02-28-14 LETTING ITEM 069

### INDEX OF SHEETS

COVER SHEET GENERAL NOTES

0

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0

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SUMMARY OF QUANTITIES

TYPICAL SECTIONS

TRAFFIC CONTROL AND PROTECTION STANDARD 701400 (SPECIAL)
TRAFFIC CONTROL AND PROTECTION STANDARD 701402 (SPECIAL)

TYPICAL PAVEMENT MARKINGS EXISTING STRUCTURE PLANS

#### **STANDARDS**

000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS 001006 DECIMAL OF AN INCH AND OF A FOOT

REFLECTOR MARKER AND MOUNTING DETAILS 635011-02

OFF-ROAD OPERATIONS MULTILANE, 15' (4.5m) TO 24" (600m)

701106-02

FROM PAVEMENT EDGE
OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5m) AWAY LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, 701426-96

FOR SPEEDS 2 45 MPH

701901-03 TRAFFIC CONTROL DEVICES 704001-07 TEMPORARY CONCRETE BARRIER

## STATE OF ILLINOIS

# DEPARTMENT OF TRANSPORTATION

**DIVISION OF HIGHWAYS** 

# **PROPOSED** HIGHWAY PLANS

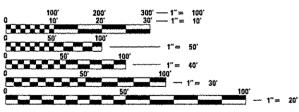
F.A.I. ROUTE 57 (I-57) SECTION (38-5VB)BP

CLEANING AND PAINTING STRUCTURAL STEEL STRUCTURE NO.'S 038-0005 (NB) AND 038-0006 (SB) **IROQUOIS COUNTY** 

C-93-110-13

### PROJECT LOCATION

SN: 038-0005 (NB) AND SN: 038-0006 (SB) CARRYING FAI 57 (I-57) OVER T.P. & W. RR STA, 592 + 77.57



ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

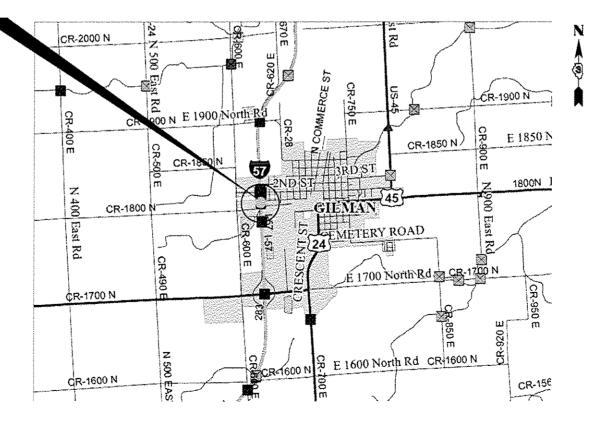
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

DISTRICT 3 NO. (815) 434-6131

PROJECT ENGINEER: JOE KANNEL, P.E.

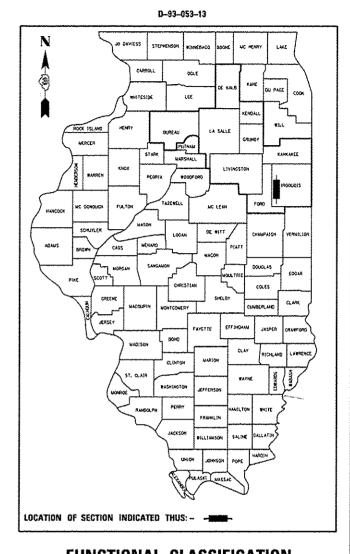
**UNIT CHIEF: RON WOODSHANK** TOWNSHIP: DOUGLAS

**CONTRACT NO. 66D10** 



LOCATION MAP NOT TO SCALE **POINT LOCATION** 

(38-5V8)8P IROQUOIS 9 1 CONTRACT NO. 66010



#### **FUNCTIONAL CLASSIFICATION** URBAN INTERSTATE FAI 57 (I-57) 2011 ADT = 1550 P.V. = 89.03% M.U. = 3.23%

S.U. = 7.74%

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

### **GENERAL NOTES**

THE CONTRACTOR SHALL NOT CLOSE A LANE IN THE EASTBOUND AND WESTBOUND TRAFFIC LANES AT THE SAME TIME UNLESS APPROVED IN WRITING BY THE ENGINEER.

AS PER ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS WHENEVER PUBLIC OR PRIVATE PROPERTY IS DAMAGE OR DESTROYED DUE TO THE OPERATIONS OF THE CONTRACTOR, THE CONTRACTOR SHALL, AT NO ADDITIONAL COST TO THE DEPARTMENT, RESTORE SUCH PROPERTY TO A CONDITION EQUAL TO THE EXISTING BEFORE SUCH DAMAGE OR INJURY WAS DONE BY REPAIRING, REBUILDING, OR REPLACING IT AS MAY BE DIRECTED, OR THE CONTRACTOR SHALL OTHERWISE MAKE GOOD SUCH DAMAGE OR DESTRUCTION IN AN ACCEPTABLE MANNER.

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

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

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE "JULIE" NUMBER IS 1-800-892-0123. A MINIMUM OF FORTY-EIGHT (48) HOURS ADVANCE NOTICE IS REQUIRED.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED ON THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

COMMITMENTS

NONE.

PREPARED BY:

DISTRICT STUDIES & PLANS ENGINEER

EXAMINED BY:

DISTRICT CONSTRUCTION ENGINEER

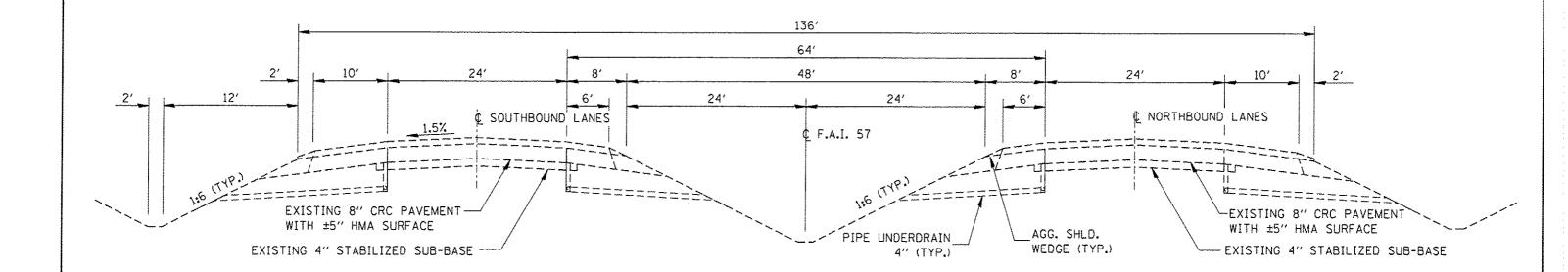
DISTRICT MATERIALS ENGINEER

DISTRICT OPERATIONS ENGINEER

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:	PLOT SCALE * 188.8988 */ In-	CHECKED - Y PATEL	REVISED -	DEPARTMENT OF TRANSPORTATION	COLLE HOUSE CUSTS NO 1 OF 1 CHEETE CTA TO STA		CONTRACT NO. 66D10
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			CONSTR. CODE
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			STRUCTURE
	74 PC 1110 A	TOTAL	0014
ITEM	UNIT	QUANTITY	RURAL
MOBILIZATION	L SUM	1	1
TEMPORARY CONCRETE BARRIER	FOOT	365	365
RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1095	1095
IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	1	1
IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	3	3
MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	1000	1000
PAVEMENT MARKING REMOVAL	SQ FT	500	500
BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 1	L SUM	1	1
BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 2	L SUM	1	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL)	EACH	2	2
CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1	1
CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 2	L SUM	1	1
CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1	1
CLEANING AND PAINTING STEEL BRIDGE NO. 2	L SUM	1	1
RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1
	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3  IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3  MODIFIED URETHANE PAVEMENT MARKING - LINE 6"  PAVEMENT MARKING REMOVAL  BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 1  BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 2  TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL)  CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1  CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 2  CLEANING AND PAINTING STEEL BRIDGE NO. 2	MOBILIZATION  TEMPORARY CONCRETE BARRIER  FOOT  RELOCATE TEMPORARY CONCRETE BARRIER  FOOT  IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3  EACH  IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3  EACH  MODIFIED URETHANE PAVEMENT MARKING - LINE 6"  FOOT  PAVEMENT MARKING REMOVAL  BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 1  L SUM  TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL)  EACH  CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1  L SUM  CLEANING AND PAINTING STEEL BRIDGE NO. 1  L SUM  CLEANING AND PAINTING STEEL BRIDGE NO. 2  L SUM  CLEANING AND PAINTING STEEL BRIDGE NO. 2	MOBILIZATION  TEMPORARY CONCRETE BARRIER  FOOT 365  RELOCATE TEMPORARY CONCRETE BARRIER  FOOT 1095  IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3  EACH 1  IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3  MODIFIED URETHANE PAVEMENT MARKING - LINE 6"  FOOT 1000  PAVEMENT MARKING REMOVAL  BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 1  BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 2  L SUM 1  TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL)  CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1  CLEANING AND PAINTING STEEL BRIDGE NO. 1  CLEANING AND PAINTING STEEL BRIDGE NO. 1  CLEANING AND PAINTING STEEL BRIDGE NO. 2  L SUM 1  CLEANING AND PAINTING STEEL BRIDGE NO. 2

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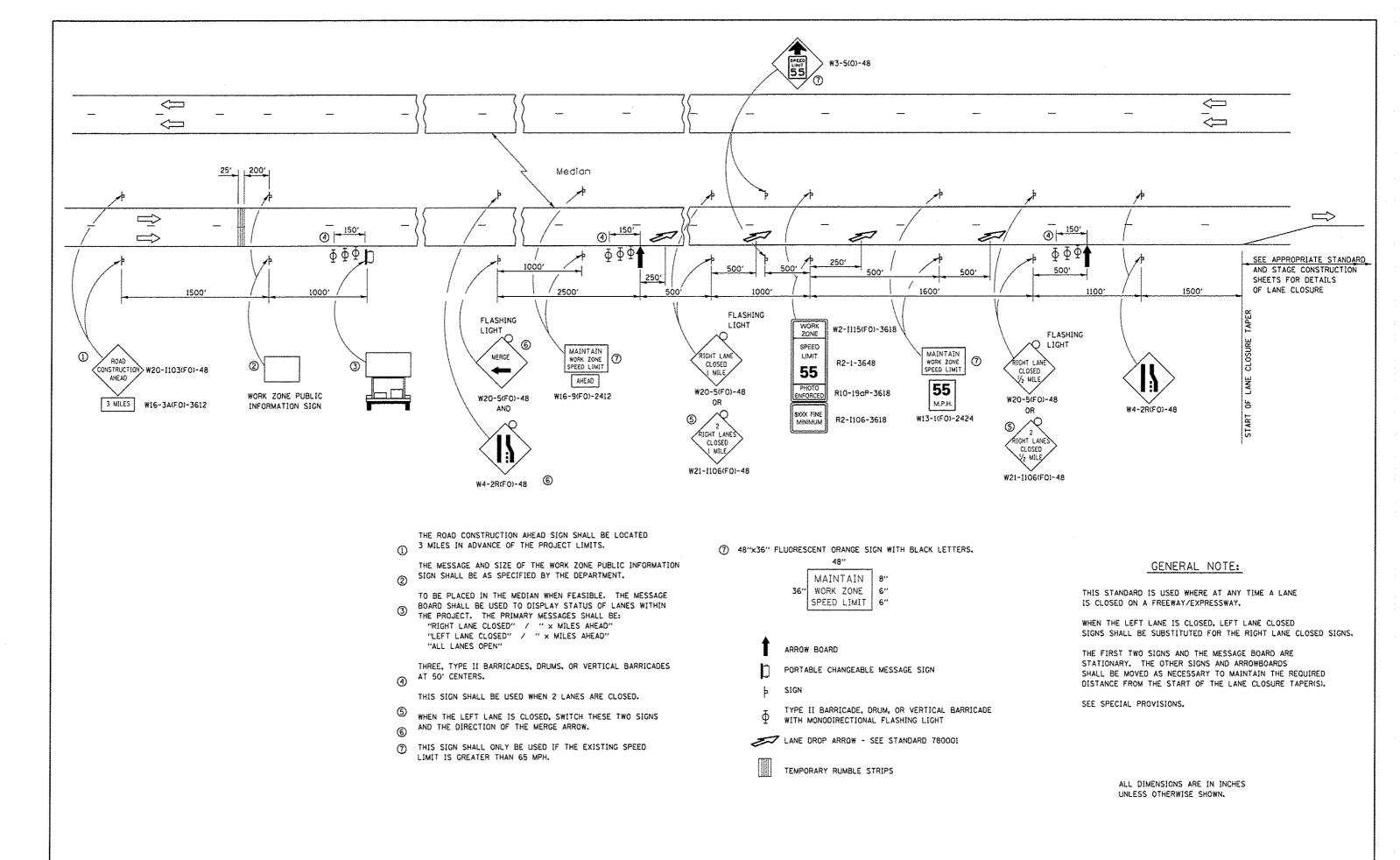


# TYPICAL SECTION

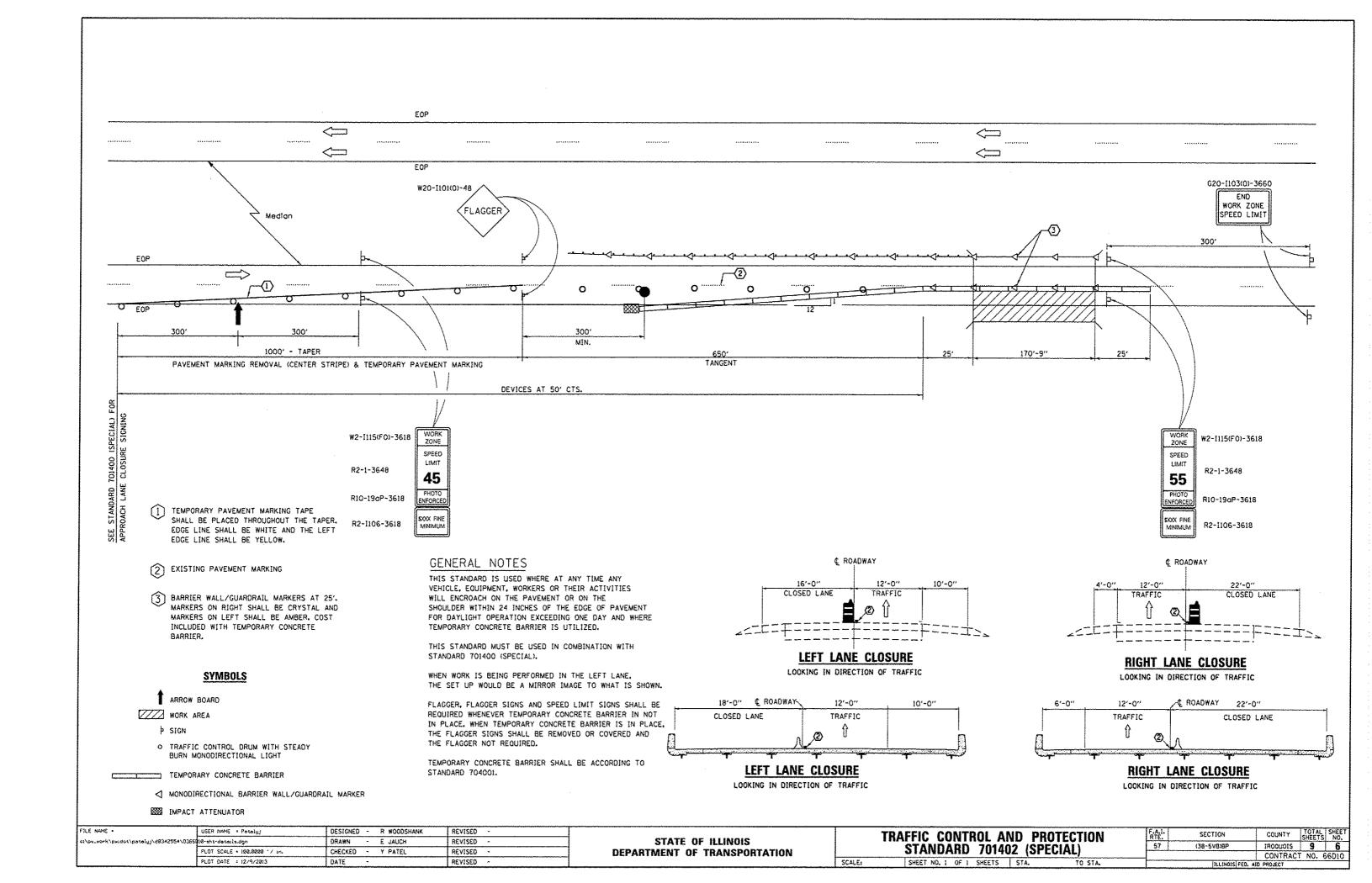
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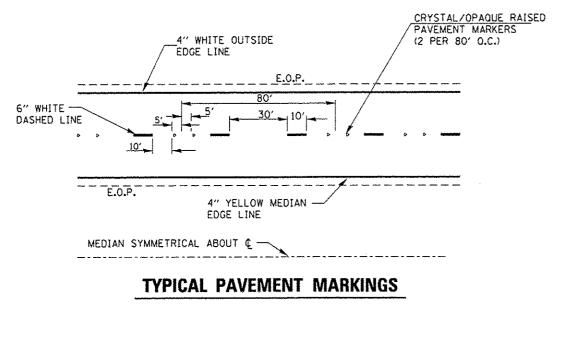
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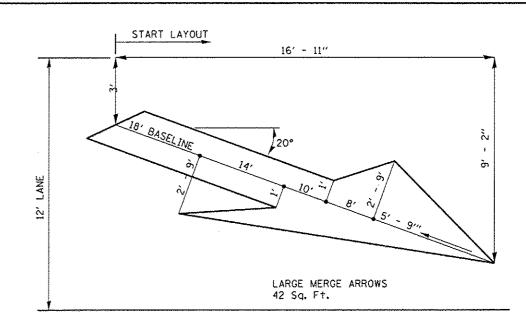
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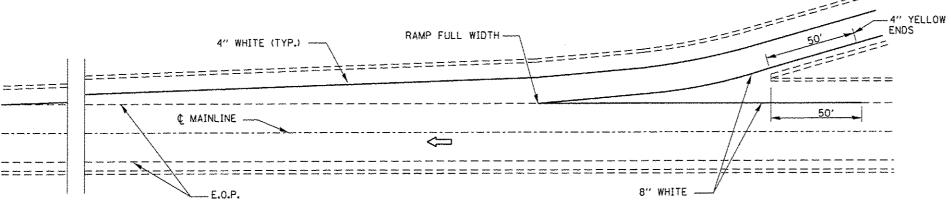
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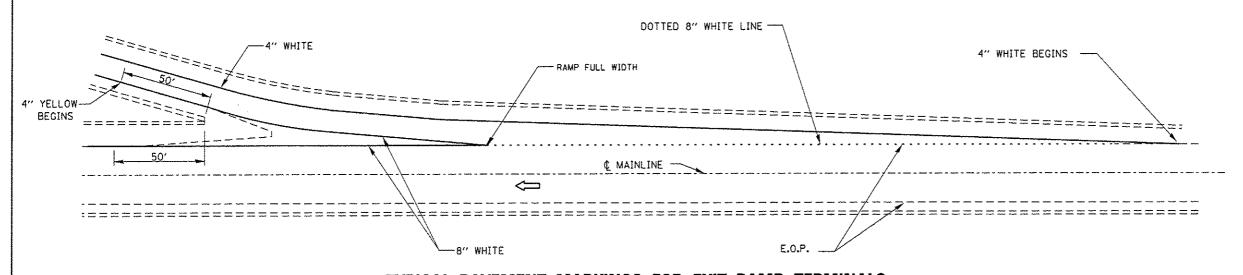




### LANE DROP ARROW

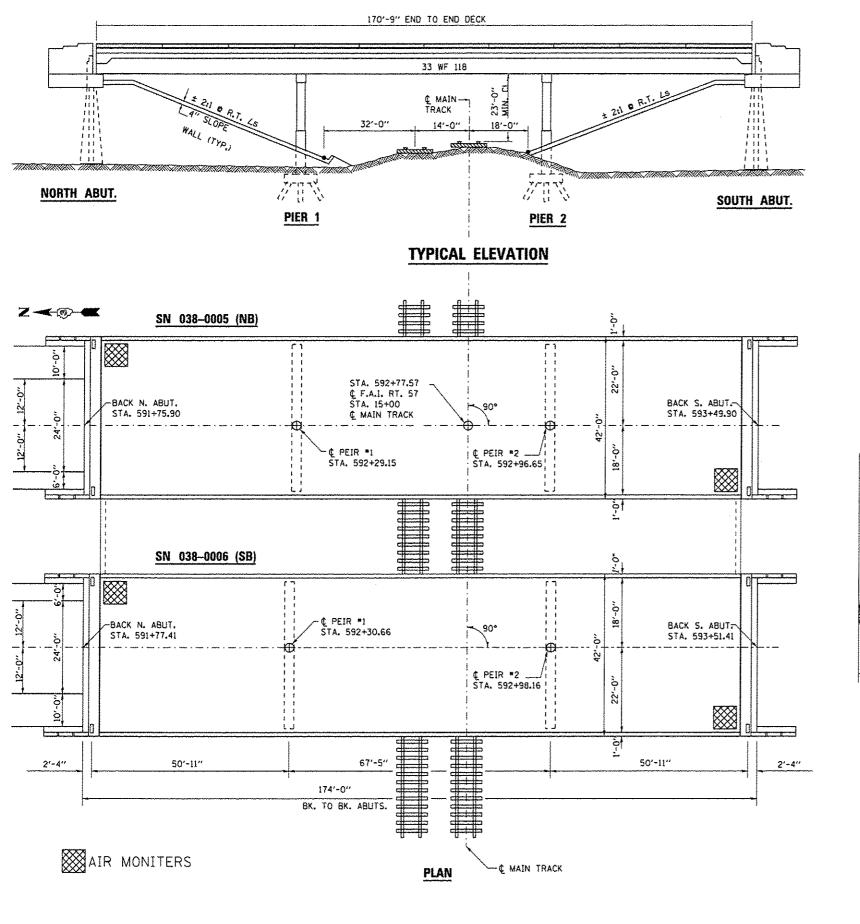


### TYPICAL PAVEMENT MARKING FOR ENTRANCE RAMP TERMINALS



# TYPICAL PAVEMENT MARKINGS FOR EXIT RAMP TERMINALS

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#### GENERAL NOTE:

SN 038-0005 IS LOCATION 1 AND SN 038-0006 IS LOCATION 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 LEAD PAINT REDIDUE HAS REMOVED THE WASTE MATERIAL FROM THE JOB SITE ACCORDING TO ALL FEDERAL, STATE AND LOCAL

LAWS AND ORDINANCES. IF THE CONTRACTOR/SUBCONTRACTOR LICENSED TO DISPOSE OF LEAD PAINT RESIDUE FAILS TO DISPOSE OF 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 THE PAINT RESIDUES HAVE BEEN PROPERLY DISPOSED OF.

THE SSPC-QPI AND SSPC-QP2 "PAINTING CONTRACTOR CERTIFICATIONS" WILL BE REQUIRED FOR THIS PROJECT.

BE REQUIRED FOR THIS PROJECT.

CLEANING AND PAINTING OF THE EXISTING STRUCTURAL STEEL

SHALL BE AS SPECIFIED IN THE SPECIAL PROVISION FOR "CLEANING

AND PAINTING EXISTING STEEL STRUCTURES". ALL EXTERIOR AND

INTERIOR SURFACES OF THE BEAMS, DIAPHRAGMS, BEARING

ASSEMBLIES AND ALL OTHER ASSOCIATED STEEL COMPONENTS

SHALL BE CLEANED PER "NEAR WHITE BLAST CLEANING - SSPC-SP10,

ALL EXISTING STEEL SHALL BE PAINTED ACCORDING TO THE

REQUIREMENTS OF "PAINT SYSTEM 1 - OZ/E/U, THE COLOR OF THE

FINAL FINISH COAT FOR ALL INTERIOR STEEL SURFACES SHALL BE

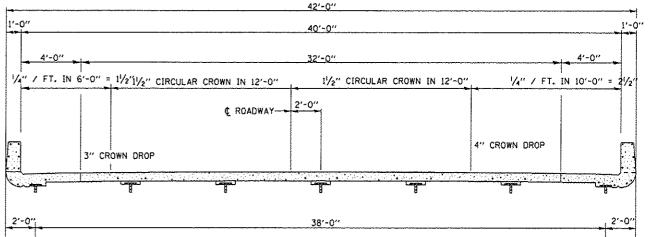
"GRAY, MUNSELL NO. 5B 7/1". THE COLOR OF THE FINAL FINISH COAT

FOR THE EXTERIOR, BOTTOM FLANGE AND BEARING ASSEMBLIES OF

THE FASCIA BEAMS SHALL BE "GREEN, MUNSELL NO. 7.5G 4/8.

THE CONTRACTOR SHALL FURNISH AND INSTALL A MINIMUM OF TWO (2) AIR MONITOR

THE CONTRACTOR SHALL FURNISH AND INSTALL A MINIMUM OF TWO (2) AIR MONITORS FOR THIS PROJECT TO MONITOR ABRASIVE BLASTING AT THIS SITE. SEE SPECIAL PROVISION FOR "CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES".



### TYPICAL CROSS SECTION

### TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1		1
CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1		1
BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 1	L SUM	1		1
CLEANING AND PAINTING STEEL BRIDGE NO. 2	L SUM	1		1
CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 2	L SUM	1		1
BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 2	L SUM	1		1

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	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	57	(38-5VB)8P	IROQUOIS	9	8
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