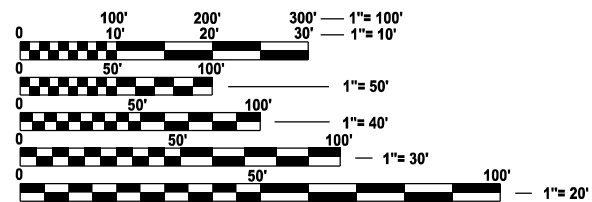


INDEX OF SHEETS

- 1 . COVER SHEET
- 2 . GENERAL NOTES
- 3 - 5 . SUMMARY OF QUANTITIES
- 6 . TYPICAL SECTIONS
- 7 . SCHEDULES
- 8 - 10 . TRAFFIC CONTROL DETAILS - STAGE I
- 11 - 13 . TRAFFIC CONTROL DETAILS - STAGE II
- 14 . PLAN - REMOVAL DETAILS
- 15 - 16 . PLAN - CONSTRUCTION DETAILS
- 17 - 18 . SHOULDER INLET WITH CURB
- 19 . PC CONCRETE ISLANDS AND MEDIANS
- 20 . TEMPORARY INFORMATION SIGNING

HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 420401-13 PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
- 420701-03 PAVEMENT WELDED WIRE REINFORCEMENT
- 483001-06 PCC SHOULDER
- 630001-13 STEEL PLATE BEAM GUARDRAIL
- 701001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' AWAY
- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701456-05 PARTIAL EXT RAMP CLOSURE FREEWAY/EXPRESSWAY
- 701901-09 TRAFFIC CONTROL DEVICES
- 782001-01 CURB REFLECTORS



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 EXCAVATION
 1-800-892-0123
 OR 811

PROJECT ENGINEER: YOGESH PATEL P.E.
UNIT CHIEF: RON WOODSHANK
DISTRICT NO. 3 (815) 434-6131
CONTRACT NO. 66N59

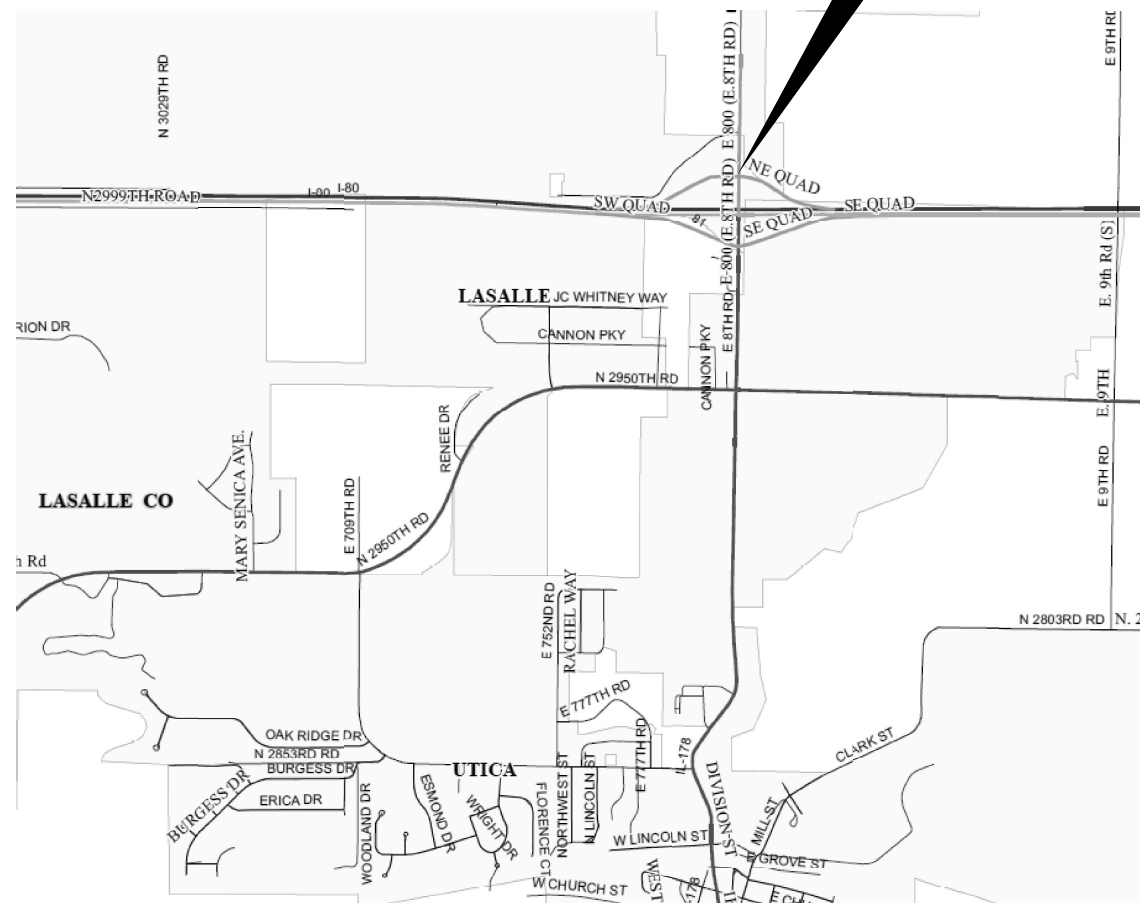
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

F.A.I. ROUTE 80 (I-80)
SECTION (50-3)PCC,SR,DR
BRIDGE APPROACH REPAIRS
LASALLE COUNTY

C-93-095-23

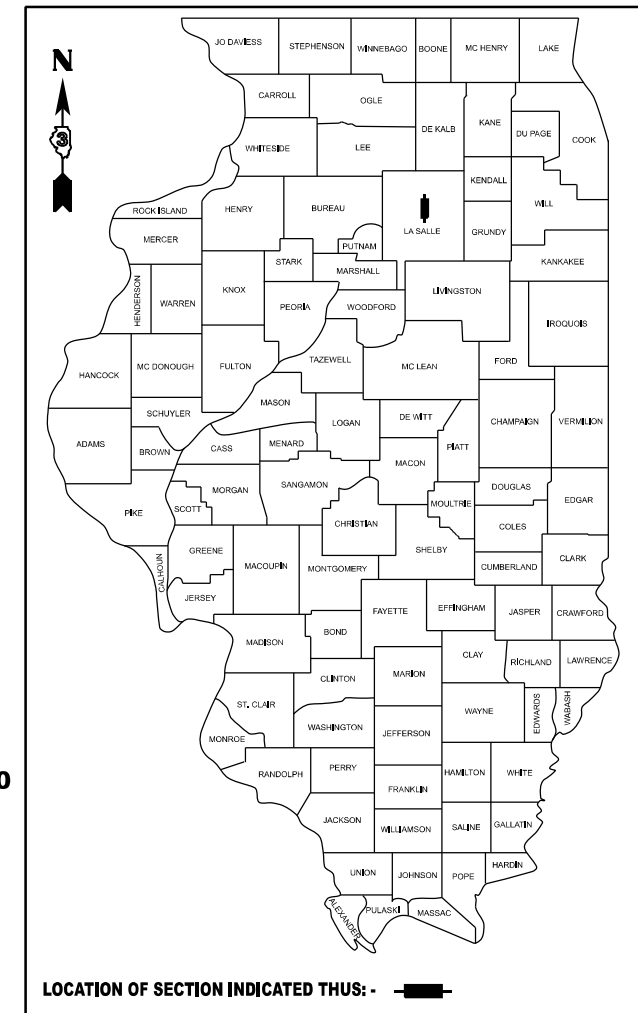
PROJECT LOCATION
NORTH APPROACH
OF STRUCTURE NO. 050-0248
CARRYING IL ROUTE 178 OVER I-80
(NORTH UTICA)



POINT LOCATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-3)PCC,SR,DR	LASALLE	20	1
		ILLINOIS	CONTRACT NO. 66N59	

D-93-073-23



LOCATION OF SECTION INDICATED THUS: - [Arrow] -

FUNCTIONAL CLASSIFICATION

OTHER PRINCIPAL ARTERIAL (OPA)
 F.A.P. ROUTE 698 (IL 178)
 2020 ADT = 4650
 P.V. 76.2 % S.U. 5.0 % M.U. 18.8 %

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED October 17, 2023
Mauro Amador
 REGIONAL ENGINEER

December 8, 2023
Scott A. Etkin
 ENGINEER OF DESIGN AND ENVIRONMENT

December 8, 2023
Stephen M. Smith
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY.

THE WORK REQUIRED TO CONNECT ANY EXISTING PIPE DRAIN TO AN NEW DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE DRIANGE ITEMS.

UNLESS OTHERWISE NOTED ON THE PLANS, SAW CUTS MADE FOR THE PURPOSE OF REMOVAL, SHALL BE MADE FULLDEPTH AND SEVERING TIE BARS WHEN PRESENT.

THE CONTRACTOR SHALL NOTIFY THE DEPARTMENTS SIGNAL SECTION FOR HIGHWAY LIGHTING LOCATES PRIOR TO POST MOUNTING ANY CONSTRUCTION SIGNING.

COMMITMENTS

NONE

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION**

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

**START & END DATES
OF CONSTRUCTION:**

INSPECTORS:

MODEL: D:\info\...
FILE NAME: ...

USER NAME = ronald.woodshank	DESIGNED - RW	REVISED - _____
	DRAWN - RW	REVISED - _____
PLOT SCALE = 100,000' / in.	CHECKED - YP	REVISED - _____
PLOT DATE = 10/18/2023	DATE - 6/8/2023	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: _____ SHEET 1 OF 1 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-3)PCC,SR,DR	LASALLE	20	2
CONTRACT NO. 66N59				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				CONTRACT MAINTFNANCE 100% STATE	ROADWAY
				0006	
				URBAN	
Z0021500	EXPANSION JOINT 3"	FOOT	62		62
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42		42

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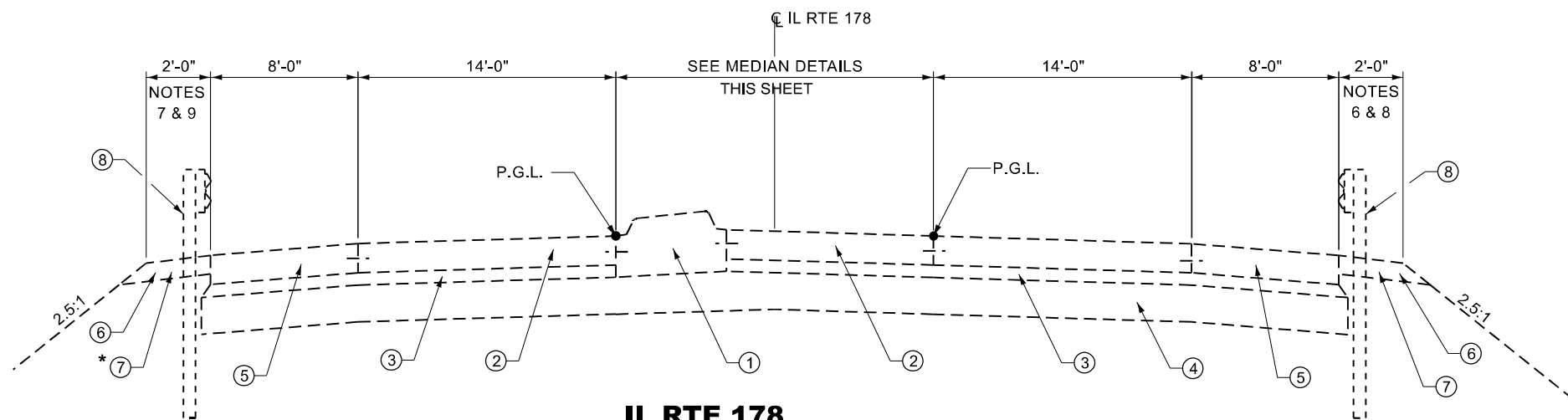
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PLOT DATE = 10/16/2023		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: ____ SHEET 3 OF 3 SHEETS STA. ____ TO STA. ____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-3)PCC,SR,DR	LASALLE	20	5
CONTRACT NO. 66N59				
ILLINOIS FED. AID PROJECT				



**IL RTE 178
TYPICAL SECTION**

STA. 110+87.31 TO STA. 113+73.50
STA. 116+26.50 TO STA. 119+40.36

LOOKING NORTH

*HOT-MIX ASPHALT GUARDRAIL STABILIZATION TO BE REMOVED AND REPLACED.
STA. 115+96.37 LT. TO STA. 116+46.37 LT.

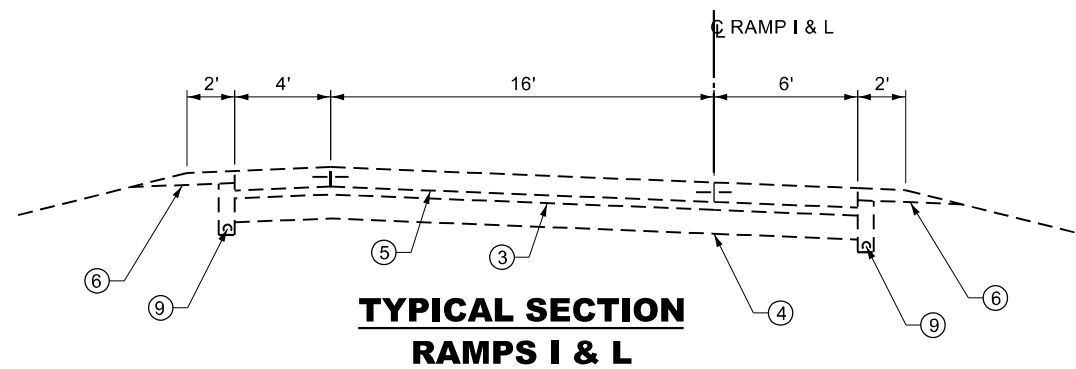
MEDIAN
STA. 113+63.50 TO STA. 113+73.50 = 10' CURB TRANSITION
STA. 116+26.50 TO STA. 116+36.50 = 10' CURB TRANSITION
TRANSITION MEDIAN CURB HEIGHT AND GEOMETRY BEFORE AND AFTER THE BRIDGE APPROACH PAVEMENT FROM M-4.06 TO THE BRIDGE MEDIAN CURB GEOMETRY DETAILED ON THE PLANS.

IL ROUTE 178

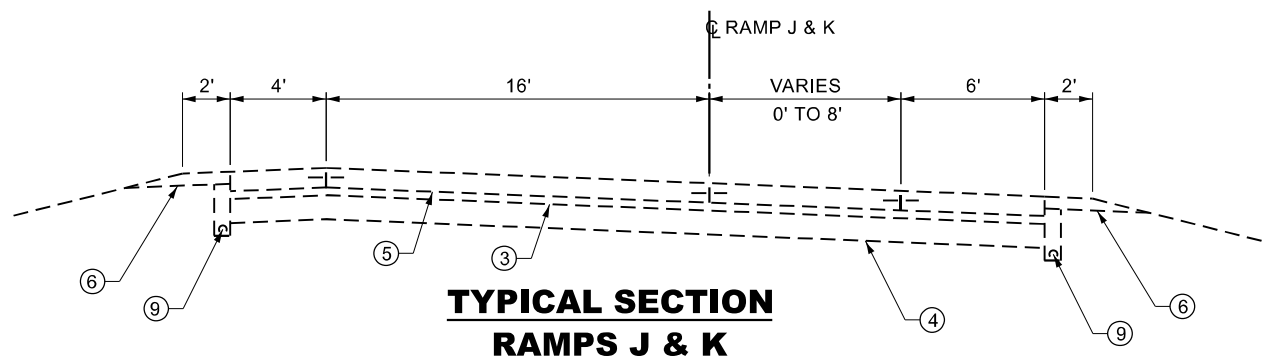
BRIDGE APPROACH PAVEMENT
STA. 113+73.50 TO STA. 114+03.50

STRUCTURE NO. 050-0248
STA. 114+03.50 TO STA. 115+96.50

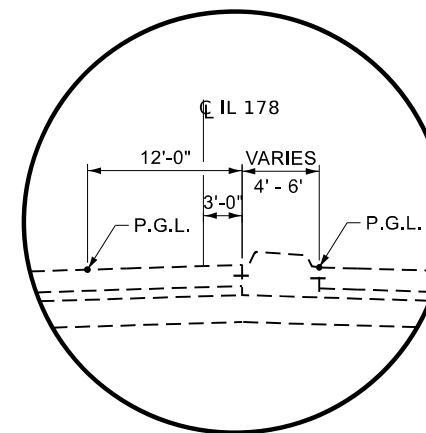
BRIDGE APPROACH PAVEMENT
STA. 115+96.50 TO STA. 116+26.50 TO STA. 114+03.50



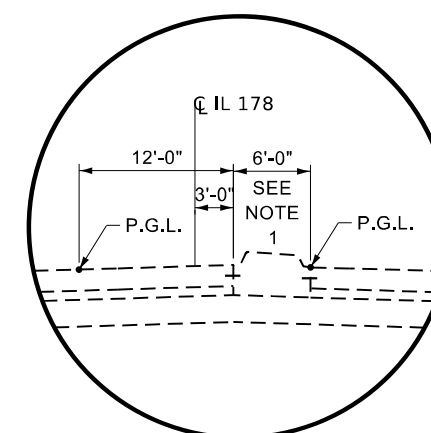
**TYPICAL SECTION
RAMPS I & L**



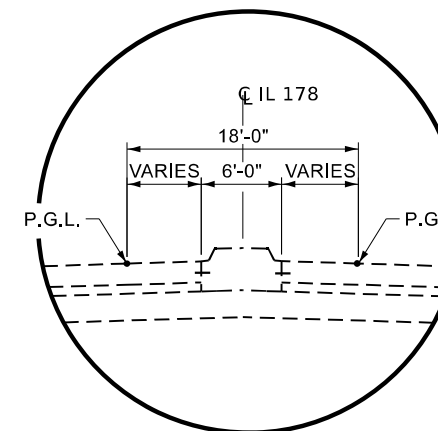
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RAMPS J & K**



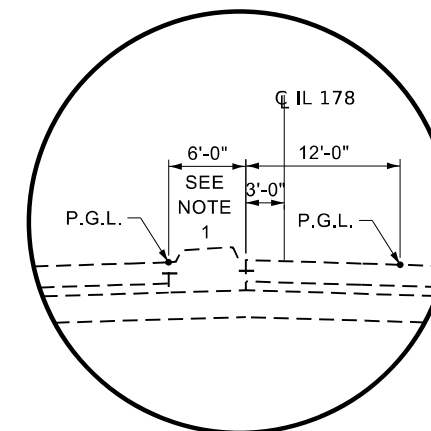
**IL RTE. 178
MEDIAN DETAIL "A"**
STA. 111+41.88 TO STA. 111+93.88



**IL RTE. 178
MEDIAN DETAIL "B"**
STA. 111+93.88 TO STA. 1113+83.58



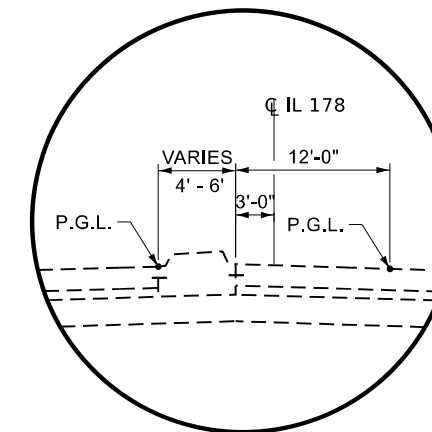
**IL RTE. 178
MEDIAN DETAIL "C"**
STA. 113+63+58 TO STA. 116+23.59



**IL RTE. 178
MEDIAN DETAIL "D"**
STA. 116+23.59 TO STA. 118+35.58

LEGEND

- ① MEDIAN, TYPE SM 4.06
- ② PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)
- ③ STABILIZED SUB-BASE HOT-MIX ASPHALT 4"
- ④ SUB-BASE GRANULAR MATERIAL, TYPE B, 12"
- ⑤ PORTLAND CEMENT CONCRETE SHOULDER 9 3/4"
- ⑥ AGGREGATE SHOULDER, TYPE B, 6"
- ⑦ HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARDRAIL. (TO BE PAID FOR AS HOT-MIX ASPHALT SHOULDERS 6").
- ⑧ STEEL PLATE BEAM GUARDRAIL, TYPE A.
- ⑨ PIPE UNDERDRAIN 4"



**IL RTE. 178
MEDIAN DETAIL "E"**
STA. 118+35.58 TO STA. 118+87.58

MODEL: D:\info\... FILE NAME: ...

USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	REVISED -	
PLOT SCALE = 100,000' / in.	CHECKED - YP	REVISED -
PLOT DATE = 10/11/2023	DATE - 6/8/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: _____ SHEET 1 OF 1 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-3)PCC,SR,DR	LASALLE	20	6
CONTRACT NO. 66N59				
ILLINOIS FED.AID PROJECT				

SCHEDULES - ISLAND

LOCATION	ISLAND REMOVAL	CONCRETE ISLAND (SPECIAL)	CURB REFLECTORS	TEMPORARY PATCHING
	SQ FT	SQ FT	EACH	SQ YD
SW RAMP	185	185	3	21
NE RAMP	185	185	3	21
TOTAL	370	370	6	42

SCHEDULES - PATCHING

LOCATION	CLASS "B" PATCHES 9 3/4"	SAW CUTS	TIE BARS 1 1/4"	WELDED WIRE REINF
	SQ YD	FOOT	EACH	SQ YD
STAGE I - SB LANES	24	73	12	24
TOTAL	24	73	12	24

SCHEDULES - MAINLINE - REMOVAL

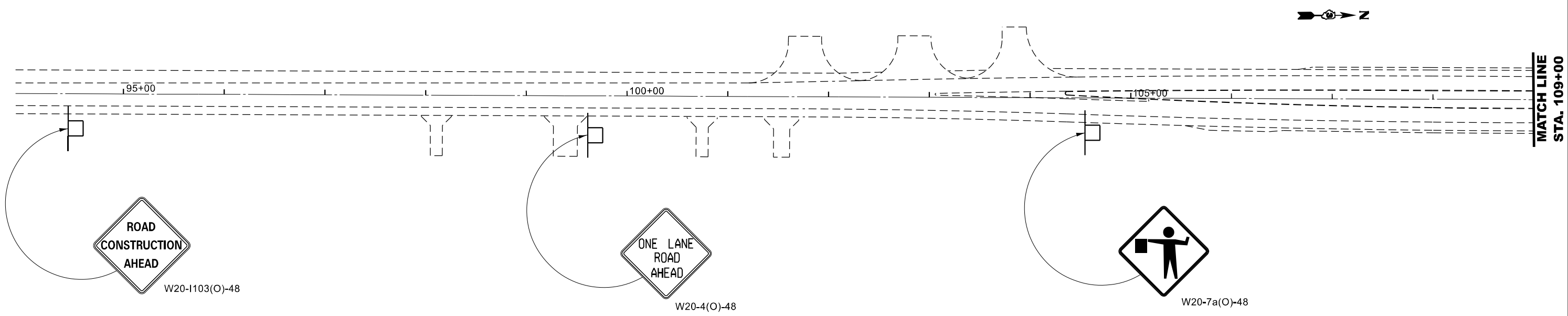
LOCATION	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL TYPE A	CONCRETE MEDIAN REMOVAL	PAVED SHOULDER REMOVAL	PAVEMENT REMOVAL (SPECIAL)	REMOVE INLET BOX
	FOOT	SQ FT	SQ YD	SQ YD	EACH
STAGE I - SB LANES	25	93	14	48	1
STAGE II - NB LANES	25		14	45	
TOTAL	50	93	28	93	1

SCHEDULES - MAINLINE - CONSTRUCTION

LOCATION	APPROACH SLAB REPAIR (PARTIAL DEPTH)	PREFORMED JOINT SEAL 2 3/4"	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	PORTLAND CEMENT CONCRETE SHOULDER 9 3/4"	EXPANSION JOINT 3"	CONCRETE MEDIAN TYPE M-4.06	TYPE E INLET BOX STANDARD 610001	CONCRETE SHOULDER CURB	TIE BARS 5/8"	DOWEL BARS 1 1/2"	WELDED WIRE REINF	EPOXY CRACK INJECTION
	SQ YD	FOOT	SQ YD	SQ YD	FOOT	SQ FT	EACH	FOOT	EACH	EACH	SQ YD	FOOT
STAGE I - SB LANES	3	29	24	14	28	93	1	15.5	15	28	34	75
STAGE II - NB LANES		35	45	14	34			15.5	15	34	24	
TOTAL	3	64	69	28	62	93	1	31	30	62	58	75

MODEL: D:\mfd\...
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 ...

MODEL: D:\info\...
 FILE NAME: ...



SYMBOLS

SIGN

USER NAME = ronald.woodshank	DESIGNED - RW	REVISED - ____
DRAWN - RW	CHECKED - YP	REVISED - ____
PLOT SCALE = 100,000' / in.	DATE - 6/8/2023	REVISED - ____
PLOT DATE = 10/11/2023		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL DETAILS
 STAGE I**

SCALE: ____ SHEET 1 OF 3 SHEETS STA. ____ TO STA. ____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-3)PCC,SR,DR	LASALLE	20	8
CONTRACT NO. 66N59				
ILLINOIS FED. AID PROJECT				

W20-1103(O)-48



M6-1 21"X15"



BEGINNING OF TAPER

RAMP "K"

RAMP "K" ISLAND

RAMP "J" ISLAND

DRUMS @ 20' CTS.

DRUMS @ 5' CTS.



DRUMS @ 5' CTS.

DRUMS @ 20' CTS.

MATCH LINE
STA. 109+00

MATCH LINE
STA. 123+00

RAMP "L"

NOTES:

1. TRAFFIC CONTROL ON MAINLINE PAVEMENT SHALL BE ACCORDING TO "TRAFFIC CONTROL AND PROTECTION, STANDARD 701201 (SPECIAL)" AND "STANDARD 701201".
2. TRAFFIC CONTROL ON RAMP PAVEMENT SHALL BE ACCORDING TO STANDARD "701456".

SYMBOLS

- SIGN
- TYPE III BARRICADE WITH FLASHING LIGHTS
- DRUM WITH STEADY BURNING LIGHT (TAPER)
- WORK AREA
- FLAGGER WITH TRAFFIC CONTROL SIGN
- DRUM (TANGENT)

LEGEND

- ISLAND REMOVAL AND TEMPORARY PATCHING, (PRE-STAGE WORK)
- WORK ZONE

RAMP "I"

RAMP "J"

EXISTING PAVEMENT STRIPING

DRUMS AT 20' CTS.

TRAFFIC CONTROL AND PROTECTION FOR ENTRANCE RAMP SHALL BE ACCORDING TO TRAFFIC CONTROL AND PROTECTION, STANDARD 701456

BEGIN DRUM TAPER

BEGINNING OF TAPER

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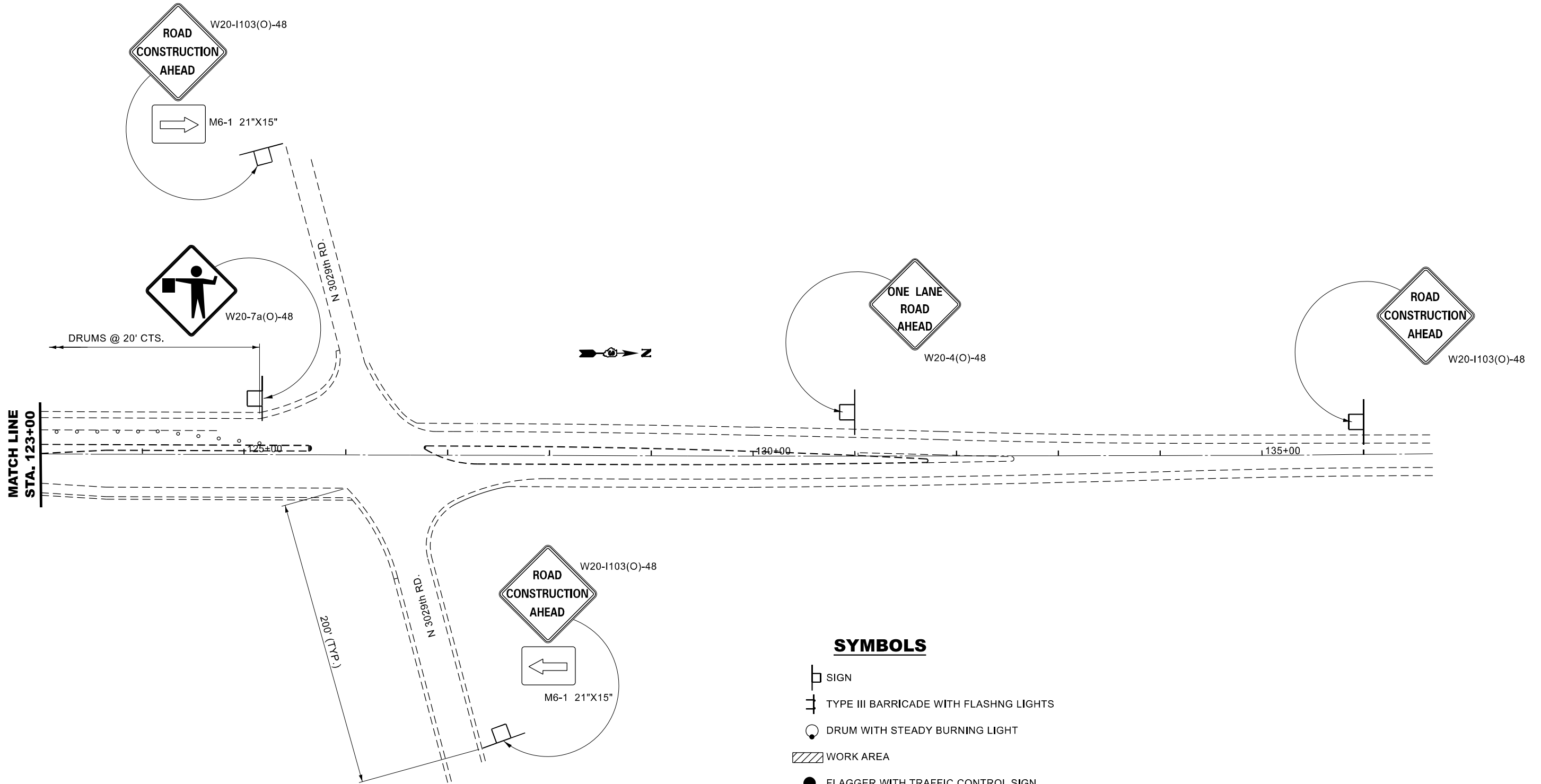
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PLOT DATE = 10/11/2023	DATE - 6/8/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS
STAGE I

SCALE: _____ SHEET 2 OF 3 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-3)PCC,SR,DR	LASALLE	20	9
CONTRACT NO. 66N59				
ILLINOIS FED. AID PROJECT				



SYMBOLS

- SIGN
- TYPE III BARRICADE WITH FLASHING LIGHTS
- DRUM WITH STEADY BURNING LIGHT
- WORK AREA
- FLAGGER WITH TRAFFIC CONTROL SIGN
- DRUM

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DRAWN - RW	REVISIONS -	
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PLOT DATE = 10/11/2023	DATE - 6/8/2023	REVISIONS -

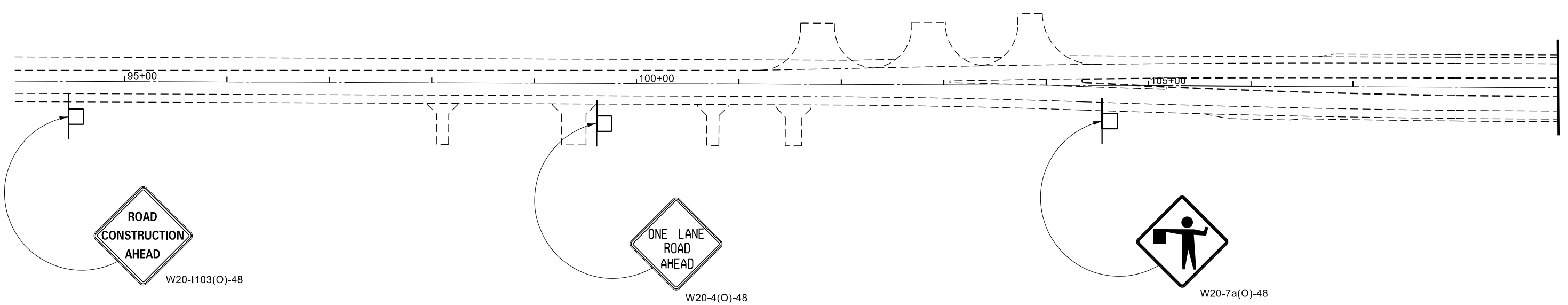
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS
STAGE I

SCALE: _____ SHEET 3 OF 3 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-3)PCC,SR,DR	LASALLE	20	10
CONTRACT NO. 66N59				
ILLINOIS FED. AID PROJECT				

MODEL: D:\info\...
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 PROJECT: ...
 SHEET: ...



SYMBOLS

- SIGN
- TYPE III BARRICADE WITH FLASHING LIGHTS
- DRUM WITH STEADY BURNING LIGHT
- WORK AREA
- FLAGGER WITH TRAFFIC CONTROL SIGN
- DRUM

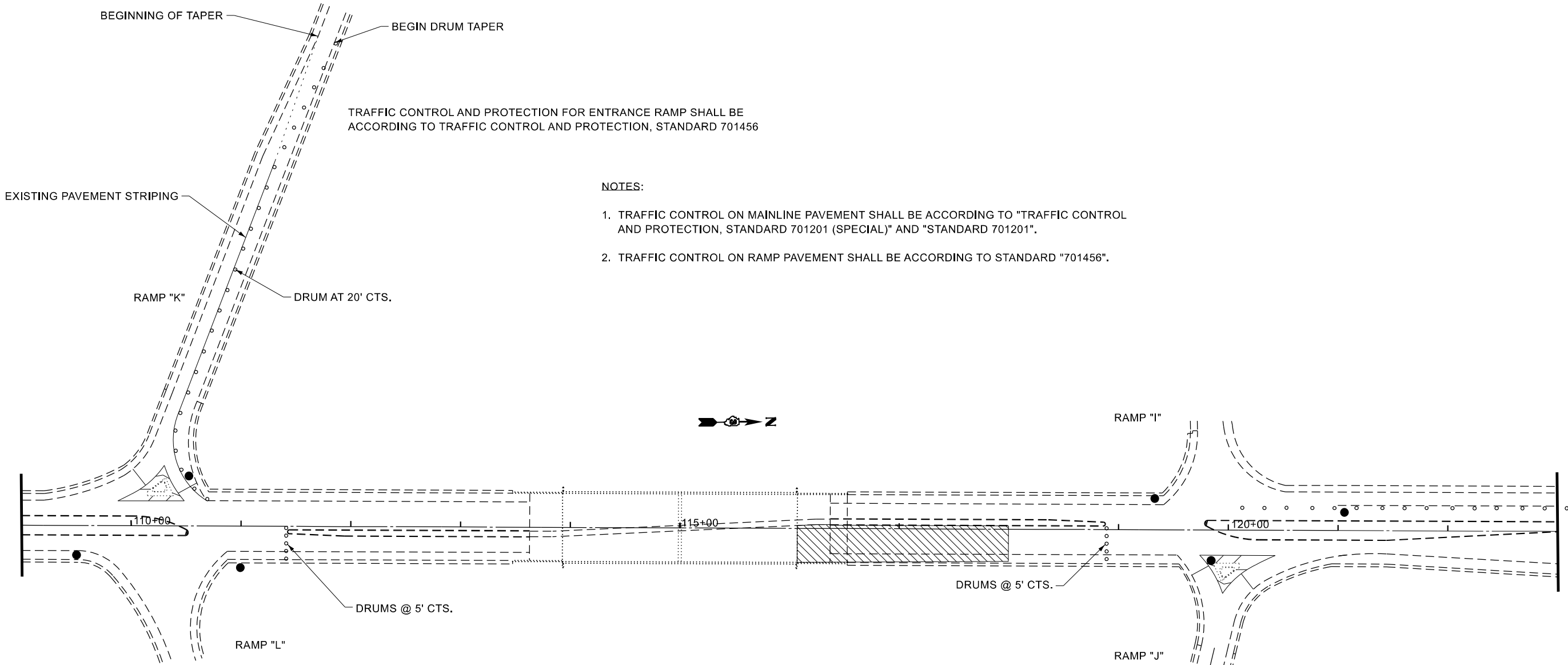
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DRAWN - RW	CHECKED - YP	REVISED - ____
PLOT SCALE = 100,000' / in.	DATE - 6/8/2023	REVISED - ____
PLOT DATE = 10/11/2023		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS
STAGE II

SCALE: ____ SHEET 1 OF 3 SHEETS STA. ____ TO STA. ____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-3)PCC,SR,DR	LASALLE	20	11
CONTRACT NO. 66N59				
ILLINOIS FED. AID PROJECT				



NOTES:

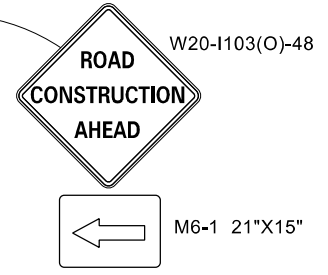
1. TRAFFIC CONTROL ON MAINLINE PAVEMENT SHALL BE ACCORDING TO "TRAFFIC CONTROL AND PROTECTION, STANDARD 701201 (SPECIAL)" AND "STANDARD 701201".
2. TRAFFIC CONTROL ON RAMP PAVEMENT SHALL BE ACCORDING TO STANDARD "701456".

SYMBOLS

- SIGN
- TYPE III BARRICADE WITH FLASHING LIGHTS
- DRUM WITH STEADY BURNING LIGHT
- WORK AREA
- FLAGGER WITH TRAFFIC CONTROL SIGN
- DRUM

LEGEND

WORK ZONE



MODEL: D:\info\...
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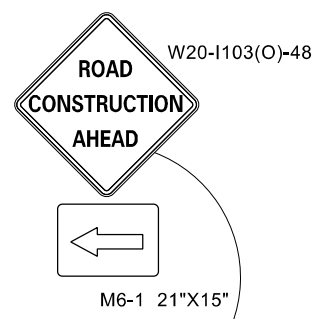
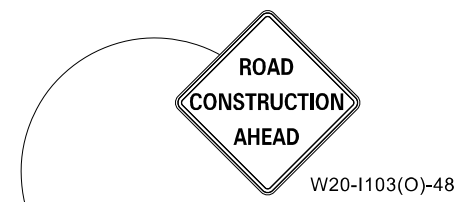
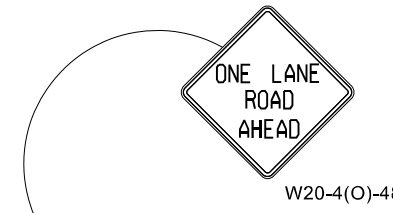
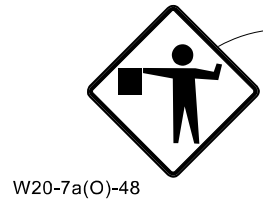
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PLOT DATE = 10/11/2023	DATE - 6/8/2023	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS
STAGE II

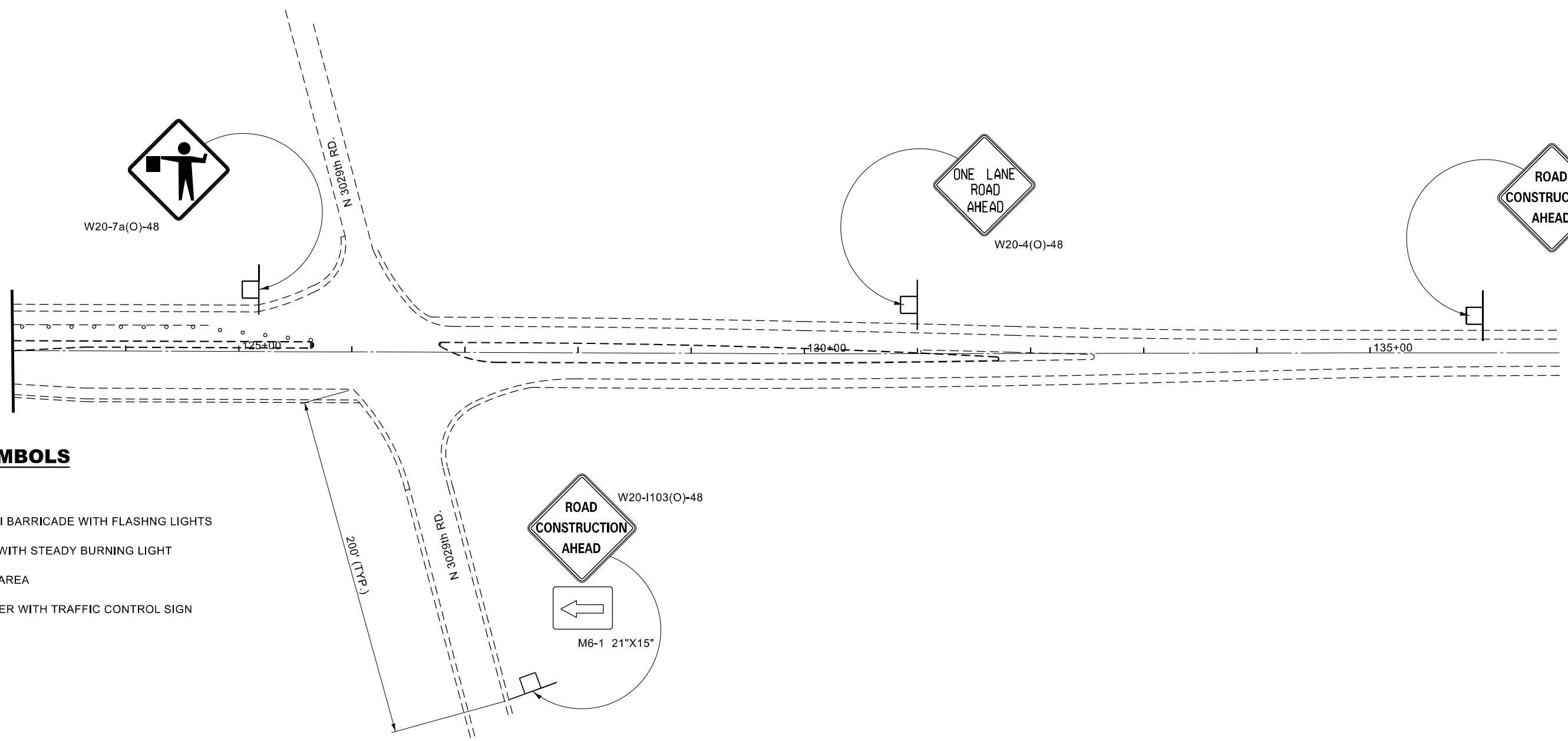
SCALE: _____ SHEET 2 OF 3 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-3)PCC,SR,DR	LASALLE	20	12
CONTRACT NO. 66N59				
ILLINOIS FED. AID PROJECT				



SYMBOLS

- SIGN
- TYPE III BARRICADE WITH FLASHING LIGHTS
- DRUM WITH STEADY BURNING LIGHT
- WORK AREA
- FLAGGER WITH TRAFFIC CONTROL SIGN
- DRUM



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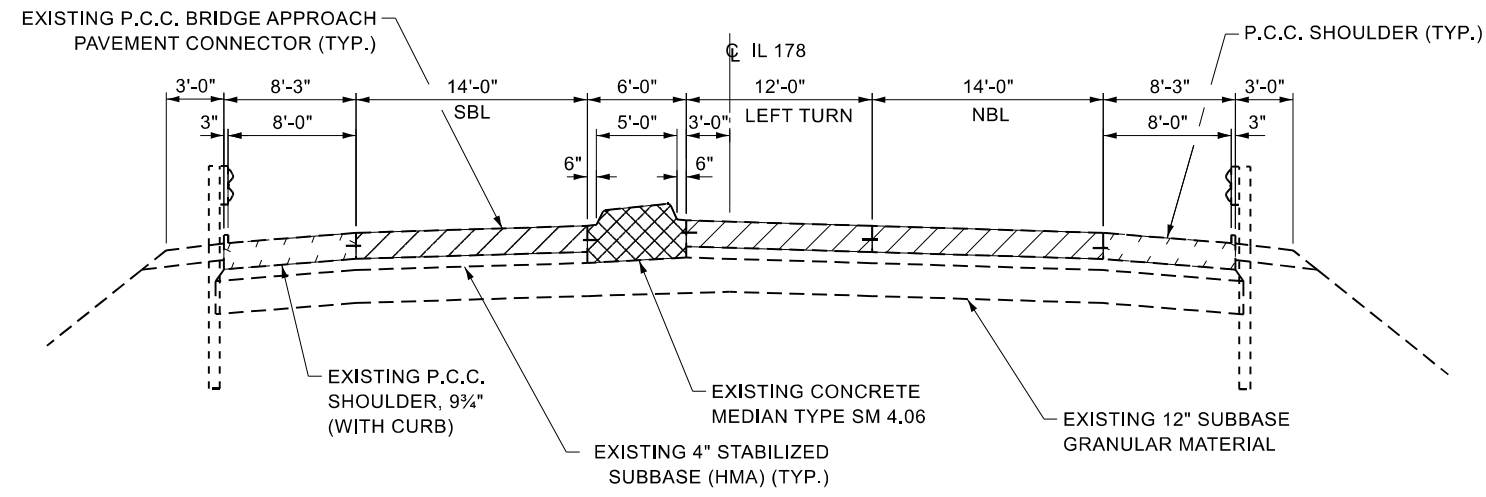
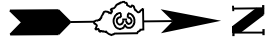
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DRAWN - RW	CHECKED - YP	REVISED - ____
PLOT SCALE = 100,000' / in.	DATE - 6/8/2023	REVISED - ____
PLOT DATE = 10/11/2023		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

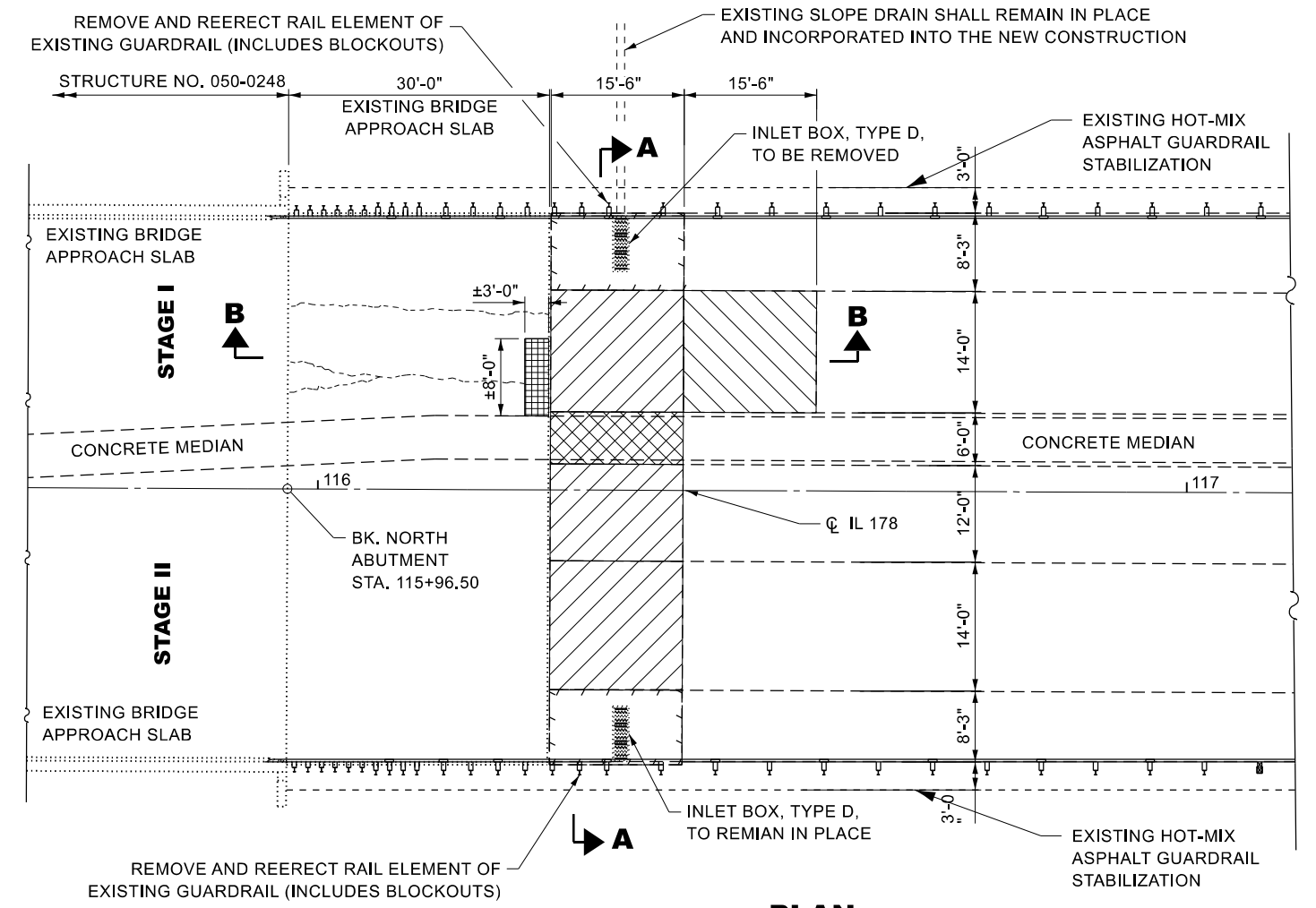
**TRAFFIC CONTROL DETAILS
STAGE II**

SCALE: _____ SHEET 3 OF 3 SHEETS STA. _____ TO STA. _____

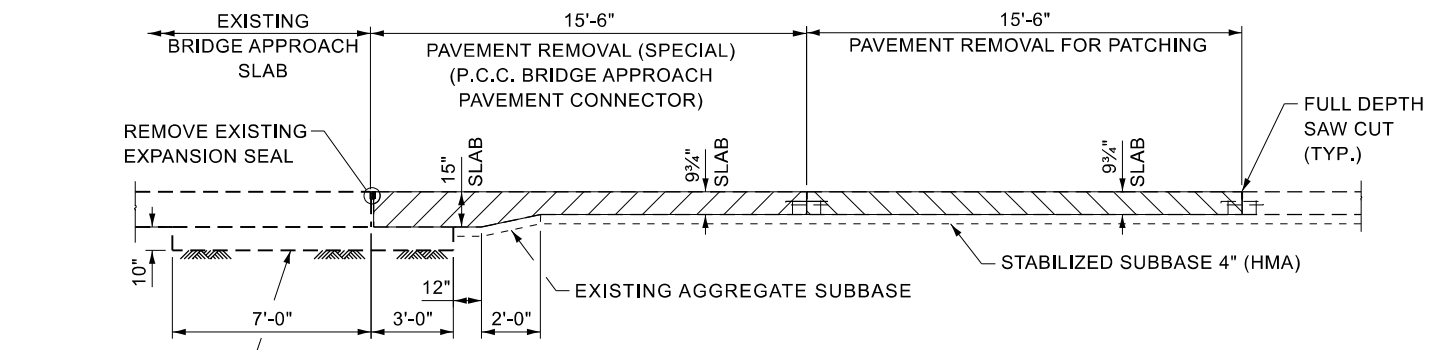
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80	(50-3)PCC,SR,DR	LASALLE	20	13
CONTRACT NO. 66N59				
ILLINOIS FED. AID PROJECT				



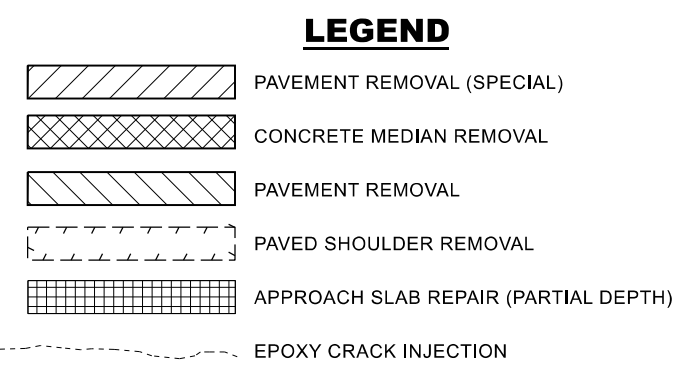
SECTION A-A



PLAN



SECTION B-B



- NOTES:
1. THE CONTRACTOR SHALL EXERCISE CARE DURING REMOVAL OPERATIONS SO THAT THE APPROACH FOOTING AND THE STABILIZED SUBBASE IS NOT DAMAGED DUE TO HIS REMOVAL OPERATIONS. IF THE APPROACH FOOTING AND/OR THE STABILIZED SUBBASE IS DAMAGED DUE TO THE CONTRACTORS REMOVAL OPERATIONS, THE APPROACH FOOTING AND/OR THE STABILIZED SUBBASE SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT NO EXPENSE TO THE DEPARTMENT.
 2. UNLESS OTHERWISE NOTED, ALL SAW CUTS SHALL BE MADE FULL DEPTH AND TIE BARS SHALL BE SEVERED. SAW CUTS MADE FOR REMOVAL PURPOSES SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE RELATED REMOVAL WORK.

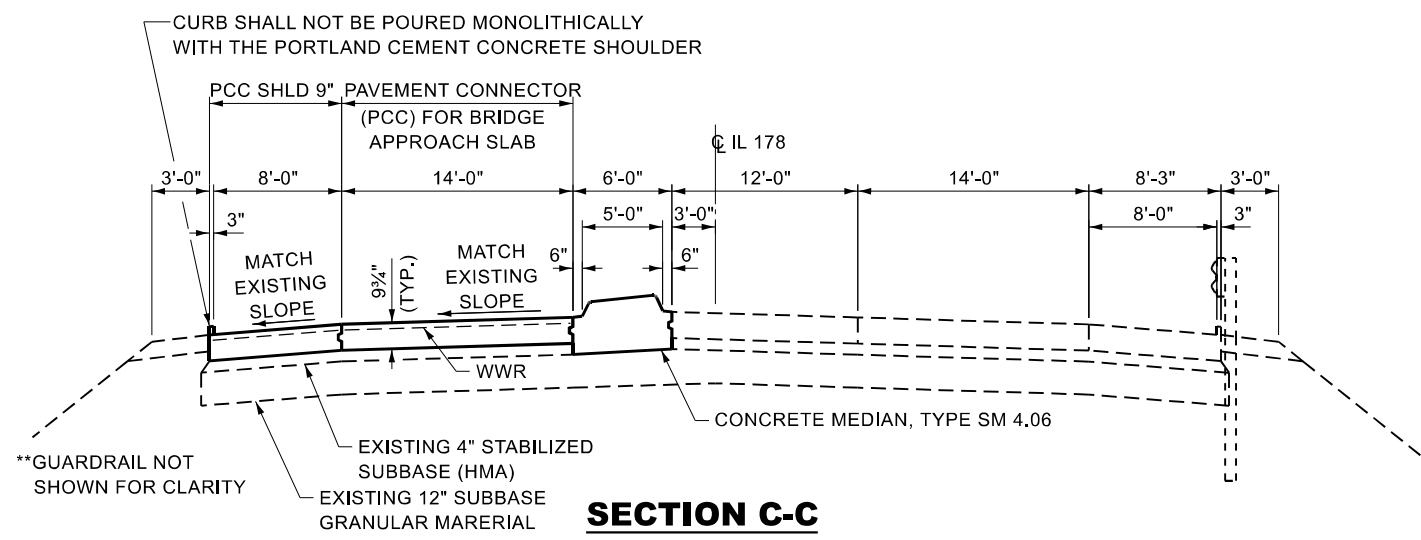
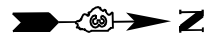
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USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	REVISED -	
PLOT SCALE = 50,000' / 1 in.	CHECKED - YP	REVISED -
PLOT DATE = 10/16/2023	DATE - 6/8/2023	REVISED -

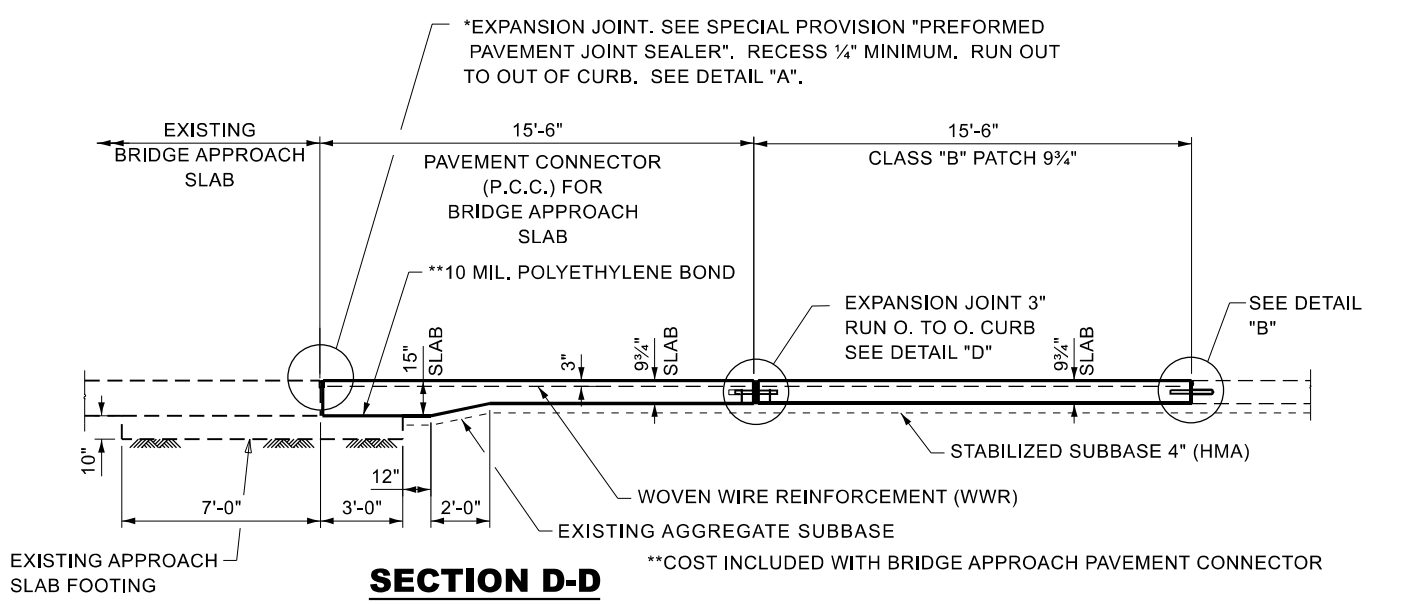
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN REMOVAL DETAILS	
SCALE: _____	SHEET 1 OF 1 SHEETS
STA. _____	TO STA. _____

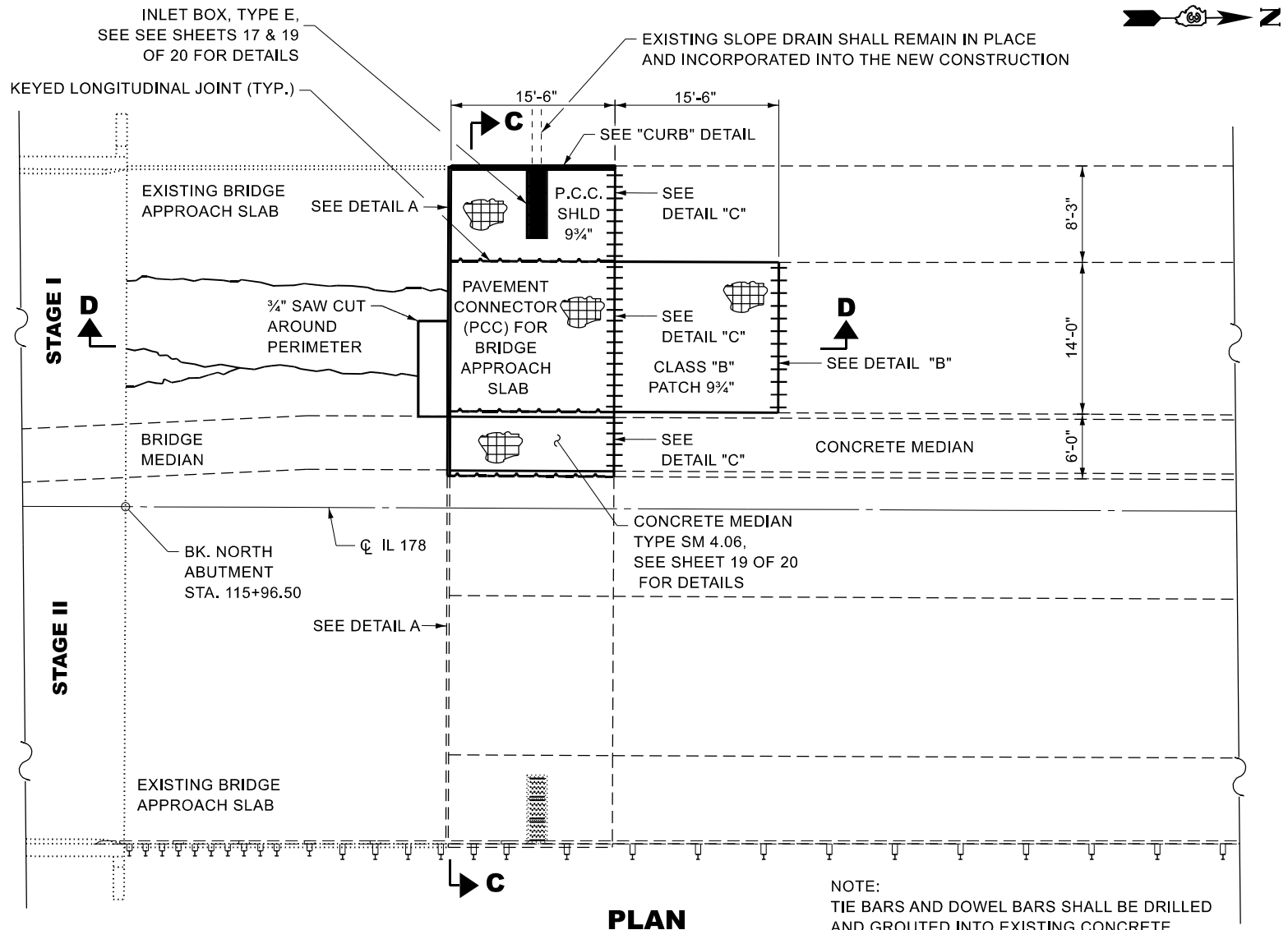
F.A.I. RTE. 80	SECTION (50-3)PCC,SR,DR	COUNTY LASALLE	TOTAL SHEETS 20	SHEET NO. 14
CONTRACT NO. 66N59				
ILLINOIS FED. AID PROJECT				



SECTION C-C

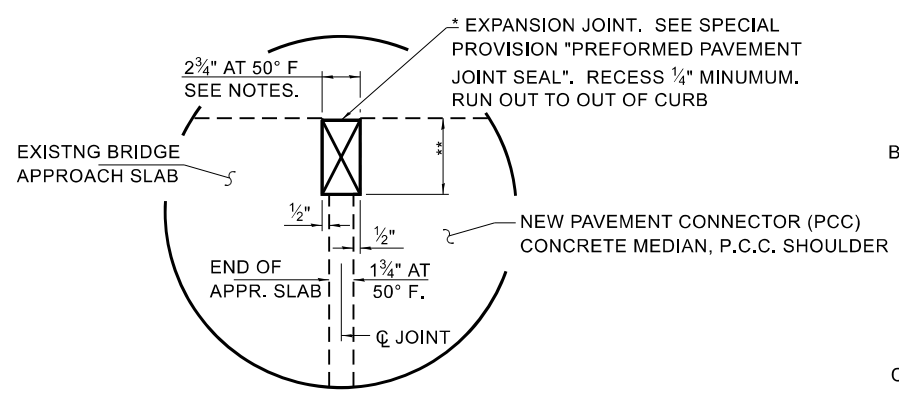


SECTION D-D



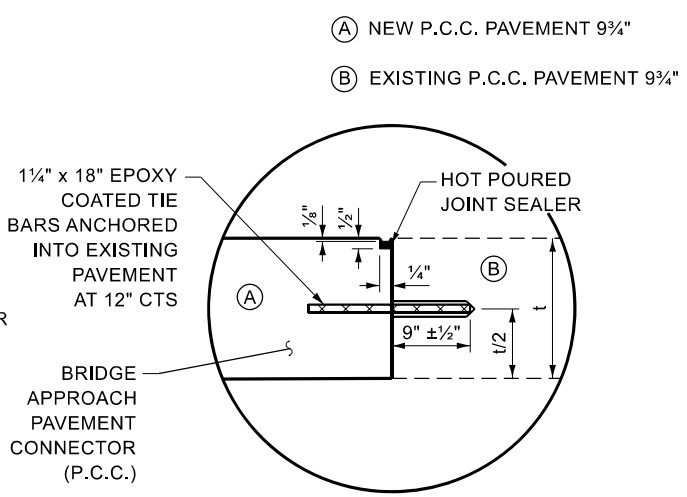
PLAN

NOTE: TIE BARS AND DOWEL BARS SHALL BE DRILLED AND GROUTED INTO EXISTING CONCRETE ACCORDING TO SECTION 584 OF THE STANDARD SPECIFICATIONS.



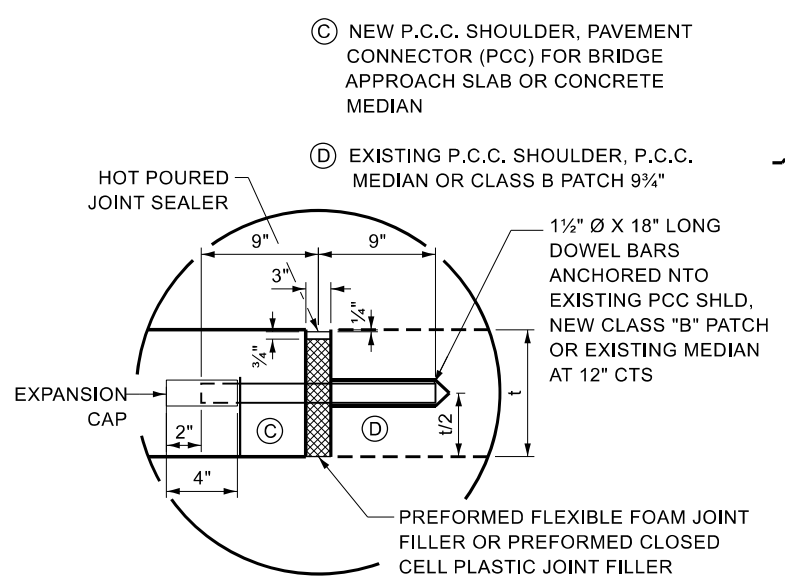
DETAIL "A"

* PER MANUFACTURER RECOMMENDATIONS



DETAIL "B"

12 BARS REQUIRED



DETAIL "C"
EXPANSION JOINT 3"

- (C) NEW P.C.C. SHOULDER, PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB OR CONCRETE MEDIAN
- (D) EXISTING P.C.C. SHOULDER, P.C.C. MEDIAN OR CLASS B PATCH 9 3/4"

LEGEND

- WELDED WIRE REINFORCEMENT
- KEYED LONGITUDINAL JOINT
- COST INCLUDED WITH THE CONCRETE CONSTRUCTION

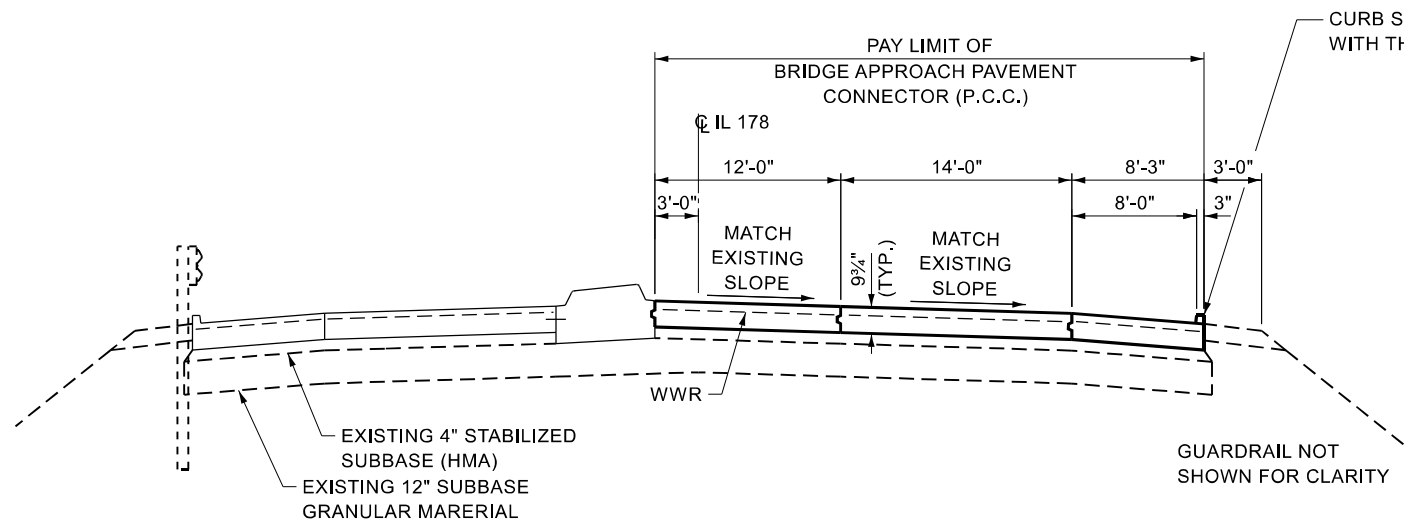
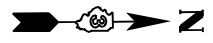
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USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	REVISED -	
PLOT SCALE = 50,000' / in.	CHECKED - YP	REVISED -
PLOT DATE = 10/16/2023	DATE - 6/8/2023	REVISED -

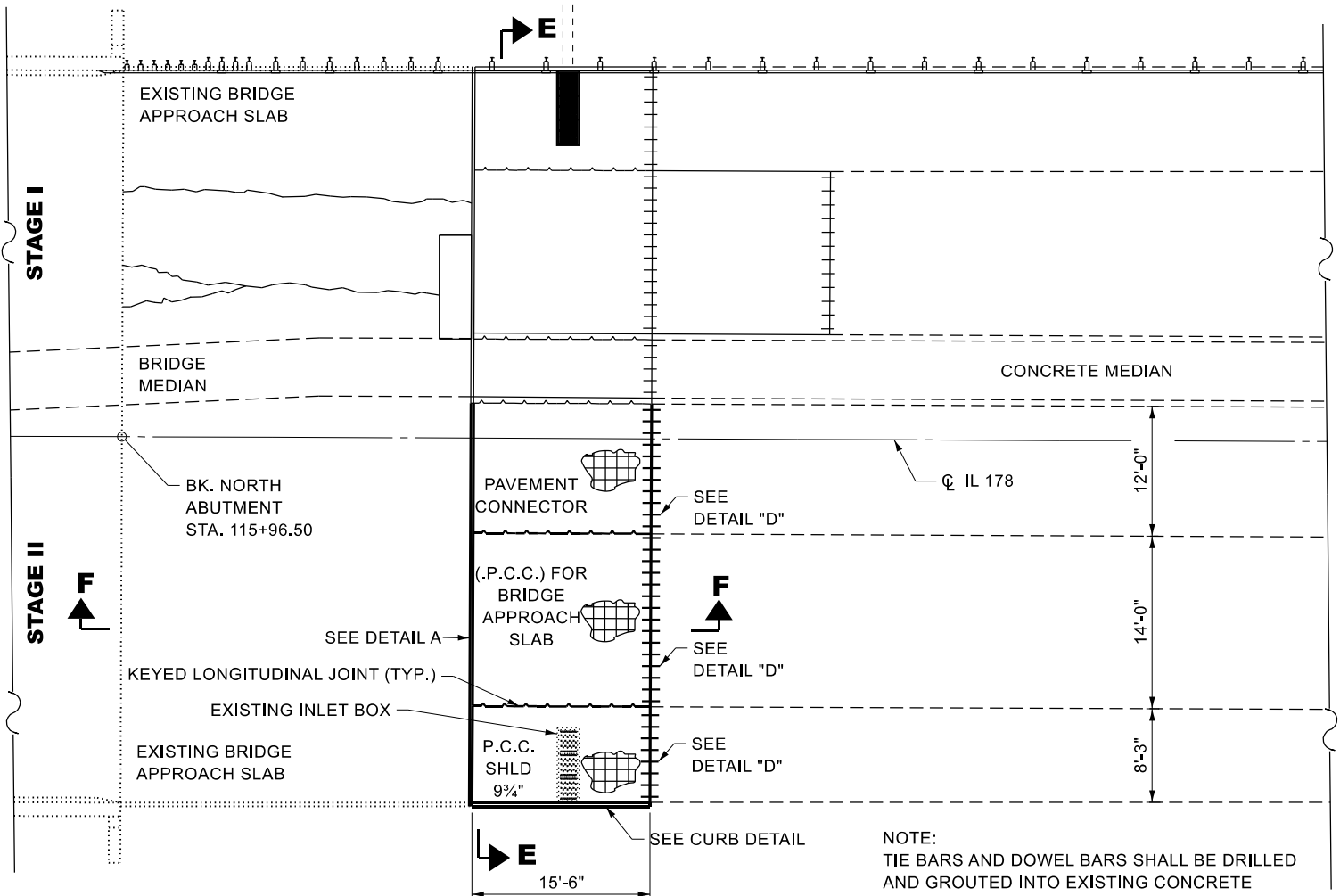
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONSTRUCTION DETAILS		80	(50-3)PCC,SR,DR	LASALLE	20	15
SCALE: _____		SHEET 1 OF 2 SHEETS		STA. _____ TO STA. _____		CONTRACT NO. 66N59

ILLINOIS		FED. AID PROJECT	
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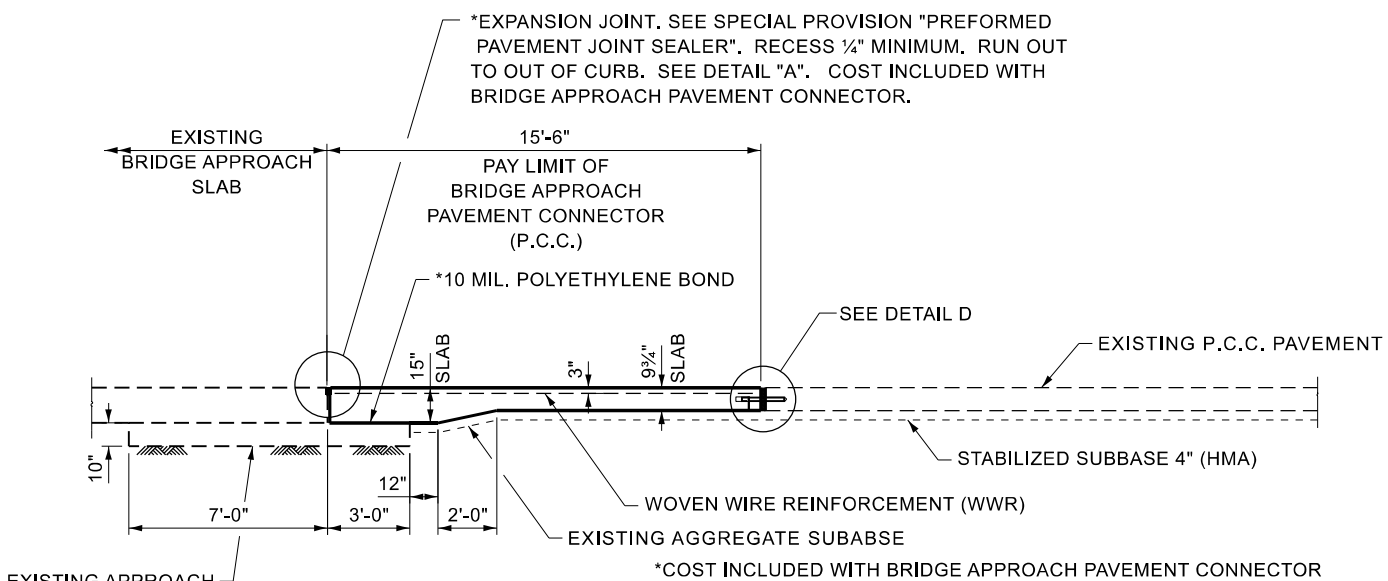


SECTION E-E



PLAN

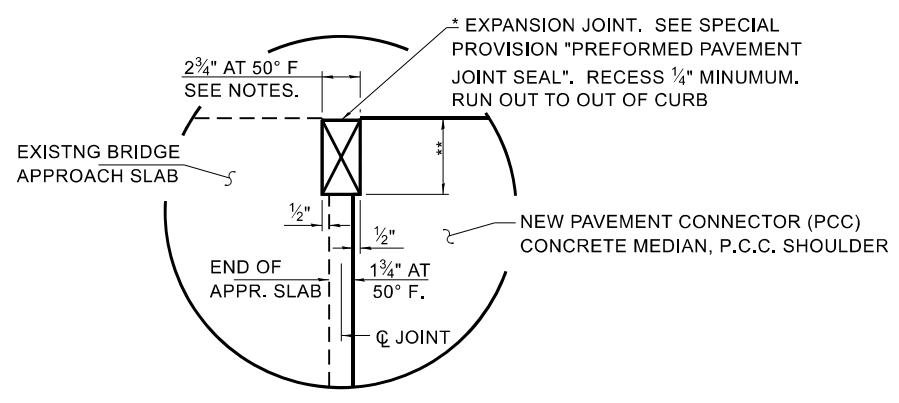
NOTE:
TIE BARS AND DOWEL BARS SHALL BE DRILLED AND GROUTED INTO EXISTING CONCRETE ACCORDING TO SECTION 584 OF THE STANDARD SPECIFICATIONS.



SECTION F-F

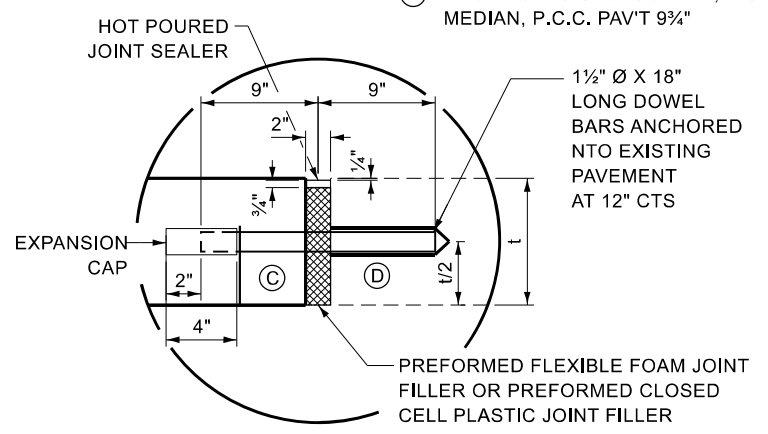
- (C) NEW PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB, P.C.C. SHOULDER
- (D) EXISTING P.C.C. SHOULDER, P.C.C. MEDIAN, P.C.C. PAV'T 9 3/4"

- LEGEND**
- WELDED WIRE REINFORCEMENT
 - KEYED LONGITUDINAL JOINT
 - COST INCLUDED WITH THE CONCRETE CONSTRUCTION**



DETAIL "A"

* COST INCLUDED WITH BRIDGE APPROACH PAVEMENT CONNECTOR.
** PER MANUFACTURER RECOMMENDATIONS



DETAIL "D" EXPANSION JOINT 3"

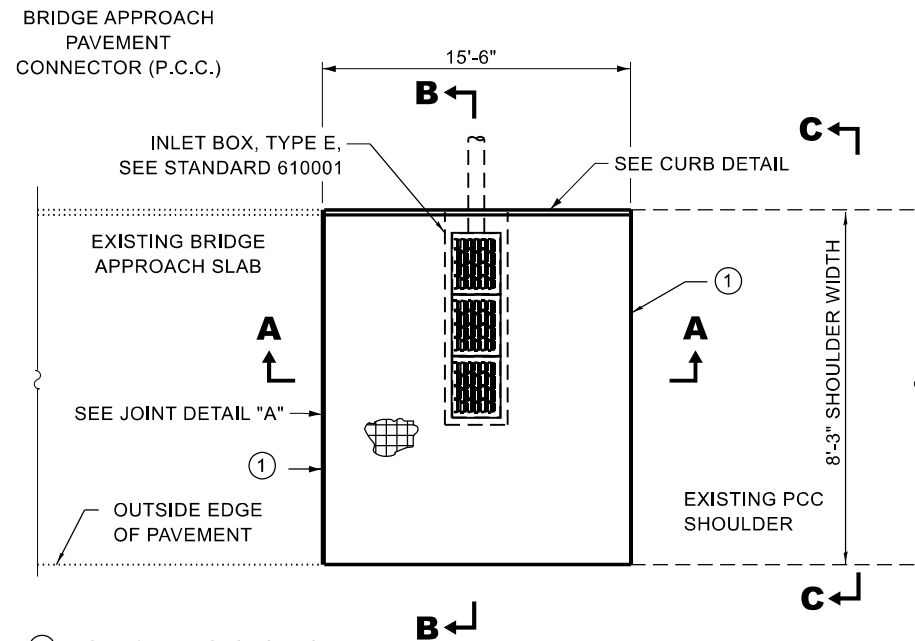
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USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	REVISED -	
PLOT SCALE = 50,000' / 1 in.	CHECKED - YP	REVISED -
PLOT DATE = 10/16/2023	DATE - 6/8/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: _____		SHEET 1 OF 2 SHEETS		STA. _____ TO STA. _____	
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-3)PCC,SR,DR	LASALLE	20	16
CONTRACT NO. 66N59				
ILLINOIS FED. AID PROJECT				

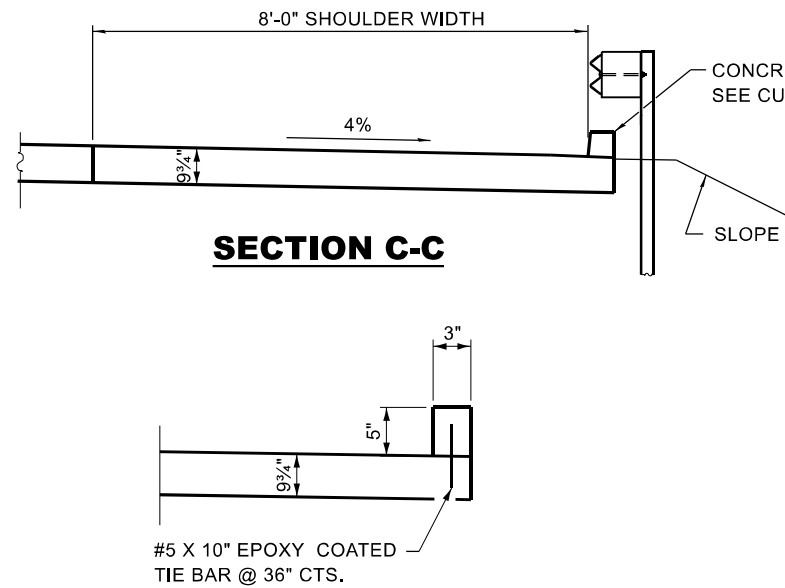


① JOINTS IN PROLONGATION WITH EXISTING JOINTS IN PAVEMENTS.

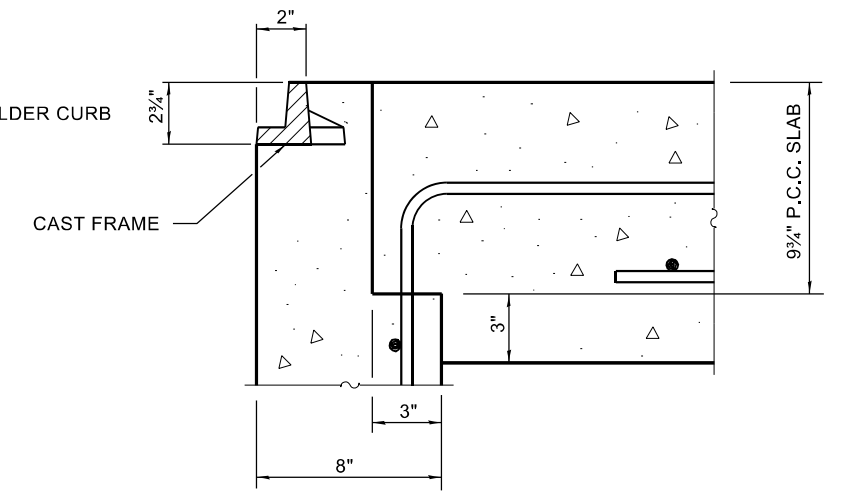
PLAN

LEGEND

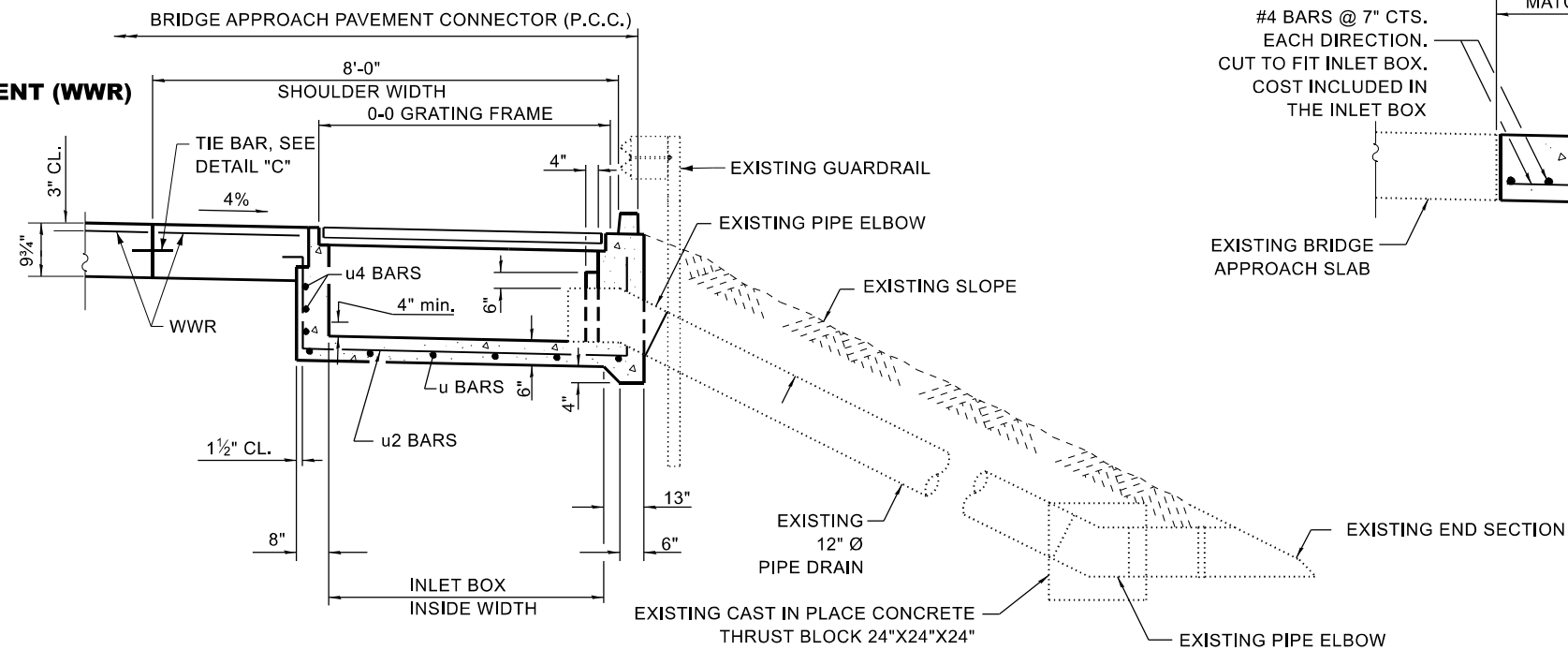
WELDED WIRE REINFORCEMENT (WWR)



CONCRETE SHOULDER CURB
30 EACH REQUIRED



DETAIL A



SECTION B-B

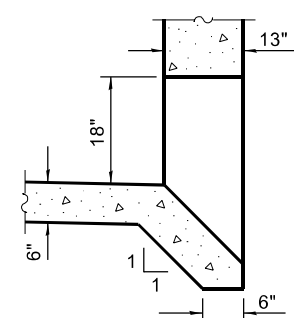
SECTION A-A

GENERAL NOTES

SEE STANDARD 630001 FOR DETAILS OF GUARDRAIL NOT SHOWN.

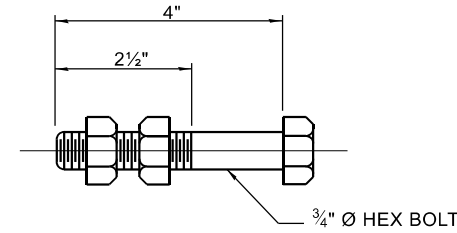
ALL EXPOSED EDGES OF THE INLET, EXCEPT THE UPPER PERIMETER, SHALL BE BEVELED 3/4".

FOR PLACEMENT OF DRAINAGE ELEMENTS ON EXISTING CONSTRUCTION WITH EXISTING RIGID PAVEMENT, SUBSTITUTE EXPANSION ANCHOR TIES FOR TIE BARS. FOR NONRIGID PAVEMENTS OR MONOLITHIC CONSTRUCTION OF PCC SLAB AND SHOULDER, OMIT TIE BARS.



BOX OUTLET WHEN PRECAST

INLET TYPE	SHOULDER WIDTH	O-O GRATING FRAME	INLET BOX INSIDE WIDTH	INLET BOX INSIDE LENGTH
TYPE E	8'	4'-4"	3'-11"	18"



ANCHOR BOLT

(USED TO TIE PIPE TO CONCRETE COLLAR)

MODEL: D:\in\... FILE NAME: ...

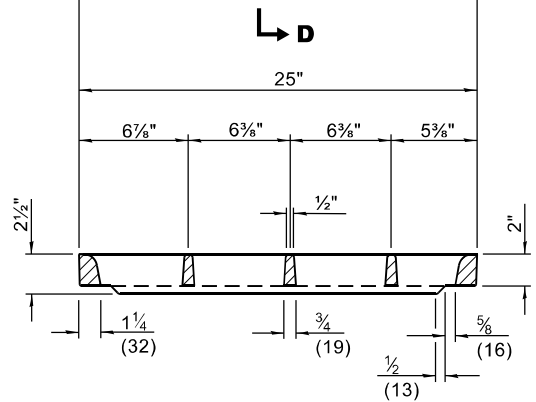
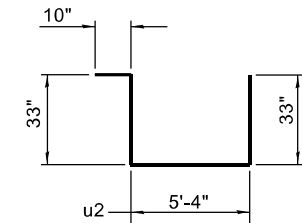
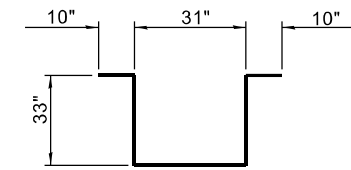
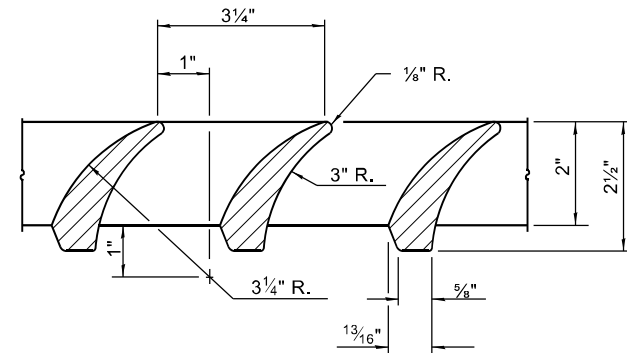
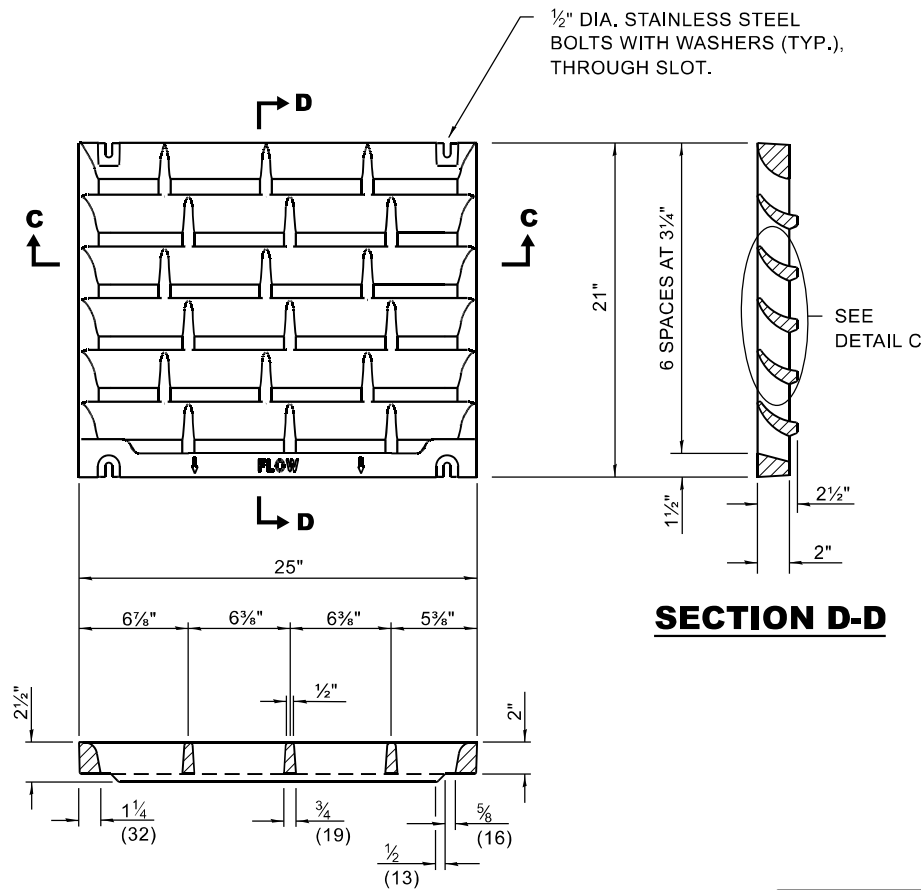
USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	REVISED -	
PLOT SCALE = 50,000' / in.	CHECKED - YP	REVISED -
PLOT DATE = 10/16/2023	DATE - 6/8/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

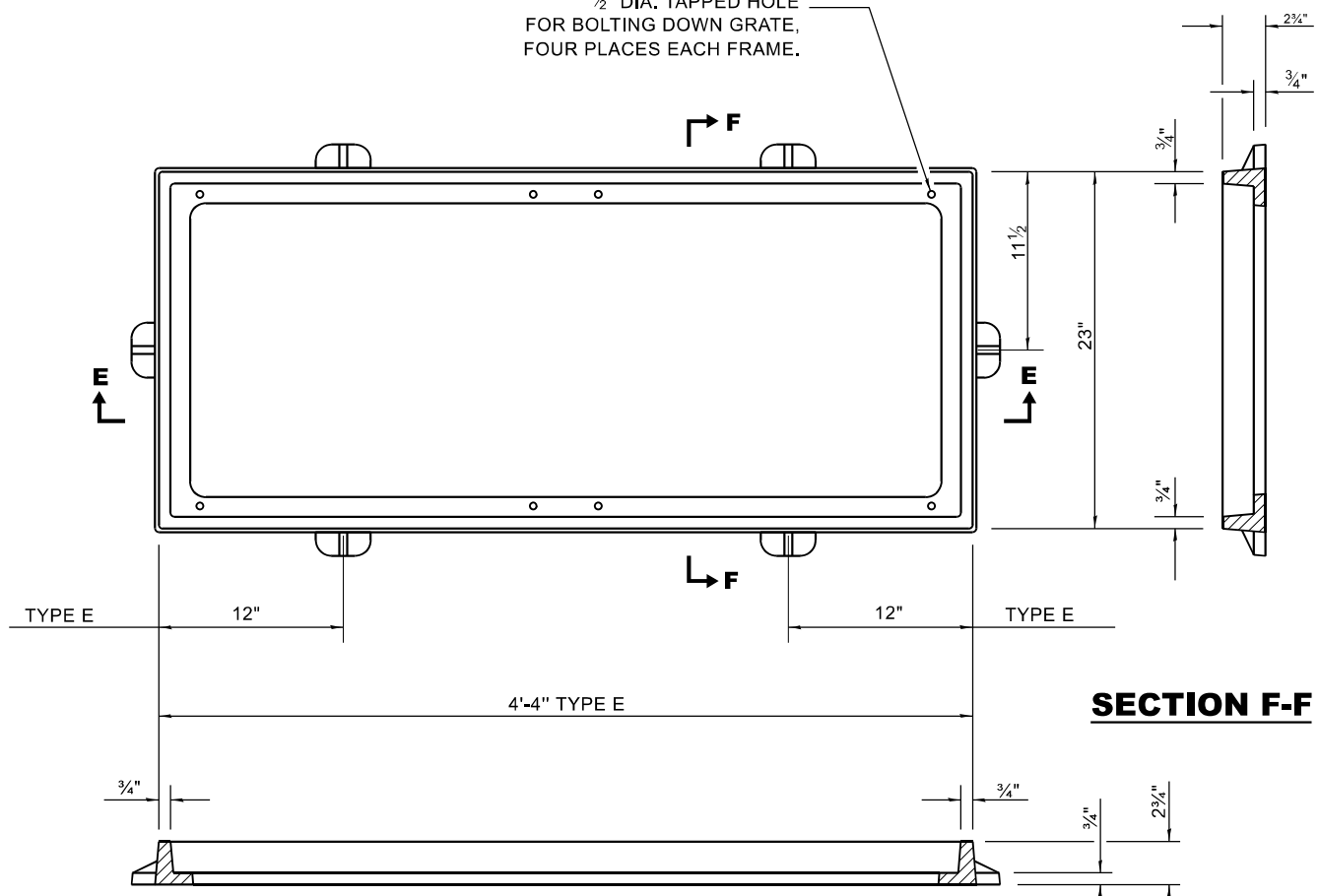
SHOULDER INLET WITH CURB

SCALE: _____ SHEET 1 OF 2 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-3)PCC,SR,DR	LASALLE	20	17
CONTRACT NO. 66N59				
ILLINOIS FED. AID PROJECT				



1/2" DIA. TAPPED HOLE FOR BOLTING DOWN GRATE, FOUR PLACES EACH FRAME.



INLET BOX

REQUIRED MATERIAL			
TYPE E			
BAR	QTY.	SIZE	LENGTH
u	6	#4	9'-9"
u2	3	#4	11'-8"
u4	4	#4	13'-1 1/2"
CONCRETE BOX	CU. YDS.	1.3	
CONCRETE SLAB	CU. YDS.	3.3	
REINF. BARS BOX	LBS.	98	
REINF. BARS SLAB	LBS.	300	
GRATING	SQ. FT.	7.3	

QUANTITIES SHOWN ARE FOR INFORMATION ONLY. QUANTITIES SHALL BE INCLUDED IN THE COST OF THE INLET BOX.

CONCRETE CURB WILL BE PAID FOR ACCORDING TO SECTION 662 OF THE STANDARD SPECIFICATIONS.

TIE BARS SHOWN SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE RELATED CONCRETE WORK.

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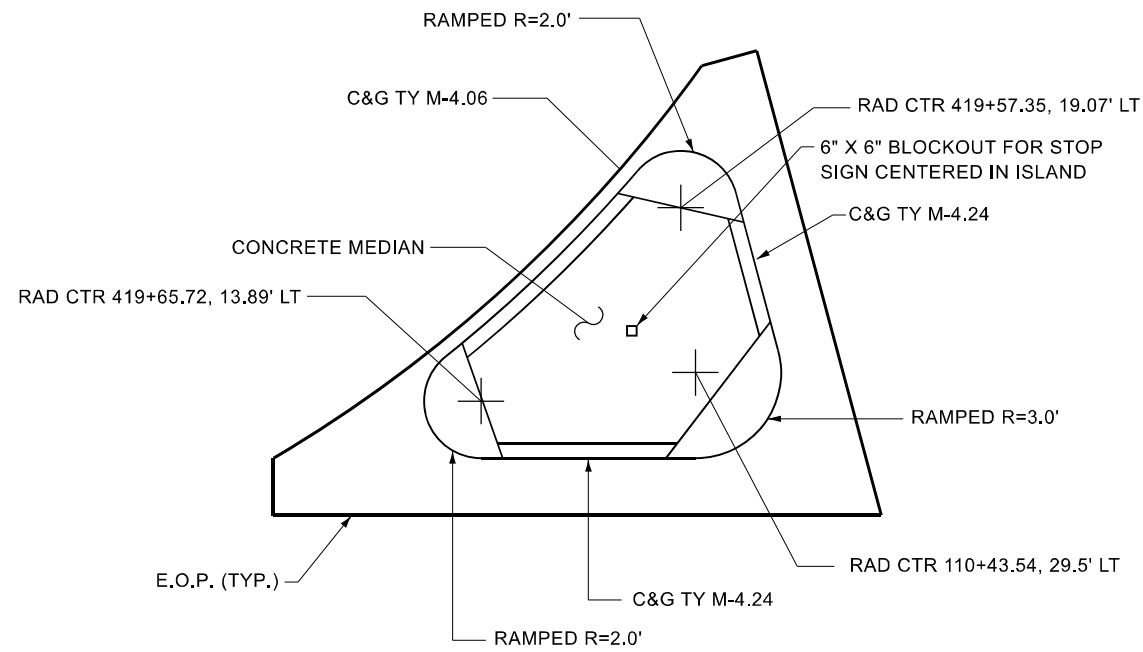
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DRAWN - RW	REVISED -	
PLOT SCALE = 100,000' / in.	CHECKED - YP	REVISED -
PLOT DATE = 10/11/2023	DATE - 6/8/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHOULDER INLET WITH CURB

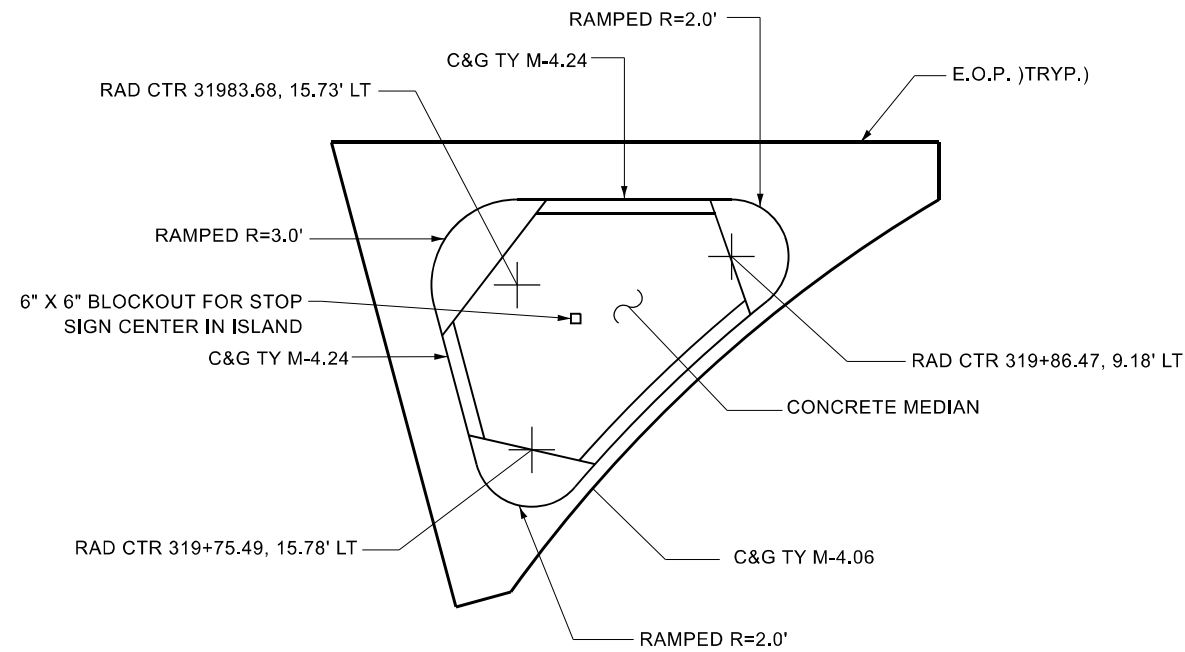
SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-3)PCC,SR,DR	LASALLE	20	18
CONTRACT NO. 66N59				
ILLINOIS FED. AID PROJECT				



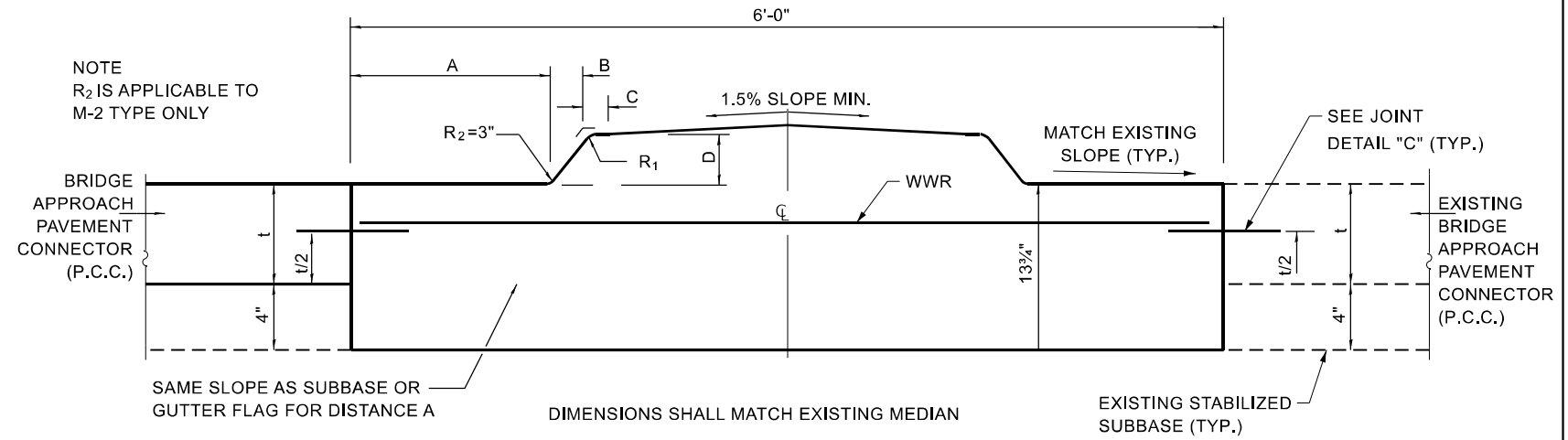
**ISLAND PLAN
RAMP "K"**

#6 EPOXY COATED TIE BARS SHALL BE
INSTALLED AROUND PERIMETER OF E.O.P.
SEE DETAIL "C" SHEET 13 OF 19

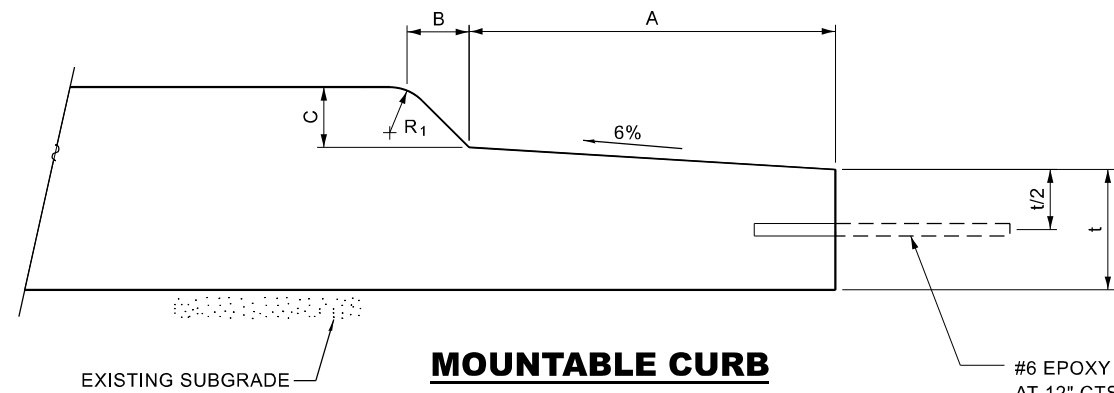


**ISLAND PLAN
RAMP "J"**

#6 EPOXY COATED TIE BARS SHALL BE
INSTALLED AROUND PERIMETER OF E.O.P.
SEE DETAIL "C" SHEET 13 OF 19



ELEVATION
(TYPE SM MEDIANS)
LOOKING NORTH



MOUNTABLE CURB

TABLE OF DIMENSIONS				
MOUNTABLE CURB				
TYPE	A	B	C	R ₁
M-4.06	6"	4"	4"	3"
M-4.24	24"	4"	4"	3"

MODEL: D:\info...
 FILE NAME: ...
 PROJECT: ...
 USER: ...
 DATE: ...

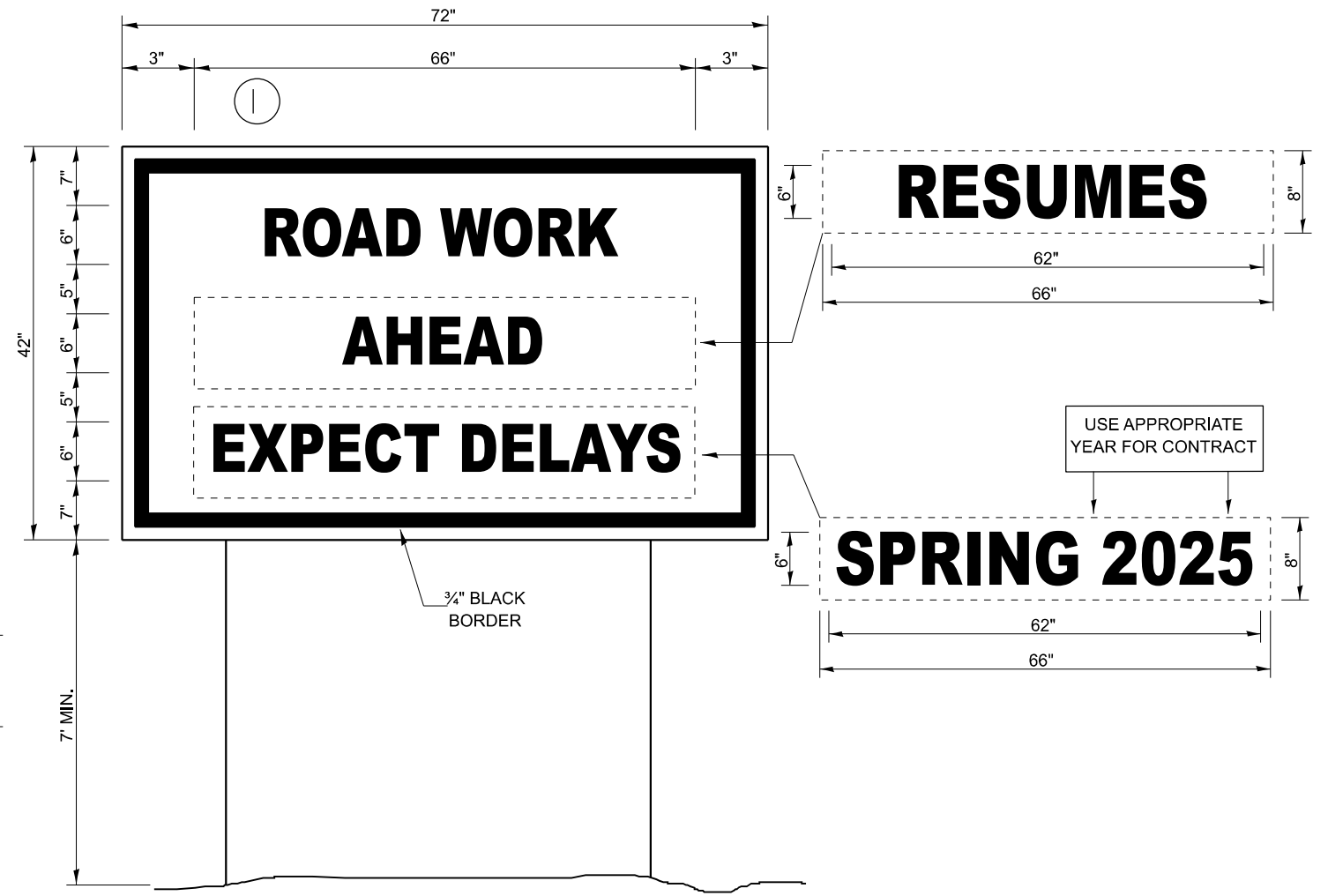
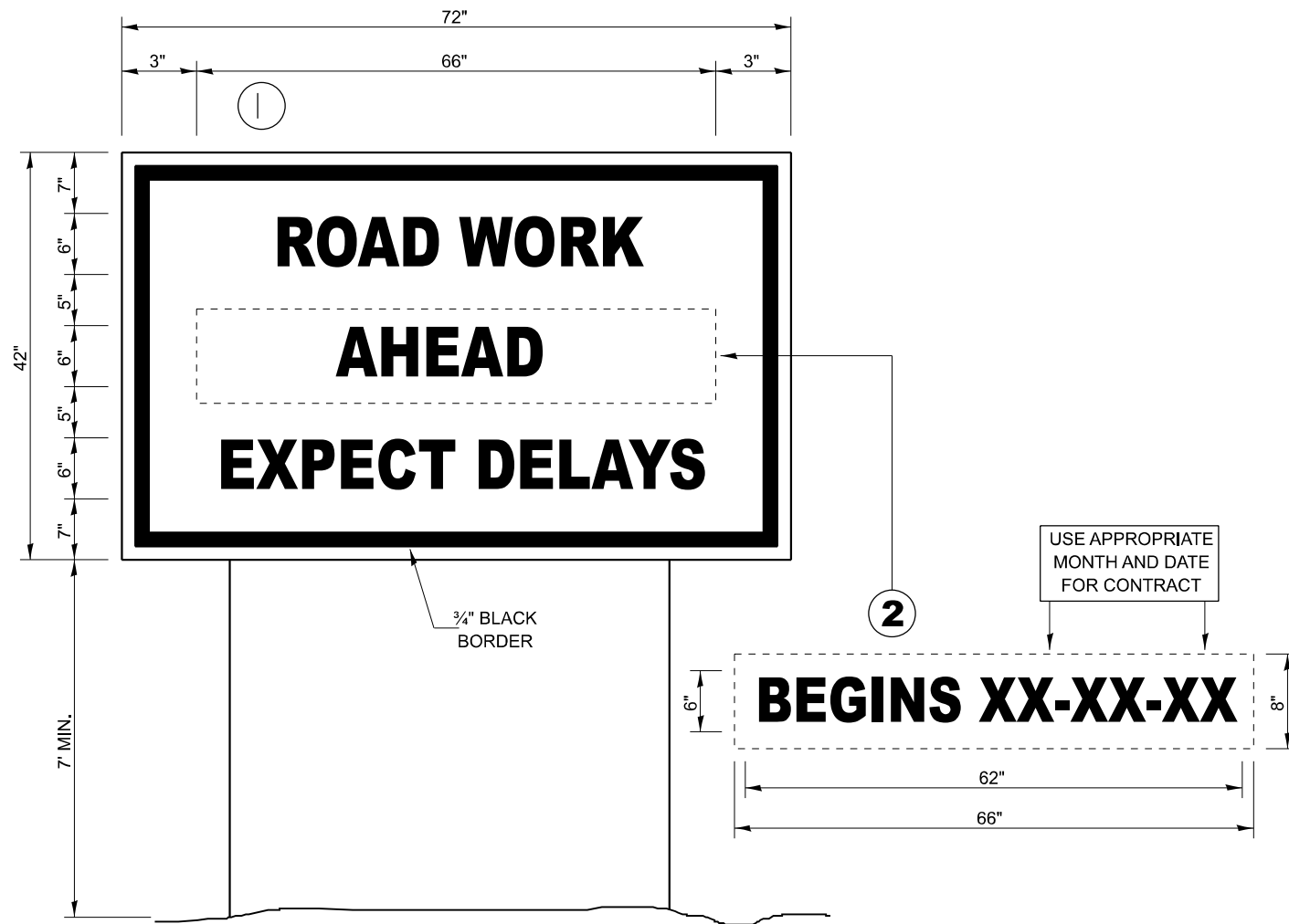
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DRAWN - RW	REVISED -	
PLOT SCALE = 100,000' / in.	CHECKED - YP	REVISED -
PLOT DATE = 10/11/2023	DATE - 6/8/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PC CONCRETE ISLANDS AND MEDIANS

SCALE: _____ SHEET 1 OF 1 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-3)PCC,SR,DR	LASALLE	20	19
CONTRACT NO. 66N59				
ILLINOIS FED. AID PROJECT				



TEMPORARY INFORMATION SIGNING

WINTER SHUT DOWN SIGNING

NOTES:

- USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
- ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
- ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
- REMOVE PANEL ② ON THAT DATE.
- SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
- WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

MODEL: D:\info\... FILE NAME: ...

USER NAME = ronald.woodshank	DESIGNED - RW	REVISED - ____
DRAWN - RW	CHECKED - YP	REVISED - ____
PLOT SCALE = 100,000' / in.	DATE - 6/8/2023	REVISED - ____
PLOT DATE = 10/11/2023		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INFORMATION SIGNING

SCALE: _____ SHEET 1 OF 1 SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-3)PCC,SR,DR	LASALLE	20	20
CONTRACT NO. 66N59				
ILLINOIS FED. AID PROJECT				