

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 649 (IL 17)
(16BR)BRR
BRIDGE REPAIRS
LIVINGSTON COUNTY

C-93-045-20

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(16BR)BRR	LIVINGSTON	20	1
ILLINOIS			CONTRACT NO. 66K79	

INDEX OF SHEETS

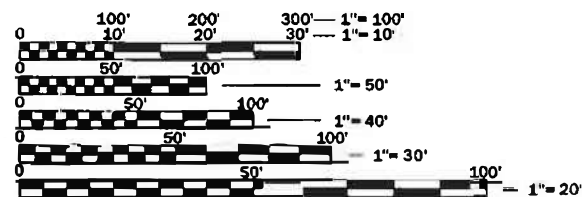
1. COVER SHEET
2. GENERAL NOTES & COMMITMENTS
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6. TYPICAL SECTION
7. SCHEDULES
- 8 - 9. TRAFFIC CONTROL AND PROTECTION, STANDARD 701321
10. SHOULDER AND GUARDRAIL REPAIRS
- 11 - 17. BRIDGE APPROACH SHOULDER REPAIRS
- 18 - 19. CLASS B PATCHING DETAILS
20. MISCELLANEOUS DETAILS

STANDARDS

- | | |
|-----------|---|
| 000001-07 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001001-02 | AREAS OF REINFORCEMENT BARS |
| 001006 | DECIMAL OF AN INCH AND OF A FOOT |
| 482006-03 | HMA SHOULDER ADJACENT TO RIGID PAVEMENT |
| 630001-12 | STEEL PLATE BEAM GUARDRAIL |
| 631031-16 | TRAFFIC BARRIER TERMINAL, TYPE 6 |
| 701001-02 | OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY |
| 701006-05 | OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE |
| 701201-05 | LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH |
| 701206-05 | LANE CLOSURE, 2L, 2W, NIGHT ONLY, FOR SPEEDS ≥ 45 MPH |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS |
| 701311-03 | LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY |
| 701901-08 | TRAFFIC CONTROL DEVICES |
| 704001-08 | TEMPORARY CONCRETE BARRIER |
| 782006-01 | GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS |

PROJECT LOCATION

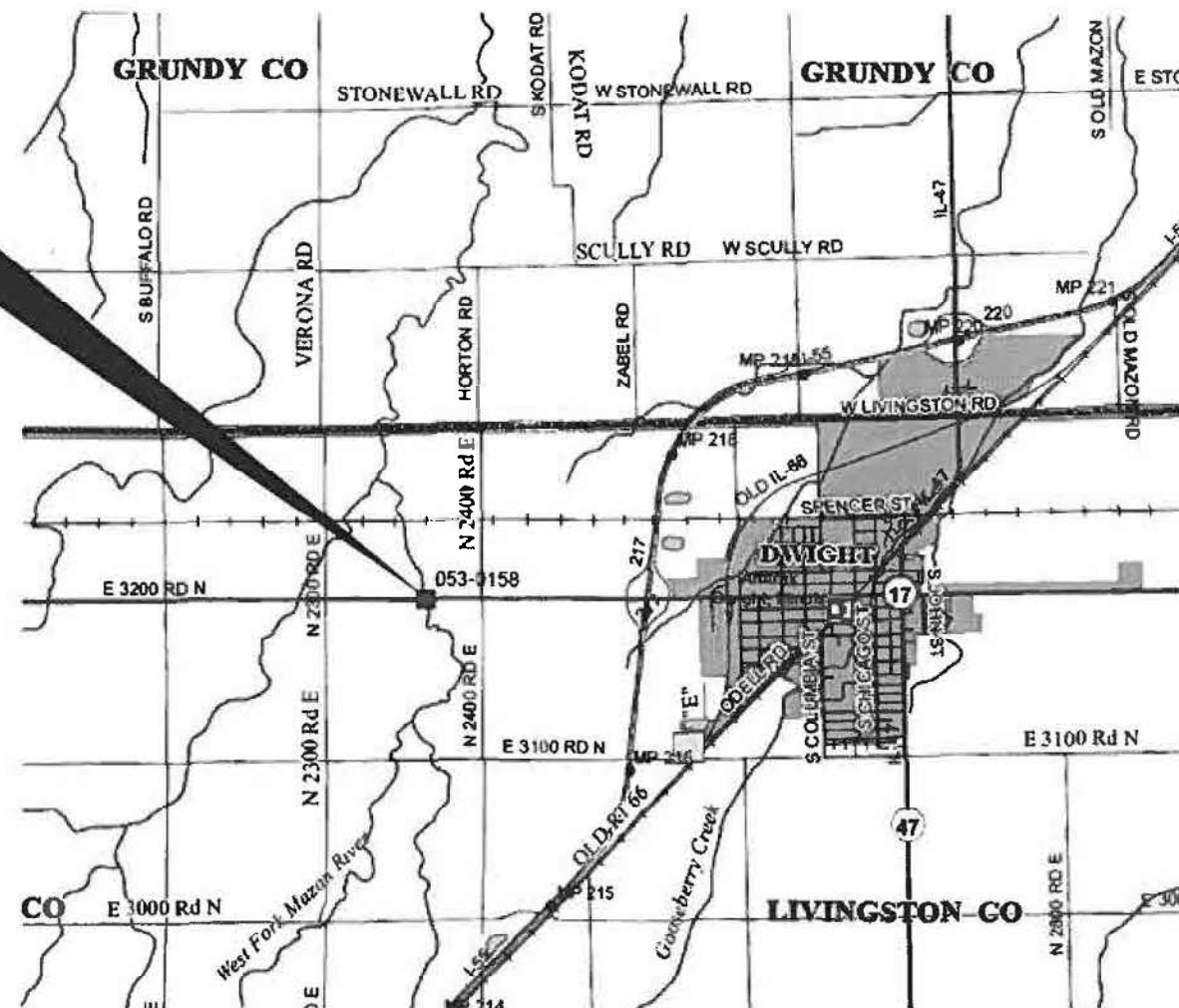
STRUCTURE NO. 053-0158
CARRYING FAP 649 (IL 17)
OVER W. FORK MAZON RIVER
APPROXIMATELY 1.33 MI. WEST OF I-55
(NEAR DWIGHT)



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: JOE KANNEL P.E.
UNIT CHIEF: RON WOODSHANK
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66K79



GROSS LENGTH = 163 FT. = 0.03 MILE
NET LENGTH = 163 FT. = 0.03 MILE



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

FUNCTIONAL CLASSIFICATION
RURAL - MINOR ARTERIAL
F.A.P. ROUTE 649 (IL 17)
2017 ADT = 1300
P.V. 85.4% S.U. 1.5% M.U. 13.1%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *March 17 20 20*
Thomas Ahrens
REGIONAL ENGINEER

May 8, 2020
Scott A. Elk
ENGINEER OF DESIGN AND ENVIRONMENT

May 8, 2020
James J. ...
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

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OF THE STATE OF ILLINOIS**

GENERAL NOTES

FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

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 (ROW) DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

COMMITMENTS

AREAS OF DECK SLAB REPAIRS SHOWN ARE ESTIMATED. THE ENGINEER SHALL SHOW ACTUAL LOCATIONS AND QUANTITIES OF DECK REPAIRS ON "AS-BUILT" PLAN SHEETS. THE ENGINEER SHALL SUBMIT THE "AS-BUILT" DECK SLAB REPAIR PLAN SHEETS TO THE SPRINGFIELD BRIDGE OFFICE PRIOR TO COMPLETION OF THE CONTRACT. CONTACT PERSON IS VICTOR VELIZ PHONE 217-782-2708.

ALL STEEL PLATE BEAM GUARDRAILS AND TERMINAL SECTIONS, INCLUDING ALL HARDWARE POSTS, RAIL ELEMENTS, AND BLOCK OUTS SHALL BE REMOVED AND DELIVERED TO THE DEPARTMENTS PONTIAC MAINTENANCE YARD. CONTACT PERSON IS MARK EMM PHONE 815-693-1773.

**HMA MIXTURE REQUIREMENT TABLE
FOR FAP 649 (IL 17)**

LOCATION(S):	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA SHOULDER BOTTOM 1ST LIFT (3")	HMA SHOULDER BOTTOM 2ND LIFT (3")	HMA SHOULDER TOP LIFT (2")
BINDER GRADE (PG):	PG64-22	PG64-22	PG64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 19.0	IL 19.0	IL 9.5FG
FRICTION AGGREGATE:			MIXTURE C
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A	N/A
DENSITY TEST METHOD:	CORES	CORES	CORES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: Don Beaulieu
DISTRICT STUDIES & PLANS ENGINEER

DATE: March 17, 2020

EXAMINED BY: [Signature]
DISTRICT CONSTRUCTION ENGINEER
[Signature]
DISTRICT MATERIALS ENGINEER
[Signature]
DISTRICT OPERATIONS ENGINEER

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PLOT DATE = 2/26/2020	DATE - _____	REVISED - 8/28/2019

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

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

F.A.P. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	116BR/BRR	LIVINGSTON	20	2
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66K79	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				CONTRACT MAINTENANCE	
				100% STATE BRIDGE	
				0047	RURAL
20200100	EARTH EXCAVATION	CU YD	1.7	1.7	
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	11	11	
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	15	15	
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	270	270	
42100615	PAVEMENT REINFORCEMENT	SQ YD	50	50	
44200050	WELDED WIRE REINFORCEMENT	SQ YD	53	53	
44201025	CLASS B PATCHES, TYPE IV, 14 INCH	SQ YD	53	53	
44201299	DOWEL BARS 1 1/2"	EACH	20	20	
44213200	SAW CUTS	FOOT	116	116	
44213204	TIE BARS 3/4"	EACH	34	34	
44900105	REMOVAL AND REPLACEMENT OF PREFORMED ELASTOMERIC JOINT SEALS FOR PAVEMENT	FOOT	43	43	
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	598	598	
50102400	CONCRETE REMOVAL	CU YD	4.7	4.7	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	4.7	4.7	

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PLOT DATE = 2/26/2020	DATE - 8/28/2019	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(16BR)BRR	LIVINGSTON	20	3
			CONTRACT NO. 66K79	
		ILLINOIS	FED. AID PROJECT	

CONSTRUCTION CODE
 CONTRACT MAINTENANCE
 100% STATE
 BRIDGE
 0047
 RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
50300300	PROTECTIVE COAT	SQ YD	62	62
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	534	534
50800515	BAR SPLICERS	EACH	13	13
52000110	PREFORMED JOINT STRIP SEAL	FOOT	42	42
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	175	175
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4
67100100	MOBILIZATION	L SUM	1	1
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	1
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1
70400100	TEMPORARY CONCRETE BARRIER	FOOT	388	388
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	388	388
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2

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PLOT DATE = 2/26/2020	DATE - 8/28/2019	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE. 649	SECTION (16BR)BRR	COUNTY LIVINGSTON	TOTAL SHEETS 20	SHEET NO. 4
CONTRACT NO. 66K79				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				CONTRACT MAINTENANCE	
				100% STATE	
				BRIDGE	
				0047	
				RURAL	
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	735		735
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	162		162
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8		8
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	329		329
X2700001	TEMPORARY RUMBLE STRIPS (SPECIAL)	EACH	18		18
X4201510	P.C. CONCRETE BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL)	SQ YD	50		50
* X6300260	STEEL PLATE BEAM GUARDRAIL, TYPE A (SALVAGED)	FOOT	1175		1175
Z0001495	BRIDGE APPROACH SHOULDER REMOVAL	SQ YD	29		29
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	38		38
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	62		62

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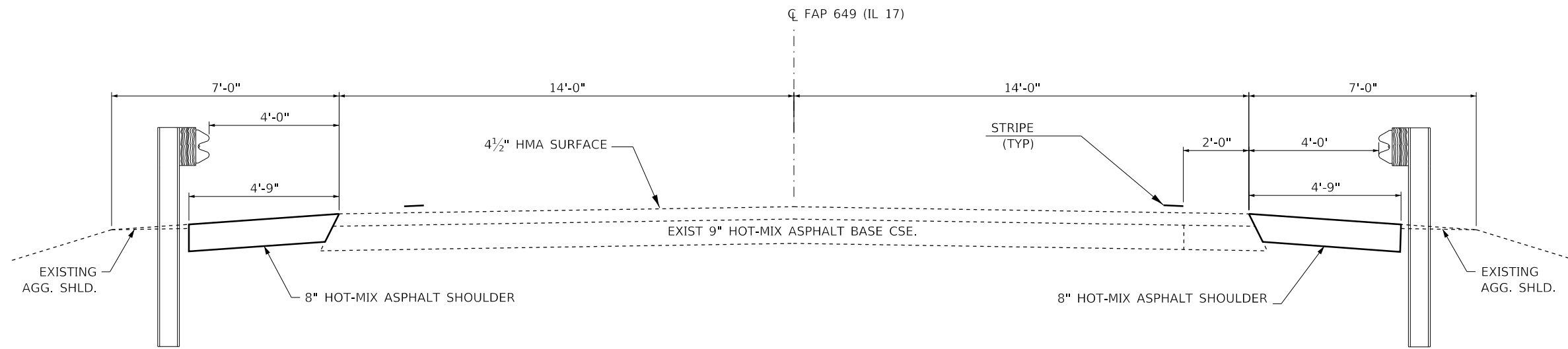
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PLOT DATE = 2/26/2020	DATE - 8/28/2019	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(16BR)BRR	LIVINGSTON	20	5
			CONTRACT NO. 66K79	
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION NO. 1

FAP 649 (IL 17)

STA. 100+29 TO STA. 102+96
 STA. 102+96 TO STA. 104+63 BRIDGE OMISSION
 STA. 104+63 TO STA. 107+30

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PLOT DATE = 2/26/2020	DATE - 8/28/2019	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(16BR)BRR	LIVINGSTON	20	6
CONTRACT NO. 66K79				
ILLINOIS FED. AID PROJECT				

**SCHEDULE - TRAFFIC CONTROL
STRUCTURE NO. 053-0158**

LOCATION	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	TEMPORARY BRIDGE TRAFFIC SIGNALS	TEMPORARY RUMBLE STRIPS (SPECIAL)	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3	IMPACT ATTENUATORS RELOCATE (NON-REDIRECTIVE) TEST LEVEL 3	TEMPORARY INFORMATION SIGNING
	EACH	EACH	EACH	FOOT	FOOT	EACH	EACH	SQ FT
STAGE I	1	1	6	387.5		2		42
STAGE II					387.5		2	
TOTAL	1	1	6	387.5	387.5	2	2	42

**SCHEDULE - GUARDRAIL
STRUCTURE NO. 053-0158**

LOCATION	GUARDRAIL REMOVAL	STEEL PLATE BEAM GUARDRAIL, TYPE A	TRAFFIC BARRIER TERMINAL TYPE 6	TRAFFIC BARRIER TERMINAL TYPE 1 (SPECIAL) TANGENT	GUARDRAIL REFLECTORS, TYPE A	LINEAR DELINEATOR PANELS, 4 INCH
	FOOT	FOOT	EACH	EACH	EACH	EACH
SE QUAD	250	12.5	1	1	2	1
NE QUAD	350	75	1	1	2	1
SW QUAD	325	75	1	1	2	1
NW QUAD	250	12.5	1	1	2	1
TOTAL	1175	175	4	4	8	4

**SCHEDULE - PAVEMENT MARKING
STRUCTURE NO. 053-0158**

LOCATION	PAVEMENT MARKING REMOVAL WATER BLASTING	POLYUREA PAVEMENT MARKING TYPE 1 LINE 4"	POLYUREA PAVEMENT MARKING TYPE 1 LINE 6"
	SQ FT	FOOT	FOOT
STAGE I	208		
STAGE II	121	732	162
TOTAL	329	732	162

**SCHEDULE - BRIDGE APPROACH SHOULDER
STRUCTURE NO. 053-0158**

LOCATION	BRIDGE APPROACH SHOULDER REMOVAL	SUBBASE GRANULAR MATERIAL, TYPE B 4"	PAVEMENT REINFORCEMENT	P.C. CONCRETE BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL)
	SQ YD	SQ YD	SQ YD	SQ YD
SE QUAD	7	4.5	13	13
NE QUAD	7	4.6	12	12
SW QUAD	6	3	12	12
NW QUAD	9	2.9	13	13
TOTAL	29	15	50	50

**SCHEDULE - HOT-MIX ASPHALT SHOULDER
STRUCTURE NO. 053-0158**

LOCATION	EARTH EXCAVATION	EXCAVATING AND GRADING EXISTING SHOULDER	HOT-MIX ASPHALT SHOULDER 8"	BITUMINOUS MATERIALS (TACK COAT)
	CU YD	UNIT	SQ YD	POUND
SE QUAD	0.5	2.6	143	64
NE QUAD	0.51	2.9	156	70
SW QUAD	0.33	2.9	156	70
NW QUAD	0.32	2.6	143	64
TOTAL	1.7	11	598	268

**SCHEDULE - PATCHING
STRUCTURE NO. 053-0158**

LOCATION	EASTBOUND LANE					
	PATCH LENGTH	CLASS B TYPE IV 14"	DOWEL BARS 1 1/2"	SAW CUTS	WELDED WIRE REINF.	TIE BARS 3/4"
	(FT)	SQ YD	EACH	FOOT	SQ YD	EACH
SE CORNER	40	53	20	116	53	20
TOTALS	40	53	20	116	53	20

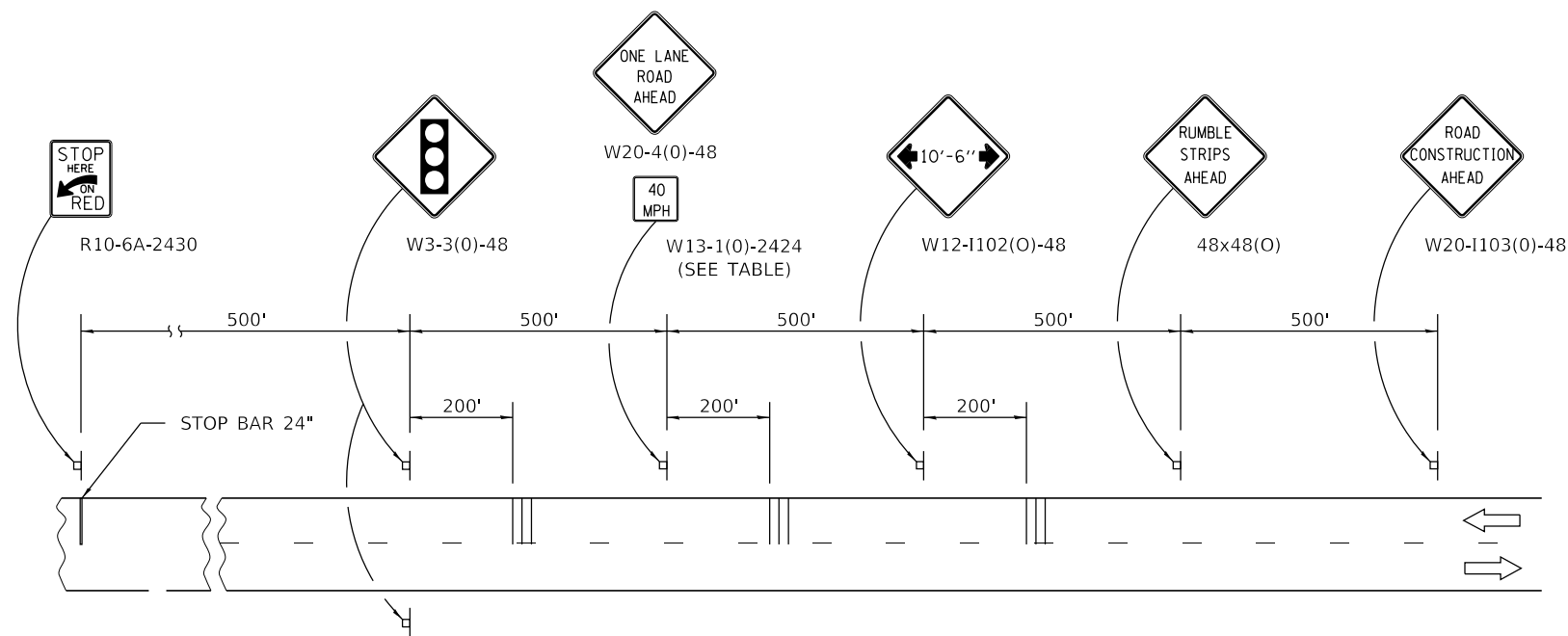
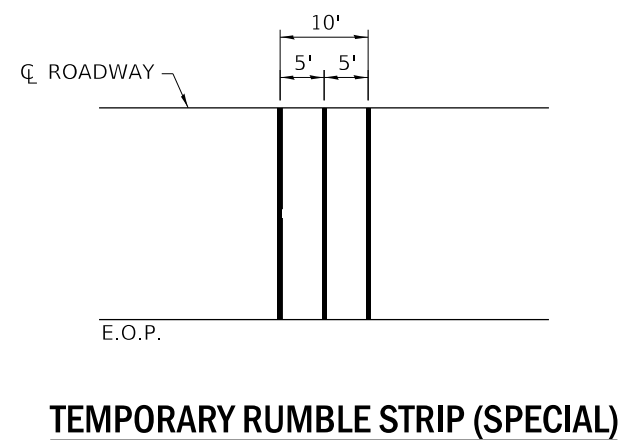
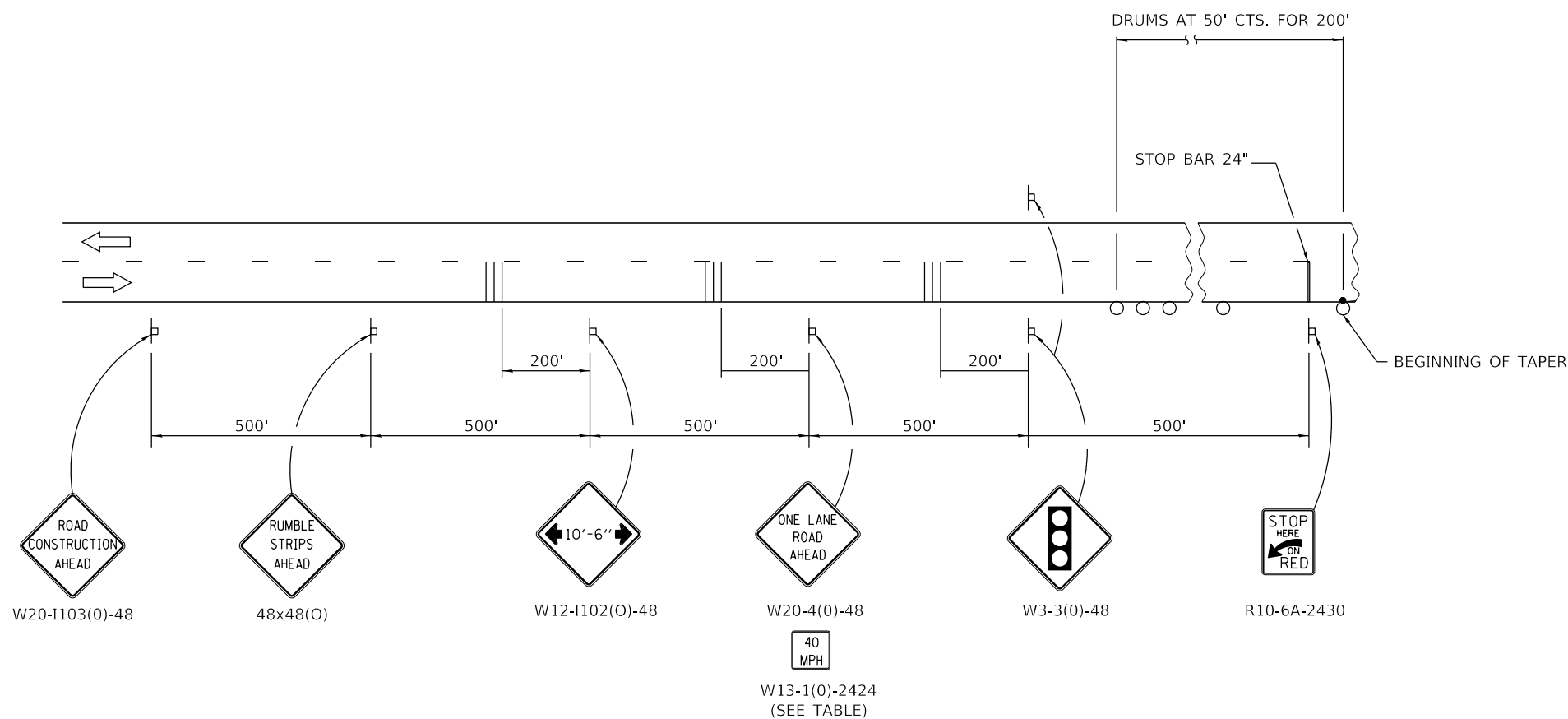
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PLOT DATE = 2/26/2020	DATE - 8/28/2019	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES STRUCTURE NO. 053-0158			
SCALE: _____	SHEET 1 OF 1 SHEETS	STA. _____	TO STA. _____

F.A.P. RTE. 649	SECTION (16BR)BRR	COUNTY LIVINGSTON	TOTAL SHEETS 20	SHEET NO. 7
			CONTRACT NO. 66K79	
ILLINOIS FED. AID PROJECT				



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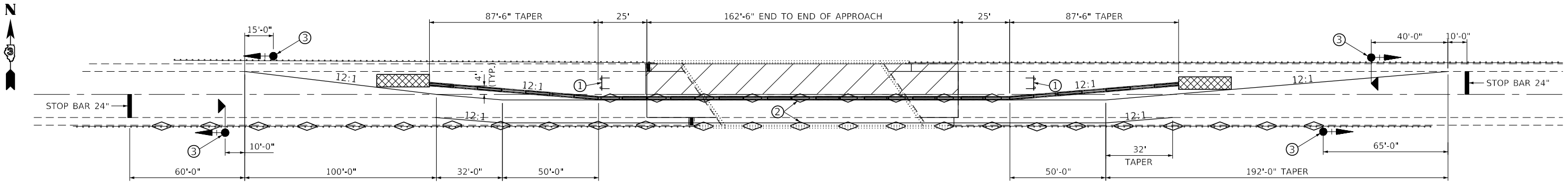
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

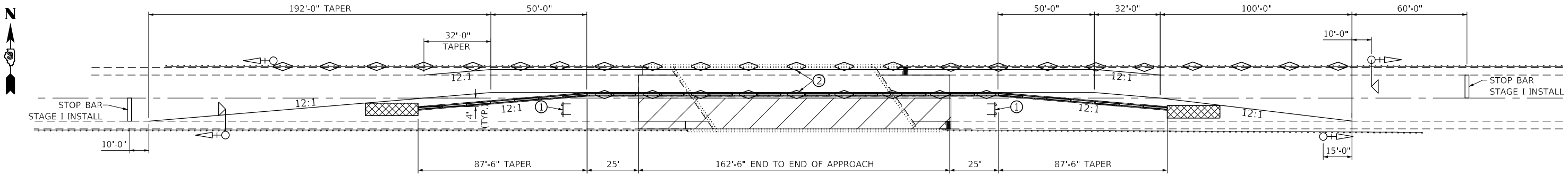
**ADVANCE SIGNING FOR
TRAFFIC CONTROL AND PROTECTION, STANDARD 701321
STRUCTURE NO. 053-0158**

F.A.P. RTE. 649	SECTION (16BR)BRR	COUNTY LIVINGSTON	TOTAL SHEETS 20	SHEET NO. 8
CONTRACT NO. 66K79				
ILLINOIS FED. AID PROJECT				

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

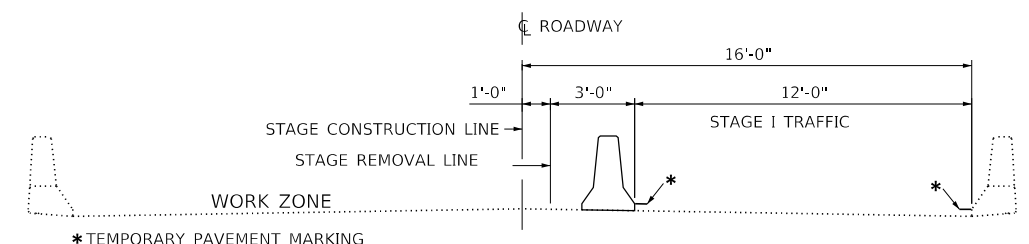


TRAFFIC CONTROL AND PROTECTION, STANDARD 701321
STRUCTURE NO. 053-0158
STAGE I TRAFFIC

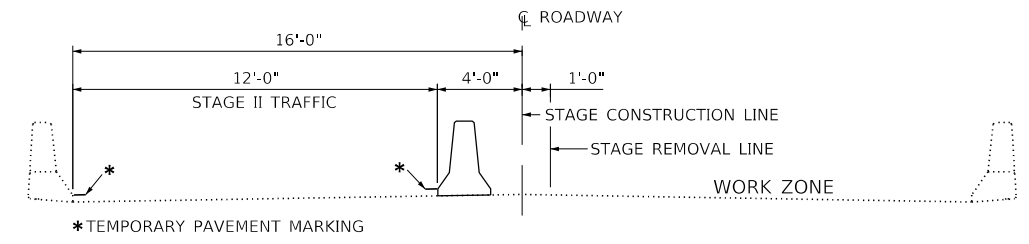


TRAFFIC CONTROL AND PROTECTION, STANDARD 701321
STRUCTURE NO. 053-0158
STAGE II TRAFFIC

NOTE: STAGE I TRAFFIC CONTROL IS SHOWN, STAGE II IS SIMILAR THROUGH A 180 DEG. ROTATION ABOUT CENTERLINE OF STRUCTURE.

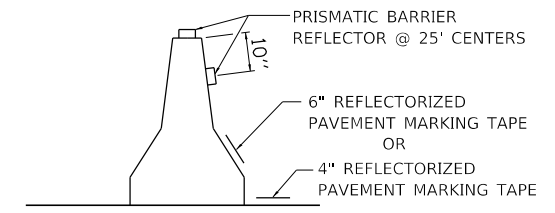


STAGE I
STRUCTURE NO. 053-0158 LOOKING EAST



STAGE II
STRUCTURE NO. 053-0158 LOOKING EAST

- ① TYPE III BARRICADE TO BE IN PLACE WHEN NO WORK IS BEING PERFORMED.
- ② GUARDRAIL/BARRIER WALL REFLECTORS AT 25' CTS. SEE STANDARDS 704001 AND 782006.
- ③ THE EDGE OF THE POST MOUNTED SIGNAL HEAD SHALL BE BETWEEN 24 INCHES AND 6' FROM EDGE OF SHOULDER.



TEMPORARY CONCRETE BARRIER WALL DETAILS

GENERAL NOTES

THIS STANDARD IS USED WHERE, AT ANY TIME, ANY VEHICLE, EQUIPMENT, WORKERS, OR THEIR ACTIVITIES WILL ENCROACH ON ONE LANE OF A BRIDGE. TRAFFIC SIGNALS AND A POSITIVE BARRIER ARE REQUIRED.

TRAFFIC SIGNALS SHALL BE OPERATIONAL ONLY WHEN ALL TRAFFIC CONTROLS ARE IN PLACE. WHEN TRAFFIC SIGNALS ARE NOT IN OPERATION, FLAGGERS SHALL BE USED AND TRAFFIC CONTROL SHALL CONFORM TO STANDARD 701201 OR 701206.

TEMPORARY CONCRETE BARRIER SHALL BE ACCORDING TO STANDARD 704001.

EXISTING OR TEMPORARY PAVEMENT MARKINGS SHALL BE ON BOTH SIDES OF OPEN LANE FROM STOP BAR TO STOP BAR.

TEMPORARY PAVEMENT MARKING AS SHOWN ON THIS DETAIL, SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STANDARD.

SYMBOLS

- WORK AREA
- SIGN
- TYPE III BARRICADE WITH FLASHING LIGHTS
- IMPACT ATTENUATOR
- DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER
- CRYSTAL, BI-DIRECTIONAL BARRIER WALL/GUARDRAIL MARKER
- TRAFFIC SIGNAL W/BACKPLATE; STAGE I INSTALL
- TRAFFIC SIGNAL W/BACKPLATE AND MICROWAVE DETECTOR STAGE I INSTALL
- TRAFFIC SIGNAL W/BACKPLATE
- TRAFFIC SIGNAL W/BACKPLATE AND MICROWAVE DETECTOR

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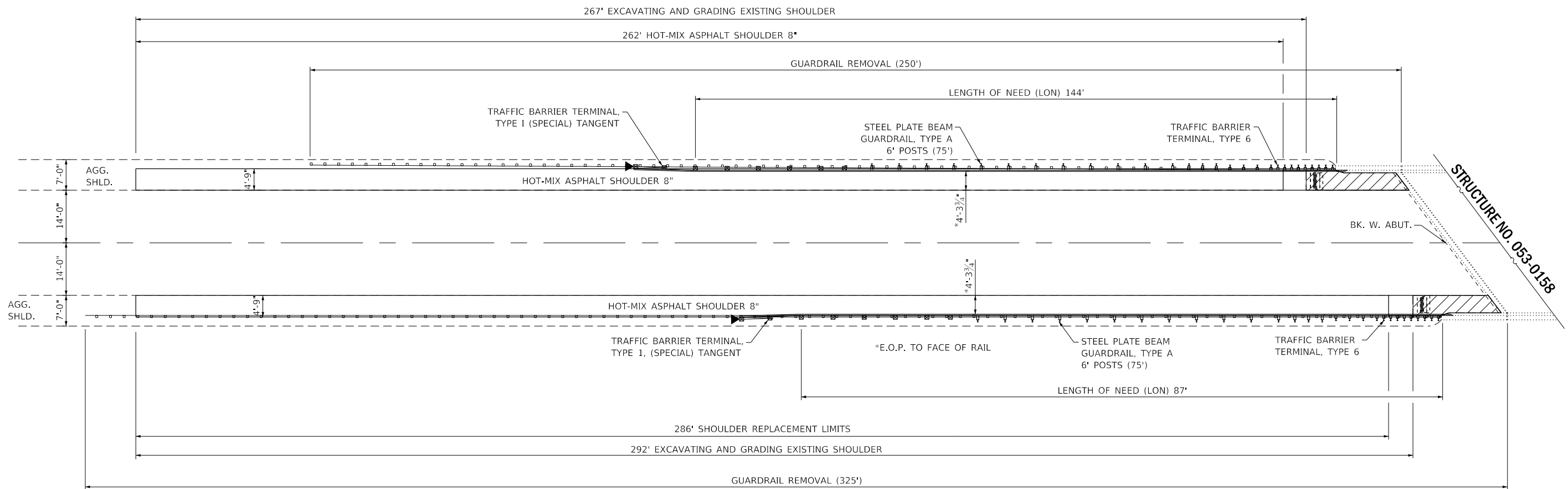
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	DATE - 8/28/2019	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

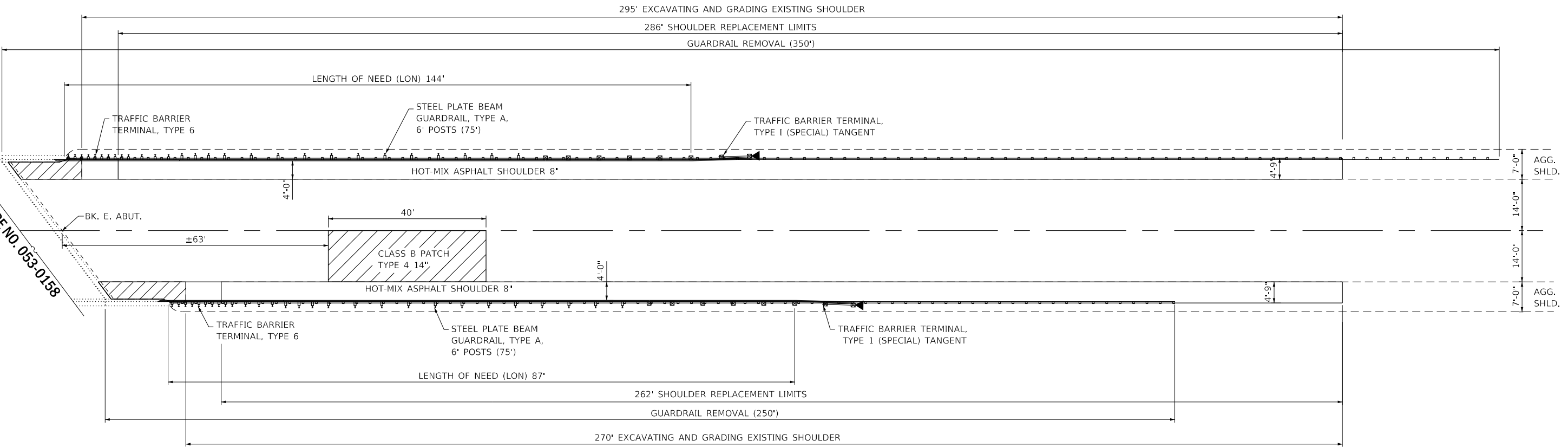
**TRAFFIC CONTROL AND PROTECTION, STANDARD 701321
FOR STRUCTURE NO. 053-0158**

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

F.A.P. RTE. 649	SECTION (16BR)BRR	COUNTY LIVINGSTON	TOTAL SHEETS 20	SHEET NO. 9
			CONTRACT NO. 66K79	
ILLINOIS FED. AID PROJECT				



BRIDGE APPROACH SHOULDER REMOVAL



PLAN

NOTE:
SPACE LINEAR DELINEATOR PANELS BETWEEN GUARDRAIL
REFLECTORS TYPE A AT 80' CENTER TO CENTER

MODEL: Default
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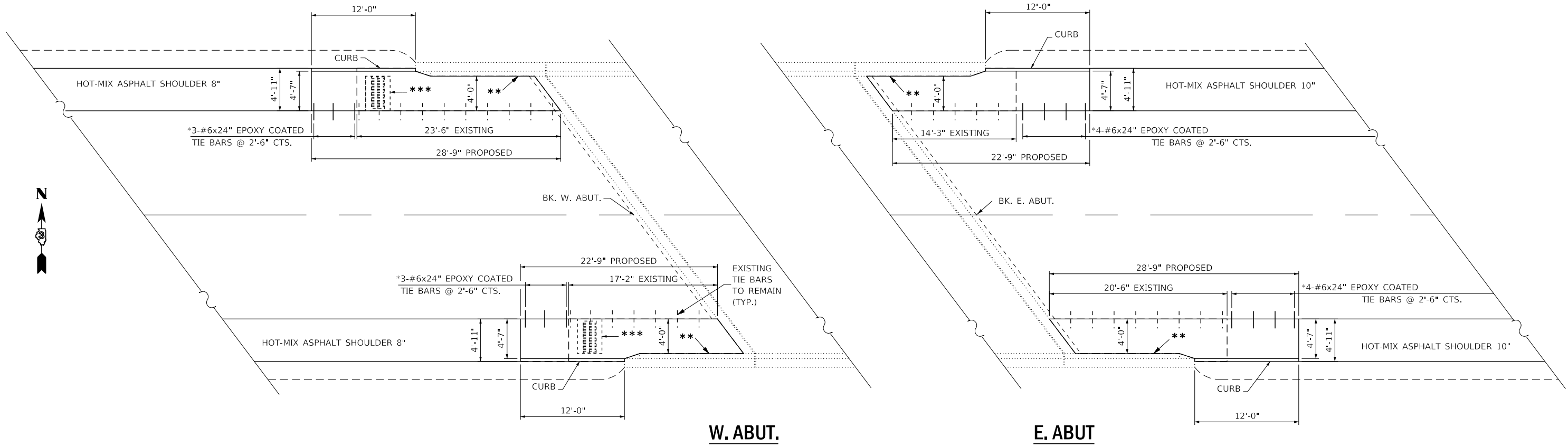
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PLOT SCALE = 100,0000' / in.	DATE - 8/28/2019	REVISED - _____
PLOT DATE = 2/26/2020		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL & SHOULDER REPAIR DETAILS
STRUCTURE NO. 053-0158**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(16BR)BRR	LIVINGSTON	20	10
CONTRACT NO. 66K79				
ILLINOIS FED. AID PROJECT				



*** EXISTING INLET BOX, FRAME AND GRATE SHALL BE CLEANED AND INCORPORATED INTO THE NEW CONSTRUCTION. NEW GUARDRAIL POST SPACING MAY NEED TO BE ADJUSTED TO GAP THE INLET BOX PIPING.

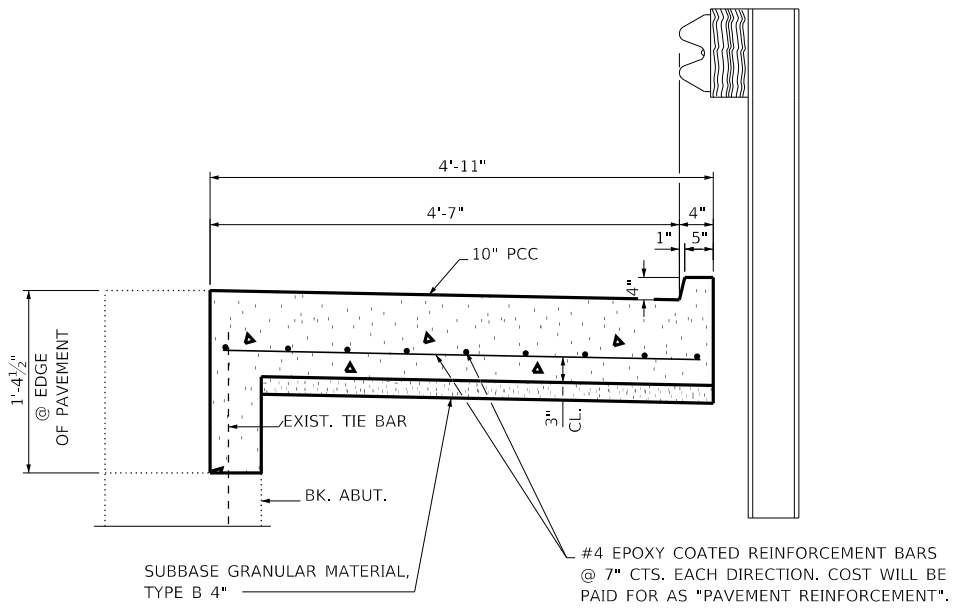
EXISTING TIE BARS TO REMAIN IN THE ABUT. AND EDGE OF PAVEMENT JOINT SHALL BE CLEANED AND INCORPORATED INTO THE NEW CONSTRUCTION. IF THE EXISTING TIE BARS ARE DAMAGED BEYOND RE-USE DUE TO THE CONTRACTORS REMOVAL OPERATIONS, THE TIE BARS SHALL BE REPLACED TO THE SATISFACTION OF THE ENGINEER. IF THE TIE BARS ARE DAMAGED OR DETERIORATED BEYOND REUSE, NOT DUE TO THE CONTRACTORS OPERATIONS THE TIE BARS SHALL BE REPLACED AND PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

* TIE BARS SHALL BE DRILLED AND GROUTED INTO EXISTING PAVEMENT ACCORDING TO SECTION 584 OF THE STANDARD SPECIFICATIONS.

** PREFORMED EXPANSION JOINT FILLER ACCORDING TO ARTICLE 1051.09 OF THE STANDARD SPECIFICATIONS: FULL DEPTH OF SLAB, FULL LENGTH OF PARAPET, TYP. EACH PARAPET. COST INCLUDED WITH CONCRETE SUPERSTRUCTURE (APPROACH SLAB).

**APPROACH SHOULDER BILL OF MATERIAL
STRUCTURE NO. 053-0158**

ITEM	UNIT	TOTAL
PCC BRIDGE APPROACH	SQ. YD.	50
SHOULDER PAVEMENT (SPECIAL)	SQ. YD.	29
BRIDGE APPROACH SHOULDER REMOVAL	SQ. YD.	29
TIE BARS $\frac{3}{4}$ "	EACH	14
PAVEMENT REINFORCEMENT	SQ. YD.	50
SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ. YD.	15



CROSS SECTION

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 PROJECT: 66K79
 DATE: 8/28/2019
 DRAWN: RW
 CHECKED: EM
 DATE: 8/28/2019

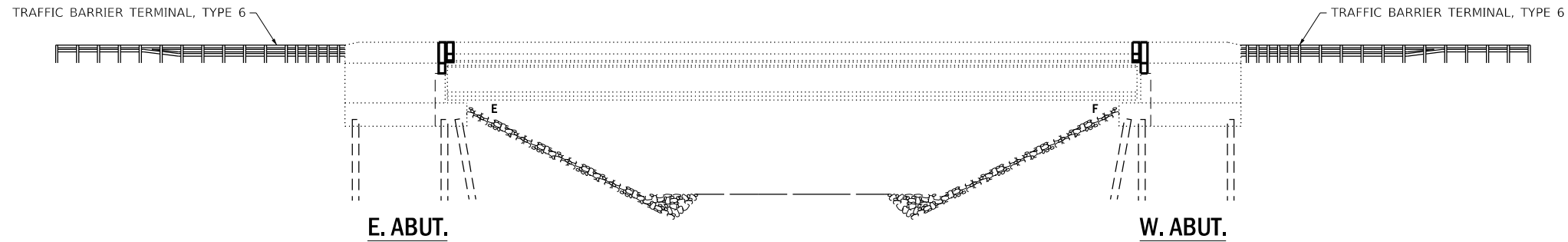
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PLOT DATE = 2/26/2020	DATE - 8/28/2019	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

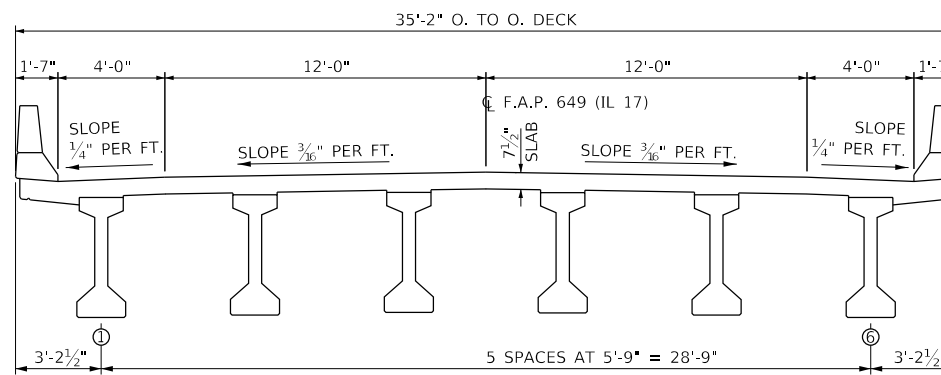
**P.C. BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL)
STRUCTURE NO. 053-0158**

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

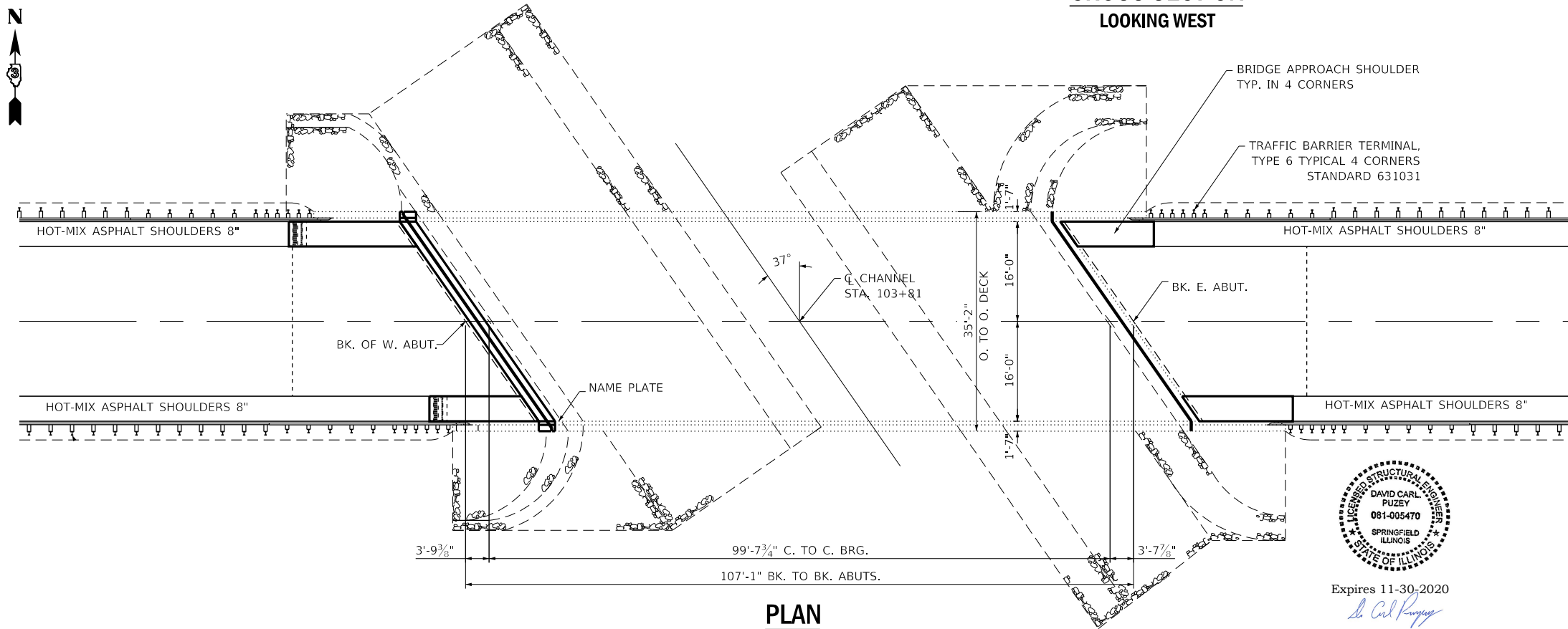
F.A.P. RTE. 649	SECTION (16BR)BRR	COUNTY LIVINGSTON	TOTAL SHEETS 20	SHEET NO. 11
			CONTRACT NO. 66K79	
			ILLINOIS FED. AID PROJECT	



ELEVATION



**CROSS SECTION
LOOKING WEST**



PLAN

NOTE: EXISTING PLAN STATIONING INCREASES FROM EAST TO WEST.
STATIONING HAS BEEN OMITTED FROM PLAN DETAILS. PLAN DETAILS HAVE BEEN ORIENTATED TO TRUE NORTH.

GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

PROTECTIVE COAT SHALL BE APPLIED TO ALL NEW CONCRETE SURFACES

EXISTING REINFORCEMENT BARS EXTENDING INTO THE REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.

THE CONTRACTOR SHALL USE EXTREME CARE DURING CONCRETE REMOVAL SO AS NOT TO DAMAGE THE PPC I-BEAM.

JOINT OPENING SHALL BE ADJUSTED ACCORDING TO ARTICLE 520.04 OF THE STANDARD SPECIFICATIONS WHEN THE DECK IS POURED AT AN AMBIENT TEMPERATURE OTHER THAN 50 DEGREES F.

THE DECK, BRIDGE APPROACH SHOULDERS AND HATCH BLOCK SURFACE SHALL HAVE ITS FINAL FINISH TINED ACCORDING TO ARTICLE 420.09(e)(1) OF THE STANDARD SPECIFICATIONS. COST INCLUDED WITH CONCRETE SUPERSTRUCTURE.

PRIOR TO POURING THE NEW CONCRETE DECK, ALL HEAVY OR LOOSE RUST, LOOSE MILL SCALE, AND OTHER LOOSE OR POTENTIALLY DETRIMENTAL FOREIGN MATERIALS SHALL BE REMOVED FROM THE SURFACES IN CONTACT WITH CONCRETE. TIGHTLY ADHERED PAINT MAY REMAIN UNLESS OTHERWISE NOTED. REMOVAL SHALL BE ACCOMPLISHED BY METHODS THAT WILL NOT DAMAGE THE STEEL AND THE COST WILL BE INCLUDED IN THE PAY ITEM COVERING REMOVAL OF THE EXISTING CONCRETE.

AS DIRECTED BY THE ENGINEER, EXISTING CONSTRUCTION ACCESSORIES WELDED TO THE TOP FLANGE OF BEAMS AND GRINDERS SHALL BE REMOVED. THE WELD AREAS SHALL BE GROUND FLUSH AND INSPECTED FOR CRACKS USING MAGNETIC PARTICLE TESTING (MT) OR DYE PENETRANT TESTING (PT) BY QUALIFIED PERSONNEL APPROVED BY THE ENGINEER.

ANY CRACKS THAT CANNOT BE REMOVED BY GRINDING 1/4 INCH DEEP SHALL BE IDENTIFIED AND REPORTED TO THE BUREAU OF BRIDGES AND STRUCTURES FOR FURTHER DISPOSITION. THE COST OF REMOVING WELDED ACCESSORIES, GRINDING AND INSPECTING WELD AREAS AND GRINDING CRACKS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

**TOTAL BILL OF MATERIAL
STRUCTURE NO. 053-0158**

ITEM	UNIT	SUPER	SUB	TOTAL
CONCRETE REMOVAL	CU. YD.	4.7		4.7
CONCRETE SUPERSTRUCTURE	CU. YD.	4.7		4.7
PROTECTIVE COAT	SQ. YD.	62		62
REINFORCEMENT BARS EPOXY COATED	POUND	534		534
BAR SPLICERS	EACH	13		13
PREFORMED JOINT STRIP SEAL	FOOT	43		43
P.C. CONCRETE BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL)	SQ. YD.	50		50
REMOVAL AND REPLACEMENT OF PREFORMED ELASTOMERIC JOINT SEALS FOR PAVEMENT	FOOT	43		43
BRIDGE APPROACH SHOULDER REMOVAL	SQ. YD.	29		29
DECK SLAB REPAIR (PARTIAL)	SQ. YD.	62		62



Expires 11-30-2020

David Carl Puzey

5/7/2020

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

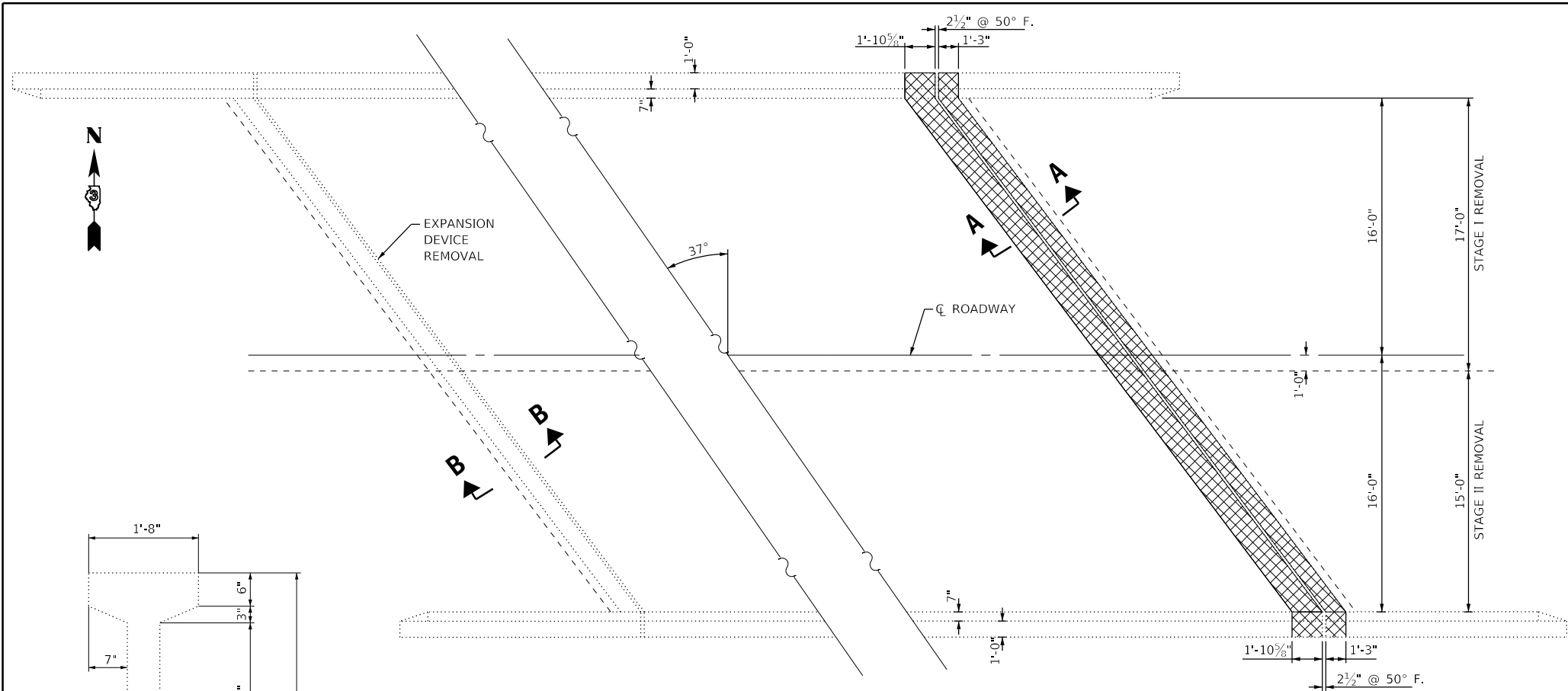
**GENERAL PLAN AND ELEVATION
FAP 649 (IL 17) OVER W. FORK OF MAZON R.
STRUCTURE NO. 053-0158**

SCALE: _____ SHEET 1 OF 6 SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(16BR)BRR	LIVINGSTON	20	12
			CONTRACT NO. 66K79	
			ILLINOIS FED. AID PROJECT	

USER NAME = woodshankr	DESIGNED - RON WOODSHANK	REVISED - _____
	DRAWN - RON WOODSHANK	REVISED - _____
PLOT SCALE = 100.0000' / in.	CHECKED - EVAN MARINI	REVISED - _____
PLOT DATE = 2/26/2020	DATE - 8/28/2019	REVISED - _____

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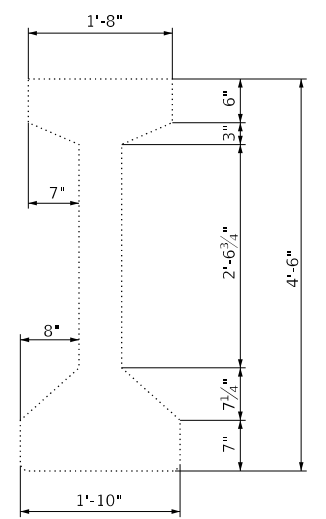


W. ABUT.

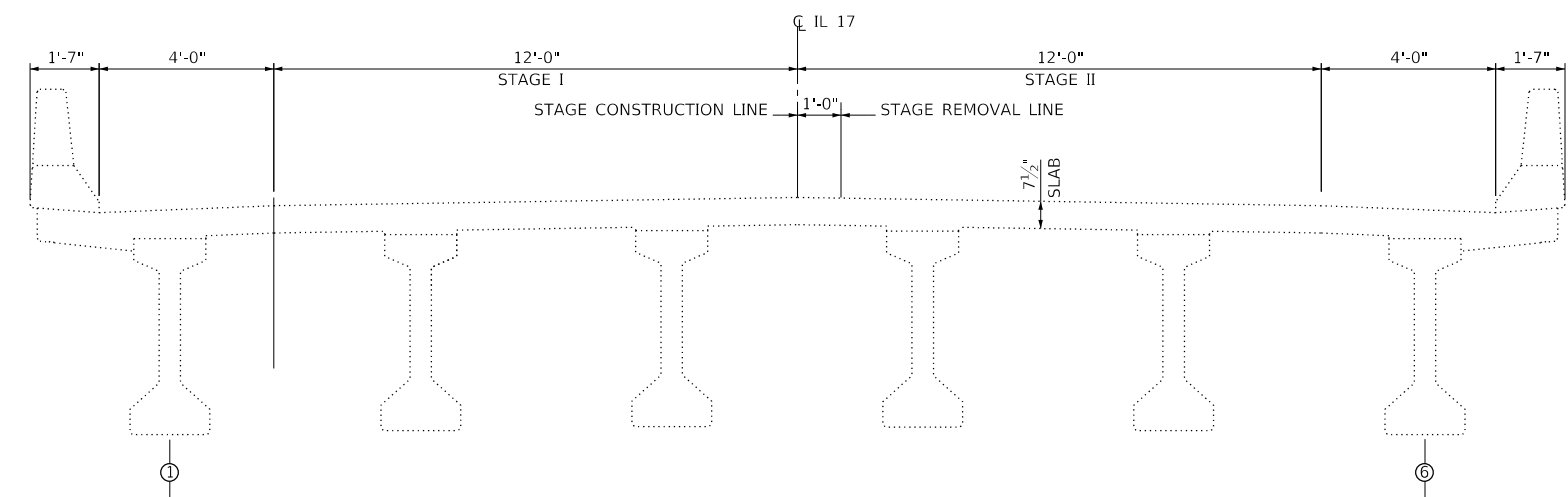
E. ABUT.

PLAN
STRUCTURE NO. 053-0158

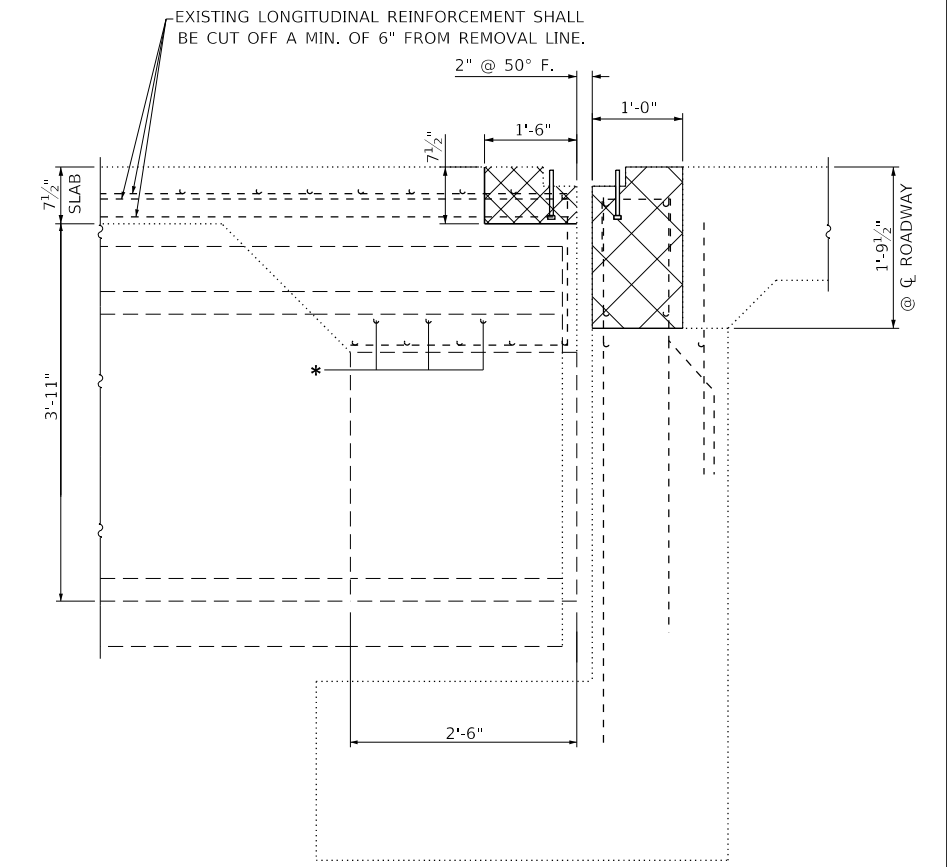
NOTE: CROSSED HATCHED AREA REPRESENTS CONCRETE REMOVAL LIMITS



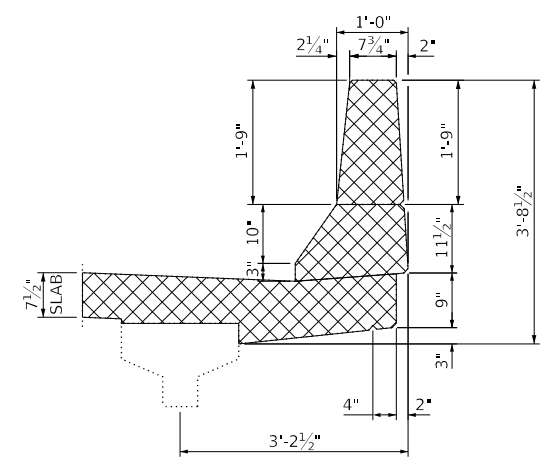
EXISTING PPC I-BEAM



CROSS SECTION
LOOKING EAST

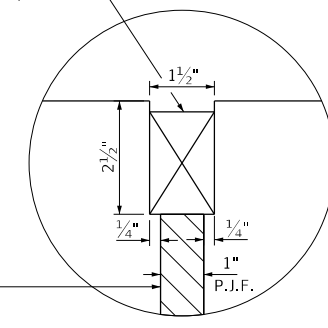


SECTION A-A
@ RT. Z's *EXISTING 3/4" Ø THREADED RODS

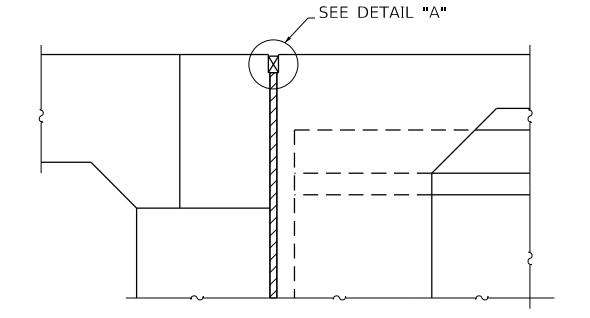


CURB SECTION

REMOVE EXISTING LOW COMPRESSION PREFORMED ELASTOMERIC JOINT SEAL (2")



DETAIL "A"



SECTION B-B

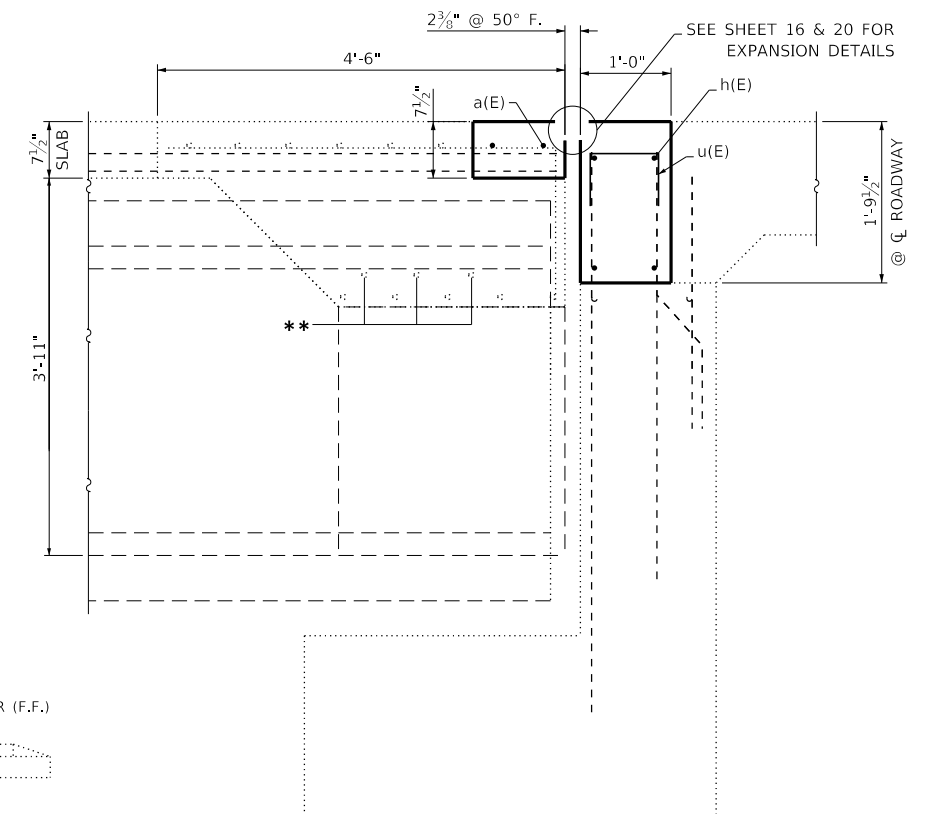
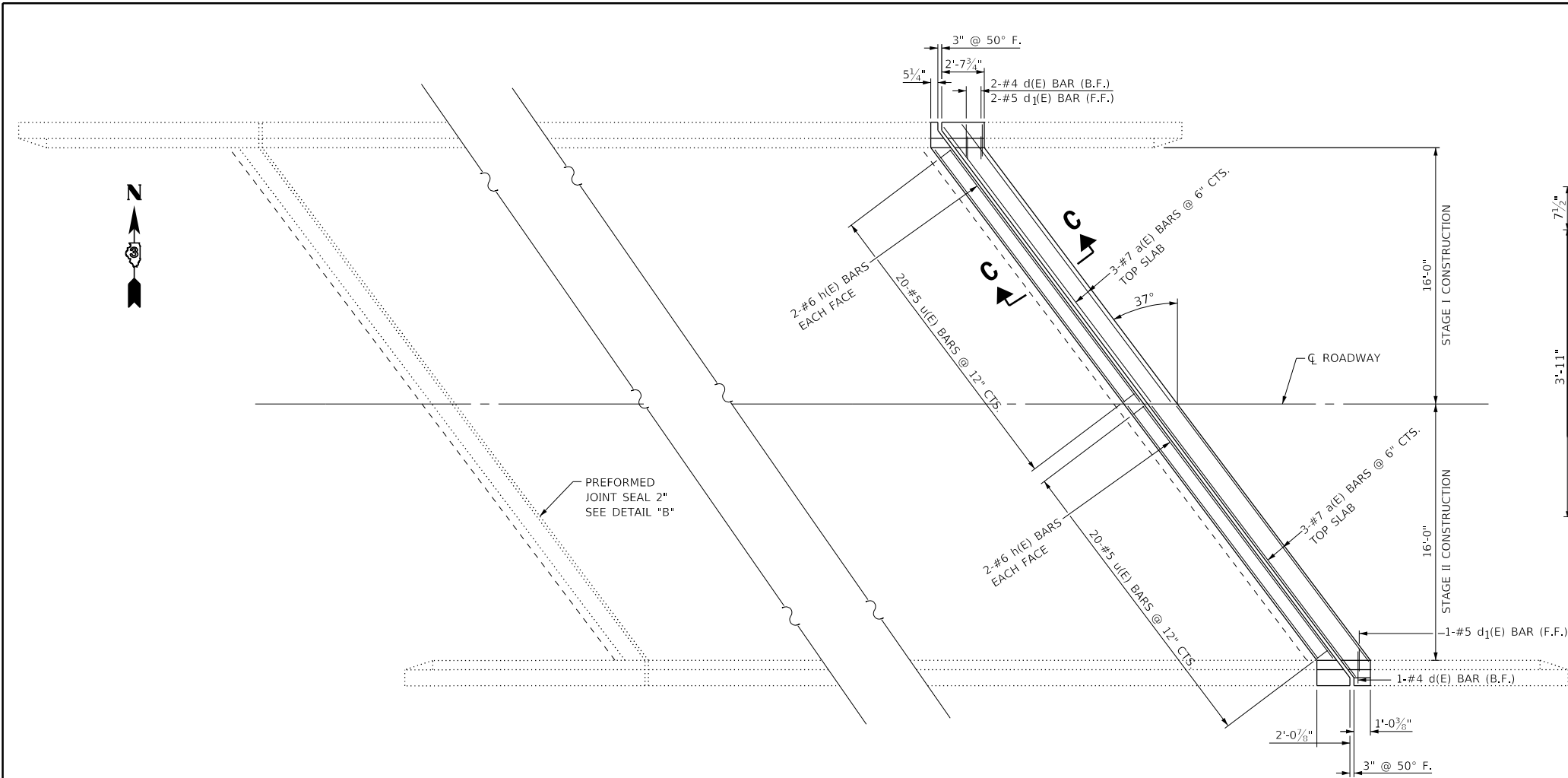
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PLOT DATE = 2/26/2020	DATE - 8/28/2019	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL DETAILS		
STRUCTURE NO. 053-0158		
SCALE: _____	SHEET 2 OF 6 SHEETS	STA. _____ TO STA. _____

F.A.P. RTE. 649	SECTION (16BR)BRR	COUNTY LIVINGSTON	TOTAL SHEETS 20	SHEET NO. 13
CONTRACT NO. 66K79			ILLINOIS FED. AID PROJECT	

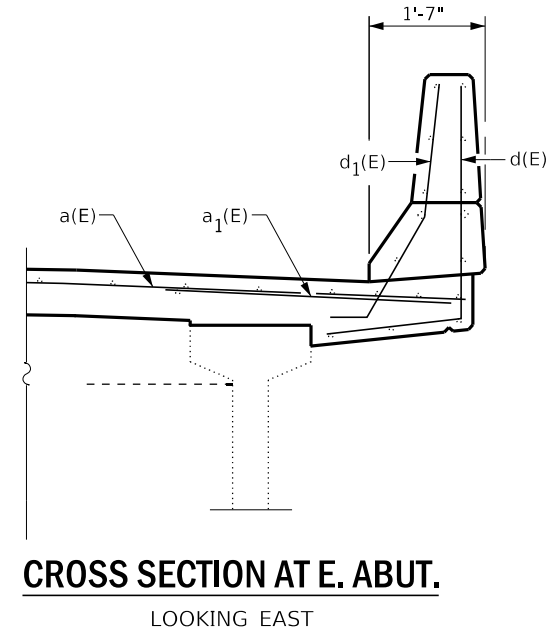


SECTION C-C
@ RT. Δ's ** EXISTING 3/4" Ø THREADED RODS

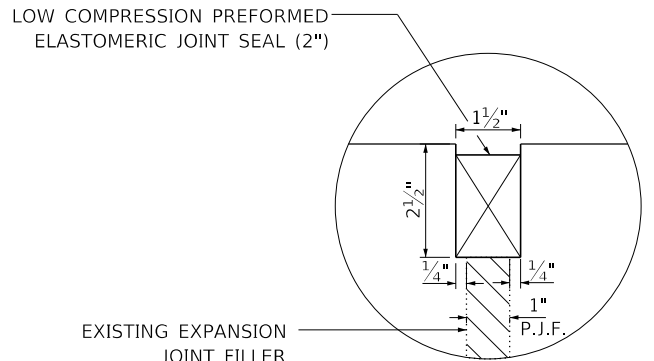
PLAN
STRUCTURE NO. 053-0158

BILL OF MATERIAL
FOR STRUCTURE NO. 053-0158

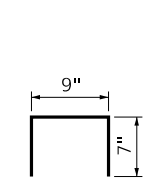
BAR	NO.	SIZE	LENGTH	SHAPE
a(E)	4	#7	21'-8"	—
a1(E)	4	#6	4'-0"	—
d(E)	2	#4	5'-2"	L
d1(E)	2	#5	3'-11"	—
h(E)	8	#6	19'-9"	—
u(E)	40	#5	1'-11"	□
CONCRETE REMOVAL			CU. YD.	4.7
CONCRETE SUPERSTRUCTURE			CU. YD.	4.7
REINFORCEMENT BARS EPOXY COATED			POUND	534
PREFORMED JOINT STRIP SEAL			FOOT	43
REMOVAL AND REPLACEMENT OF PREFORMED ELASTOMERIC JOINT SEALS FOR PAVEMENT			FOOT	43
PROTECTIVE COAT			SQ. YD.	62



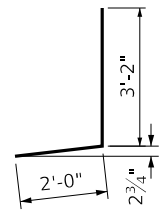
CROSS SECTION AT E. ABUT.
LOOKING EAST



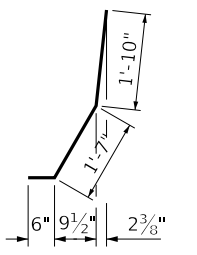
DETAIL "A"



u(E) BAR



d(E) BAR



d1(E) BAR

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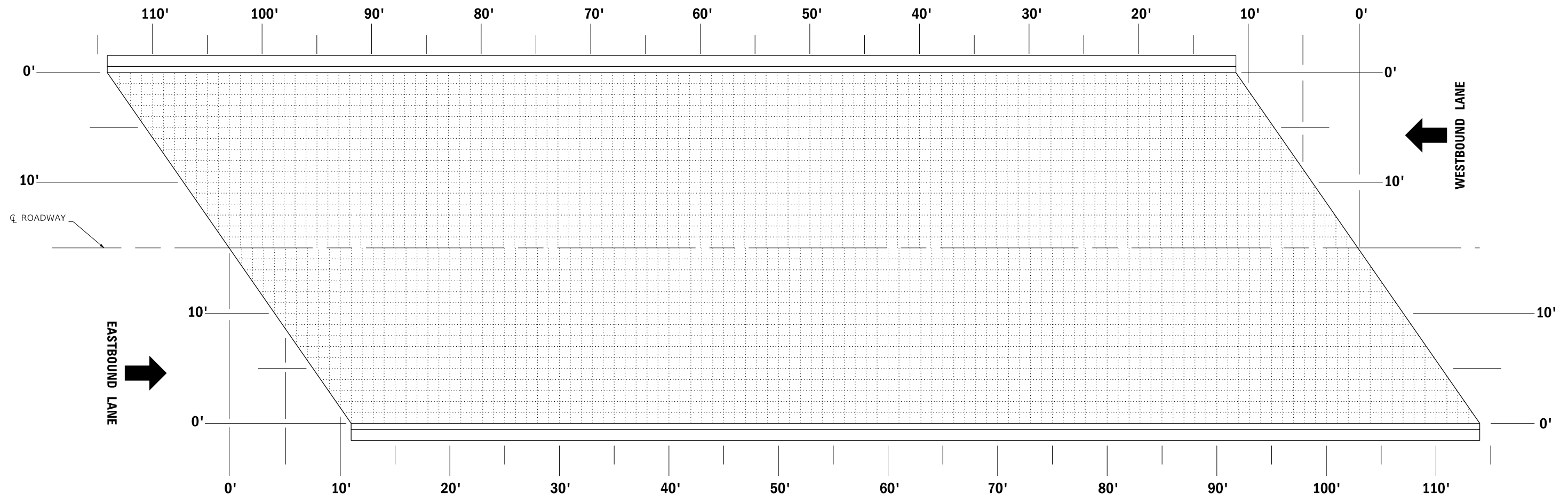
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PLOT DATE = 2/26/2020	DATE - 8/28/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHOULDER REPAIR DETAILS
STRUCTURE NO. 053-0158

SCALE: _____ SHEET 3 OF 6 SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(16BR)BRR	LIVINGSTON	20	14
			CONTRACT NO. 66K79	
ILLINOIS FED. AID PROJECT				



E. END OF DECK

W. END OF DECK

**"AS-BUILT" DECK SLAB REPAIR
FOR STRUCTURE NO. 053-0158**

NOTE

THE QUANTITY FOR DECK SLAB REPAIR (62 SQ YDS) IS ESTIMATED. THE ENGINEER SHALL SOUND THE ENTIRE DECK AREA PRIOR TO BEGINNING DECK SLAB REPAIR OPERATIONS AND RECORD ACTUAL LOCATIONS AND QUANTITIES ON THIS SHEET.

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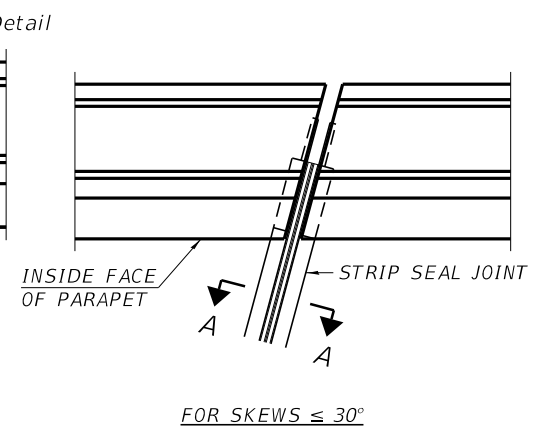
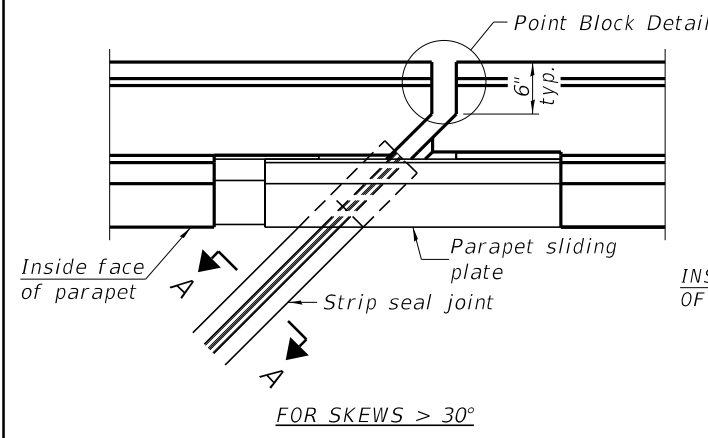
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PLOT DATE = 2/26/2020	DATE - 8/28/2019	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

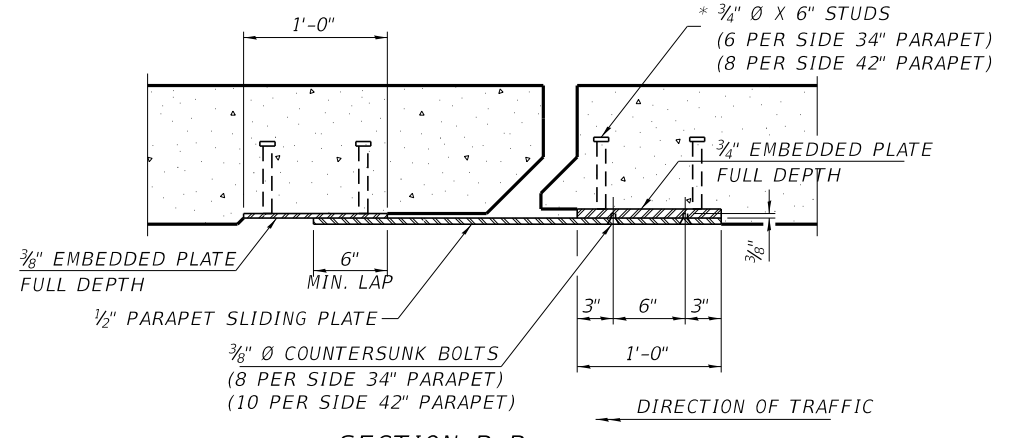
**"AS-BUILT" DECK SLAB REPAIR
STRUCTURE NO. 053-0158**

SCALE: _____ SHEET 4 OF 6 SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(16BR)BRR	LIVINGSTON	20	15
CONTRACT NO. 66K79				
ILLINOIS FED. AID PROJECT				



PLAN AT PARAPET



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.

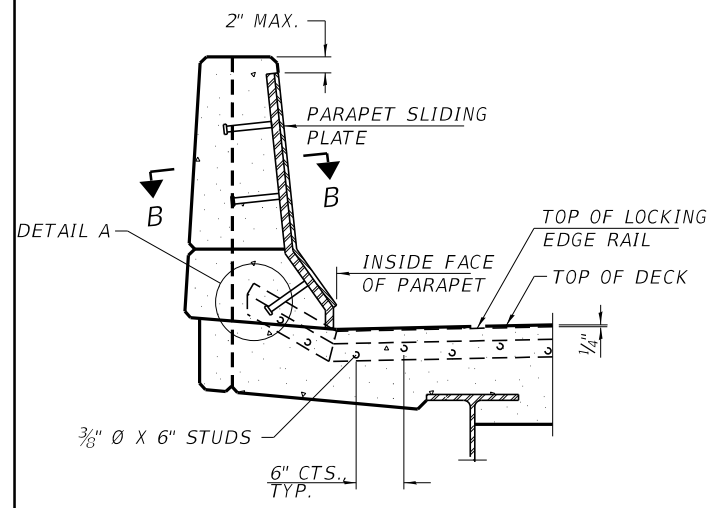
ALL STEEL COMPONENTS SHALL BE GALVANIZED AFTER FABRICATION ACCORDING TO ARTICLE 520.03 OF THE STANDARD SPECIFICATIONS.

THE MAXIMUM SPACE BETWEEN LOCKING EDGE RAIL SEGMENTS SHALL BE 1/16" 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.

COST OF PARAPET SLIDING PLATES, EMBEDDED PLATES, AND ANCHORAGE STUDS INCLUDED WITH PREFORMED JOINT STRIP SEAL.

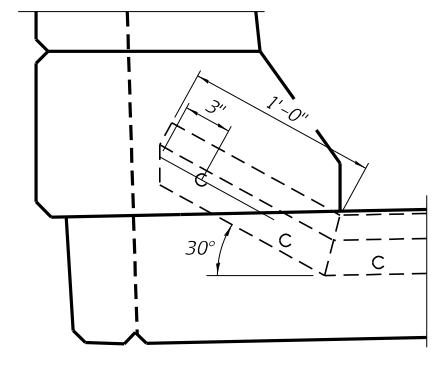
34" F-SHAPE BARRIER SHOWN, 42" F-SHAPE SIMILAR AS NOTED.

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.

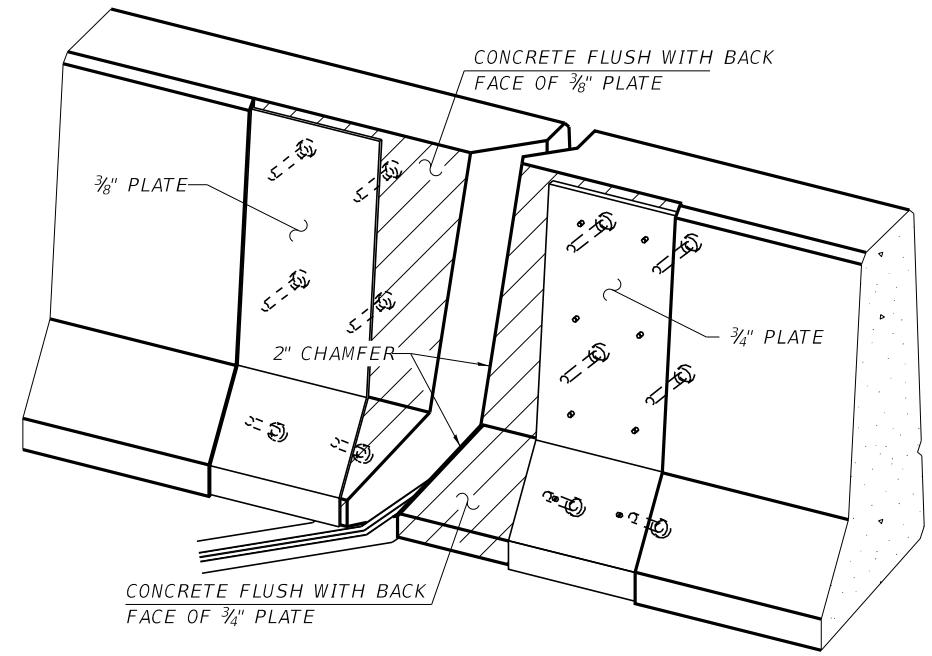


ELEVATION AT PARAPET

(SKEWS > 30° SHOWN. SKEWS ≤ 30° SIMILAR EXCEPT AS SHOWN IN PLAN VIEW.)



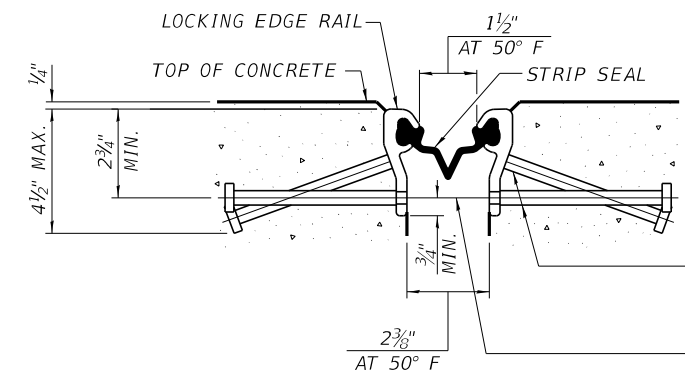
DETAIL A



TRIMETRIC VIEW (SHOWING EMBEDDED PLATES ONLY)

BILL OF MATERIAL
STRUCTURE NO. 053-0158

ITEM	UNIT	TOTAL
PREFORMED JOINT STRIP SEAL	FOOT	43



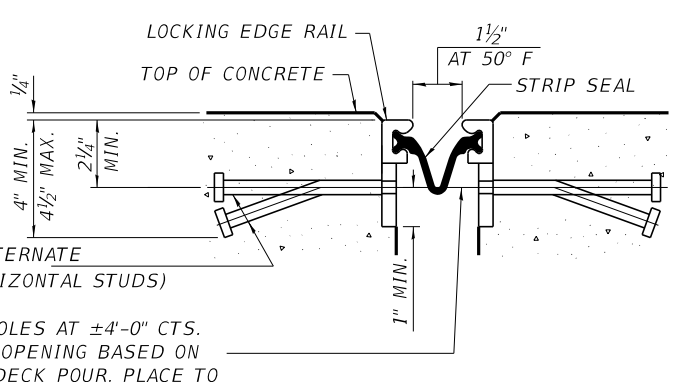
SHOWING ROLLED RAIL JOINT

* 5/8" Ø X 6" STUDS @ 6" CTS. (ALTERNATE ANGLED/BENT STUDS WITH HORIZONTAL STUDS)

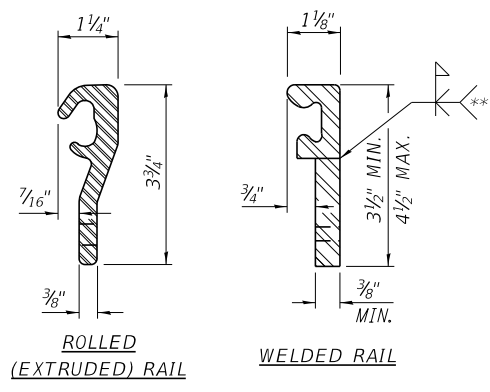
3/8" Ø THREADED RODS IN 7/16" Ø HOLES AT ±4'-0" CTS. FOR HOLDING THE PROPER JOINT OPENING BASED ON THE TEMPERATURE DURING THE DECK POUR. PLACE TO MISS STUDS. ALL RODS SHALL BE BURNED, OR SAWED OFF FLUSH WITH THE PLATES AFTER CONCRETE IS SET.

SECTION A-A

* GRANULAR OR SOLID FLUX FILLED HEADED STUDS CONFORMING TO ARTICLE 1006.32 OF THE STD. SPECS., AUTOMATICALLY END WELDED.



SHOWING WELDED RAIL JOINT



LOCKING EDGE RAILS

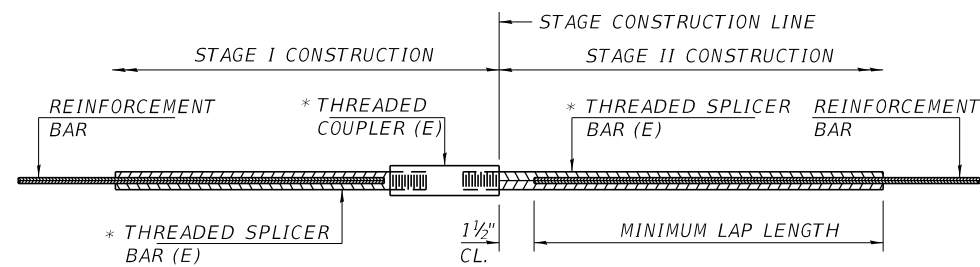
** BACK GOUGE NOT REQUIRED IF COMPLETE JOINT PENETRATION IS VERIFIED BY MOCK-UP.

LOCKING EDGE RAIL SPLICE

THE INSIDE OF THE LOCKING EDGE RAIL GROOVE SHALL BE FREE OF WELD RESIDUE. ROLLED RAIL SHOWN, WELDED RAIL SIMILAR.

EJ-SS

8-11-17



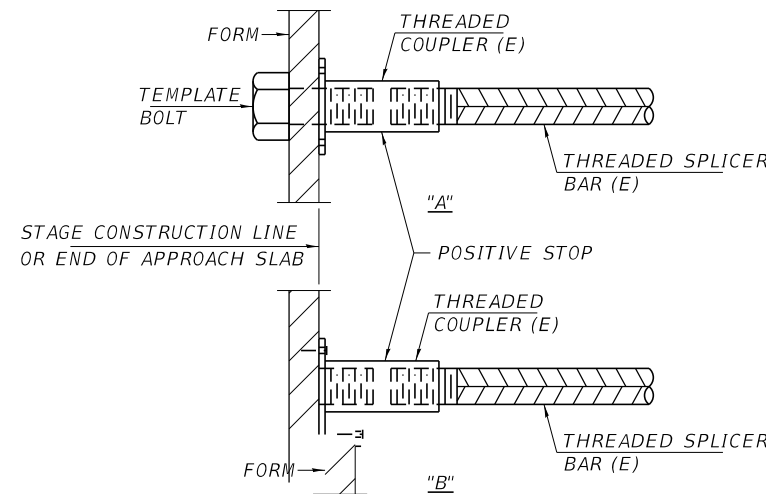
STANDARD BAR SPLICER ASSEMBLY

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.

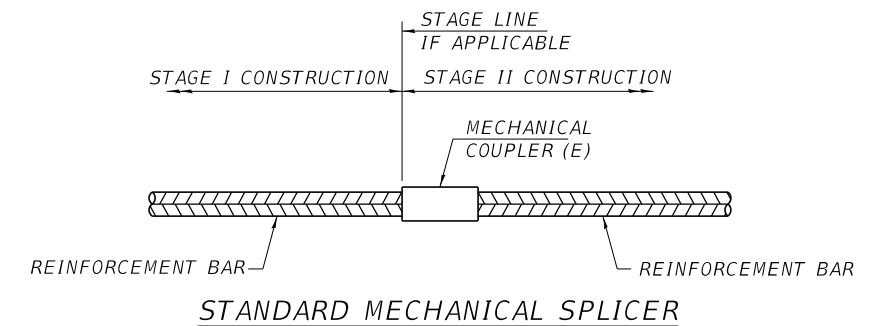
**BILL OF MATERIAL
STRUCTURE NO. 053-0158**

LOCATION	BAR SIZE	NO. ASSEMBLIES REQUIRED	MINIMUM LAP LENGTH
DECK-TOP SLAB	#7	2	4'-2"
HATCH BLOCK	#6	4	4'-10"



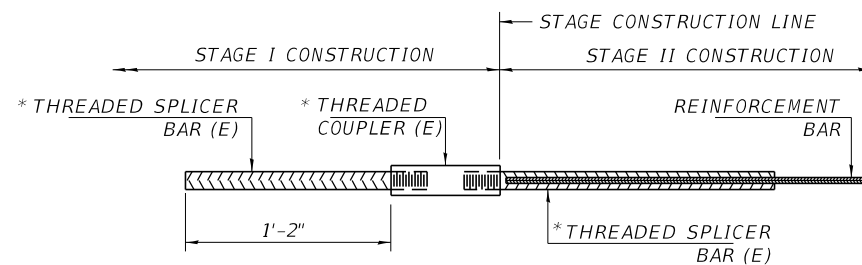
INSTALLATION AND SETTING METHODS

"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.



**BILL OF MATERIAL
STRUCTURE NO. 053-0158**

LOCATION	BAR SIZE	NO. ASSEMBLIES REQUIRED
DECK-b(E) BARS	#5	48
PARAPETS-b1(E) BARS	#4	8
PARAPETS-b2(E) BARS	#4	8
PARAPETS-e(E) BARS	#4	4
PARAPETS-e1(E) BARS	#4	4



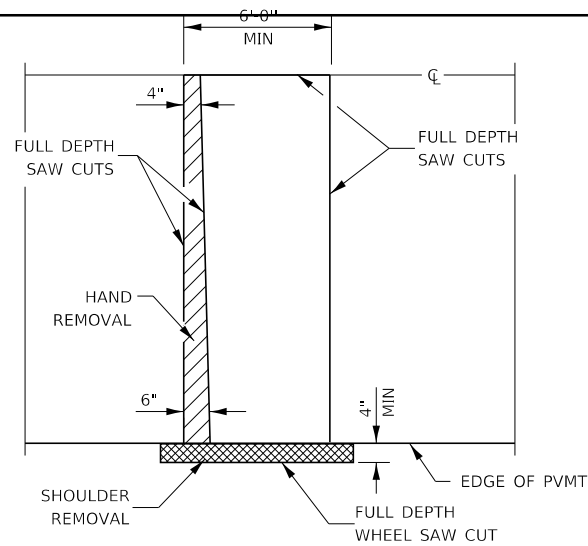
BAR SPLICER ASSEMBLY (SPECIAL)

**BILL OF MATERIAL
STRUCTURE NO. 053-0158**

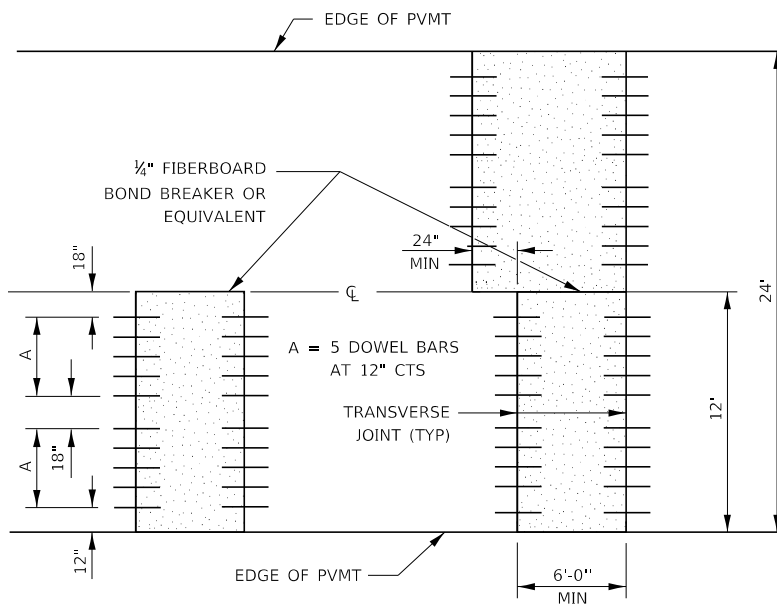
LOCATION	BAR SIZE	NO. ASSEMBLIES REQUIRED
DECK - STAGE CONST. LINE BOTTOM OF DIAPHRAGM	#6	5

NOTES

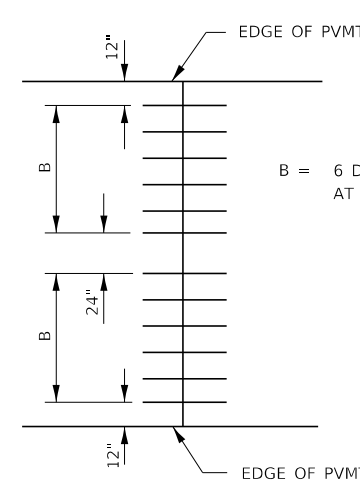
SPLICER BARS SHALL BE DEFORMED WITH THREADED ENDS AND HAVE A MINIMUM 60 KSI YIELD STRENGTH.
 ALL REINFORCEMENT SHALL BE LAPPED AND TIED TO THE SPLICER BARS.
 BAR SPLICER ASSEMBLIES SHALL BE EPOXY COATED ACCORDING TO THE REQUIREMENTS FOR REINFORCEMENT BARS. SEE SECTION 508 OF THE STANDARD SPECIFICATIONS.
 SEE APPROVED LIST OF BAR SPLICER ASSEMBLIES AND MECHANICAL SPLICERS FOR ALTERNATIVES.



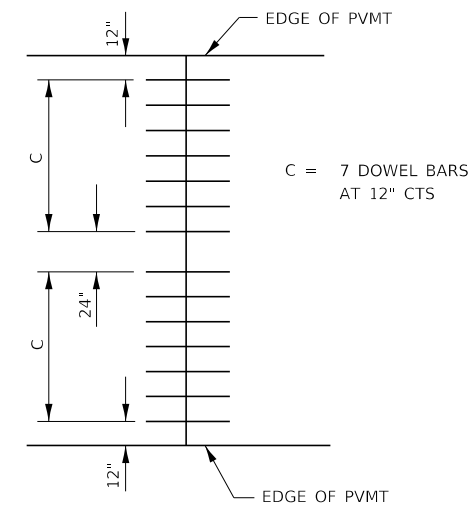
PAVEMENT SAWING DETAIL
(HMA SHOULDER)



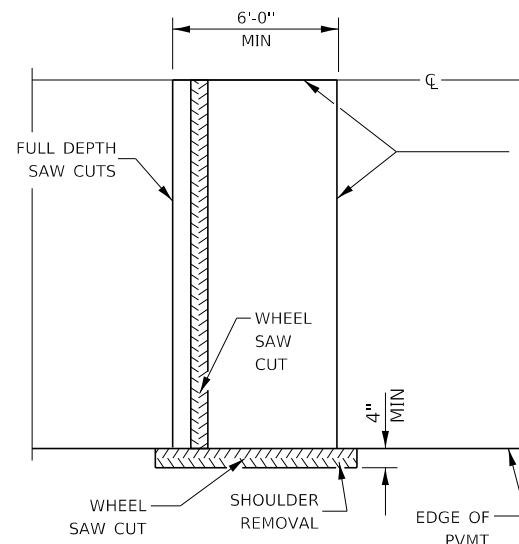
12' WIDE LANES



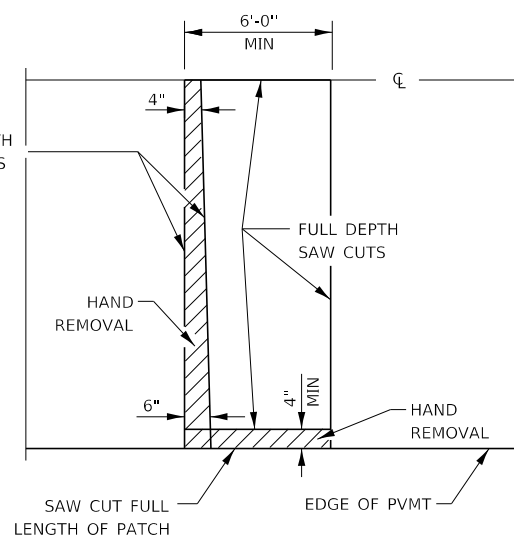
14' WIDE RAMP



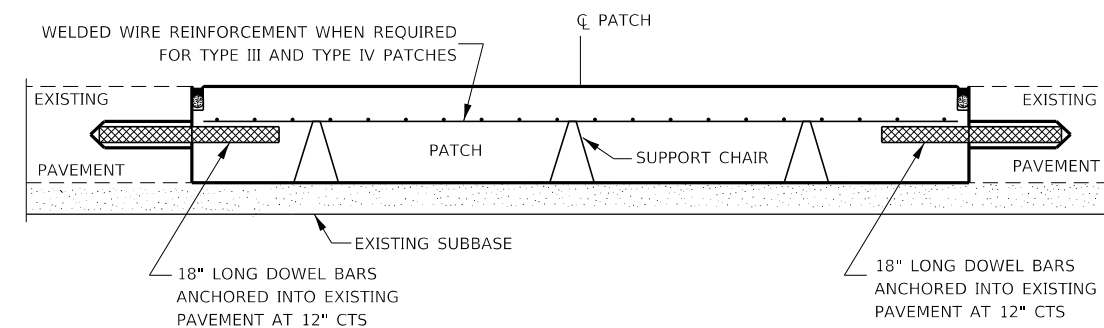
16' WIDE RAMP



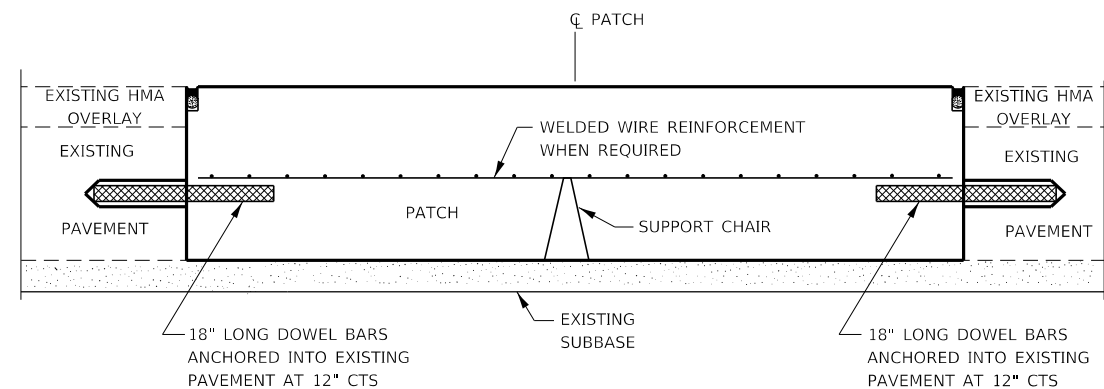
ALTERNATE SAWING DETAIL
(HMA SHOULDER)



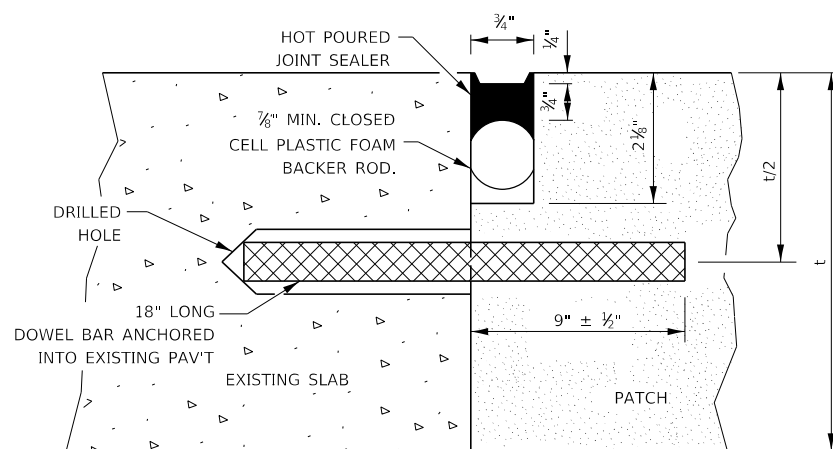
PAVEMENT SAWING DETAIL
(PCC SHOULDER)



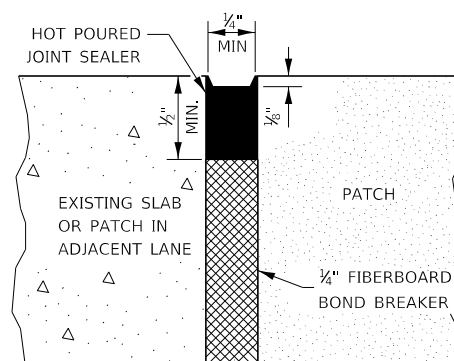
PATCHING WITHOUT HMA OVERLAY



PATCHING WITH HMA OVERLAY



TRANSVERSE JOINT

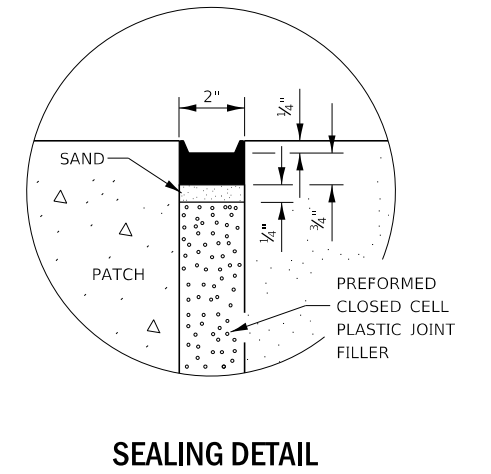
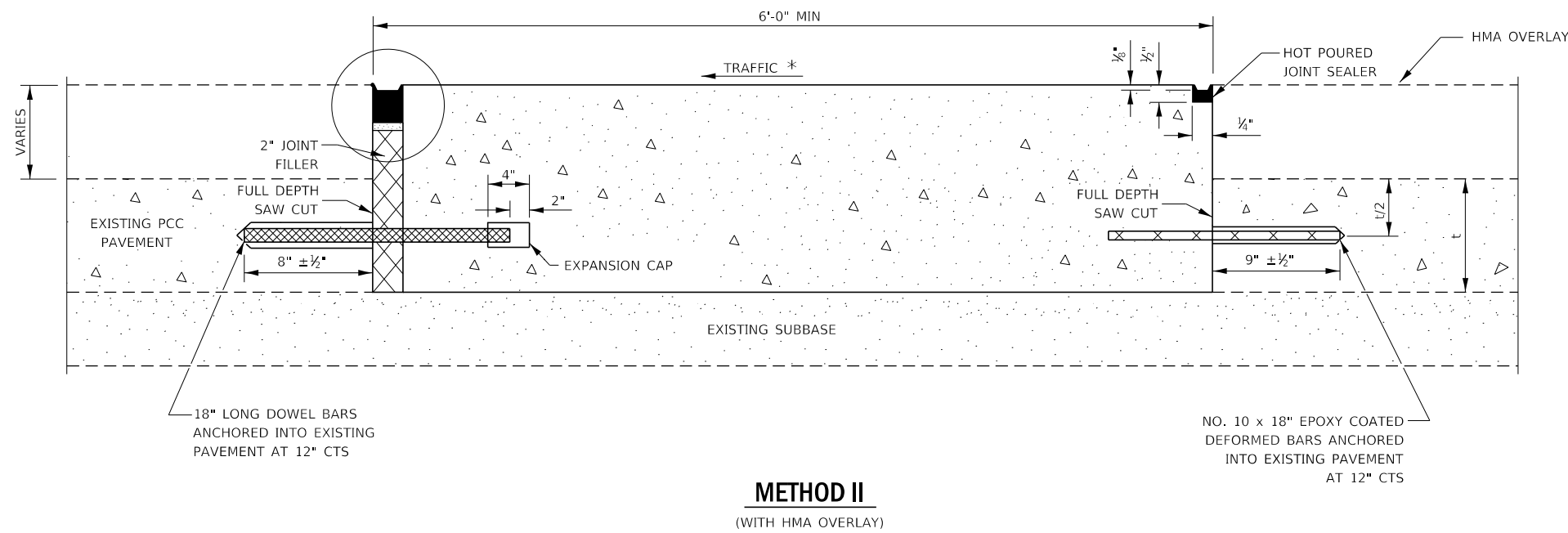
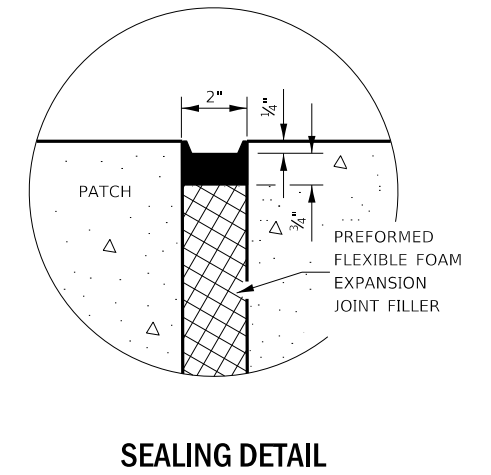
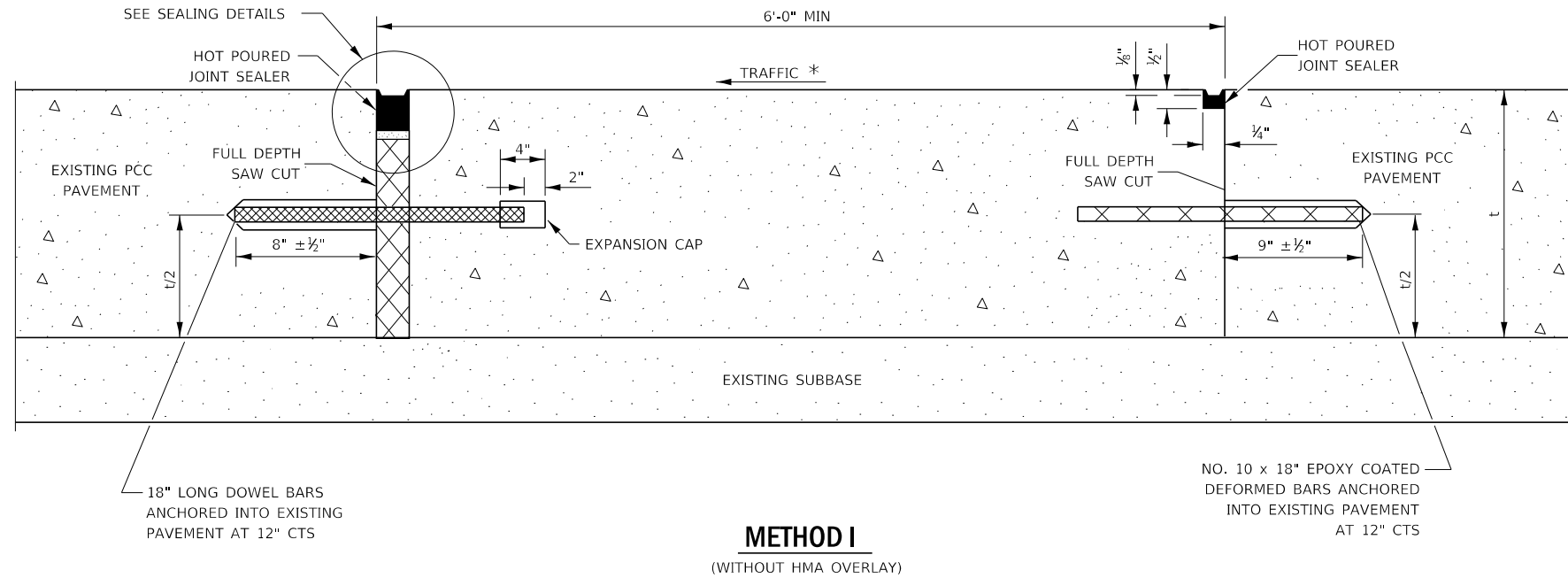


CENTERLINE JOINT

DOWEL BAR TABLE		
PAVEMENT THICKNESS	DOWEL BAR DIAMETER	HOLE DIAMETER
8" OR GREATER	1 1/2"	1 3/8"
7" THRU 7.99"	1 1/4"	1 3/8"
LESS THAN 7"	1"	1 1/8"

GENERAL NOTES

THE TRANSVERSE JOINTS FOR CLASS B PATCHES SHALL ALIGN WITH JOINTS OR CRACKS IN THE ADJACENT LANE WHENEVER POSSIBLE.
SEE STANDARD 420701 FOR DETAILS OF PAVEMENT WELDED WIRE REINFORCEMENT.



NOTE

* WHEN RE-ESTABLISHING A TRANSVERSE EXPANSION JOINT ON A TWO-WAY ROAD, REVERSE THE ORIENTATION OF THE DOWEL BARS WITH RESPECT TO TRAFFIC FOR ONE OF THE PATCHES SUCH THAT THE JOINT WILL BE CONTINUOUS ACROSS BOTH LANES.

MODEL: Default
FILE: Model: PatchingRoom.dwg
PROJECT: 366K79-cover.dgn
PROJECT: 366K79-cover.dgn

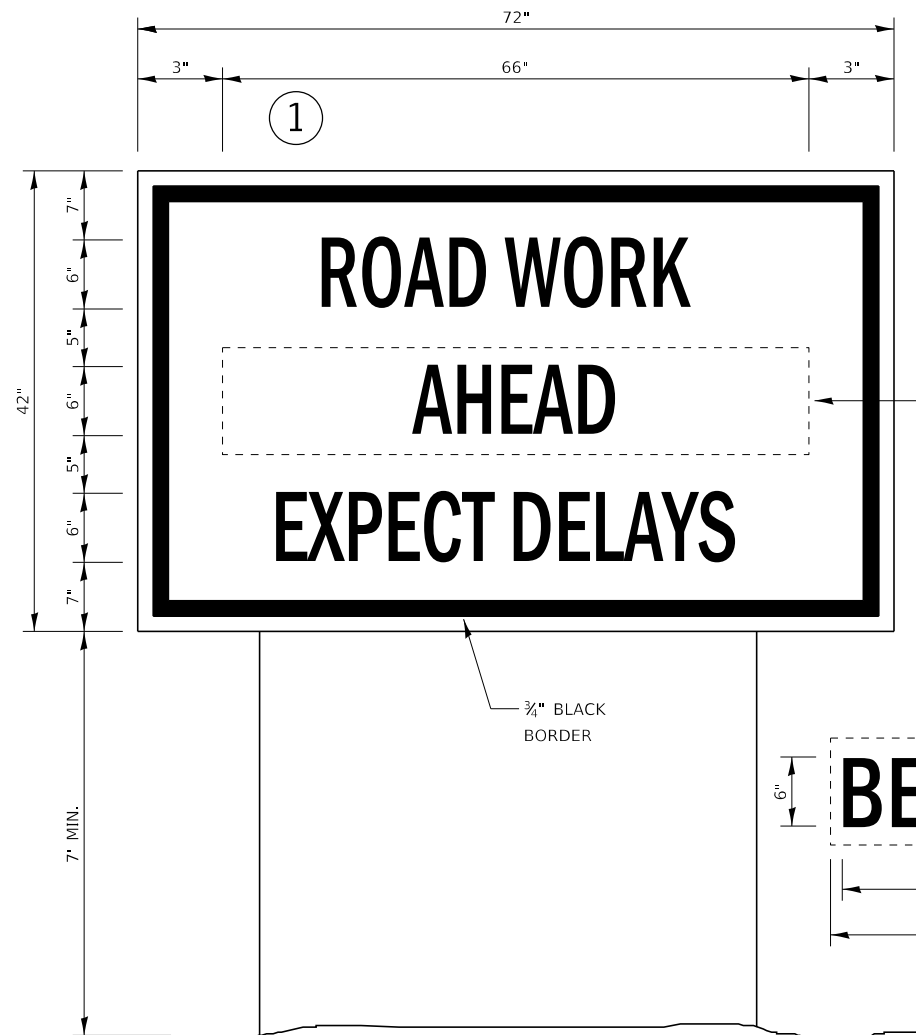
USER NAME = woodshankr1	DESIGNED - _____	REVISED - _____
PLOT SCALE = 100.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 2/26/2020	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLASS B PATCHING DETAILS

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

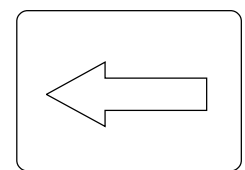
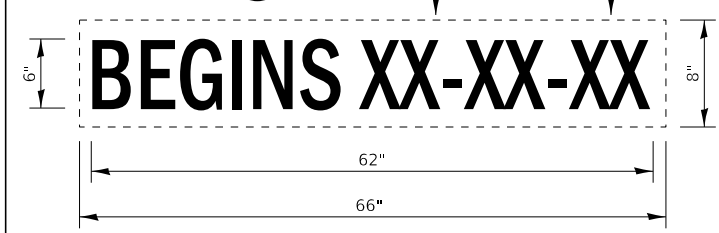
F.A.P. RTE. 649	SECTION (16BR)BRR	COUNTY LIVINGSTON	TOTAL SHEETS 20	SHEET NO. 19
CONTRACT NO. 66K79				
ILLINOIS FED. AID PROJECT				



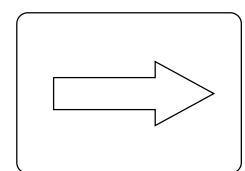
TEMPORARY INFORMATION SIGNING

- NOTES:**
- USE 6" D BLACK LETTERING ON FLUORESCENT 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.

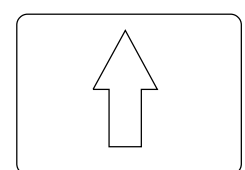
USE APPROPRIATE MONTH AND DATE FOR CONTRACT



M6-1 21"X15"
BLACK ON FLUORESCENT ORANGE

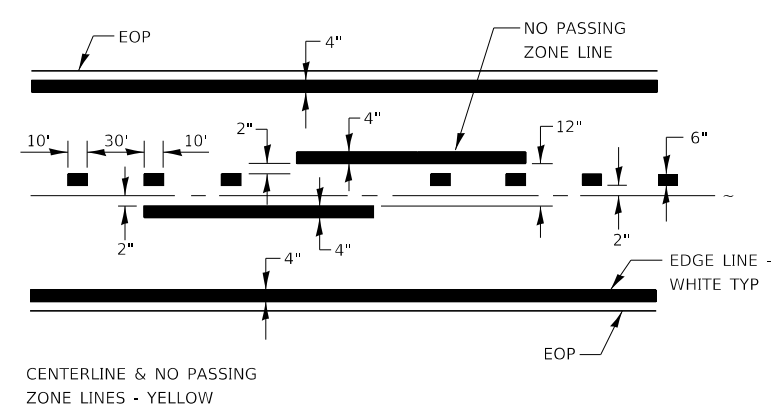


M6-1 21"X15"
BLACK ON FLUORESCENT ORANGE

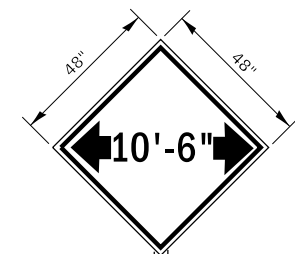


M6-3 21"X15"
BLACK ON FLUORESCENT ORANGE

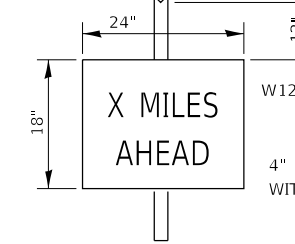
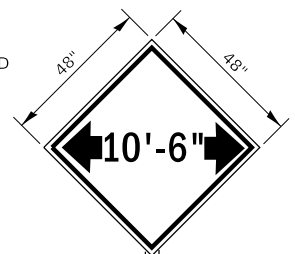
DIRECTIONAL ARROWS



PAVEMENT MARKING



12" D BLACK LETTERING WITH ORANGE BACKGROUND



W12-I 101 (O)
4" D BLACK LETTERING WITH ORANGE BACKGROUND

TO BE POST MOUNTED AS SHOWN ELSEWHERE IN THE PLANS.

COST OF SUPPLYING, INSTALLING, MAINTAINING AND REMOVING WIDTH RESTRICTION SIGNS SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION PAY ITEMS.

WIDTH RESTRICTION SIGNING DETAILS

FILE NAME =	USER NAME = woodshank1	DESIGNED - EM	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MISCELLANEOUS DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\planroom\dot\illinois\gov\PWDOT\Documents\IDOT\Office\District 3\Projects\D366K79\CADData\D366K79-cover.dwg	DRAWN - EM	REVISED - _____	649					(16BR)BRR	LIVINGSTON	20	20	
Default	PLOT SCALE = 100.0000 "/in.	CHECKED - RW	REVISED - _____		SCALE: _____ SHEET 1 OF 1 SHEETS STA. _____ TO STA. _____			ILLINOIS FED. AID PROJECT		CONTRACT NO. 66K79		
	PLOT DATE = 2/26/2020	DATE - 7/23/2019	REVISED - _____									