01-17-2020 LETTING ITEM 036

STATE OF ILLINOIS

**DEPARTMENT OF TRANSPORTATION** 

SECTION BUREAU 15 1 BLINOIS CONTRACT NO. 65K36

0-93-102-19

## INDEX OF SHEETS

COVER SHEET GENERAL NOTES SUMMARY OF QUANTITIES

TRAFFIC CONTROL AND PROTECTION. STANDARD 701400
TRAFFIC CONTROL AND PROTECTION. STANDARD 701402 - STAGE I
TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 - STAGE II
EXISTING STRUCTURE DETAILS: FOR LOCATION NO. 1

12 - 14 EXISTING STRUCTURE DETAILS. LOCATION NO. 2 STRUCTURE NO. 006 0126

MISCELLANEOUS DETAILS

# **PROPOSED HIGHWAY PLANS**

F.A.I. ROUTE 180 (I-180) SECTION (06-1HB-1, 06-1HB-3)BP-2 PROJECT NHPP-PQVF(554) **BRIDGE PAINTING BUREAU COUNTY** 

C-93-127-19

#### **STANDARDS**

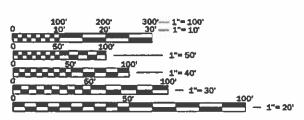
000001-07 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS DECIMAL OF AN INCH AND OF A FOOT 001006 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE 701106-02 OFF-ROAD OPERATIONS: MULTILANE, MORE THAN 15' (4.5 m) AWAY 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS & 45 MPH 701301-04 LANE CLOSURE, 2L. 2W, SHORT TIME OPERATIONS LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION. 701426-09 FOR SPEEDS ≥ 45 MPH 701428-01 TRAFFIC CONTROL. SETUP AND REMOVAL, FREEWAY EXPRESSWAY TRAFFIC CONTROL DEVICES 701901-DR 704001-08 TEMPORARY CONCRETE BARRIER GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS 782006-01

PROJECT LOCATION NO. 1

**STRUCTURE NO. 006-0125 CARRYING T.R. 241 (1650N RD.) OVER F.A.I. 180** 0.9 MI. SOUTH OF JCT, I-80

### PROJECT LOCATION NO. 2

**STRUCTURE NO. 006-0126 CARRYING T.R. 281 (1300N. AVE.) OVER F.A.I. 180** 1.4 MI, NORTH OF IL 26



**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.

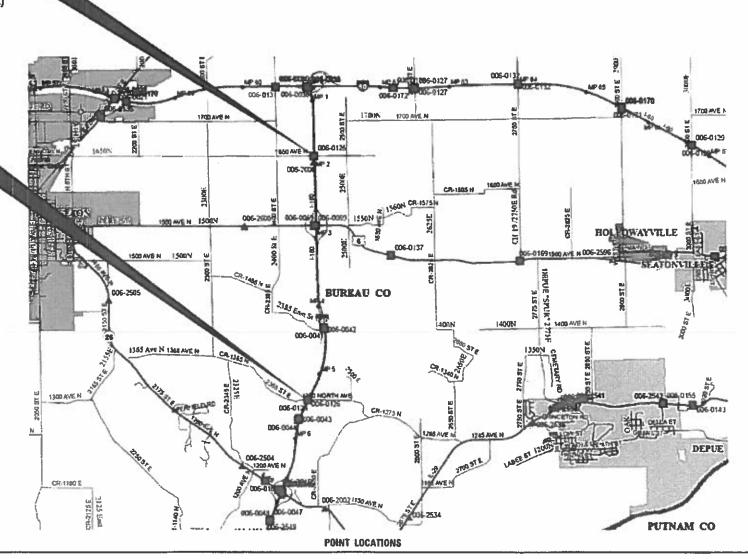
701006-05

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

OR 811

0

PROJECT ENGINEER: JOE KANNEL P.E. **UNIT CHIEF: RON WOODSHANK** DISTRICT 3 NO. (815) 434-6131 CONTRACT NO. 66K36





## **FUNCTIONAL CLASSIFICATION**

RURAL **INTERSTATE** 

F.A.I. ROUTE 180 (I-180) 2017 ADT = 2650

P.V. 61.5% S.U. 6.4% M.U. 32.1%

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

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#### **GENERAL NOTES**

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

STRUCTURE NO. 006-0125 SHALL BE DESIGNATED AS "LOCATION 1".

STRUCTURE NO. 006-0126 SHALL BE DESIGNATED AS "LOCATION 2".

THE SSPC-QP1 "PAINTING CONTRACTOR CERTIFICATION" WILL BE REQUIRED FOR

CLEANING AND PAINTING OF EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISION FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES" AND AS SPECIFIED BELOW.

- a) ALL EXISTING STRUCTURAL STEEL, (INCLUDING BEAMS/GIRDERS, DIAPHRAGMS. CROSS/LATERAL FRAMING, STEEL COMPONENTS OF BEARINGS, DRAINS. ANGLE BRACKETS, STEEL HANDRAILS (WHEN PRESENT) SHALL BE CLEANED PER THE REQUIREMENTS OF "NEAR WHITE BLAST CLEANING - SSPC-SP-10".
- b) ALL EXISTING STRUCTURAL STEEL, (INCLUDING BEAMS/GIRDERS, DIAPHRAGMS, CROSS/LATERAL FRAMING, STEEL COMPONENTS OF BEARINGS, DRAINS, ANGLE BRACKETS, STEEL HANDRAILS (WHEN PRESENT) SHALL BE CLEANED PER THE REQUIREMENTS OF "PAINT SYSTEM 1-OZ/E/U".
  - 1) THE FINAL FINISH COAT FOR ALL INTERIOR STRUCTURAL STEEL SHALL BE "GRAY, MUNSELL NO. 5B 7/1".
  - 2) FINISH COAT FOR EXTERIOR FACE, BOTTOM FLANGE AND BEARING ASSEMBLIES OF THE FASCIA BEAMS SHALL BE "GREEN, MUNSELL

THE CONTRACTOR SHALL BE REQUIRED TO SECURE WASTE CONTAINERS THAT REMAIN ON THE JOB SITE. THIS WILL ENTAIL THAT ALL WASTE CONTAINERS CAN NOT BE MOVED OR OPENED DURING NON-WORKING HOURS.

WORKING DAYS SHALL BE CHARGED UNTIL THE CONTRACTOR/SUBCONTRACTOR LISCENSED TO DISPOSE OF LEAD PAINT RESIDUES HAS REMOVED THE WASTE MATERIAL FROM THE JOB SITE ACCORDING TO ALL FEDERAL, STATE AND LOCAL LAWS AND ORDINANCES. IF THE LISCENSED CONTRACTOR OR SUBCONTRACTOR FAILS TO DISPOSE OF THE NON-LEAD PAINT RESIDUES ON OR BEFORE THE SPECIFIED COMPLETION DATE, LIQUIDATED DAMAGES SHALL BE CHARGED PER CALENDAR DAY ACCORDING TO ARTICLE 108.09 OF THE STANDARD SPECIFICATIONS UNTIL SUCH TIME THAT ALL PAINT RESIDUE MATERIALS HAVE BEEN PROPERLY REMOVED AND DISPOSED OF.

AT STRUCTURE NO. 006-0125 NB THE CONTRACTOR SHALL EXCERCISE CARE WHEN CLASTING AND PAINTING AROUND THE (GREEN) SIGN STRUCTUTRES THAT ARE ATTACHED TO STRUCTURES.

#### **COMMITMENTS**

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT THREE AS BUILT INFORMATION

RESIDENT ENGINEER / TECHNICIAN

DEPARTMENT OF TRANSPORTATION DISTRICT THREE SUPERVISING CONSTRUCTION FIELD ENGINEER

PREPARED BY:

DISTRICT STUDIES & PLANS ENGINEER 10-16-1

STATE OF ILLINOIS

START & END DATES OF CONSTRUCTION:

DATE:

INSPECTORS:

EXAMINED BY:

DISTRICT CONSTRUCTION ENGINE

DISTRICT MATERIALS ENGINEER

USER NAME = woodshankri	DESIGNED		RW	REVISED	360
	DRAWN	+	RW	REVISED	
PLOT SCALE = 100,0000 ' f in.	CHECKED		TG	REVISED	•
PLOT DATE = 10/9/2019	DATE		7/23/2019	REVISED	

;	STATE	OF	ILLINO	S
DEPARTM	<b>MENT</b>	OF 1	<b>TRANSP</b>	ORTATION

							F.A.I. RTE.	SECTION	COUNTY TOTAL SHE				
		GENI	ER.	AL NO	LEZ		180	(06-1HB-1, 06-1HB-3)BP-2	BUREAU	15	2		
									CONTRAC	T NO. 6	6K36		
SHEET	1	ÖF 1		SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT						

CONSTR. COD	E
BRIDGE PAINTI	NG
90% FED 10% S	TATE

				BR I DGE
CODE			TOTAL	0047
NO.	ITEM	UNIT	QUANTITY	RURAL
67100100	MOBILIZATION	L SUM	1	1
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28
70400100	TEMPORARY CONCRETE BARRIER	FOOT	325	325
70400100	TEMPORALI CONCRETE BARRIER	1001	323	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2275	2275
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	1	1
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	7	7
78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	1540	1540
78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	980	980
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	504	504
X0970001	WORK ZONE SPEED LIMIT SIGN ASSEMBLY	CAL DA	40	40
X2700001	TEMPORARY RUMBLE STRIPS (SPECIAL)	EACH	16	16
X5067501	BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 1	L SUM	1	1
X5067502	BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 2	L SUM	1	1

USER NAME = woodshankrl	DESIGNED	-	RW	REVISED -
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PLOT DATE = 10/9/2019	DATE	-	7/23/2019	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

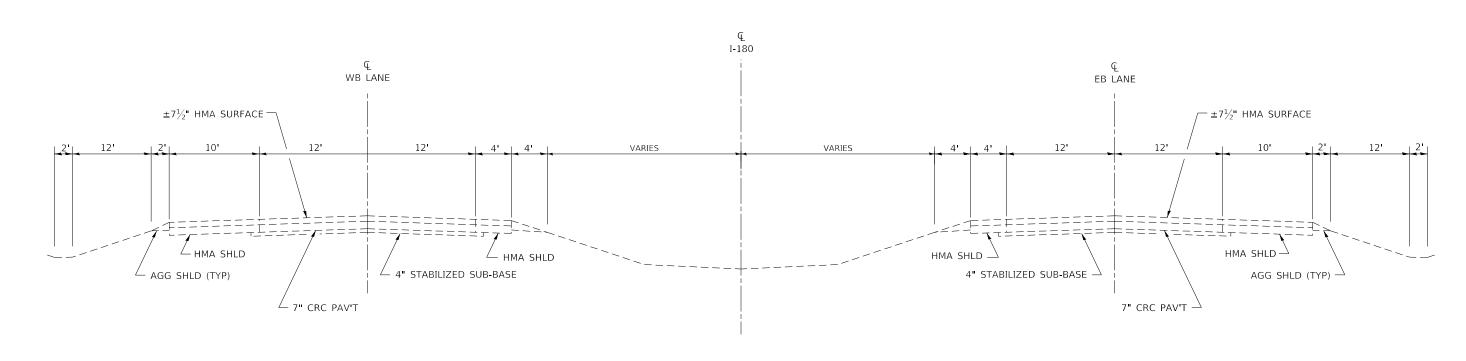
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									180	(06-1HB-1, 06-1	1HB-3)B	P-2	BUREAU	15	ſ
												CONTRAC	CT NO. 6	ē	
SCALE:		SHEET	1	OF	2	SHEETS	STA.	TO STA.		IL	LLINOIS	FED. A	ID PROJECT		Τ

				CONSTR. CODE
				BRIDGE PAINTING
				90% FED 10% STATE
				BR I DGE
CODE			TOTAL	0047
NO.	ITEM	UNIT	QUANT I TY	RURAL
Z0007114	CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES	L SUM	1	1
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1	1
Z0010502	CLEANING AND PAINTING STEEL BRIDGE NO. 2	L SUM	1	1

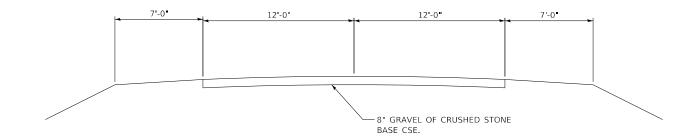
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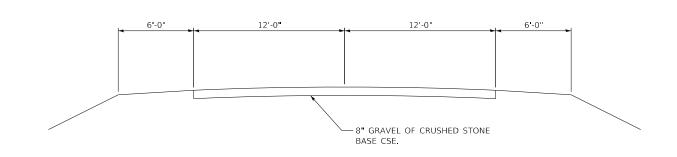
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



# TYPICAL SECTION I-180



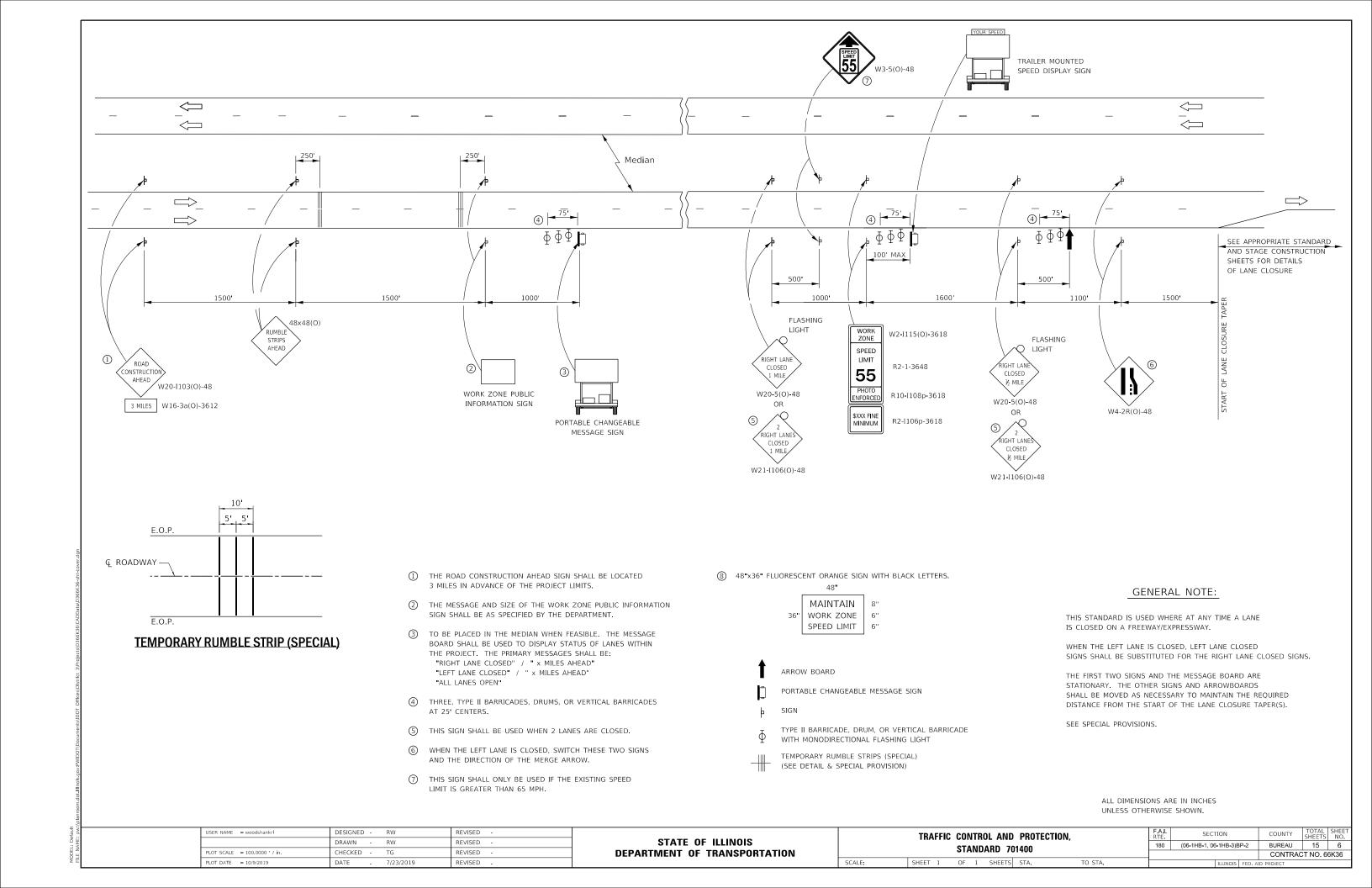


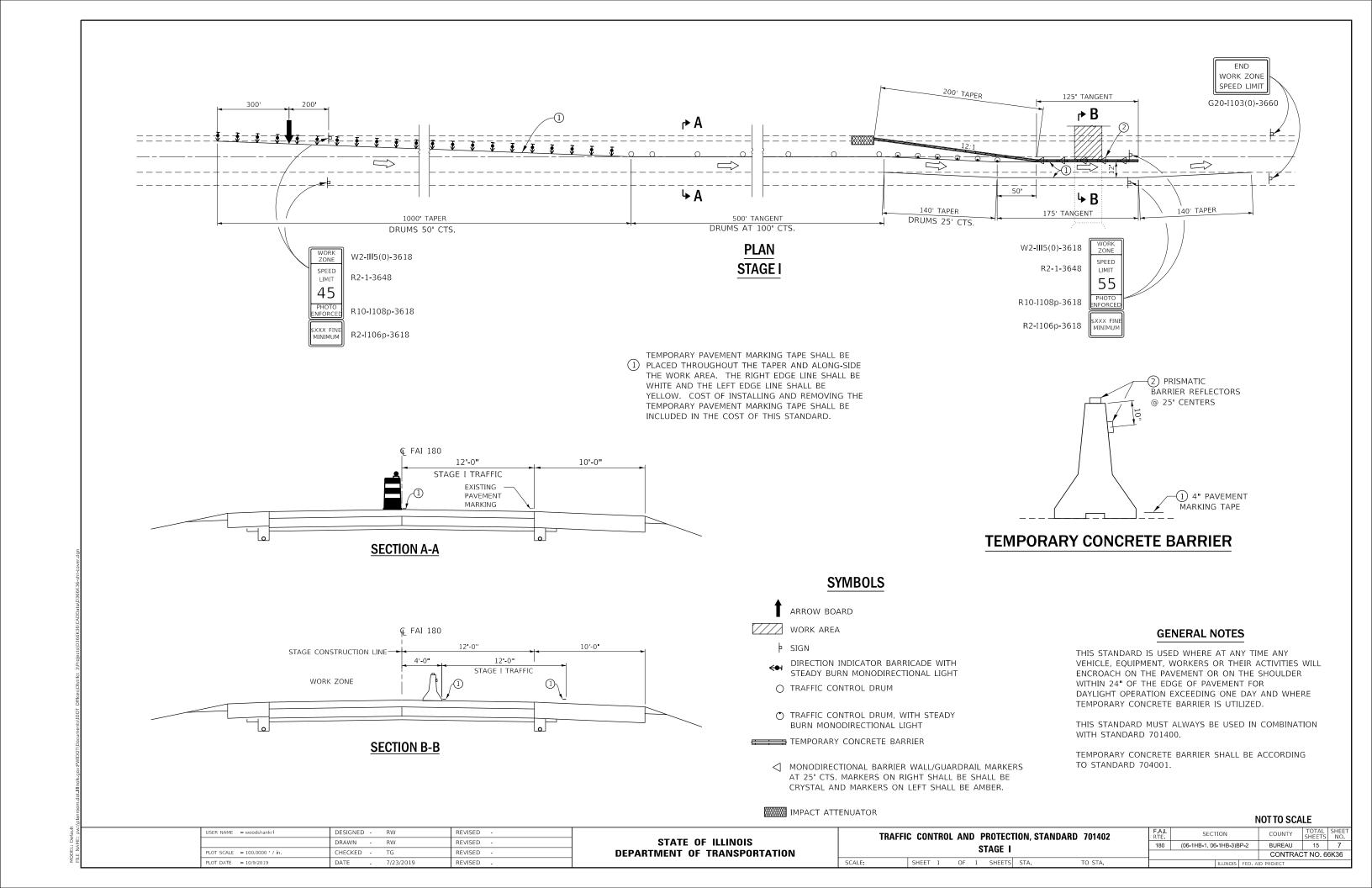
TYPICAL SECTION T.R. 241 (1650N AVE.) S.N. 006-0125 TYPICAL SECTION T.R. 281 (1300N AVE.) S.N. 006-0126

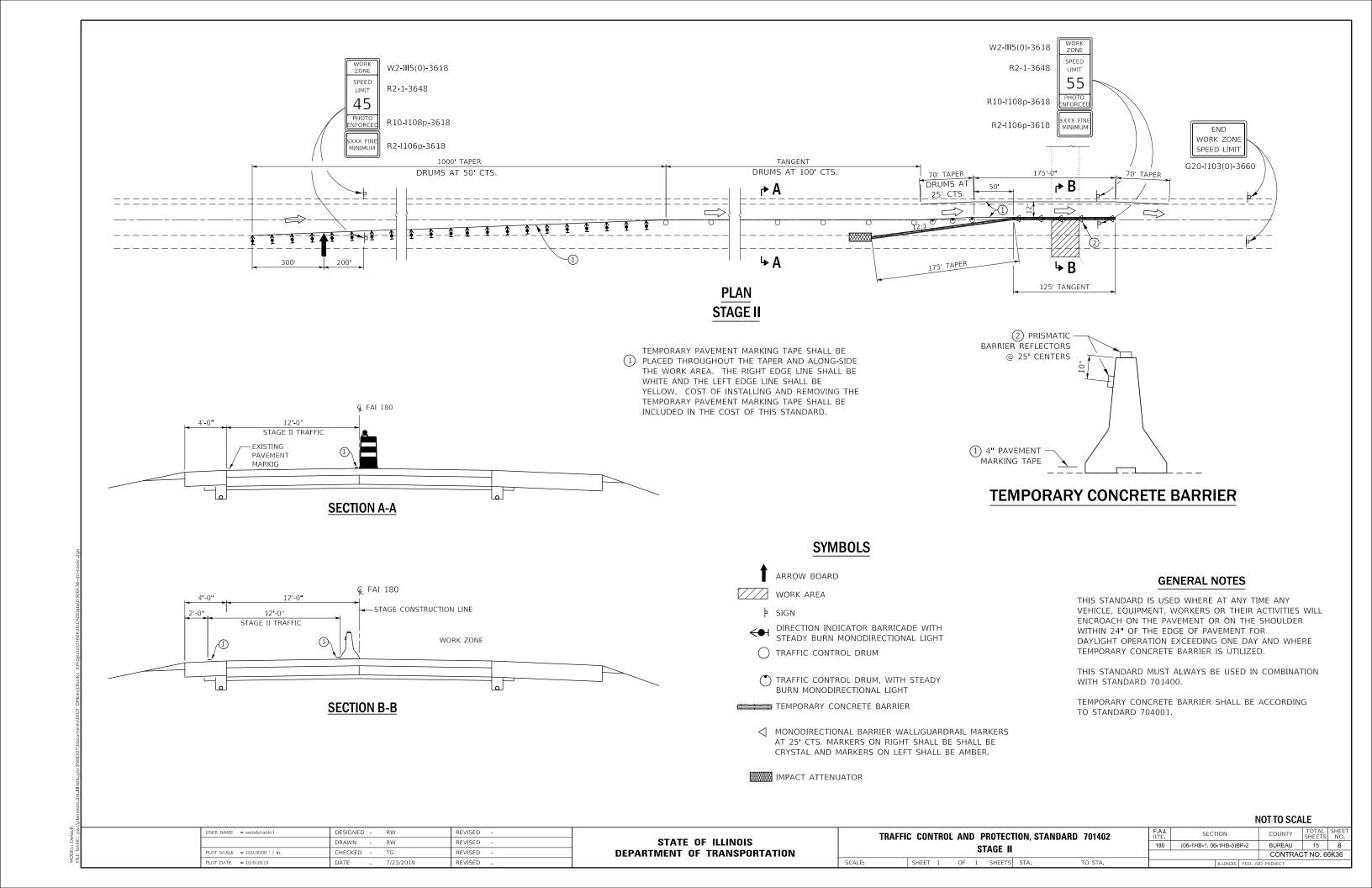
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	DRAWN -	RW	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	TG	REVISED -
PLOT DATE = 10/9/2019	DATE -	7/23/2019	REVISED -

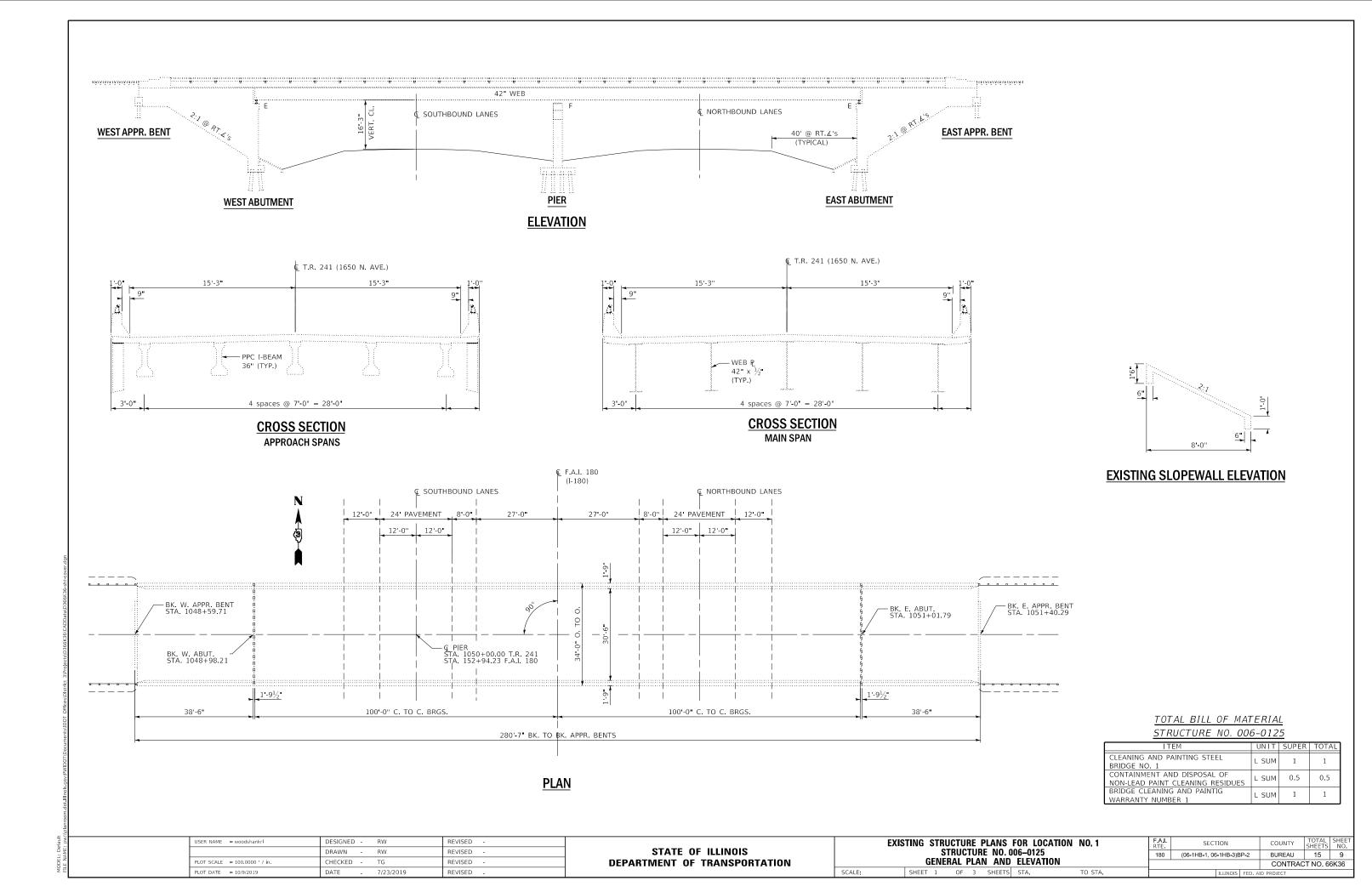
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

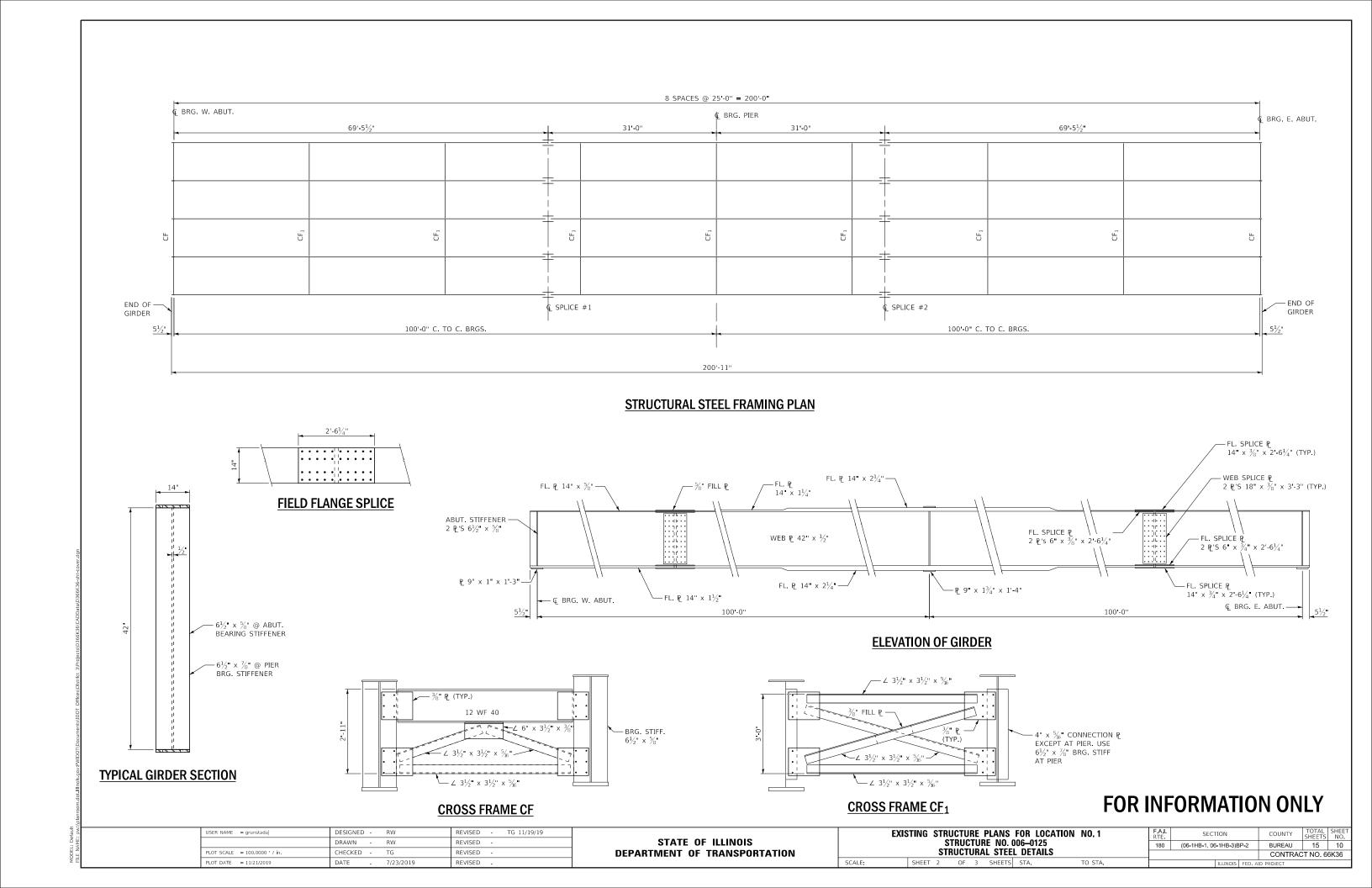
	TYPICAL SECTIONS   F. RY									SECTION			COUNTY	TOTAL SHEETS	SHEET NO.
										180 (06-1HB-1, 06-1HB-3)BP-2			BUREAU	15	5
L													CONTRAC	CT NO. 6	6K36
l	SCALE:	SHEET	1	OF	1	SHEETS	STA.	TO STA.	ILLINO			FED. A	D PROJECT		

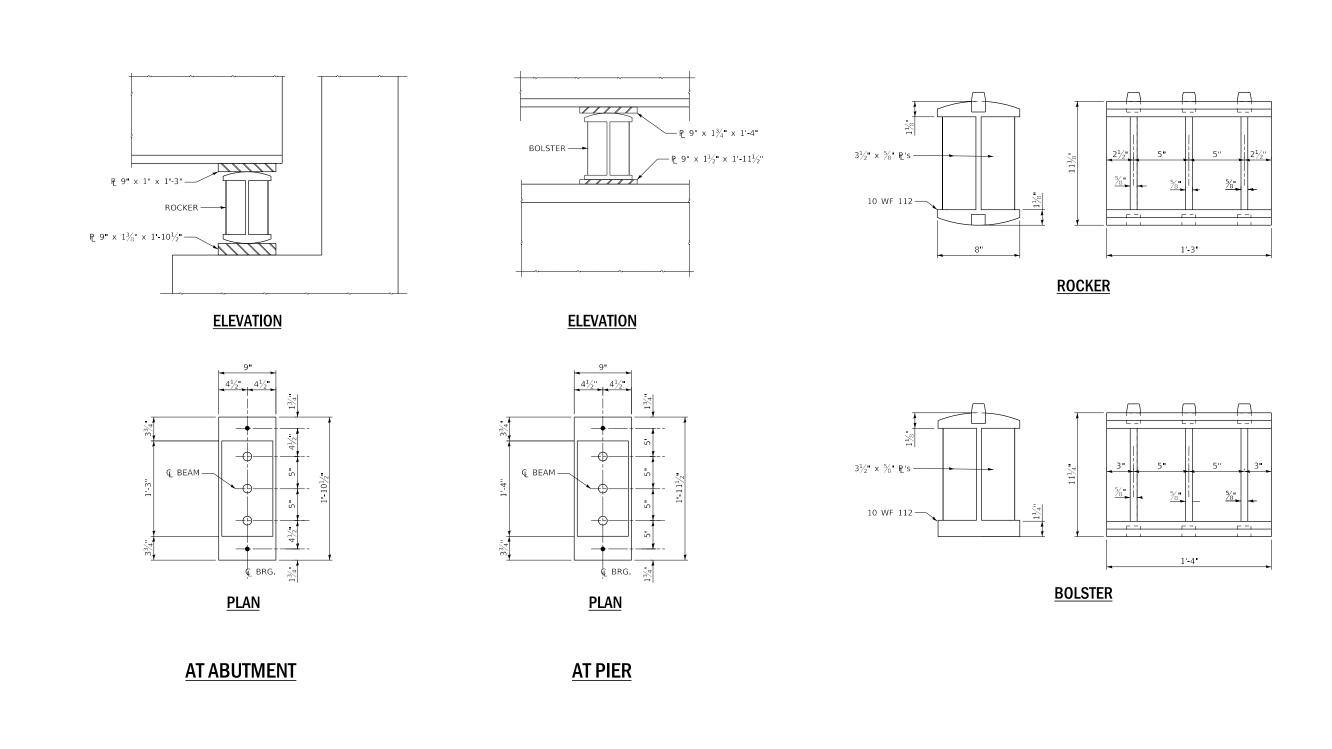






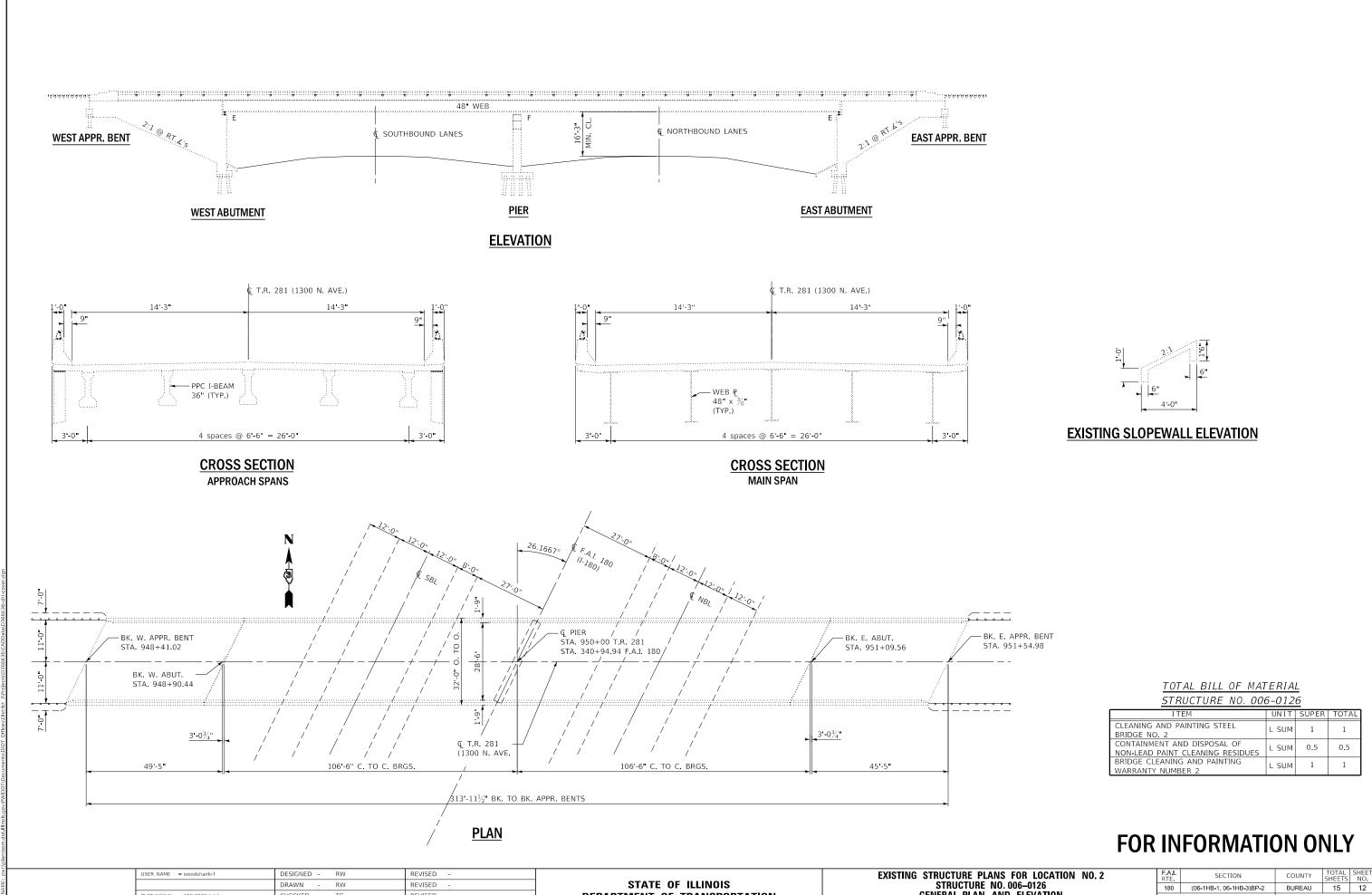






# FOR INFORMATION ONLY

USER NAME = woodshankrl	DESIGNED - RW	REVISED -			<b>EXISTING STRUCTURE PLANS FOR LOCATION</b>	ON NO. 1	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - RW	REVISED -	STATE OF ILLINOIS		STRUCTURE NO. 006-0125		180	(06-1HB-1, 06-1HB-3)BP-2	BUREAU	15	11
PLOT SCALE = 100.0000 ' / in.	CHECKED - TG	REVISED -	DEPARTMENT OF TRANSPORTATION		STRUCTURAL STEEL DETAILS				CONTRA	CT NO. 66	K36
PLOT DATE = 10/9/2019	DATE - 7/23/2019	REVISED -		SCALE:	SHEET 3 OF 3 SHEETS STA.	TO STA.		ILLINOIS FED. AI	D PROJECT		



**DEPARTMENT OF TRANSPORTATION** 

0.5

CONTRACT NO. 66K36

180 (06-1HB-1, 06-1HB-3)BP-2

**GENERAL PLAN AND ELEVATION** 

SHEET 1 OF 3 SHEETS STA.

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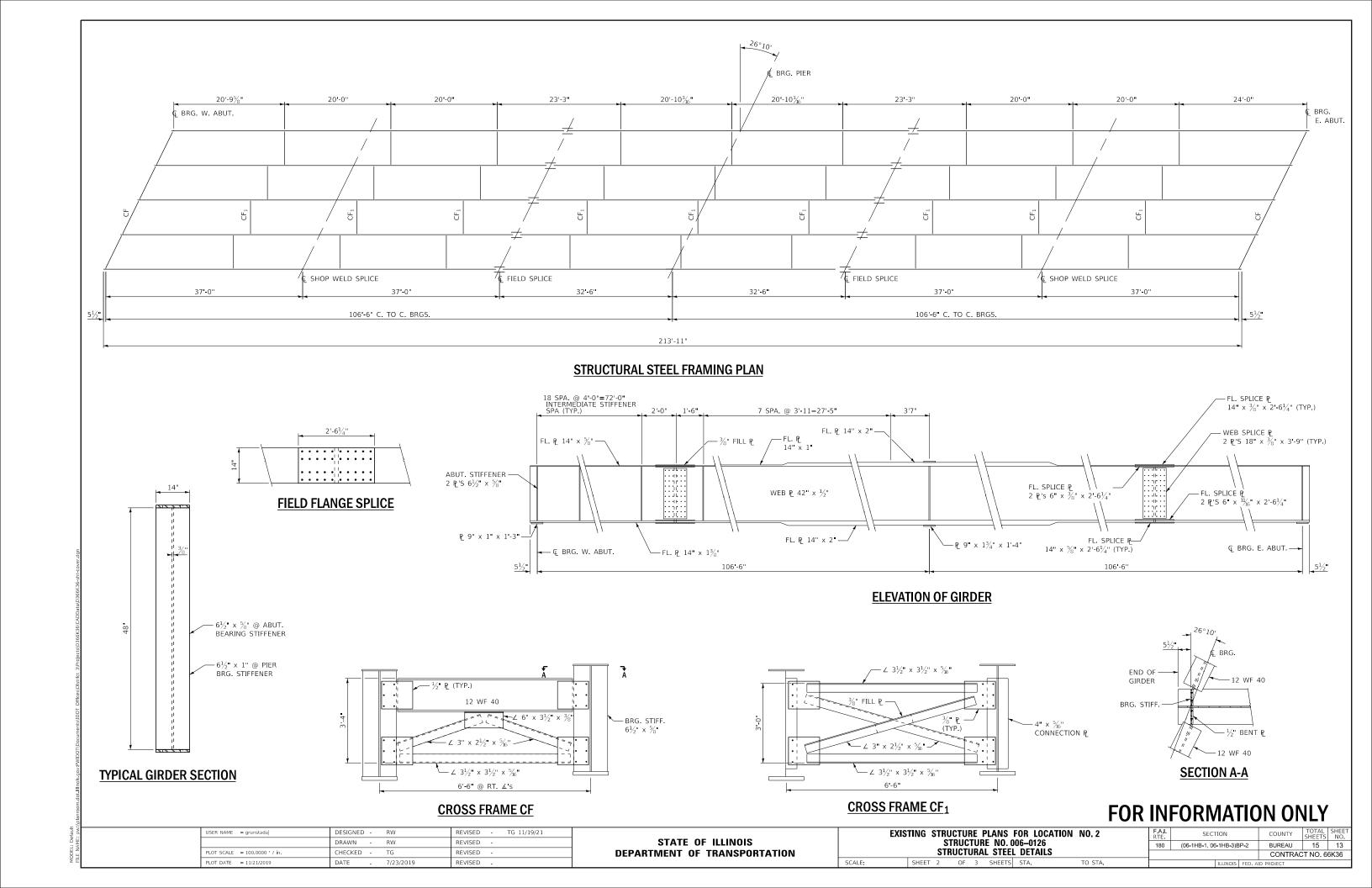
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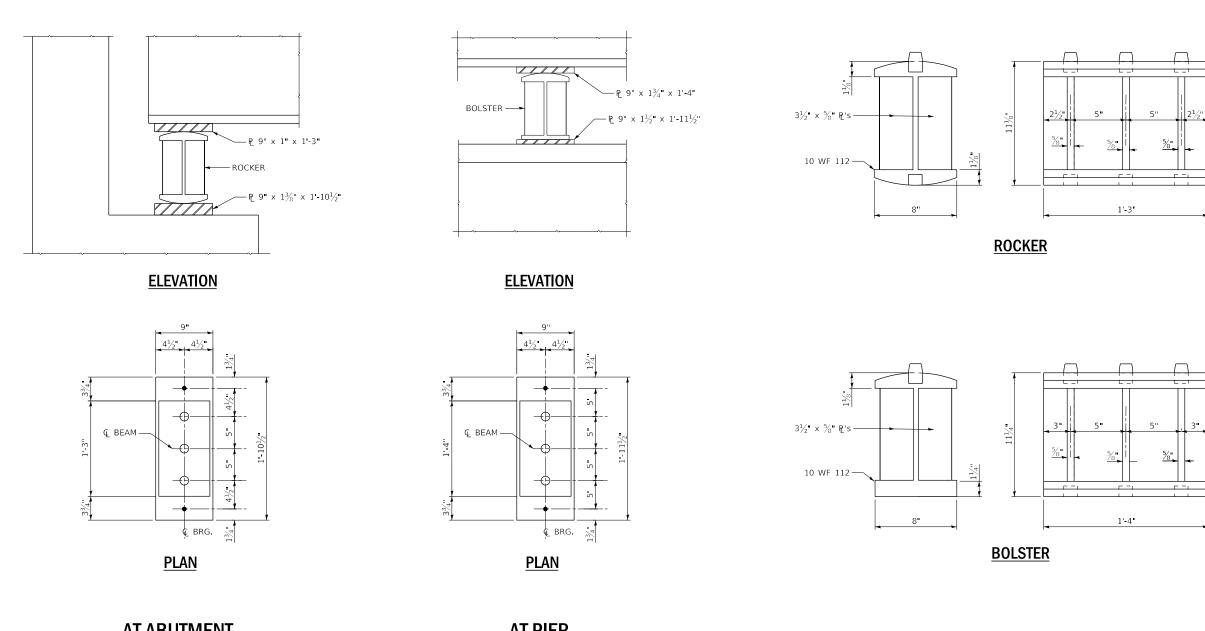
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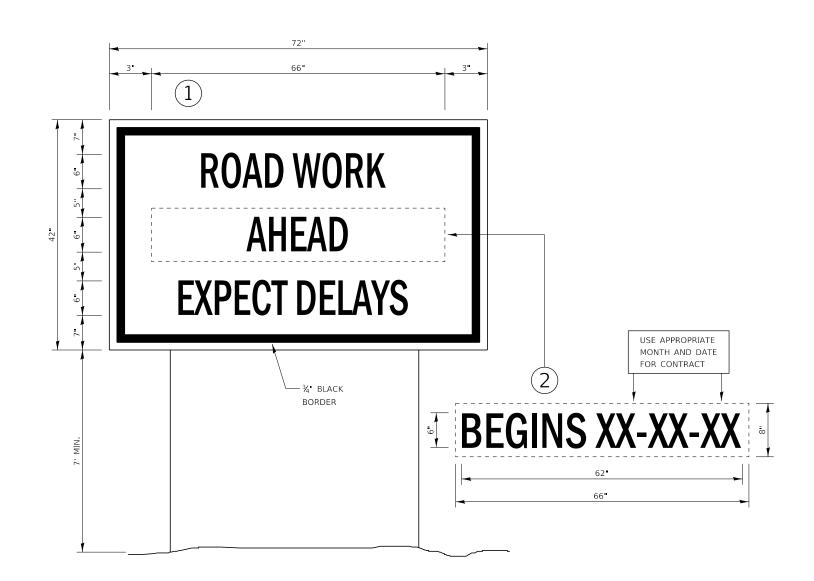


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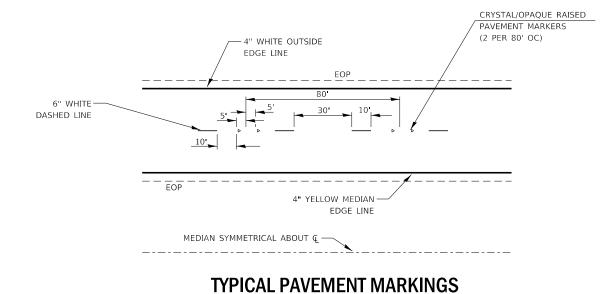
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		DRAWN - RW	REVISED -		STRUCTURE NO. 006-0126				180	(06-1HB-1, 06-	HB-3)BP-2	BUREAU	15	14			
	PLOT SCALE = 100.0000 / in.	CHECKED - TG	REVISED -	DEPARTMENT OF TRANSPORTATION		STRUCTURAL STEEL DETA				ILS					CONTRA	CT NO.	66K36
	PLOT DATE = 10/9/2019	DATE - 7/23/2019	REVISED -		SCALE:	SHEET 3	OF	3 SHEET:	S STA.	T	O STA.		1	LINOIS FED. A	D PROJECT		



### **TEMPORARY INFORMATION SIGNING**

#### NOTES:

- 1. TEMPORARY INFORMATION SIGNS SHALL BE LOCATED OR RELOCATED AS DIRECTED BY THE ENGINEER.
- 2. 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.
- 4. ERECT SIGN (1) WITH INSTALLED PANEL (2) A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
- 5. REMOVE PANEL ON THAT DATE.
- 6. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
- 7. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.



STATE OF ILLINOIS
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