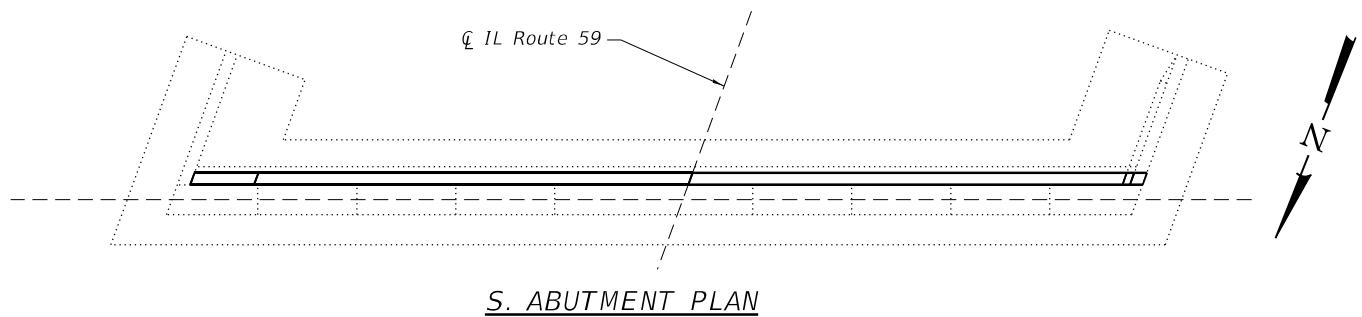
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

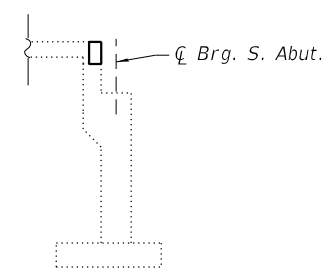
**BAR SPLICER ASSEMBLY DETAILS
STRUCTURE NO. 099-0284**

SHEET 13 OF 19 SHEETS

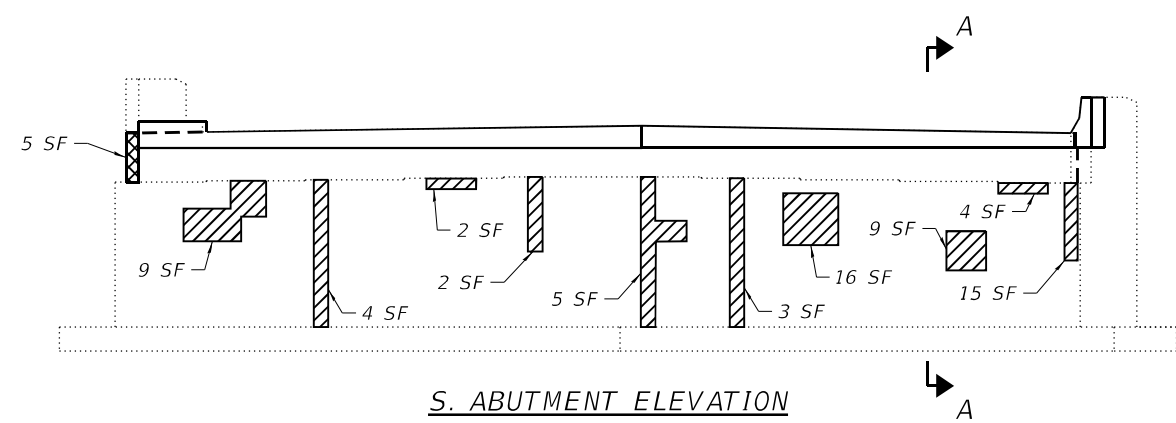
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	0338-022-BJ	WILL	50	36
CONTRACT NO. 62T09			ILLINOIS FED. AID PROJECT	



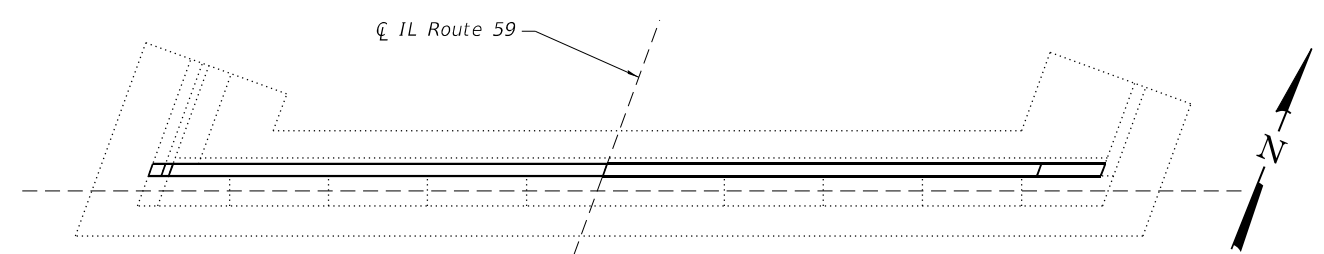
S. ABUTMENT PLAN



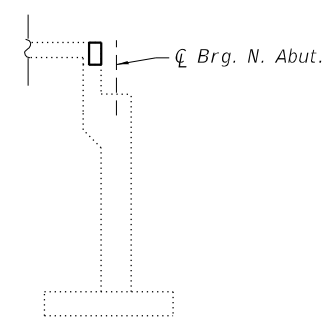
SECTION A-A



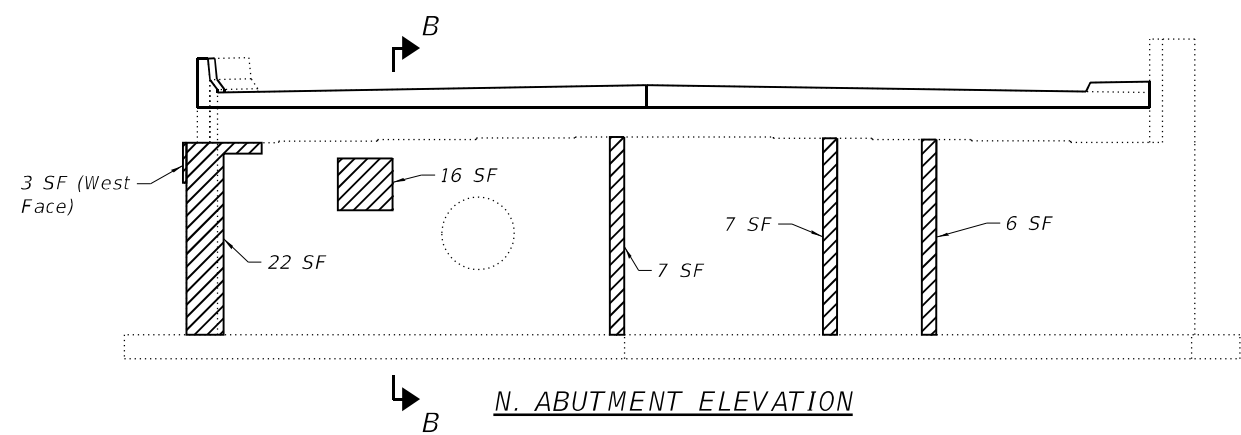
S. ABUTMENT ELEVATION



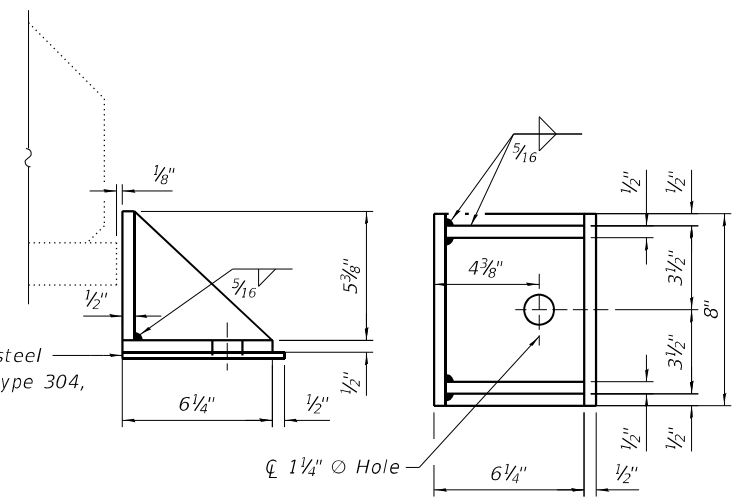
N. ABUTMENT PLAN



SECTION B-B



N. ABUTMENT ELEVATION



SIDE RETAINER

(6 Required at Abutments)

1/4" Stainless steel plate, A240, Type 304, No. 1 finish.

Notes:
 Provide 1" \times 12" All-thread anchor bolt (Grade 36) with a 2 1/4" \times 2 1/4" \times 5/16" ϕ washer under nut.
 New side retainer and stainless steel plate are paid for as Furnishing and Erecting Structural Steel.
 Removal of existing side retainer is paid for as Structural Steel Removal.
 Burn existing anchor bolts flush with existing concrete surface. Grind existing anchor bolt smooth and seal with epoxy. Cost included with Structural Steel Removal.

TWO ABUTMENTS
BILL OF MATERIAL

Item	Unit	Quantity
Furnishing and Erecting Structural Steel	Pound	130
Anchor Bolts, 1"	Each	6
Structural Repair of Concrete (Depth Equal to Or Less Than 5 Inches)	Sq. Ft.	130
Structural Repair of Concrete (Depth Greater Than 5 Inches)	Sq. Ft.	5
Structural Steel Removal	Pound	80

LEGEND

- Structural Repair of Concrete (Depth Equal to Or Less Than 5 Inches)
- Structural Repair of Concrete (Depth Greater Than 5 Inches)

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HDR
 HDR
 9450 W. BRYN MAWR AVE.
 ROSEMONT, IL 60018

USER NAME =	DESIGNED - PS	REVISED -
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PLOT SCALE =	DRAWN - PS	REVISED -
PLOT DATE = 7/27/2023	CHECKED - BHS	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ABUTMENT REPAIRS
STRUCTURE NO. 099-0284

SHEET 14 OF 19 SHEETS

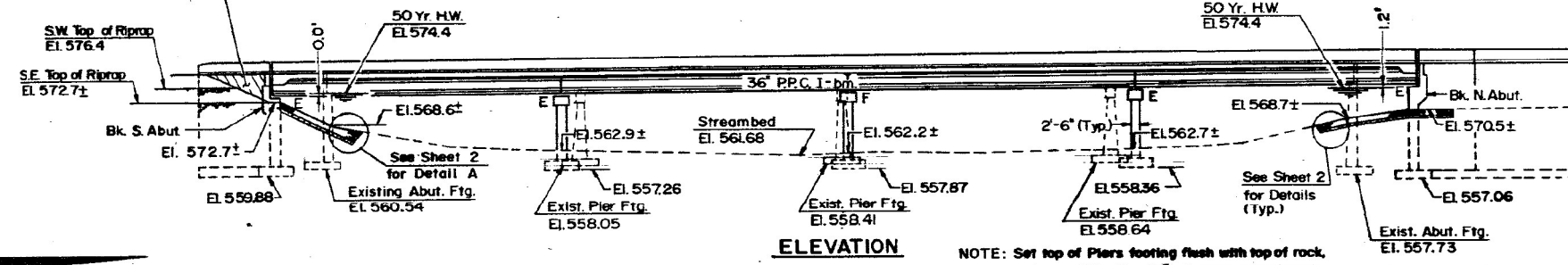
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	FAP 0338 022 BJ	WILL	50	37
CONTRACT NO. 62T09				
ILLINOIS FED. AID PROJECT				

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 108	868-R-1	WILL	124	67
FED. ROAD DIST. NO. 7			ILLINOIS PROJECT	
SHEET 1 OF 22				

B.M.: B.M. #7 Chiseled 'D' on N.E. Wingwall of
Exist. Bridge. Elev. 579.54.

Exist. Structure: S.N. 099-0144, Ill. Rt. 59 over the Du Page River. Built in 1934 & rehabilitated
in 1967. Four Spans, concrete T-Beams superstructure, 217.0' long, 51.5' wide.
Solid concrete piers & closed concrete abutments on spread footings. To be removed.
No salvage. Traffic to be maintained utilizing stage construction.

This portion of Embankment
backfill by Bridge Contractor
after abutment is in place.

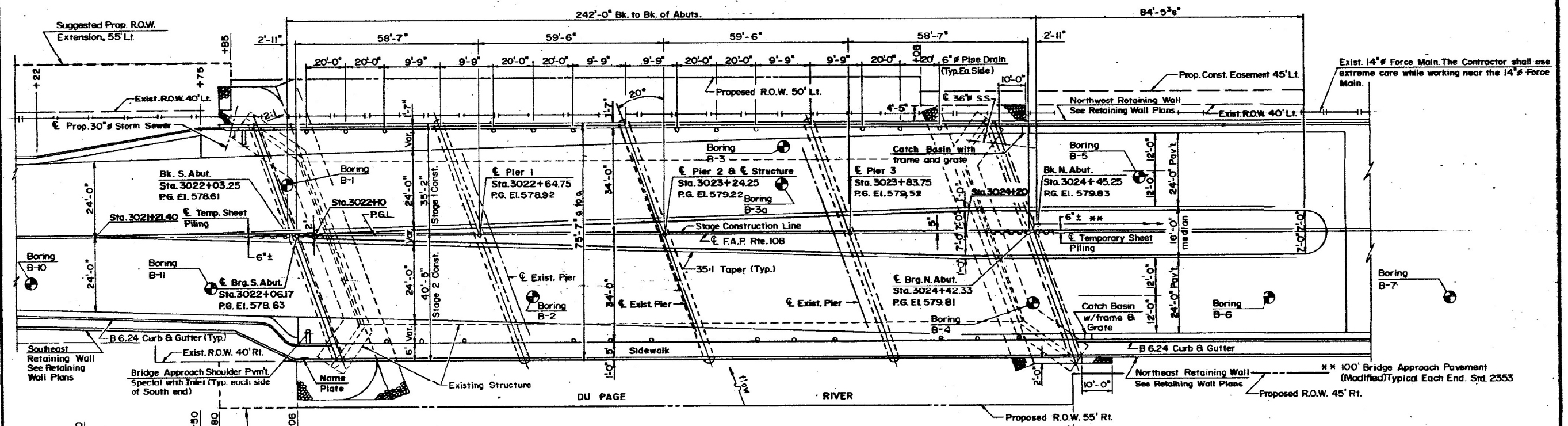


ELEVATION

NOTE: Set top of Piers footing flush with top of rock,
or base of footing 12" min. into sound rock,
whichever is deeper.

GENERAL NOTES

See Proposal for Boring Data.
All structural steel shall be shop painted with the zinc-silicate and
vinyl paint system. The color of the Vinyl finish coats shall be Munsell No. 7.5G4/6.
Reinforcement bars shall conform to the requirements of AASHTO A-51,
A-42 or A-53 Grade 60.
Layout of slope protection system may be varied in the field to suit
ground conditions as directed by the Engineer.
The back face of Closed Abutments and Wingwalls shall be
waterproofed according to Article 503.11 of the Standard Specifications.
The information shown on the temporary sheet piling is estimated.
See Special Provisions.
Calculated area of Bridge Seat Sealer is 383 sq. ft.



PLAN

APPROVED
FOR STRUCTURAL ADEQUACY ONLY

James K. Howard
Licensed Structural Engineer

See Sheet 3 for Abutment Footing Layout.

PROPOSED PROFILE GRADE

WATERWAY INFORMATION

Drainage Area = 330 Sq. mi. Low Grade Elev. 576.03 at Sta. 3016+00 (Exist & Proposed)

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	10	8626	1623	1685	572.05	0.1	0.1	572.15	572.15
Base	50	11,950	1896	1996	573.50	0.1	0.1	573.60	573.60
Overtopping	100	13,685	2107	2117	574.07	0.1	0.1	547.17	574.17
Max. Calc.	500	17,300	2220	2258	575.08	0.1	0.1	575.18	575.18

STATION 3023+24.25
BUILT 199 BY
STATE OF ILLINOIS
F.A.P. RT. 108 SEC. 868-R-1(88)
F.A. PROJ. EBF-336(1)
LOADING HS 20
STR NO 099-0284

NAME PLATE
STD. 2113

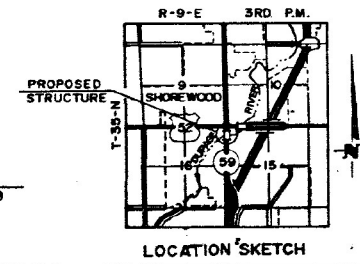
DESIGN SPECIFICATIONS
1989 AASHTO SPECS.
and 1983 Selsam Guide Specifications
LOADING HS 20-44
Allow 25#/sq. ft. for future wearing surface

DESIGN STRESSES FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi (Reint)

PRECAST PRESTRESSED UNITS
f'c = 6,000
fci = 5,000
f's = 270,000 psi (2"Ø Strands)
f'si = 189,000 psi (2"Ø Strands)



Wei Hsiung
Illinois Structural No. 2919



GENERAL PLAN & ELEVATION
ILL. RTE. 59 OVER DU PAGE RIVER
F.A.P. RTE. 108 SEC. 868-R-1(88)
WILL COUNTY
STA. 3023+24.25
STRUCTURE NO. 099-0284

HSIONG ASSOCIATES LTD.
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DRAWN: B.M.H. DATE: NO. H-0284

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HDR
9450 W. BRYN MAWR AVE.
ROSEMONT, IL 60018

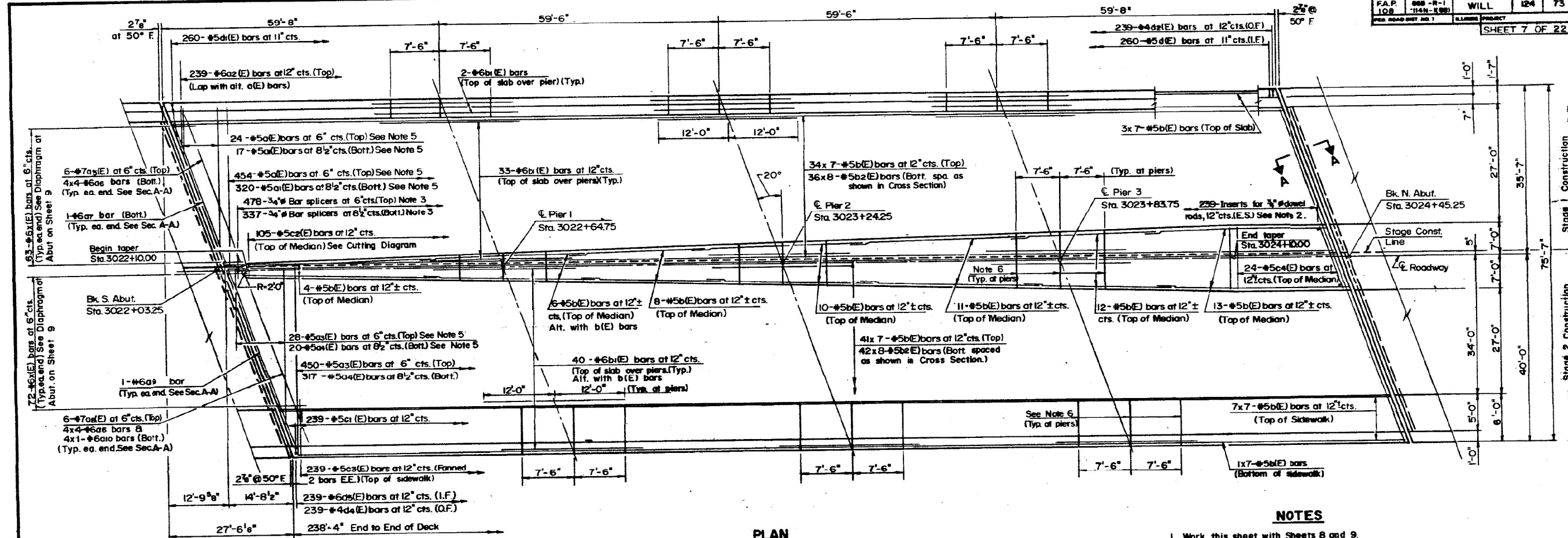
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	CHECKED - BHS	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS (FOR REFERENCE ONLY)
STRUCTURE NO. 099-0284

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	0338-022-BJ	WILL	50	38
CONTRACT NO. 62T09				
ILLINOIS FED. AID PROJECT				

ROUTE NO.	SECTION	SUBJECT	TOTAL SHEETS	SHEET NO.
F.A.P. 108	86B-R-1	WILL	124	73
PROJECT		SHEET 7 OF 22		



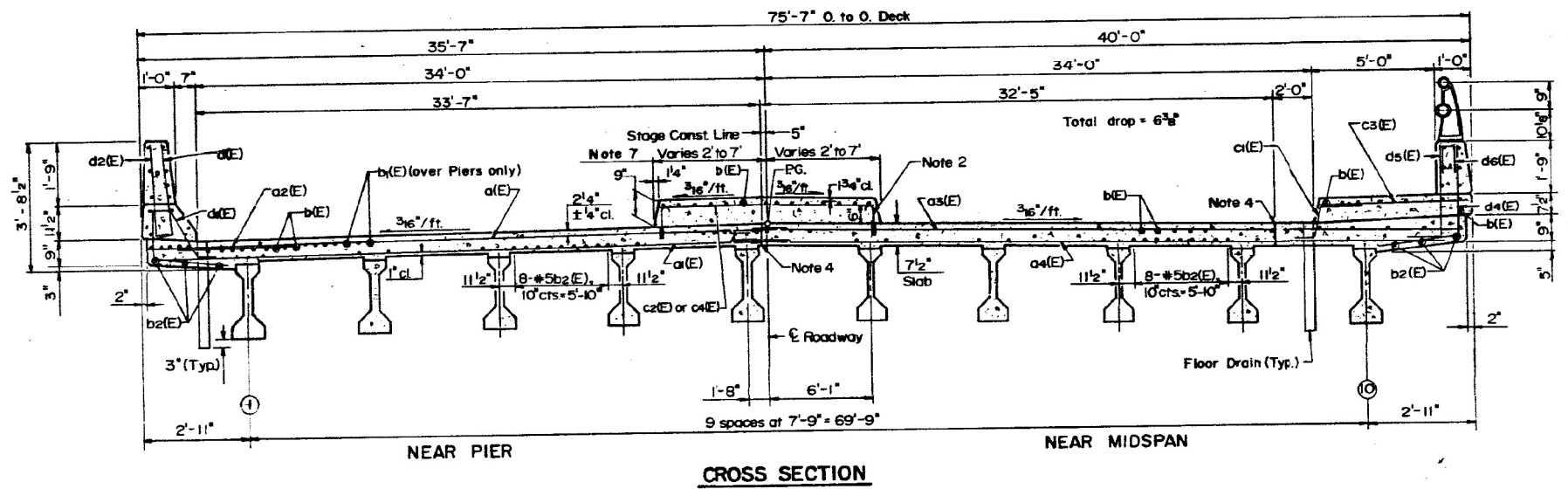
PLAN

MIN. BAR LAP

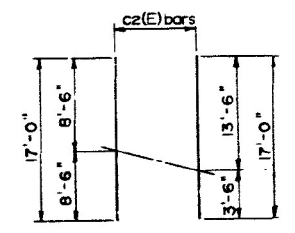
#4	1'-8"
#5	2'-2"

NOTES

1. Work this sheet with Sheets 8 and 9.
2. Insert for 3/4" # threaded dowel rods, Type A (E), See Sheet 21.
3. 3/4" # Threaded or Coil Rods with Splicers are to be single coil, flared loop Type, Type B (E), See Sheet 21.
4. Longitudinal Bonded Construction Joint, do not edge.
5. Order bars full length, cut to fit skew and use remainder of bars in opposite end.
6. 1" deep sawed joint in top of median or sidewalk.
7. Median shall be constructed in Stage 3.
8. Reinforcement bars designated "E" shall be epoxy coated.
9. See Sht. 9 of 22 for Sec. A-A.



CROSS SECTION



CUTTING DIAGRAM

Order c2(E) bars full length. Cut to fit taper and use remainder of bars in opposite end progressing toward the middle of taper.

SUPERSTRUCTURE
F.A.P. 108 SECTION 86B-R(88)
WILL COUNTY
STA. 3023+24.25

HSIONG ASSOCIATES LTD.
 DESIGNED: G.J.G. CHECKED: W.H.
 DRAWN: RDL DATE: NO. H-0538

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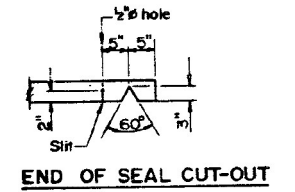
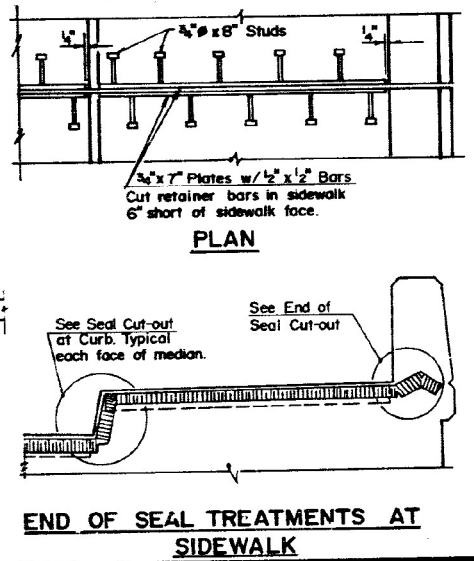
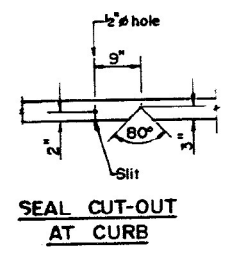
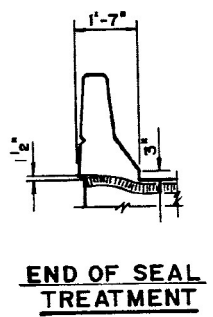
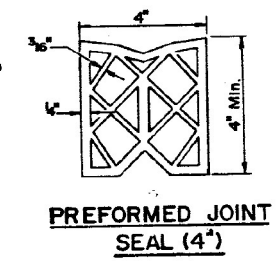
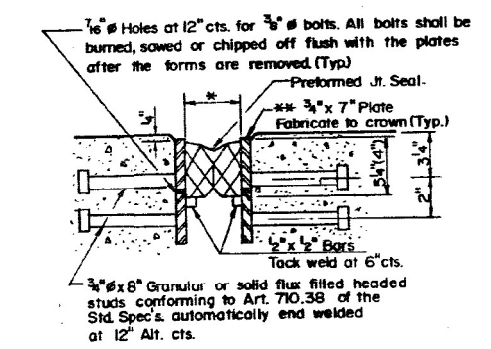
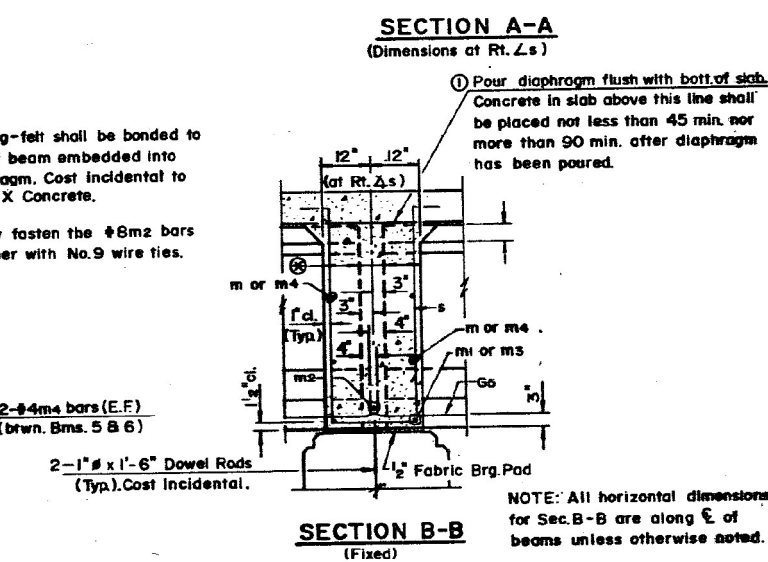
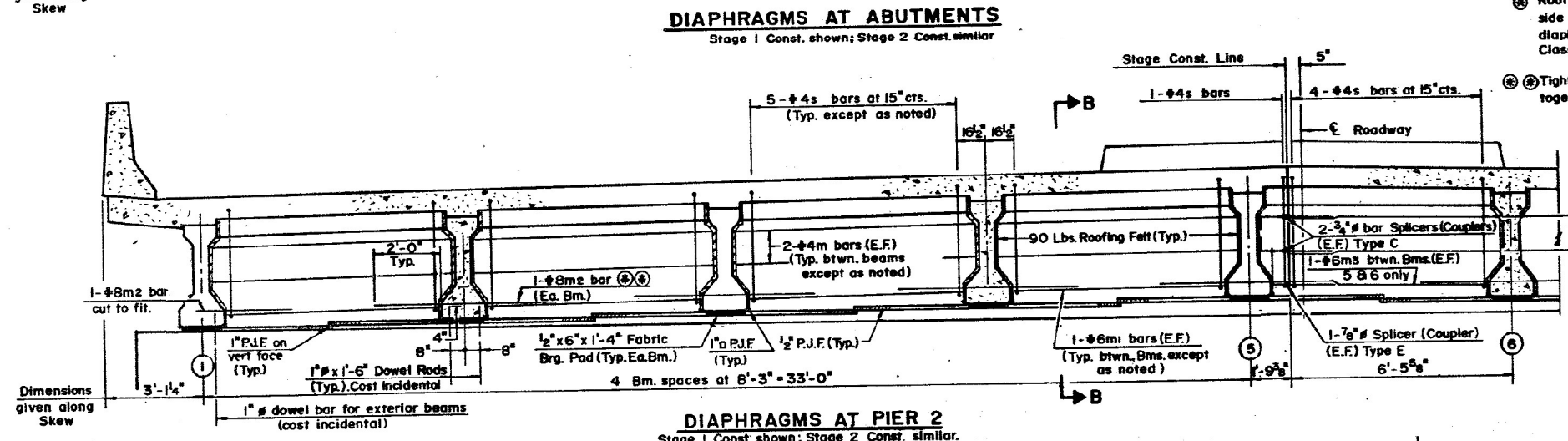
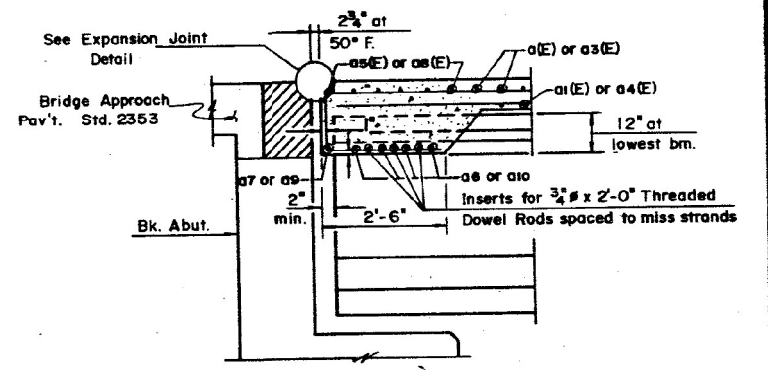
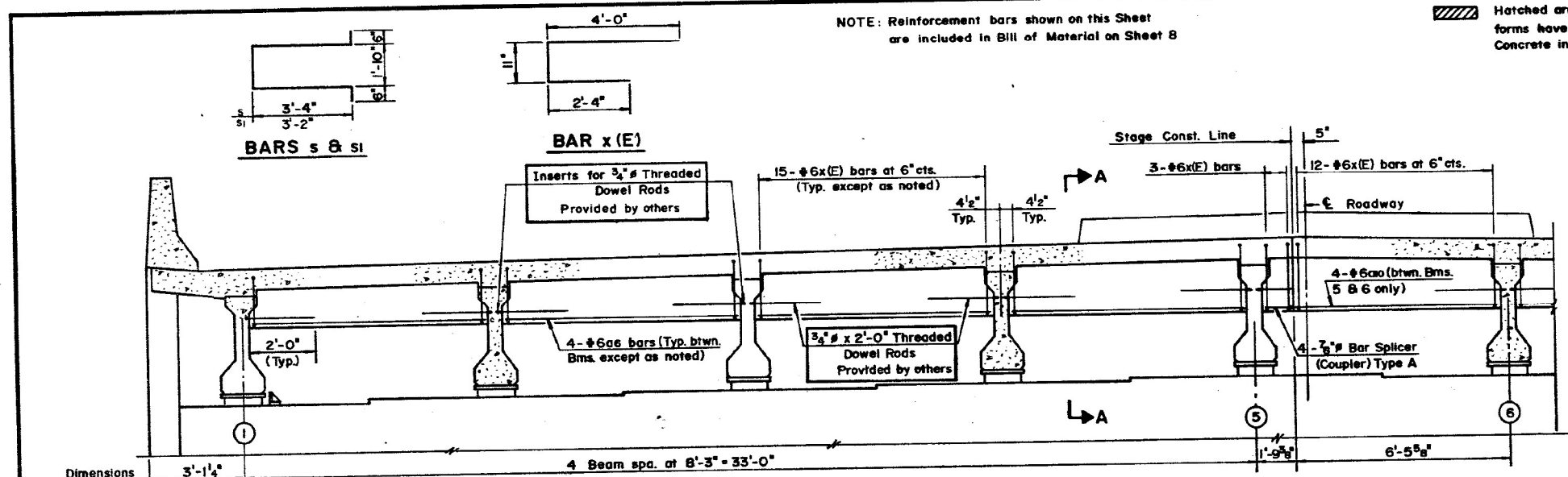
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS (FOR REFERENCE ONLY)
 STRUCTURE NO. 099-0284

SHEET 16 OF 19 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	0338-022-BJ	WILL	50	39
CONTRACT NO. 62T09				
ILLINOIS FED. AID PROJECT				

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 108	86B-R-1 (14 N-K 88)	WILL	124	75
FED. ROAD DIST. NO. 7	ILLINOIS PROJECT			
				SHEET 9 OF 22



DIAPHRAGM DETAILS
F.A.P. RTE. 108 SEC 86B-R-1(88)
WILL COUNTY
STA. 3023+24.25

HSIONG ASSOCIATES LTD.

DESIGNED: S.J.S. CHECKED: W.H.
 DRAWN: R.H.H. DATE: NO. H-0838

NOTE: Reinforcement bars shown on this sheet are included in Bill of Material on Sheet 8

Hatched area to be poured after superstructure forms have been removed. Quantity of Class X Concrete included with Superstructure.

Dimensions given along Skew

DIAPHRAGMS AT ABUTMENTS
 Stage 1 Const. shown; Stage 2 Const. similar

DIAPHRAGMS AT PIER 2
 Stage 1 Const. shown; Stage 2 Const. similar.

EXPANSION JOINT AT ABUTMENTS

** Furnish in segments of 20 ft. maximum length. Maximum space between installed segments shall be 3/16\"/>

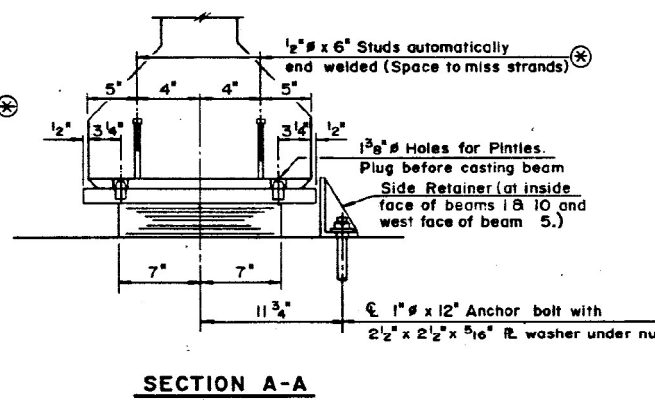
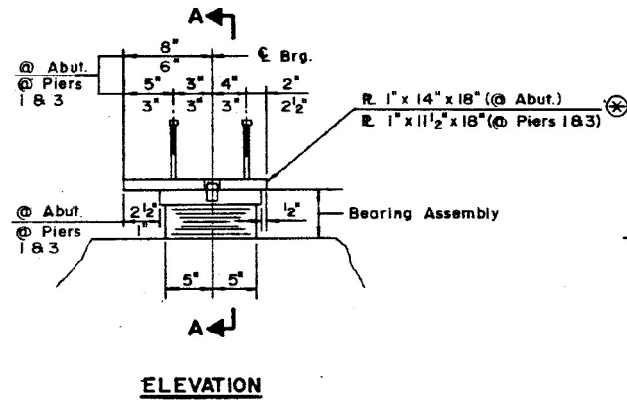
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS (FOR REFERENCE ONLY)
 STRUCTURE NO. 099-0284

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	0338-022-BJ	WILL	50	40
			CONTRACT NO. 62T09	
		ILLINOIS	FED. AID PROJECT	

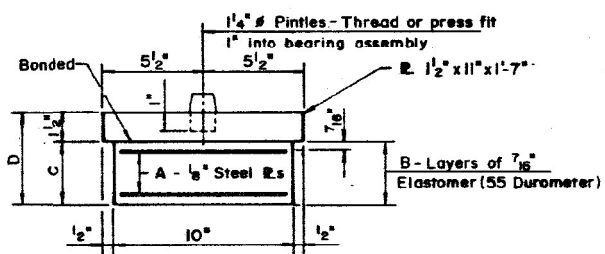
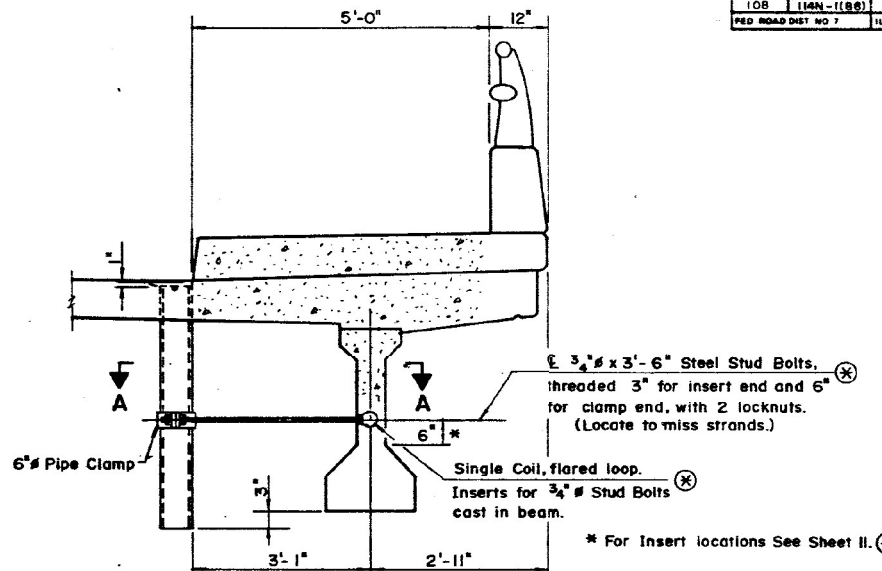
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 6/14/2023 4:32:30 PM

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 108	86B-R-1 (14N-1188)	WILL	124	78
FED. ROAD DIST. NO. 7	ILLINOIS PROJECT		SHEET 12 OF 22	



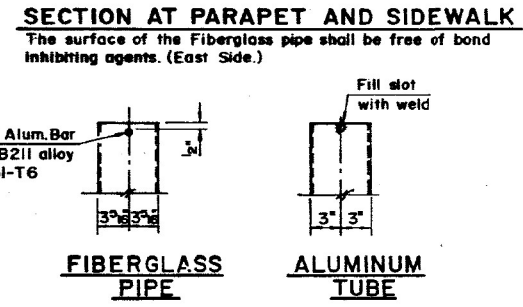
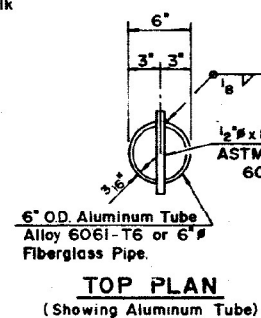
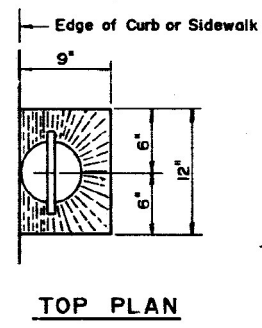
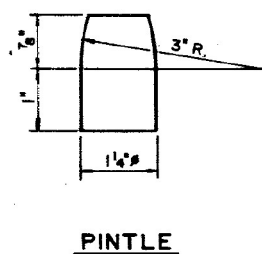
TYPE I ELASTOMERIC EXP. BRG.
No. Req'd. @ Abutments = 20
No. Req'd. @ Piers 1 & 3 = 40

NOTE: After beams have been erected holes at expansion bearing shall be drilled and anchor bolts grouted in place.

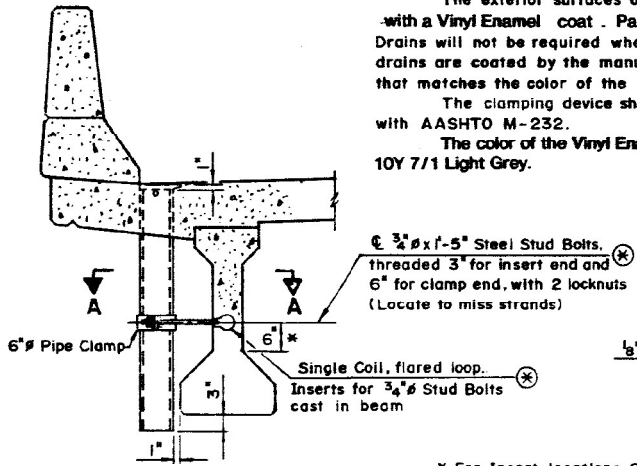
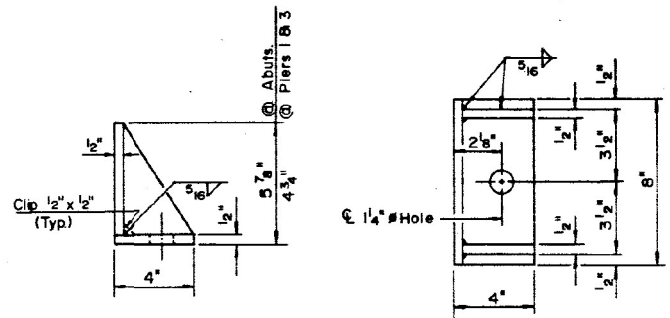


NOTE: Shim plates shall not be placed under bearing assembly.

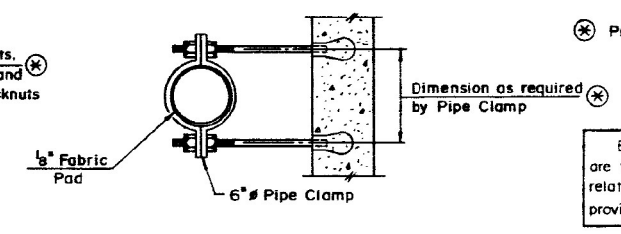
	A	B	C	D
① Abut.	6	7	3 13/16	5 1/16
② P-1 & 3	4	5	2 1/16	4 3/16



NOTE: Fiberglass pipe shall conform to ASTM D2996, with short-time rupture strength hoop tensile stress of 30,000 p.s.i. minimum. The exterior surfaces of Fiberglass Floor Drains shall be painted with a Vinyl Enamel coat. Painting of the Fiberglass Floor Drains will not be required when the exterior surfaces of the furnished drains are coated by the manufacturer with silver pigment or a pigment that matches the color of the concrete beam. The clamping device shall be galvanized in accordance with AASHTO M-232. The color of the Vinyl Enamel coat shall be Munsell Std. 10Y 7/1 Light Grey.



* For Insert locations See Sheet II.*



* Provided by others.

Bearings and Girders are furnished by others. Details related to fabrication are provided for information only.

BEARING & FLOOR DRAIN DETAILS
F.A.P. RTE. 108 SEC. 86B-R-1(88)
WILL COUNTY
STA. 3023+24 25
HSIONG ASSOCIATES LTD.
DESIGNED: WH CHECKED: G.J.G.
DRAWN: R.H.H. DATE: NO. H-0538

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS (FOR REFERENCE ONLY)
STRUCTURE NO. 099-0284

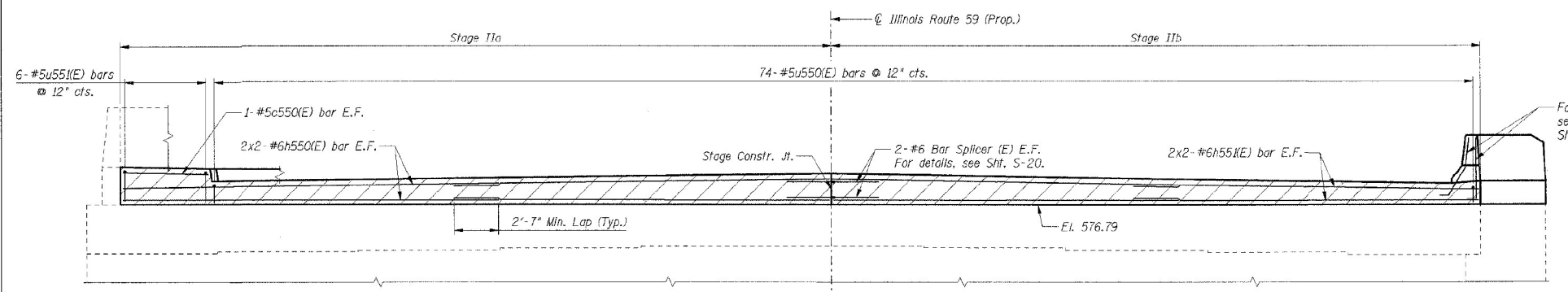
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	0338-022-BJ	WILL	50	41
CONTRACT NO. 62T09				
ILLINOIS FED. AID PROJECT				

SHEET 18 OF 19 SHEETS

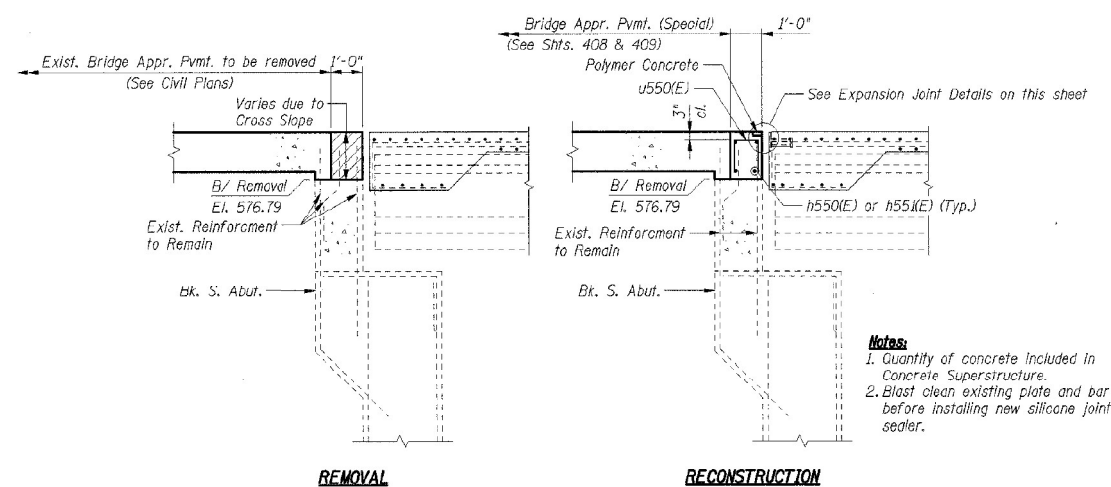
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MODEL: Default
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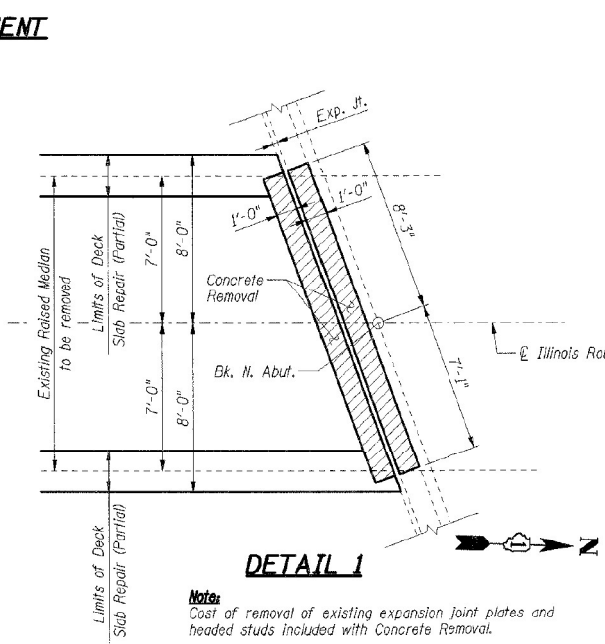
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	608	373
STA. TO STA.				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
* 026, 26HB-1 & 114 R-2				
CONTRACT NO. 60363				



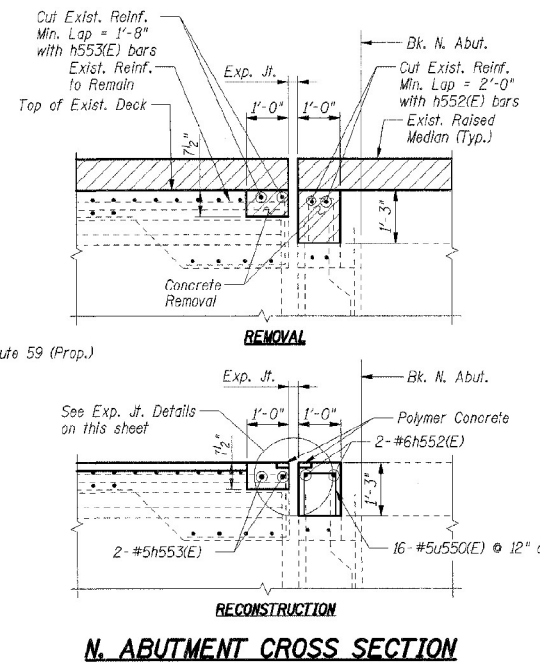
ELEVATION SOUTH ABUTMENT
(Looking South)



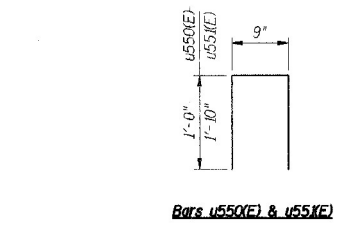
S. ABUTMENT CROSS SECTION



DETAIL 1



N. ABUTMENT CROSS SECTION



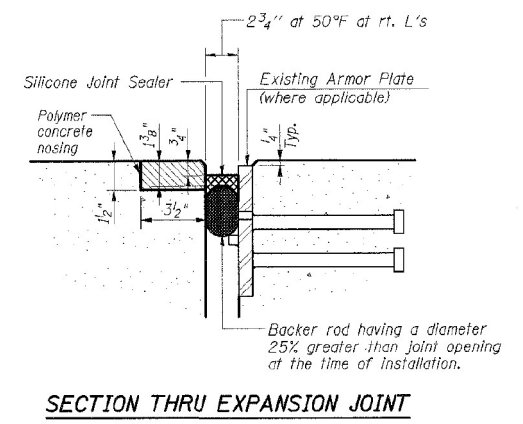
BAR LIST

Bar	No.	Size	Length	Shape
c550(E)	2	#5	4'-10"	—
h550(E)	8	#6	21'-11"	—
h551(E)	8	#6	20'-1"	—
h552(E)	2	#6	15'-2"	—
h553(E)	2	#5	15'-2"	—
u550(E)	90	#5	2'-9"	□
u551(E)	6	#5	4'-5"	□

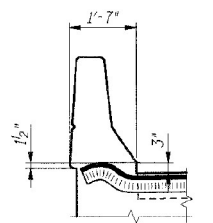
LEGEND

- Concrete Removal
- Deck Slab Repair (Partial)

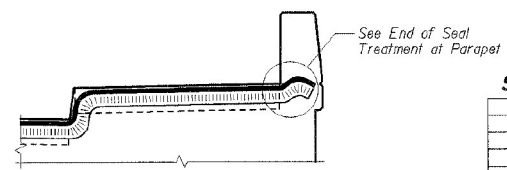
- Notes:**
- Work this sheet with Sheet SB-1.
 - Bars indicated thus: 4x2-#5 etc. indicates 4 lines of bars with 2 lengths per line.
 - All edges shall have a 3/4" chamfer unless noted otherwise.
 - E.F. denotes Each Face.



SECTION THRU EXPANSION JOINT



END OF SEAL TREATMENT AT PARAPET



END OF SEAL TREATMENT AT SIDEWALK

SHT. SB-2 OF SB-2

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 338 (ILLINOIS ROUTE 59)
IL ROUTE 59 OVER DUPAGE RIVER
SECTION (26, 26HB-1 & 114) R-2
STRUCTURE NUMBER 099-0284
STATION 7523+24.25, WILL COUNTY

DATE: 03/14/08
DRAWN BY: CCE
CHECKED BY: TMH
TENG

MODEL: Default
FILE NAME: p:\v\p\h\h\scen01\HDR_US_Central_01\Documents\10003535\1035101616.0_CAD_BIM\6.2_WIP\6.2.3_CADD_Sheet\Structures\0990284-62T09-XX-ASBUILT-05.dgn

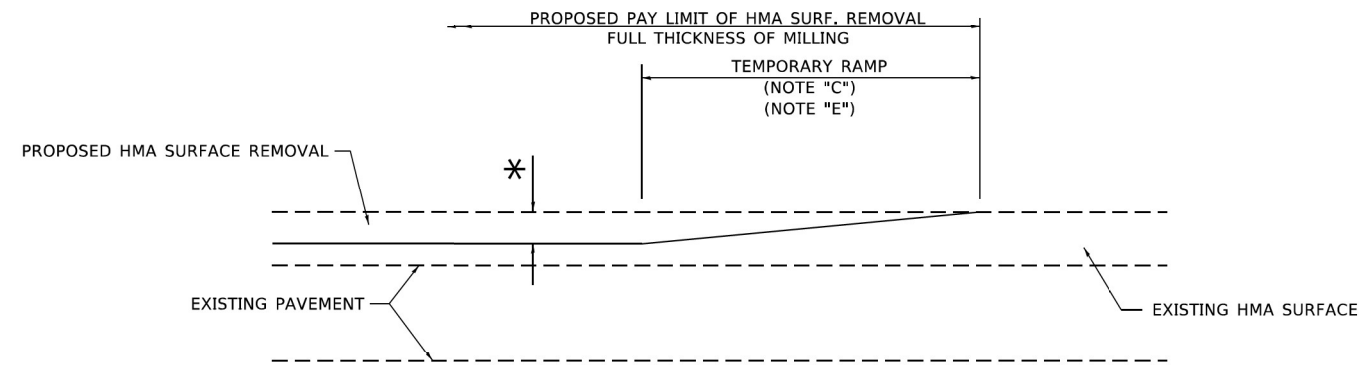
HDR
HDR
9450 W. BRYN MAWR AVE.
ROSEMONT, IL 60018

USER NAME =	DESIGNED — PS	REVISED —
PLOT SCALE =	CHECKED — BHS	REVISED —
PLOT DATE = 6/14/2023	DRAWN — PS	REVISED —
	CHECKED — BHS	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS (FOR REFERENCE ONLY)
STRUCTURE NO. 099-0284

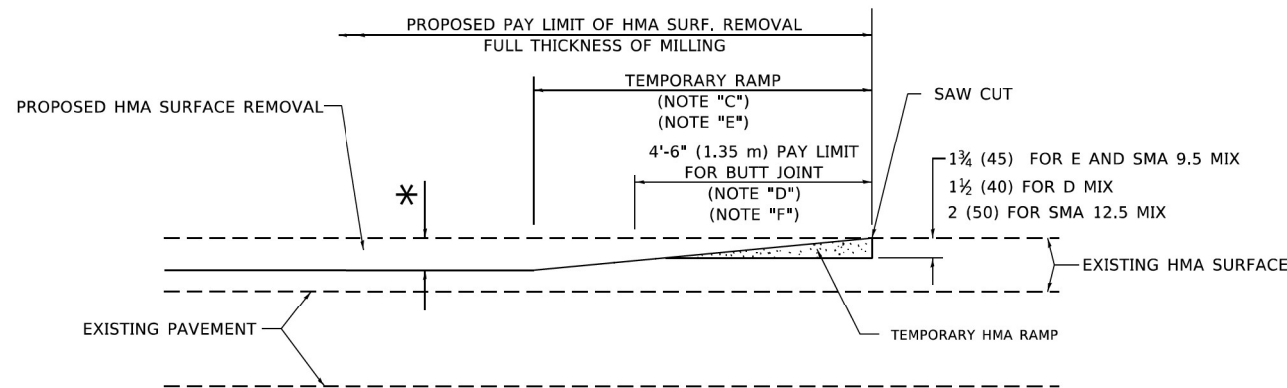
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	0338-022-BJ	WILL	50	42
CONTRACT NO. 62T09				
ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

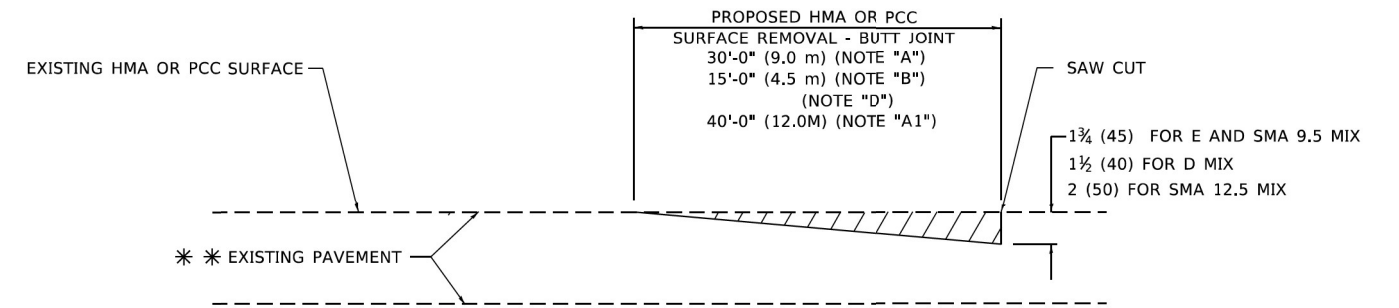


HMA CONSTRUCTED TEMPORARY RAMP

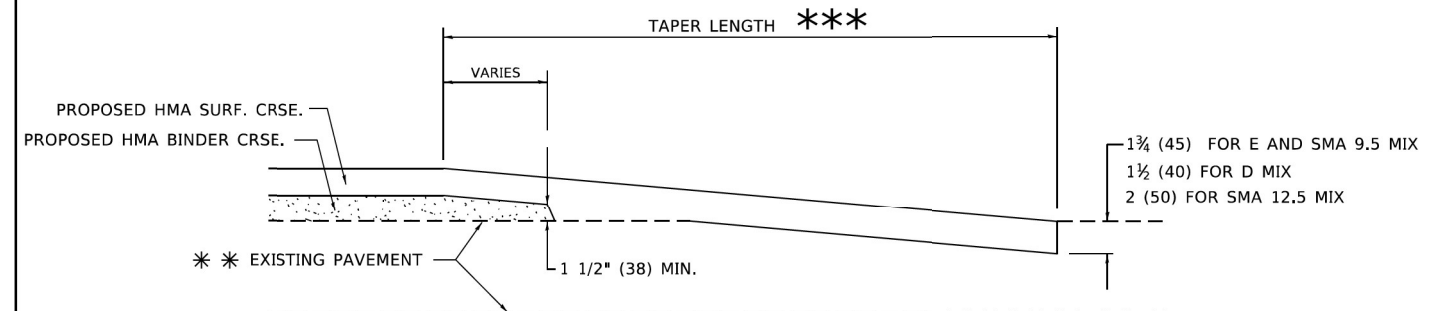
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

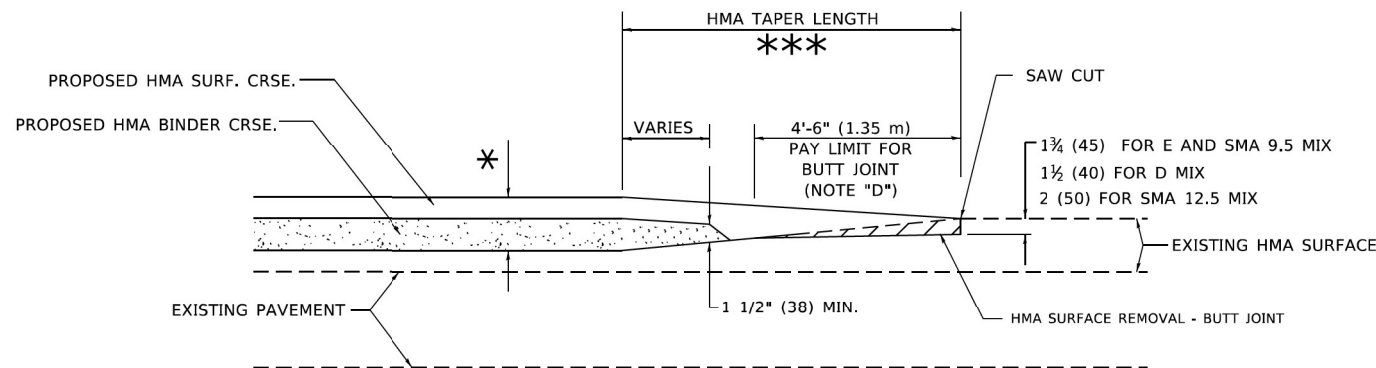
GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

- 1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

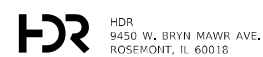
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

MODEL: Defaul; FILE NAME: W:\BASS0223\410632.dgn



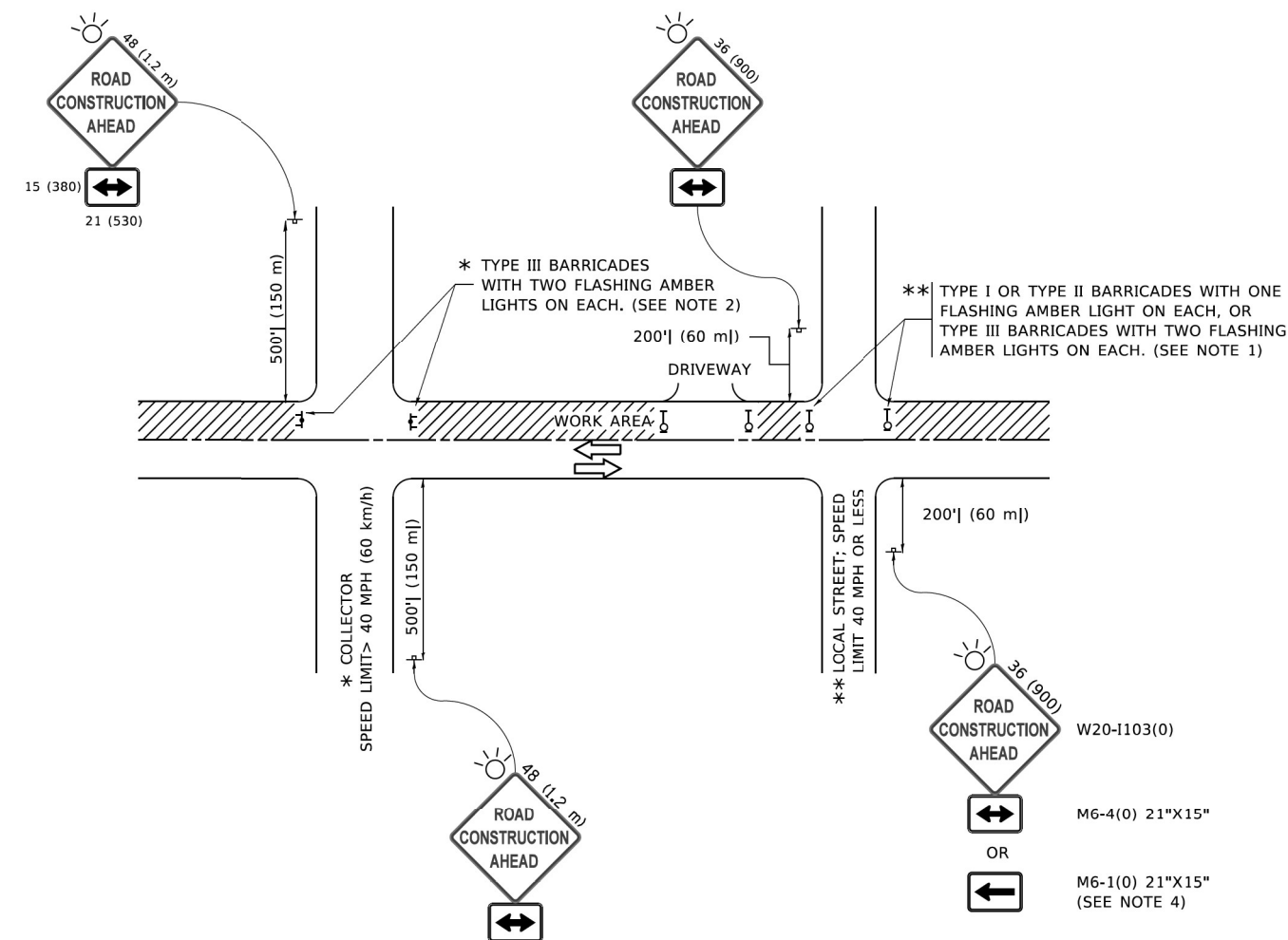
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	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 2/2/2022	DATE - 06-13-90	REVISED - K. SMITH 02-01-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	0338-22-BJ	WILL	50	43
BD400-05 BD-32		CONTRACT NO. 62T09		
ILLINOIS FED. AID PROJECT				



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

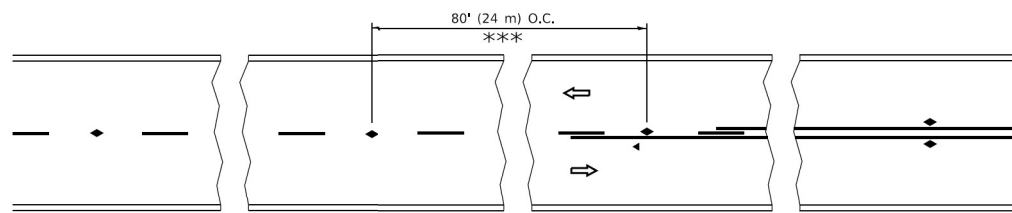
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HDR 9450 W. BRYN MAWR AVE. ROSEMONT, IL 60018	USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
	PLOT SCALE = 50,0000 1/16"	CHECKED -	REVISED - T. RAMMACHER 01-06-00
	PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
			REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

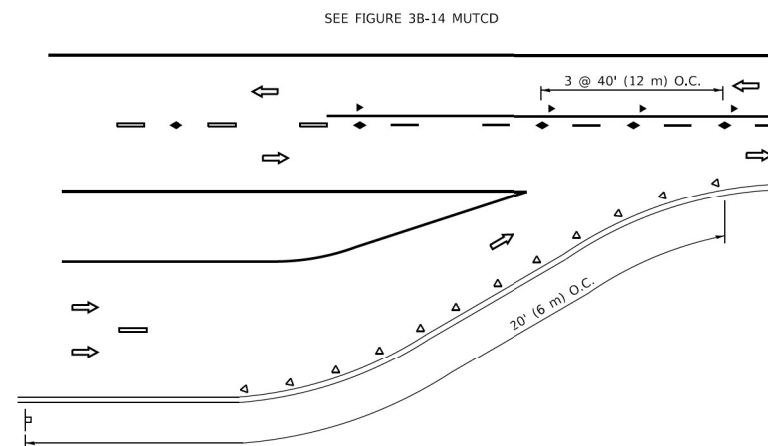
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	0338-22-BJ	WILL	50	44
TC-10			CONTRACT NO. 62T09	
ILLINOIS FED. AID PROJECT				

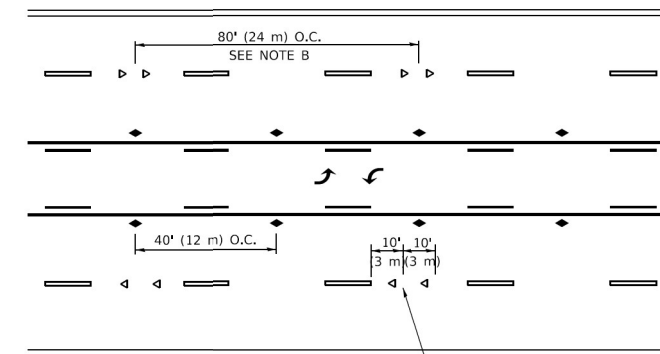


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

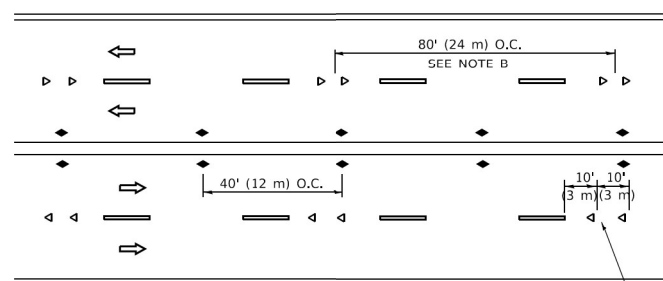
TWO-LANE/TWO-WAY



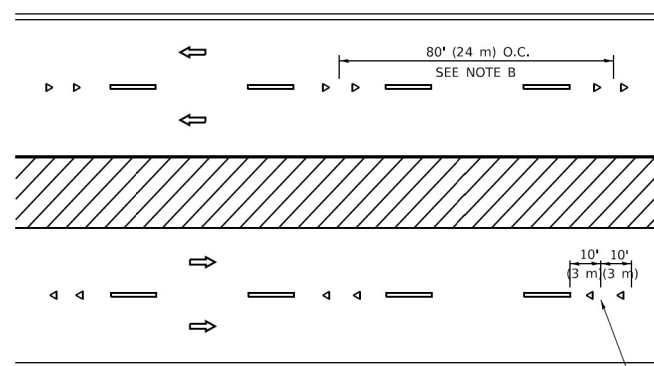
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

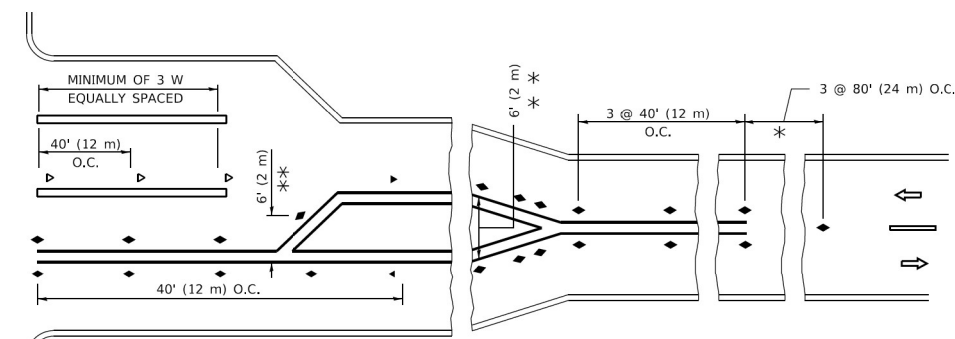
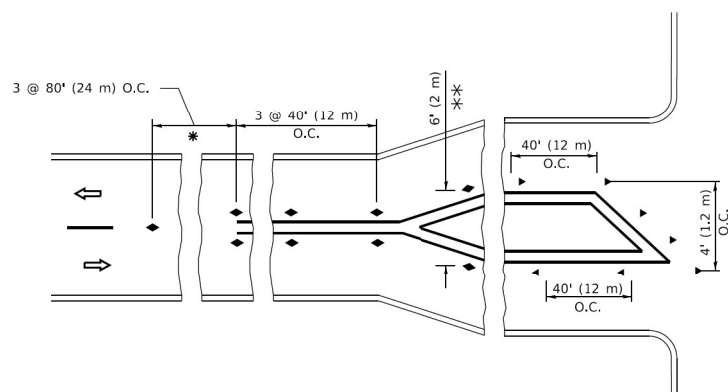
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CJBRS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



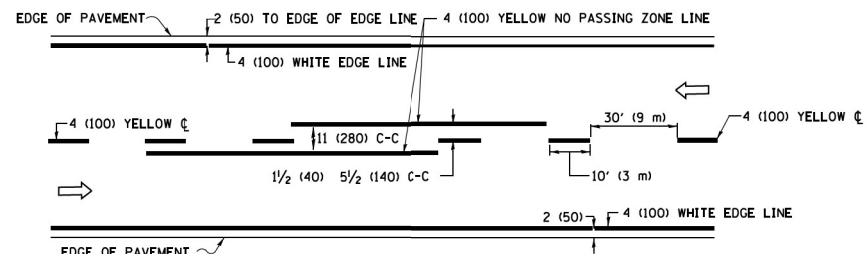
TURN LANES

* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

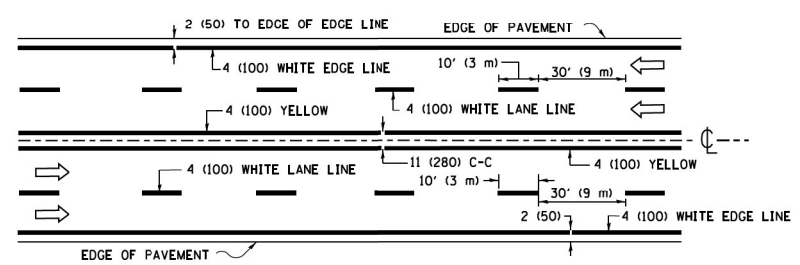
All dimensions are in inches (millimeters) unless otherwise shown.

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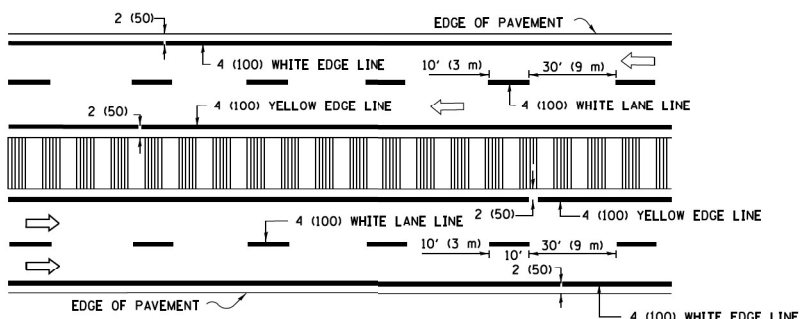
HDR 9450 W. BRYN MAWR AVE. ROSEMONT, IL 60018	USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-12-99	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50,0000' / 1"	DRAWN -	REVISED - T. RAMMACHER 01-06-00		338	0338-22-BJ	WILL	50	45			
PLOT DATE = 3/4/2019	CHECKED -	REVISED - C. JUCIUS 09-09-09	SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.			TC-11		CONTRACT NO. 62T09				
	DATE -	REVISED - C. JUCIUS 07-01-13				ILLINOIS FED. AID PROJECT						



2-LANE ROADWAY

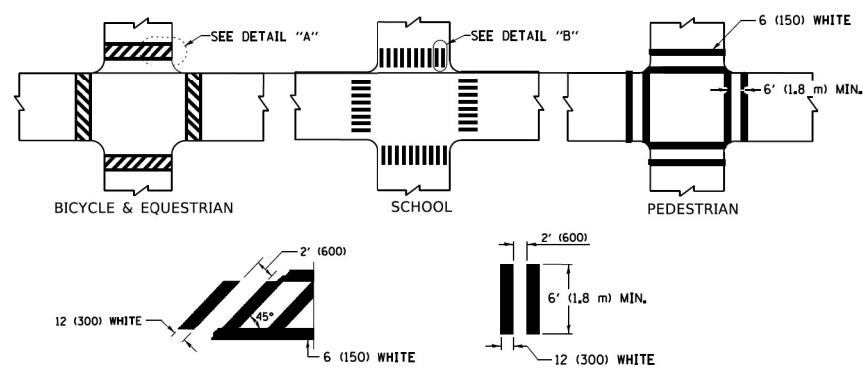


MULTI-LANE UNDIVIDED



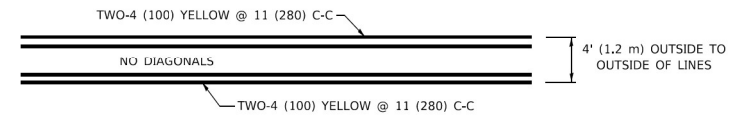
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

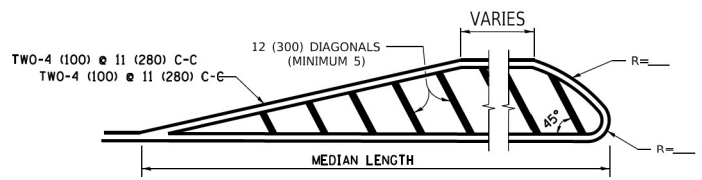


TYPICAL CROSSWALK MARKING

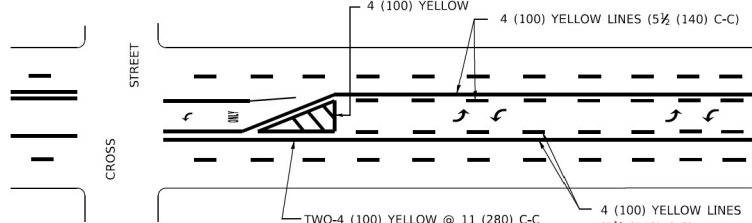
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



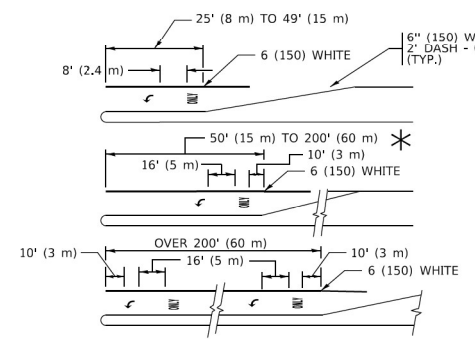
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE



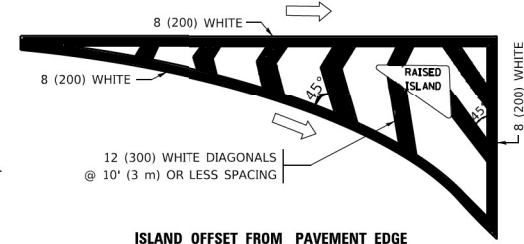
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING



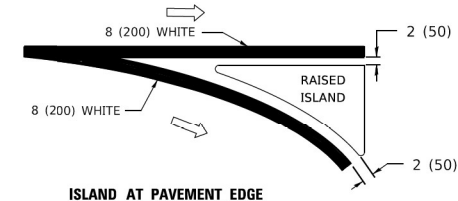
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

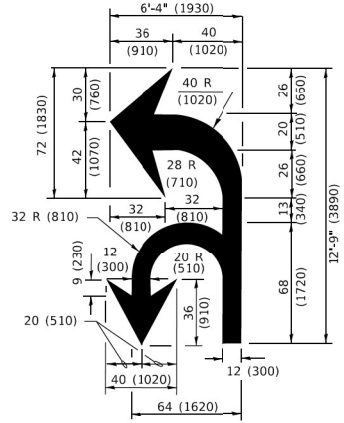
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



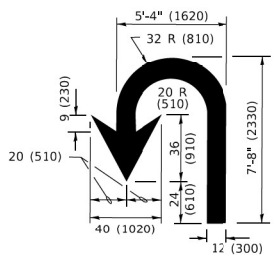
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; *RR* 15 6" (1.8 m) LETTERS; 16 (400) LINE FOR *X*	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: *R* = 3.6 SQ. FT. (0.33 m ²) EACH *X* = 54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

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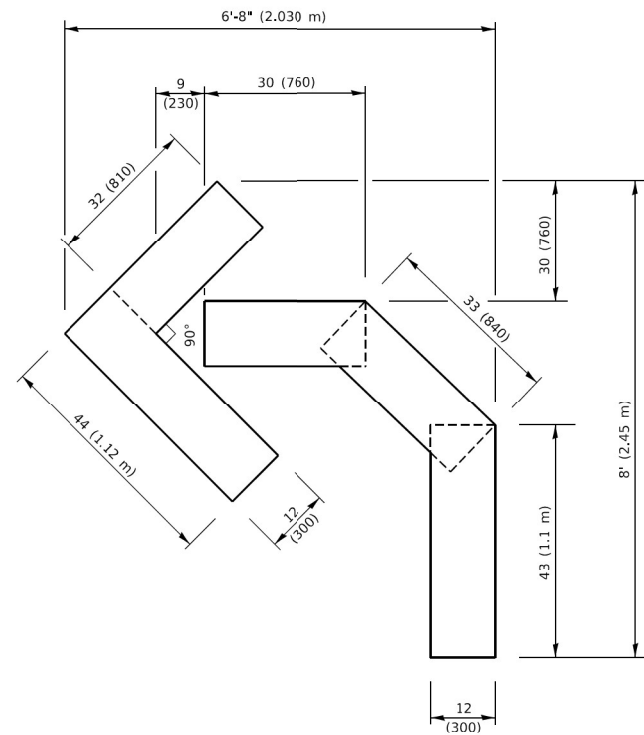


USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
PLOT SCALE = 50.0000" / ft.	DRAWN -	REVISED - C. JUCIUS 07-01-13
PLOT DATE = 3/4/2019	CHECKED -	REVISED - C. JUCIUS 12-21-15
	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

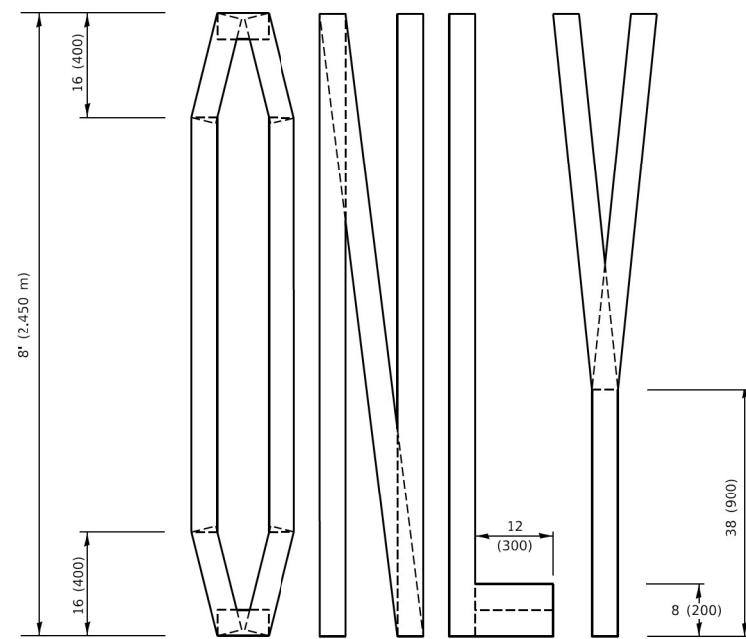
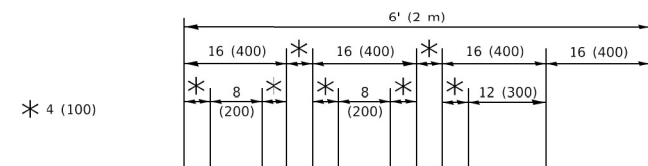
DISTRICT ONE		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS		338	0338-22-BJ	WILL	50	46
SCALE: NONE		SHEET 1 OF 2 SHEETS		STA. TO STA.		ILLINOIS FED. AID PROJECT

TC-13		CONTRACT NO. 62T09
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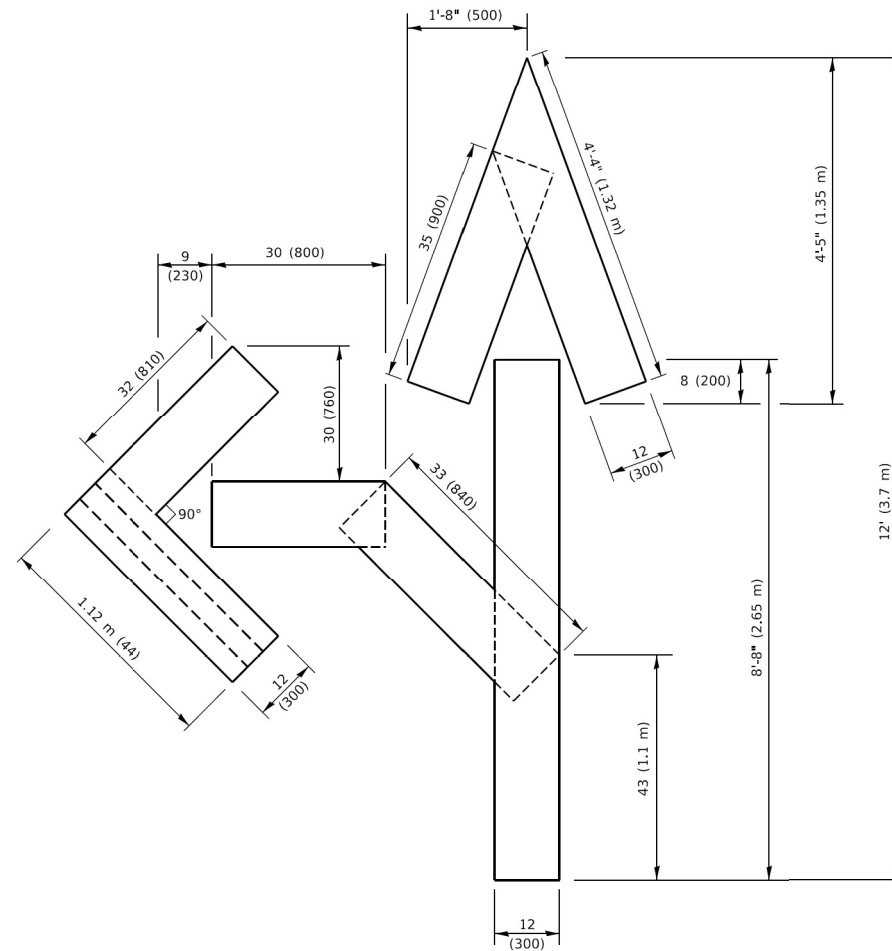
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

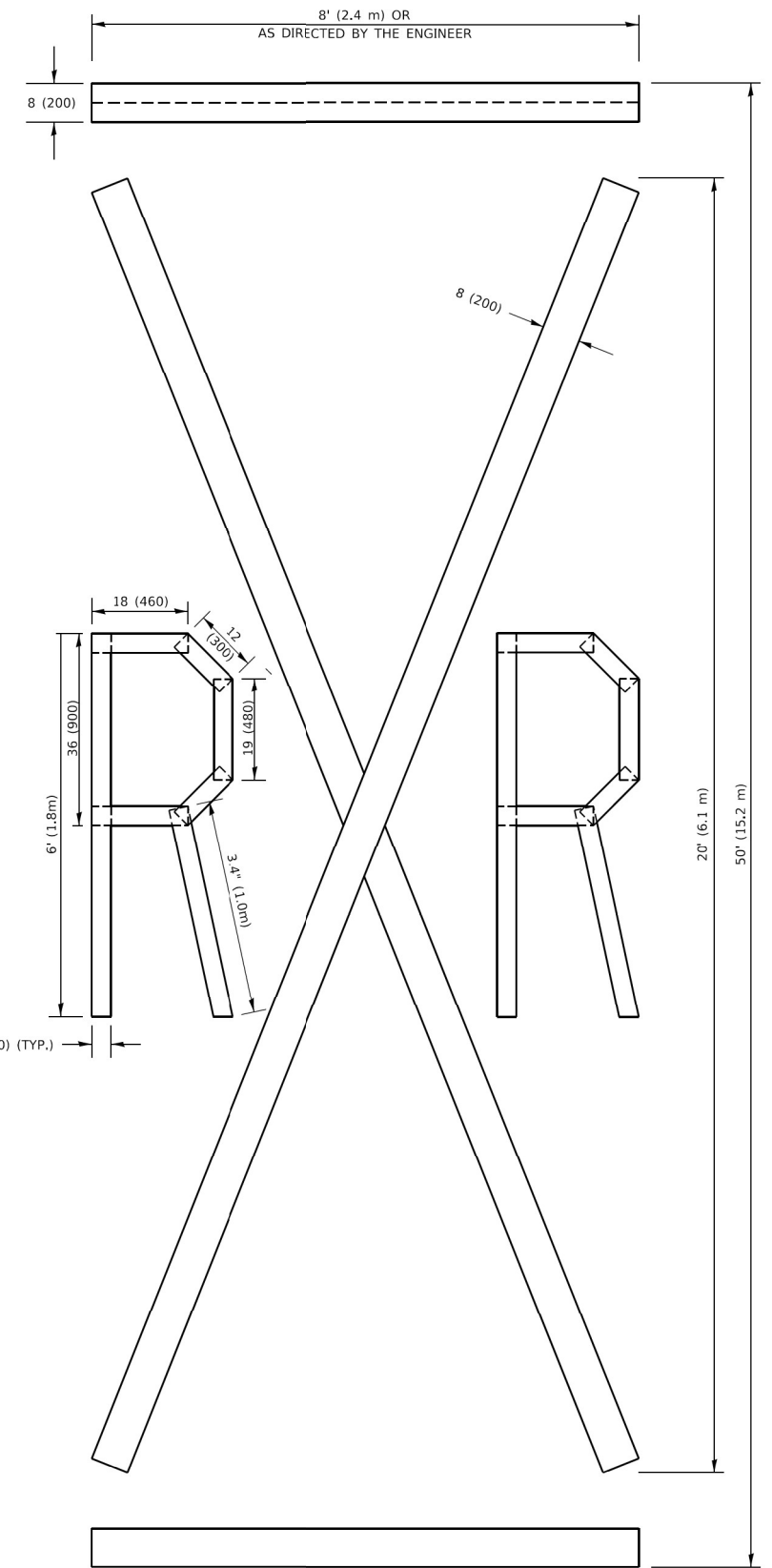


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

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USER NAME = footemj
DESIGNED -
DRAWN -
PLOT SCALE = 50.0068" / in.
PLOT DATE = 3/4/2019

DESIGNED -
DRAWN -
CHECKED -
DATE - 09-18-94

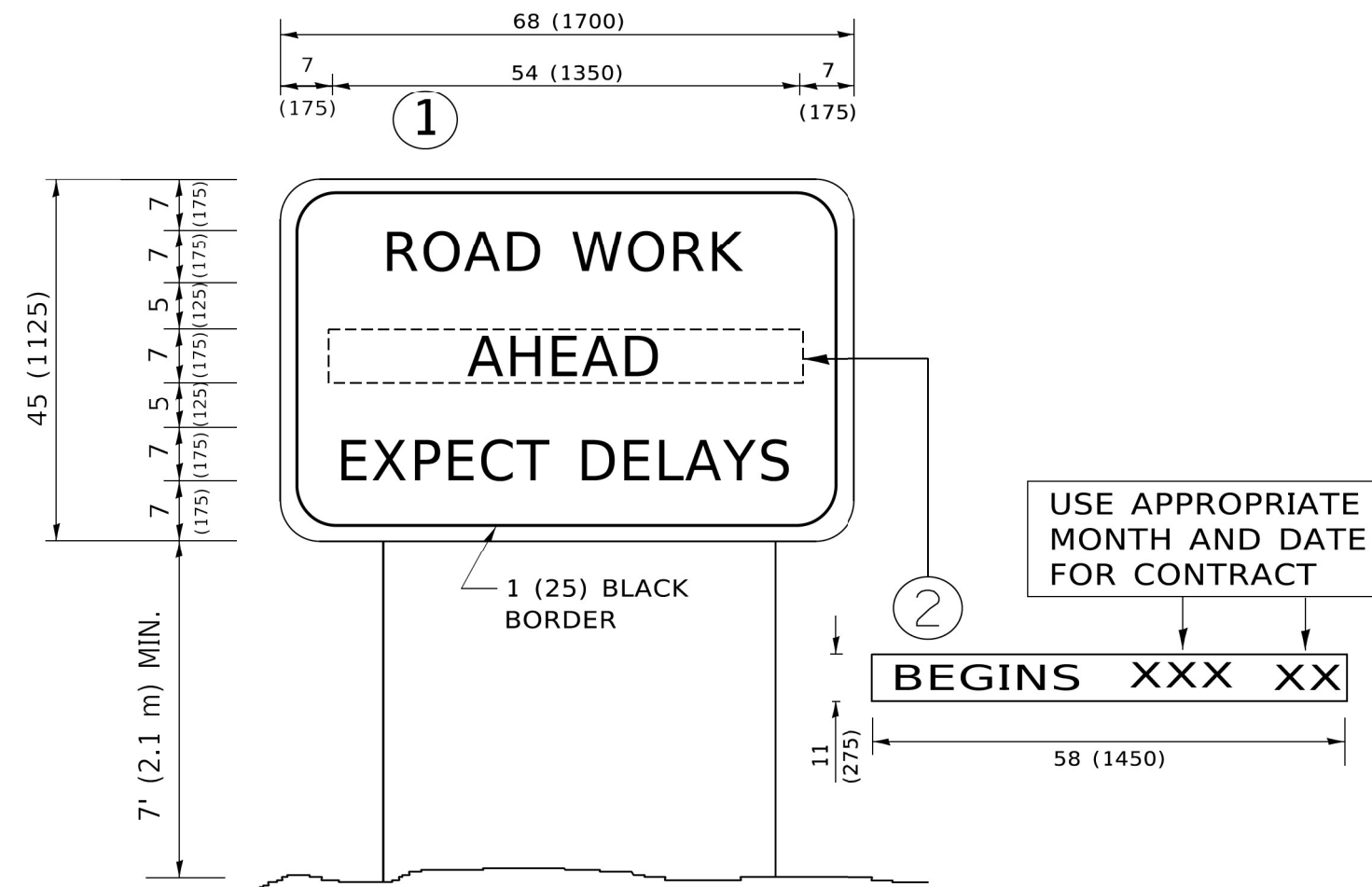
REVISED - T. RAMMACHER 03-02-98
REVISED - E. GOMEZ 08-28-00
REVISED - E. GOMEZ 08-28-00
REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	0338-22-BJ	WILL	50	48
TC-16		CONTRACT NO. 62T09		
ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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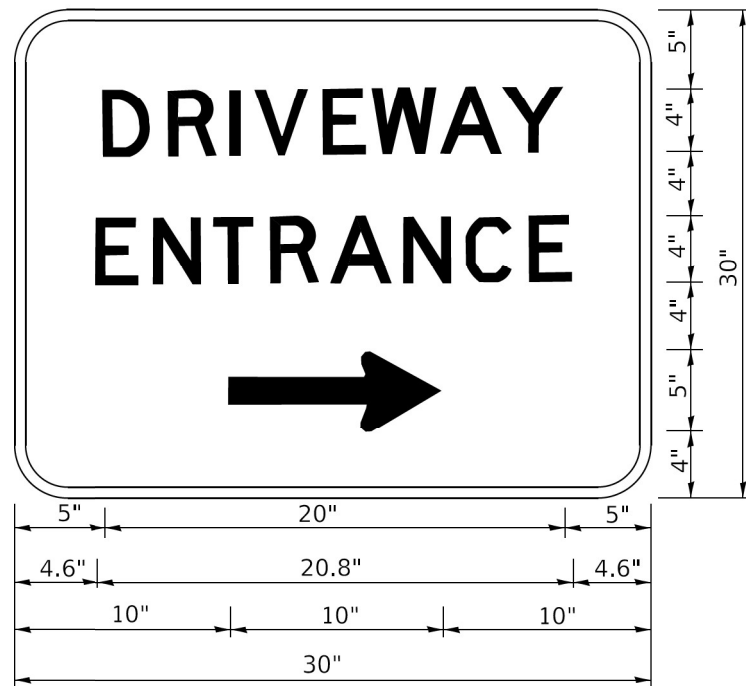
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	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50,0000' / 1"	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	0338-22-BJ	WILL	50	49
TC-22			CONTRACT NO. 62T09	
ILLINOIS FED. AID PROJECT				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

MODEL - Default
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 PROJECT - 0338-22-BJ
 OFFICE - District 1
 PROJECT - 0338-22-BJ
 SHEET - TC-26.dgn



USER NAME = leysa	DESIGNED -	REVISED - C. JUCIUS 02-15-07
	DRAWN -	REVISED -
PLOT SCALE = 50,0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 8/6/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	0338-22-BJ	WILL	50	50
TC-26			CONTRACT NO. 62T09	
ILLINOIS FED. AID PROJECT				