970

0

01-17-2020 LETTING ITEM 040

INDEX OF SHEETS

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GENERAL NOTES
SUMMARY OF QUANTITIES

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5 TYPICAL SECTIONS
6 TRAFFIC CONTROL AND PROTECTION, STANDARD 701400
7 TRAFFIC CONTROL AND PROTECTION, STANDARD 701402

7. TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 - STAGE I
8. TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 - STAGE II
9 - 11. EXISTING STRUCTURE DETAILS: FOR LOCATION NO. 1 STRUCTURE NO. 050-0165

MISCELLANEOUS DETAILS

STANDARDS

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

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

F.A.I. ROUTE 80 (I-80)
SECTION (06-3HB)BP
PROJECT NHPP-GNYV(782)
BRIDGE PAINTING
BUREAU COUNTY

C-93-034-20

PROJECT LOCATION

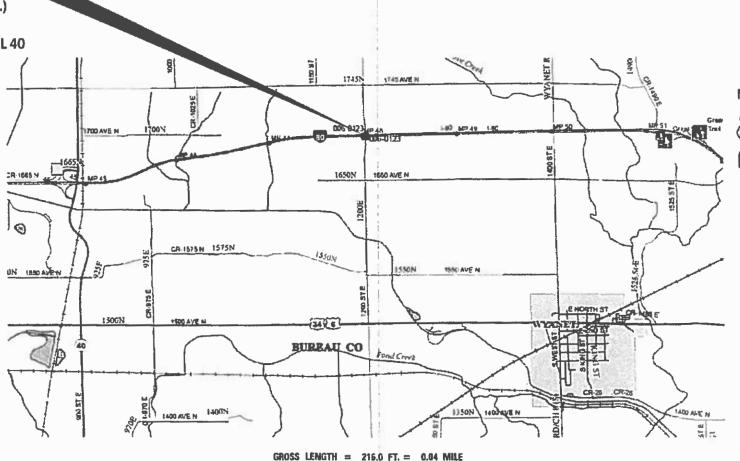
STRUCTURE NO. 006-0123
CARRYING T.R. 148 (1200E RD.)
OVER F.A.I. 80 (I-80)
APPROXIMATELY 3.0 MI. EAST OF IL 40

0 100' 200' 300'— 1"= 100' 50' 100' 1"= 50' 0 50' 100' 1"= 50' 100' 100' 100' 100' 100' 100' 100'

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. 66K74



NET LENGTH = 216,0 FT. = 0.04 MILE

D-93-01.2-20

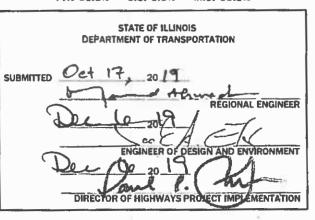


FUNCTIONAL CLASSIFICATION

RURAL INTERSTATE

F.A.I. ROUTE 80 (I-80) 2017 ADT = 20200

P.V. 58.1% S.U. 3.8% M.U. 38.1%



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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. 006-0123 SHALL BE DESIGNATED AS "LOCATION 1".

THE SSPC-QP1 AND SSPC-QP-2 "PAINTING CONTRACTOR CERTIFICATIONS" WILL BE REQUIRED FOR THIS PROJECT.

A MINIMUM OF TWO AIR MONITORS SHALL BE REQUIRED FOR EACH STRUCTURE. THE CONTRACTOR SHALL FURNISH AND INSTALL THE MONITORS AS DIRECTED BY THE ENGINEER. (SEE THE SPECIAL PROVISION FOR "CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES*.)

EXISTING STEEL HANDRAIL CONTAINS "LEAD", THE CONTRACTOR SHALL EXERCISE CAUTION IN DEALING WITH LEAD PAINT ON THIS PROJECT. CONTAINMENT AND DISPOSAL OF EXISTING HANDRAIL CLEANING SHALL BE ACCORDING TO THE SPECIAL PROVISION FOR "CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES".

CONTAINMENT AND DISPOSAL OF EXISTING STRUCTURAL STEEL CLEANING SHALL BE ACCORDING TO THE SPECIAL PROVISION FOR "CONTAINMENT AND DISPOSAL OF NON-LEAD

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 1-0Z/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 NO. 7.5G 1/2.

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 NON-LEAD PAINT RESIDUES HAS REMOVED THE WASTE MATERIAL FROM THE IOB 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.

COMMITMENTS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT THREE AS BUILT INFORMATION

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT THREE

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

PREPARED BY

DATE:

DISTRICT STUDIES & PLANS ENGINEER

START & END DATES OF CONSTRUCTION:

INSPECTORS:

SCALE:

EXAMINED BY:

DISTRICT CONSTRUCTION ENGINEER

DISTRICT MATERIALS ENGINEER

10-16-1

USER HAME - woodshankil DESIGNED RW REVISED REVISED REVISED TG PLOT SCALE = 190,0000 / in. CHECKED PLOT DATE = 10/9/2019 DATE 8/13/2019 REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES SHEET 1 OF 1 SHEETS STA. TO STA

TOTAL SHEE' SHEETS NO. SECTION COUNTY (06-3HB)BP BUREAU 12 2 CONTRACT NO. 66K74

CONSTR. CODE
BRIDGE PAINTING
90% FED 10% STATE

				BR I DGE
CODE			TOTAL	0047
NO .	ITEM	UNIT	QUANT I TY	S.N. 006-0123
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	375	375
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1125	1125
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	1	1
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	3	3
78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	870	870
78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	470	470
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	522	522
X0970001	WORK ZONE SPEED LIMIT SIGN ASSEMBLY	CAL DA	14	14
X2700001	TEMPORARY RUMBLE STRIPS (SPECIAL)	EACH	4	4
X5067501	BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 1	L SUM	1	1
*= SPECIAL	TV ITEM			

*= SPECIALTY ITEM

USER NAME = woodshankrl	DESIGNED	-	RW	REVISED	-
	DRAWN	-	RW	REVISED	-
PLOT SCALE = 100.0000 ' / in.	CHECKED	-	TG	REVISED	-
PLOT DATE = 10/9/2019	DATE	-	8/13/2019	REVISED	-

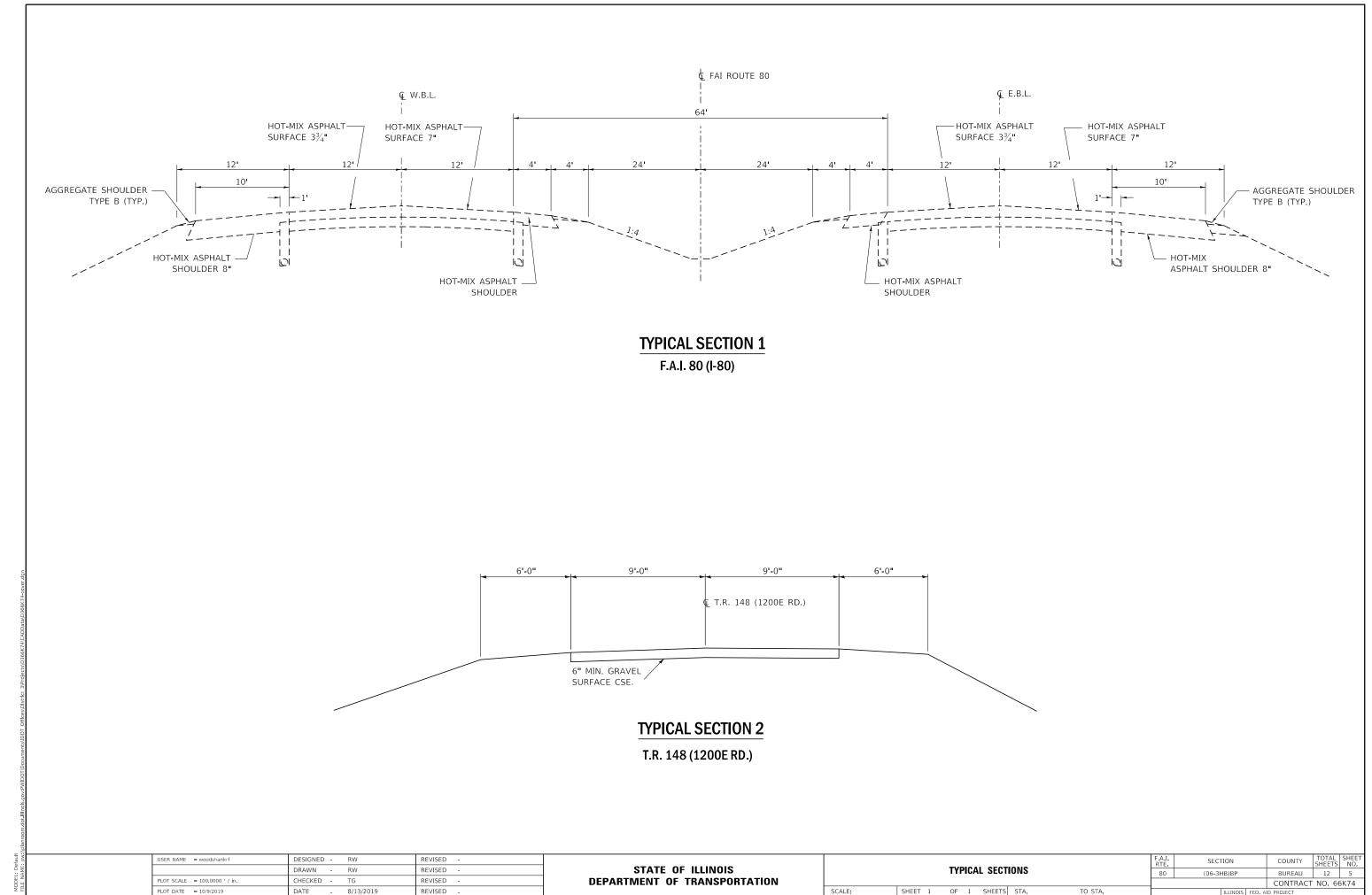
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

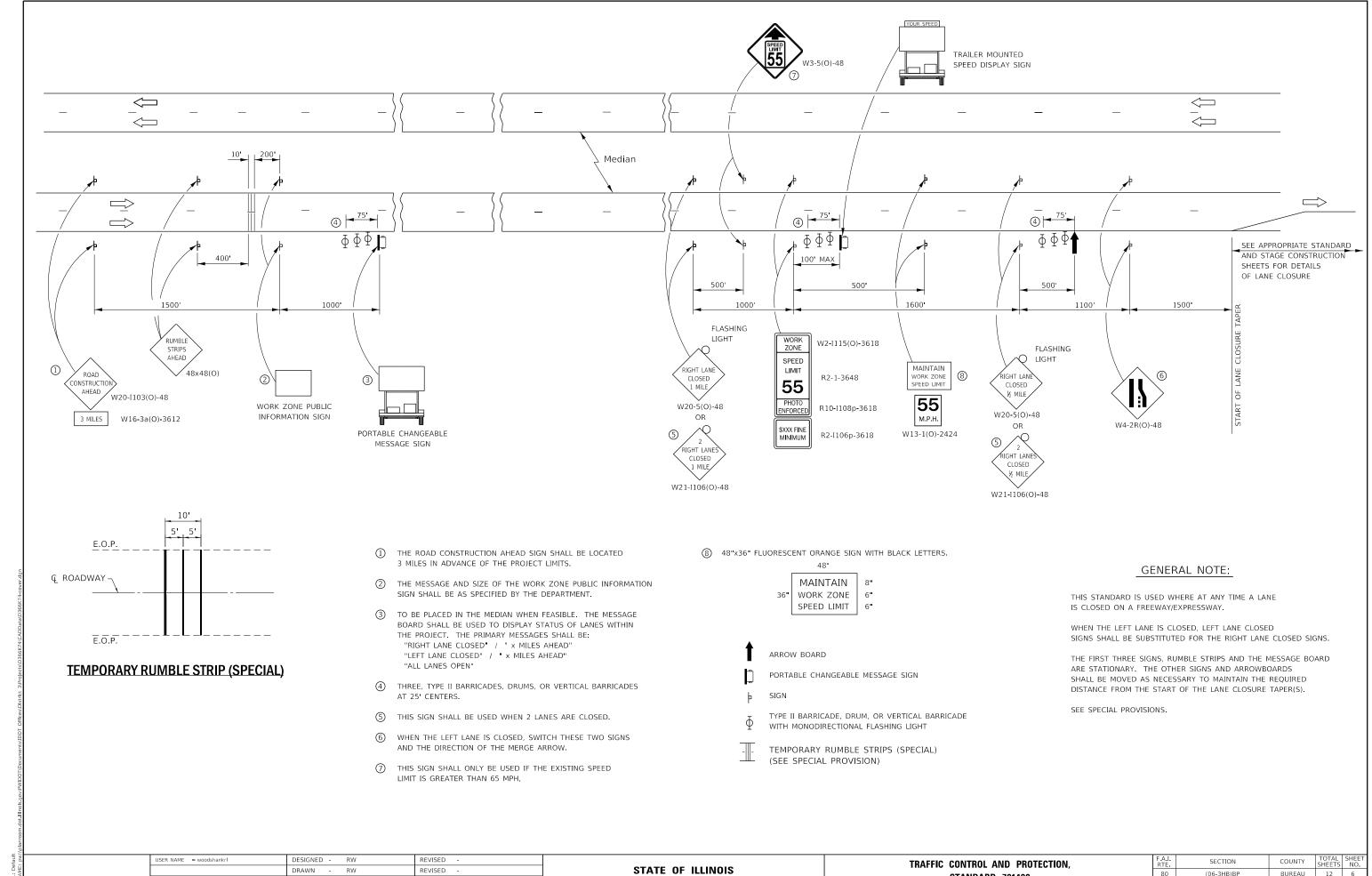
C	CONST	R CC	DDE
BR	I DGE	PAIN	TING
90%	FED	10%	STATE

				BR I DGE
CODE			TOTAL	0047
NO.	ITEM	UNIT	QUANTITY	S.N. 006-0123
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1	1
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
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	42
	NO. Z0007101 Z0007114 Z0010501	NO. ITEM Z0007101 CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1 Z0007114 CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES Z0010501 CLEANING AND PAINTING STEEL BRIDGE NO. 1	NO. ITEM UNIT Z0007101 CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1 L SUM Z0007114 CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES L SUM Z0010501 CLEANING AND PAINTING STEEL BRIDGE NO. 1 L SUM	NO. ITEM UNIT QUANTITY Z0007101 CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1 L SUM 1 Z0007114 CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES L SUM 1 Z0010501 CLEANING AND PAINTING STEEL BRIDGE NO. 1 L SUM 1

^{*=} SPECIALTY ITEM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION





HECKED -

8/13/2019

DATE

PLOT DATE = 10/9/2019

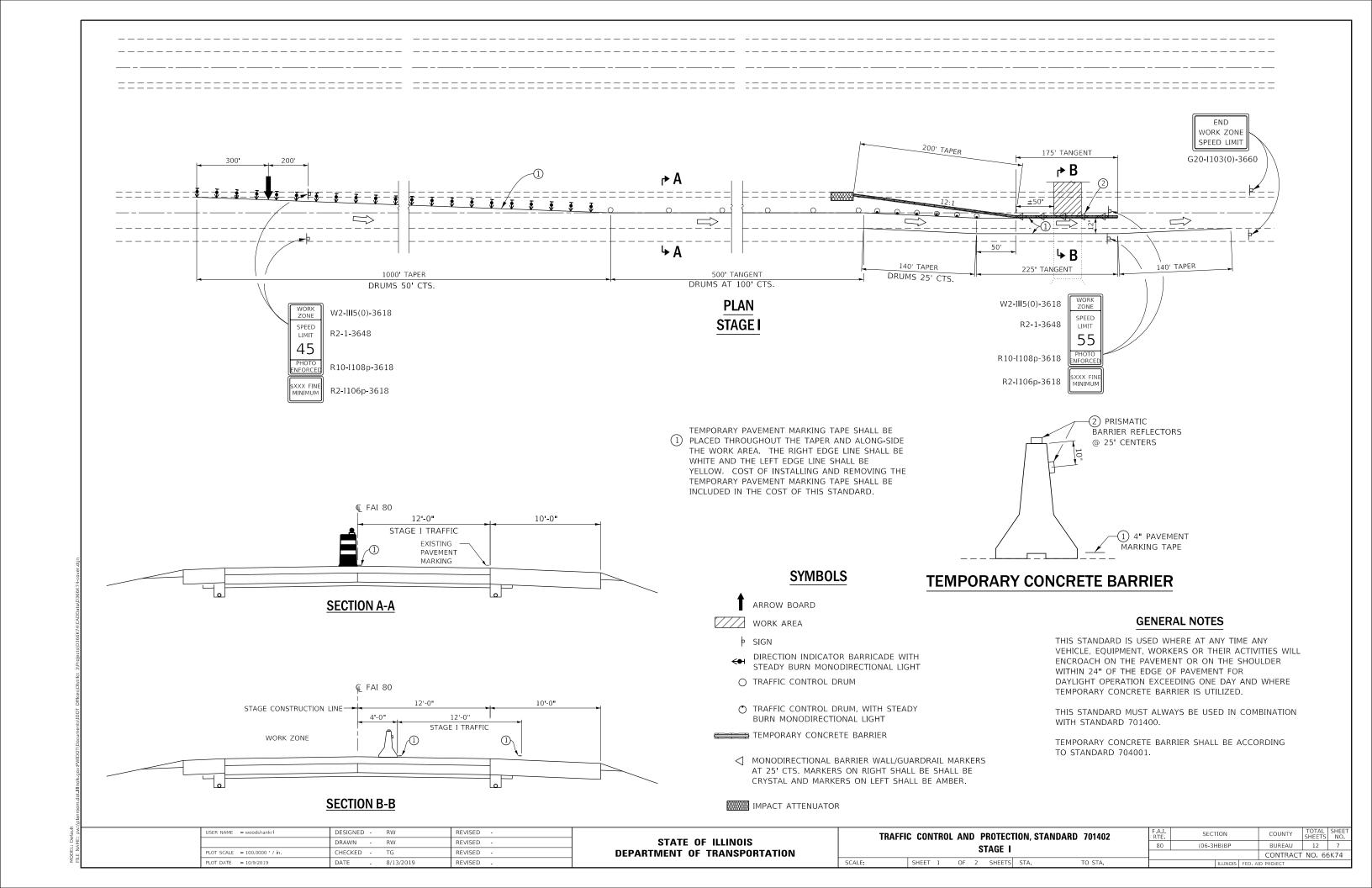
REVISED

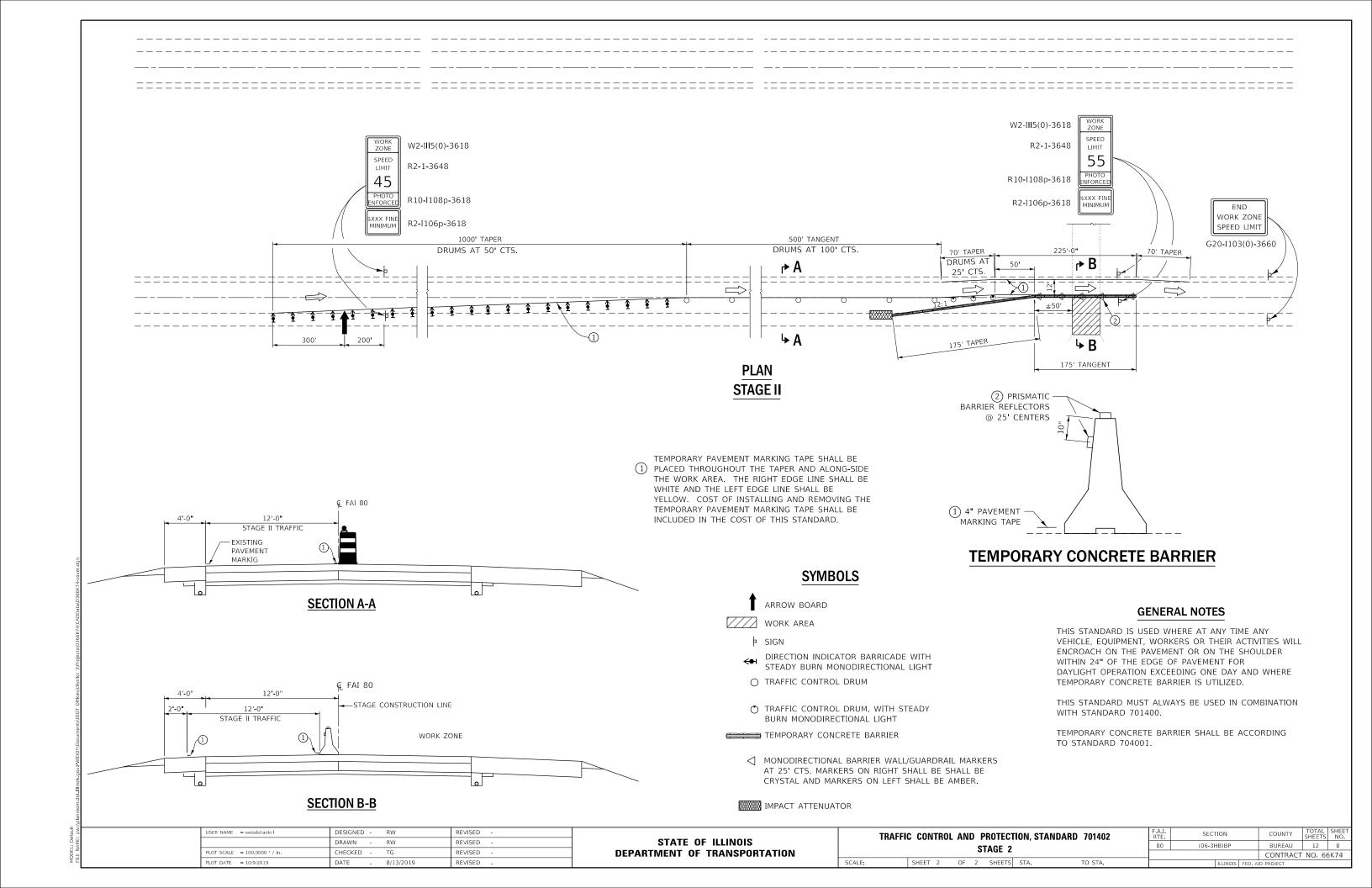
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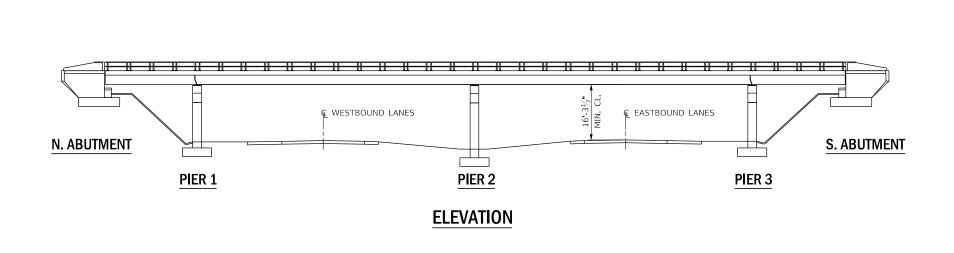
DEPARTMENT OF TRANSPORTATION

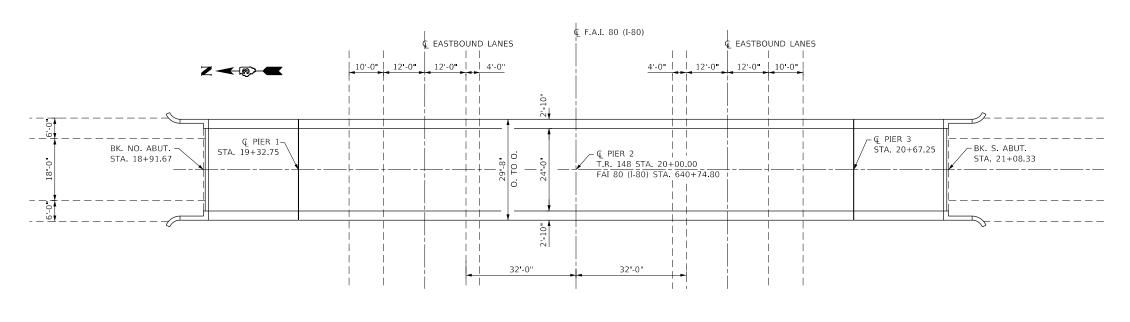
SCALE:

(06-3HB)BP BUREAU 12 6 STANDARD 701400 CONTRACT NO. 66K74 OF 2 SHEETS STA. TO STA. SHEET 1









PLAN

TOTAL BILL OF MATERIAL STRUCTURE NO. 006-0123

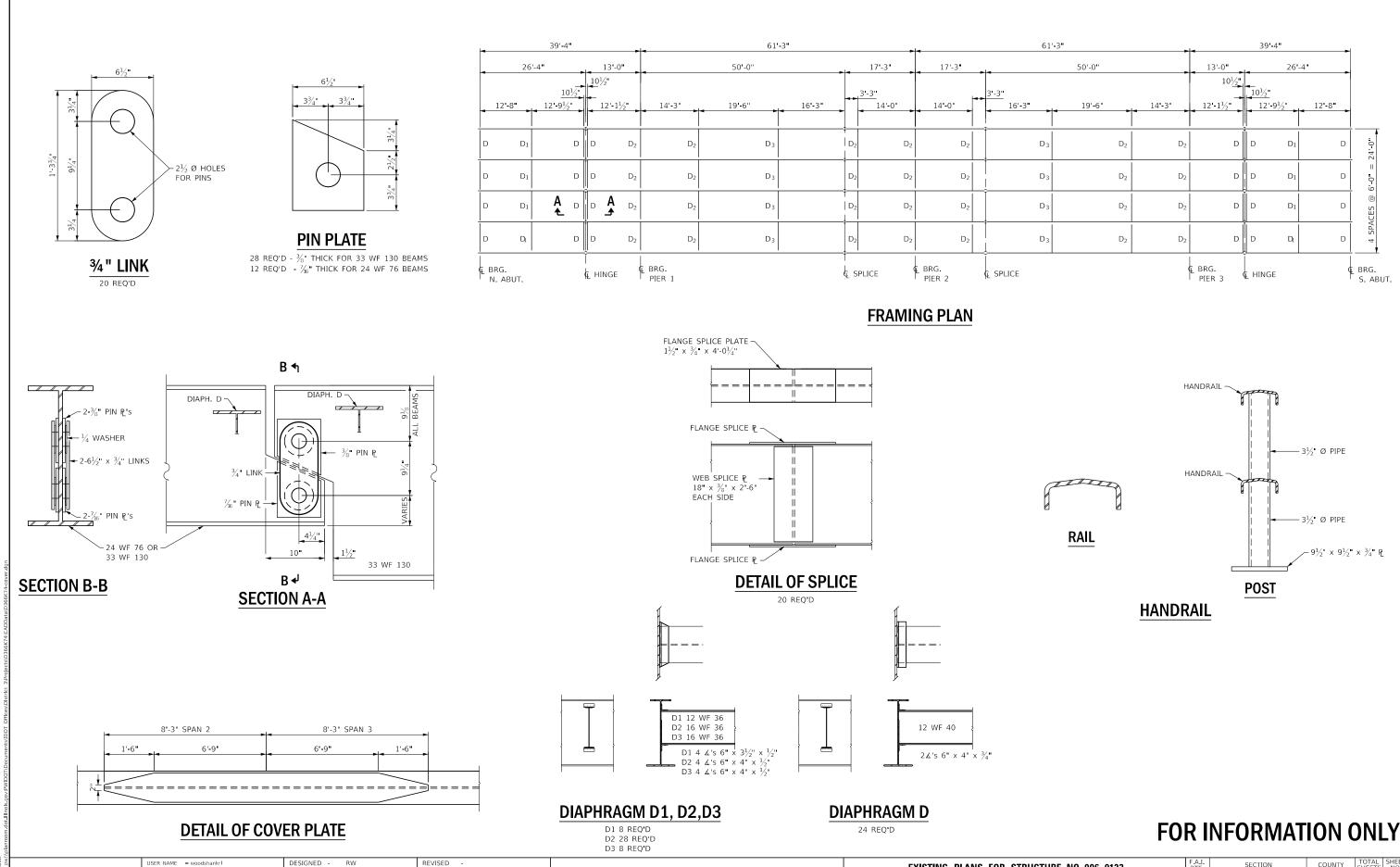
31 NOCTORE NO. 000-0123							
ITEM	UNIT	SUPER	TOTAL				
CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1	1				
CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES	L SUM	1	1				
CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES	L SUM	1	1				
BRIDGE CLEANING AND PAINTIG WARRANTY NUMBER 1	L SUM	1	1				

USER NAME = woodshankrl	DESIGNED -	RW	REVISED - RW 11/19/2019
	DRAWN -	RW	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	TG	REVISED -
PLOT DATE = 11/19/2019	DATE -	8/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

EXISTING PLANS FOR STRUCTURE NO. 006-0123	F.A.I. RTE	SECTION	
GENERAL PLAN AND ELEVATION	80	(06-3HB)BP	
GENERAL I LAW AND LEEVATION			\Box
			_



STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

COUNTY

(06-3HB)BP

BUREAU 12 10

CONTRACT NO. 66K74

EXISTING PLANS FOR STRUCTURE NO. 006-0123

STRUCTURAL STEEL DETAILS

TO STA.

SHEET 2 OF 3 SHEETS STA.

SCALE:

DRAWN -

CHECKED -

DATE

PLOT SCALE = 100.0000 ' / in.

PLOT DATE = 10/9/2019

RW

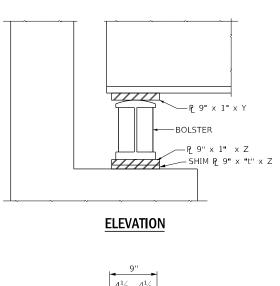
TG

8/13/2019

REVISED

REVISED

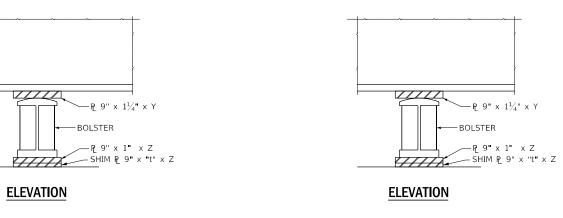
REVISED



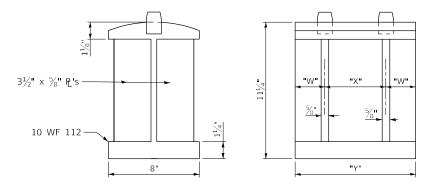
€ BEAM—

AT ABUTMMENT

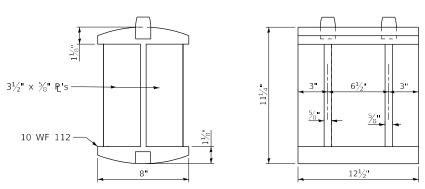








DETAIL OF BEARING
AT PIER 2 & ABUTMENTS



DETAIL OF BEARING
AT PIERS 1 & 3

SCHEDULE OF BOLSTER DIMENSIONS

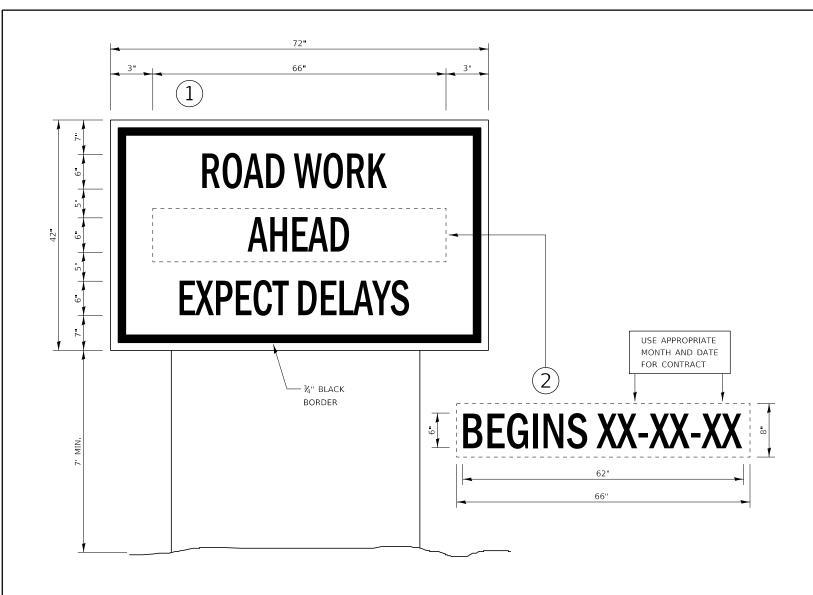
BRG.	BEAM	W	X	Y	Z
ABUT.	1 & 5	3"	6½"	12½"	20 "
ABOT.	2-3-4	21/2"	5"	10"	17½"
PIER 2	ALL	23/4"	5½"	11½"	19"

TABLE OF "t" DIMENSIONS

BEAM	ALL BEARINGS
1-2-4-5	0"
2	3/11

FOR INFORMATION ONLY

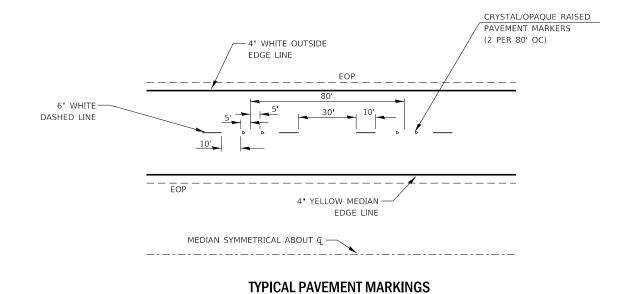
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	DRAWN - RW	REVISED -	STATE OF ILLINOIS		STRUCTURAL STEEL DETAILS	80	(06-3HB)BP	BUREAU 12 11
PLOT SCALE = 100.0000 ' / in.	CHECKED - TG	REVISED -	DEPARTMENT OF TRANSPORTATION		SINUCIONAL SIEEL DETAILS			CONTRACT NO. 66K74
PLOT DATE = 10/9/2019	DATE - 8/13/2019	REVISED -		SCALE:	SHEET 3 OF 3 SHEETS STA. TO STA.		ILLINOIS FED. A	ND 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.



USER NAME = woodshankrl	DESIGNED -	RW	REVISED -	Π
	DRAWN -	RW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	TG	REVISED -	
PLOT DATE = 10/9/2019	DATE -	8/13/2019	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

			SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
MISCELLANEOUS DETAILS		80	(06-3HB)BP	BUREAU	12	12	
			CONTRACT NO. 66K74				
	SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED. A	ID PROJECT		-	