

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. QTY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	06-1HB1BP	BUREAU	13	1
		ILLINOIS	CONTRACT NO. 66H74	

INDEX OF SHEETS

1. COVER SHEET
2. GENERAL NOTES
- 3-4. SUMMARY OF QUANTITIES
5. TYPICAL SECTIONS
6. TRAFFIC CONTROL AND PROTECTION, STANDARD 701400 (SPECIAL)
7. TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL)
8. PAVEMENT MARKING
9. ROAD CLOSURE SIGNING
- 10 - 13. EXISTING STRUCTURE DETAILS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

- | | |
|-----------|--|
| BLR 21-9 | TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS |
| BLR 22-7 | TYPICAL APP OF T.C.D. RURAL LOCAL HIGHWAY (2-LANE 2-WAY RURAL TRAF.) (ROAD CLOSED TO THRU TRAFFIC) |
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001906 | DECIMAL OF AN INCH AND OF A FOOT |
| 701006-05 | OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE |
| 701101-05 | OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE |
| 701426-09 | LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH |
| 701428-01 | TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY |
| 701901-07 | TRAFFIC CONTROL DEVICES |
| 704001-08 | TEMPORARY CONCRETE BARRIER |

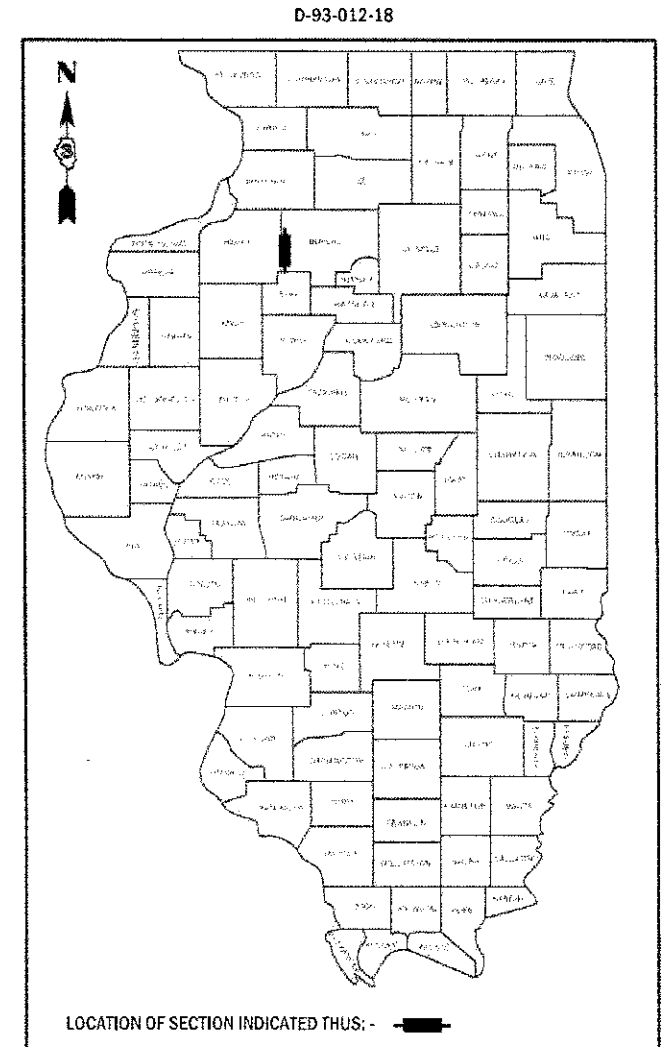
PROPOSED HIGHWAY PLANS

F.A.I. ROUTE 80 (I-80)
SECTION (06-1HB)BP
PROJECT NHPPYLL9(804)
BRIDGE PAINTING
BUREAU COUNTY

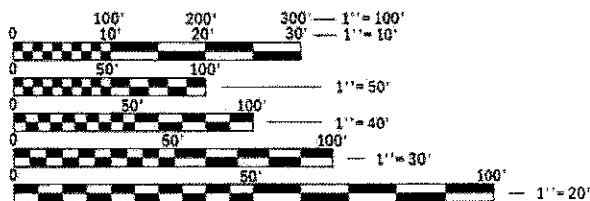
C-93-011-18

PROJECT LOCATION

STRUCTURE NO. 006-0115
CARRYING F.A.S. 253 (C.H. 10)
OVER F.A.I. 80 (I-80) AND STREAM
1.3 MILES EAST OF HENRY CO. LINE



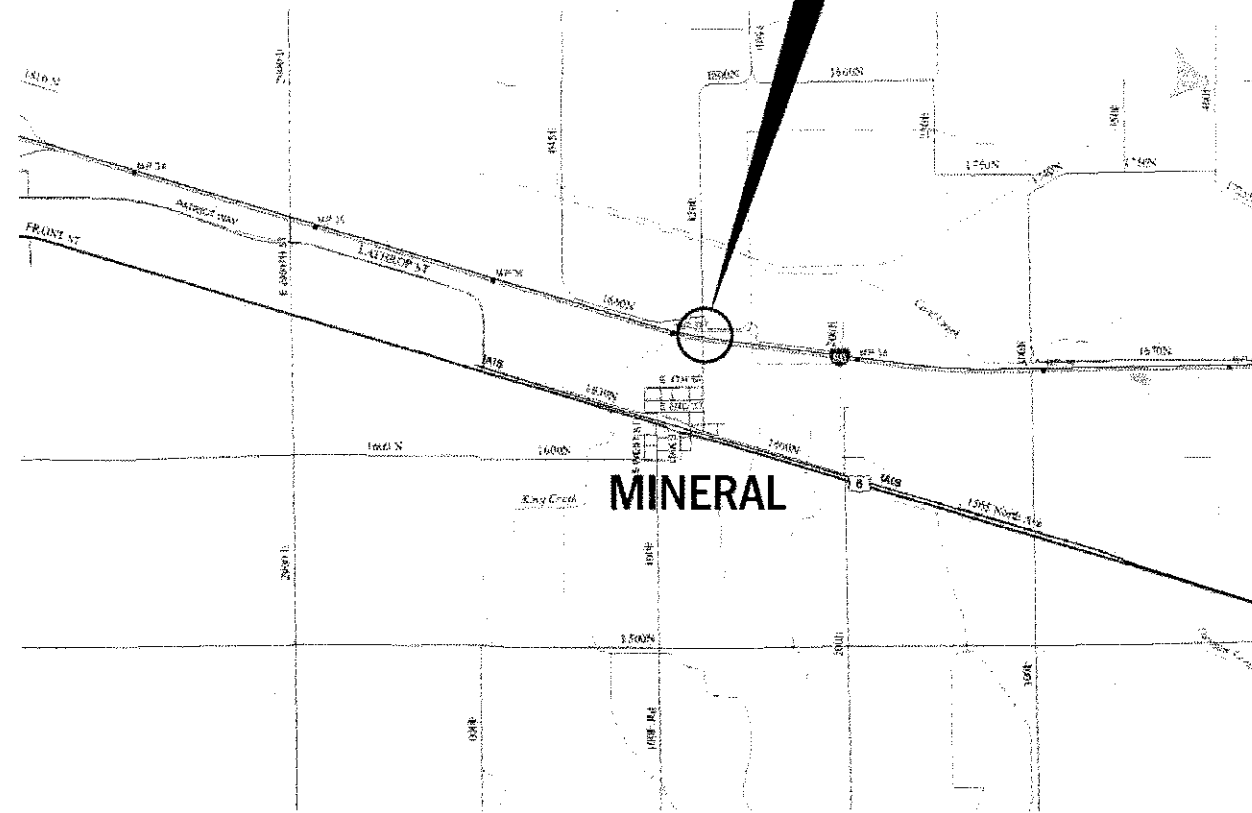
RURAL - INTERSTATE		RURAL LOCAL ROAD	
I-80 ADT YR 2015		CH 10 ADT YR 2012	
ADT	16500	ADT	500
P.V	43%	P.V	92%
S.U	11%	S.U	6%
M.U	46%	M.U	2%



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 NO. 3 (815) 434-6131
CONTRACT NO. 66H74



GROSS LENGTH = 374 FT. = 0.07 MILE
NET LENGTH = 374 FT. = 0.07 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *Oct 17 2017*
Mauch
REGIONAL ENGINEER

Nov 30 2017
Maureen M. Addis
ENGINEER OF DESIGN AND ENVIRONMENT

Nov 30 2017
David
DIRECTOR OF PROGRAM DEVELOPMENT 2

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OF THE STATE OF ILLINOIS

GENERAL NOTES

1. 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.
2. STRUCTURE NO. 006-0115 SHALL BE DESIGNATED AS "LOCATION 1".
3. THE SPPC-OP1 AND SPPC-OP2 "PAINTING CONTRACTOR CERTIFICATIONS" WILL BE REQUIRED FOR THIS PROJECT.
4. A MINIMUM OF TWO AIR MONITORS SHALL BE REQUIRED FOR EACH STRUCTURE THE CONTRACTOR SHALL FURNISH AND INSTALL THE MONITORS AS SHOWN ON PLAN DETAILS. (SEE THE SPECIAL PROVISION FOR "CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES".)
5. 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, DIAPHRAGMS, CROSS/LATERAL FRAMING WHEN PRESENT, BEARING ASSEMBLIES AND ALL OTHER ASSOCIATED STEEL COMPONENTS SHALL BE CLEANED PER THE REQUIREMENTS OF "NEAR WHITE BLAST CLEANING - SPPC-SP-10.
 - b) ALL EXISTING STRUCTURAL STEEL, (INCLUDING BEAMS, DIAPHRAGMS, CROSS/LATERAL FRAMING WHEN PRESENT, BEARING ASSEMBLIES AND ALL OTHER ASSOCIATED STEEL COMPONENTS SHALL BE PAINTED 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 NO. 7.5G 1/2".
6. 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.
7. 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 LEAD PAINT RESIDUES ON OR BEFORE THE SPECIFIED COMPLETION DATE, LIQUIDATED DAMAGES SHALL BE CHARGED PER CALENDAR DAY ACCORDING TO ARTICLE 109.09 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**

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

DATE: 10/17/17

PREPARED BY: Davit Bawish
DISTRICT STUDIES & PLANS ENGINEER

EXAMINED BY: [Signature]
DISTRICT CONSTRUCTION ENGINEER

Michael A. Short
DISTRICT MATERIALS ENGINEER

[Signature]
DISTRICT OPERATIONS ENGINEER

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
80	(06-1HB)BP	BUREAU	13 2
			CONTRACT NO. 66H74
ILLINOIS FED. AID PROJECT			

REVISIONS: 1. DATE: 10/17/17 BY: [Signature] REASON: [Signature]
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 3. DATE: 10/17/17 BY: [Signature] REASON: [Signature]

REV

CONSTR. CODE
 B.P.O.
 90% FEDERAL 10% STATE
 BRIDGE
 0047
 S.N. 006-0115

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
50606701	CLEANING AND PAINTING STRUCTURAL STEEL, LOCATION 1	L SUM	1	1
67100100	MOBILIZATION	L SUM	1	1
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
Δ 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	650	650
Δ 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	450	450
X0327271	TRAFFIC CONTROL FOR ROAD CLOSURE	EACH	1	1
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	440	440
X5067501	BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 1	L SUM	1	1
X7010208	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL)	EACH	1	1
X7011830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	EACH	2	2
X7011832	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	EACH	1	1

Δ SPECIALITY ITEMS

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PLOT DATE = 10/13/2017	DATE - 8/3/2017	REvised - _____

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB)BP	BUREAU	13	3
			CONTRACT NO. 66H74	
ILLINOIS FED. AID PROJECT				

CONSTR. CODE
B.P.O.
90% FEDERAL 10% STATE
BRIDGE
0047
S.N. 006-0115

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
X7015005	CHANGEABLE MESSAGE SIGN	CAL DAY	15
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1

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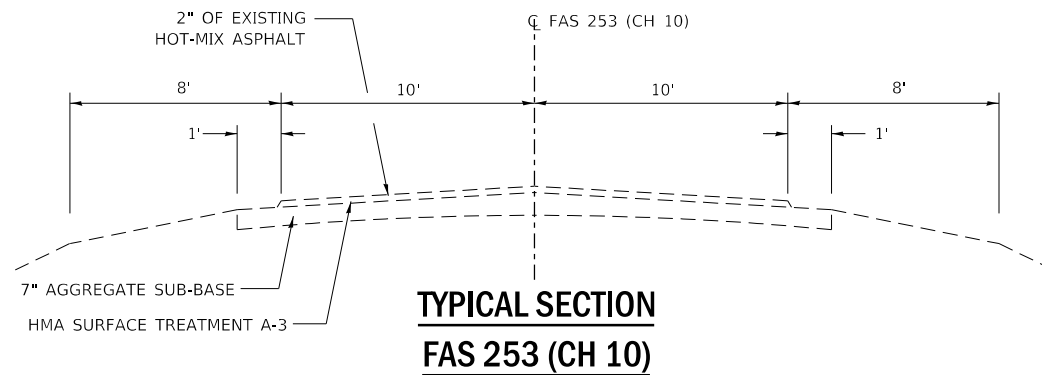
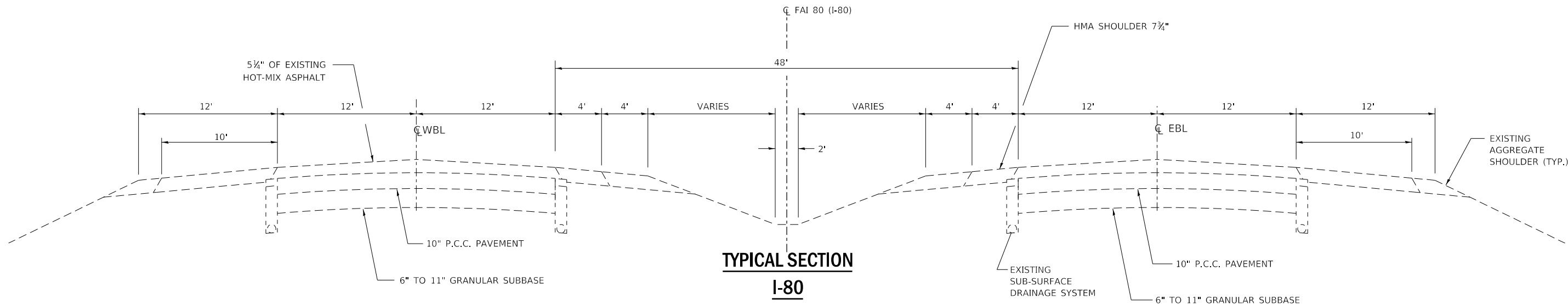
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PLOT DATE = 10/13/2017	DATE - 8/3/2017	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB)BP	BUREAU	13	4
			CONTRACT NO. 66H74	
ILLINOIS FED. AID PROJECT				

REV



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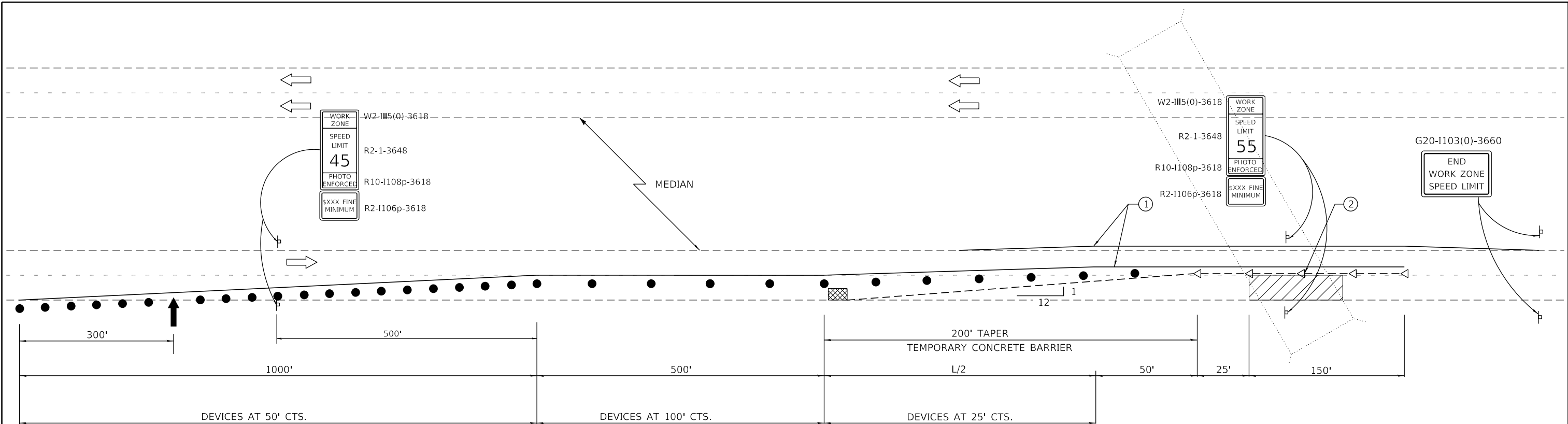
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PLOT DATE = 10/13/2017	DATE - 8/3/2017	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

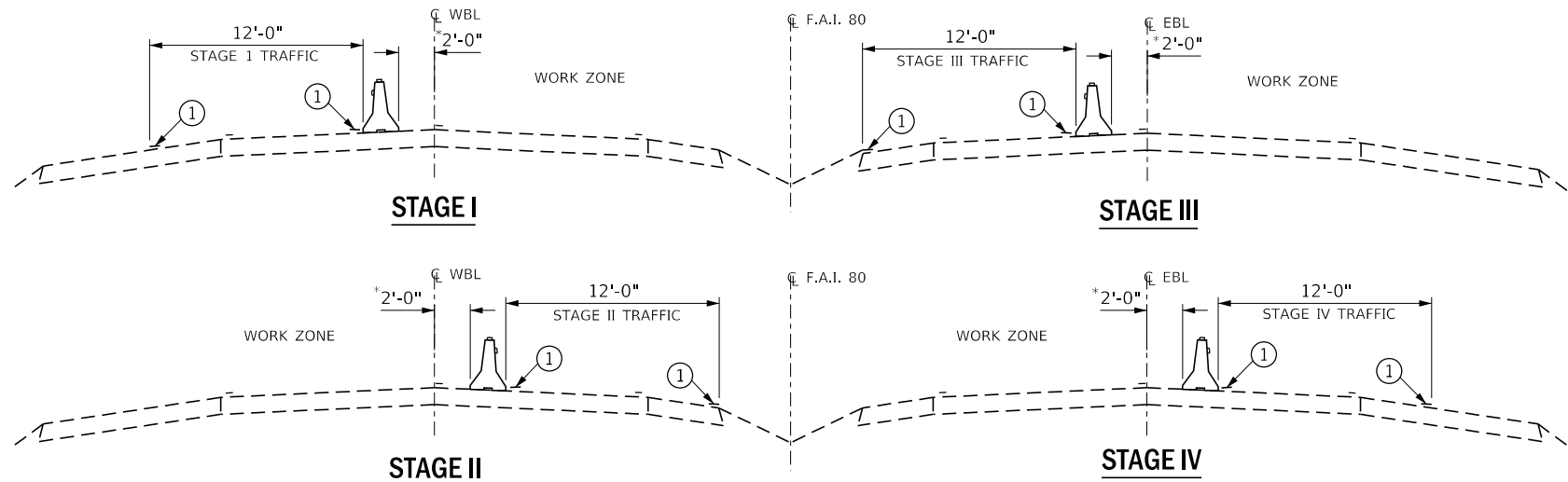
TYPICAL SECTIONS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB)BP	BUREAU	13	5
CONTRACT NO. 66H74				
ILLINOIS FED. AID PROJECT				



- ① TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND ALONG-SIDE THE WORK AREA. THE RIGHT EDGE LINE SHALL BE WHITE AND THE LEFT EDGE LINE SHALL BE YELLOW.
- ② BARRIER WALL/GUARDRAIL MARKERS AT 25' (7.6 M). MARKERS ON RIGHT SHALL BE CRYSTAL AND MARKERS ON LEFT SHALL BE AMBER.



GENERAL NOTES

THIS STANDARD IS USED WHERE AT ANY TIME ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES WILL ENCROACH ON THE PAVEMENT OR ON THE SHOULDER WITHIN 24 (600) OF THE EDGE OF PAVEMENT FOR DAYLIGHT OPERATION EXCEEDING ONE DAY AND WHERE TEMPORARY CONCRETE BARRIER IS UTILIZED.

THIS STANDARD MUST ALWAYS BE USED IN COMBINATION WITH STANDARD 701400.

WHEN WORK IS BEING PERFORMED IN THE LEFT LANE, THE SET UP WOULD BE A MIRROR IMAGE TO WHAT IS SHOWN.

TEMPORARY CONCRETE BARRIER SHALL BE ACCORDING TO STANDARD 704001.

CALCULATE L AS FOLLOWS:

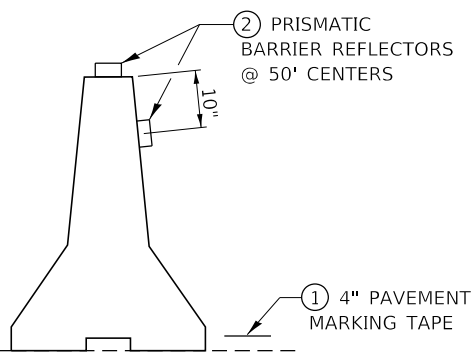
NORMAL POSTED SPEED	FORMULAS
45 MPH OR MORE	ENGLISH
	$L=(W)(S)$

W = WIDTH OF OFFSET IN FEET (METERS).

S = NORMAL POSTED SPEED IN MPH (KM/H).

SYMBOLS

- ↑ ARROW BOARD
- ▨ WORK AREA
- ⊥ SIGN
- TRAFFIC CONTROL DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- - - - - TEMPORARY CONCRETE BARRIER
- ◁ MONODIRECTIONAL BARRIER WALL/GUARDRAIL MARKER
- ▣ IMPACT ATTENUATOR



*NO EQUIPMENT OR MATERIALS SHALL ENCROACH WITHIN AN DISTANCE OF 2'-0" AS MEASURED FROM THE BASE OF THE TEMPORARY CONCRETE BARRIER TO THE C OF ROADWAY

TEMPORARY CONCRETE BARRIER

SEE STANDARD 701400 (SPECIAL) FOR APPROACH START OF LANE CLOSURE TAPER

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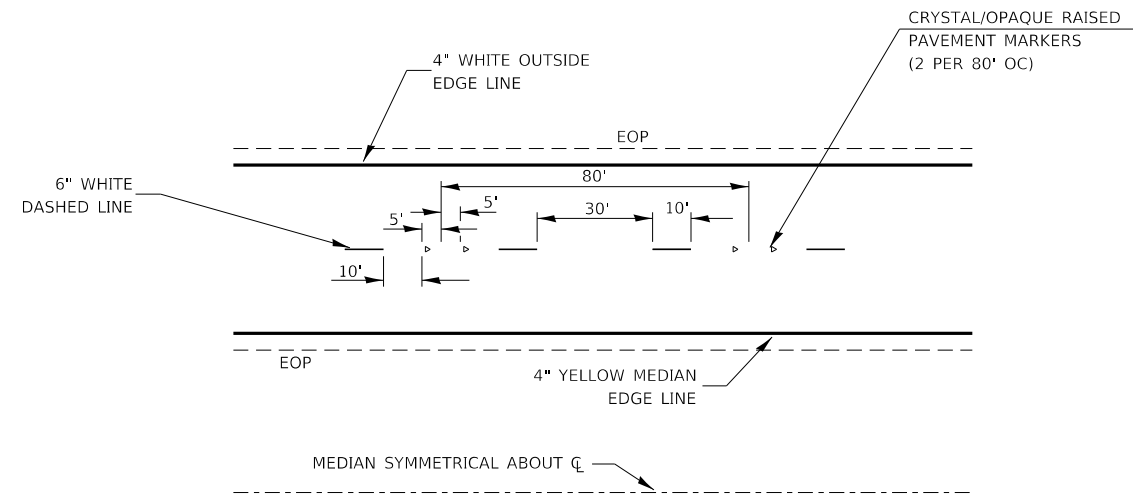
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PLOT DATE = 10/16/2017		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL)

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB)BP	BUREAU	13	7
CONTRACT NO. 66H74				
ILLINOIS FED. AID PROJECT				



TYPICAL PAVEMENT MARKINGS

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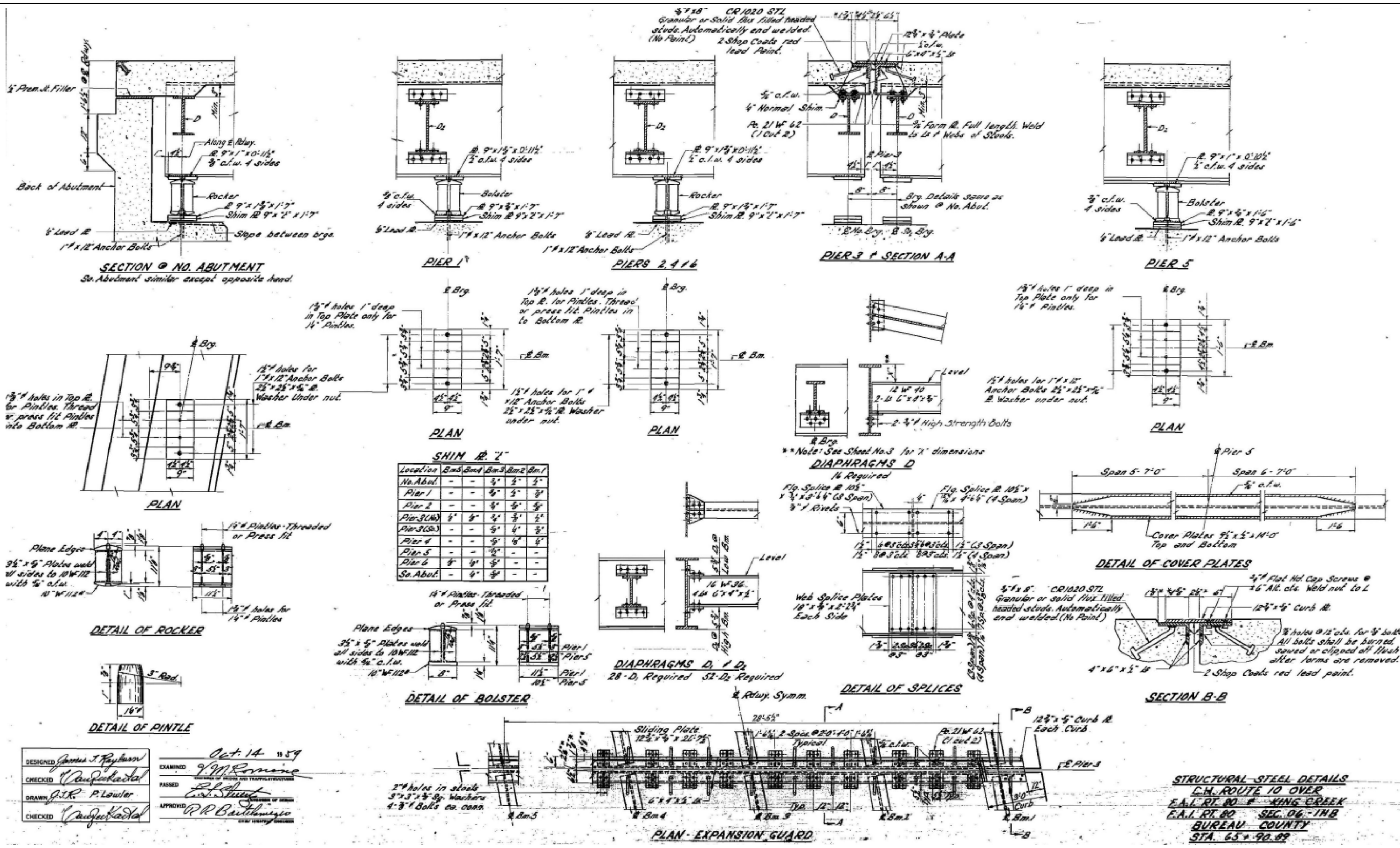
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PLOT DATE = 10/16/2017	DATE - 8/3/2017	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1HB)BP	BUREAU	13	8
CONTRACT NO. 66H74				
ILLINOIS FED. AID PROJECT				



DESIGNED *James J. Rayburn*
 CHECKED *W. J. K. P. Lawler*
 DRAWN *J. J. R. P. Lawler*
 CHECKED *W. J. K. P. Lawler*

EXAMINED *Oct 14 1959*
W. M. Romine
 PASSED *E. J. Shurt*
 APPROVED *R. R. Bartholomew*

FOR INFORMATION ONLY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE DETAILS
FOR INFORMATION ONLY

STRUCTURAL STEEL DETAILS
 C.H. ROUTE 10 OVER
 E.A.I. RT. 80 - KING CREEK
 E.A.I. RT. 80 - SEC. 06-11B
 BUREAU COUNTY
 STA. 65+90.89

USER NAME = woodshankr	DESIGNED - TP	REVISED -	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100,000' / in.	DRAWN - TP	REVISED -	80	(06-11B)BP	BUREAU	13	13
PLOT DATE = 10/13/2017	CHECKED - RW	REVISED -	SCALE: _____ SHEET 4 OF 4 SHEETS		STA. _____ TO STA. _____		CONTRACT NO. 66H74
	DATE - 8/3/2017	REVISED -	ILLINOIS FED. AID PROJECT				