

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5,6,7,8,9)-3	IROQUOIS	8	1
		ILLINOIS	CONTRACT NO. 66F64	

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES AND COMMITMENTS
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5 SCHEDULES
- 6 LAYOUT MAP
- 7-8 DETAILS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

- 000001-06 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) FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
- 701401-10 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701426-09 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
- 701901-06 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

PROPOSED
HIGHWAY PLANS

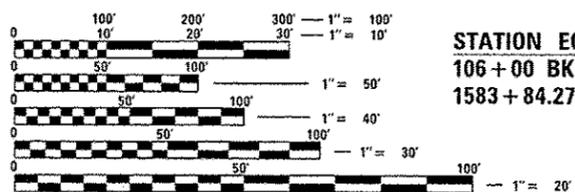
FAI ROUTE 57 (I-57)
SECTION (38-5,6,7,8,9)I-3

MICROSURFACING CENTERLINE (SB ONLY)
IROQUOIS COUNTY

C-93-104-16



FUNCTIONAL CLASSIFICATION - INTERSTATE
2015 ADT = 15,100
P.V. = 64.23%
S.U. = 4.64%
M.U. = 31.13%

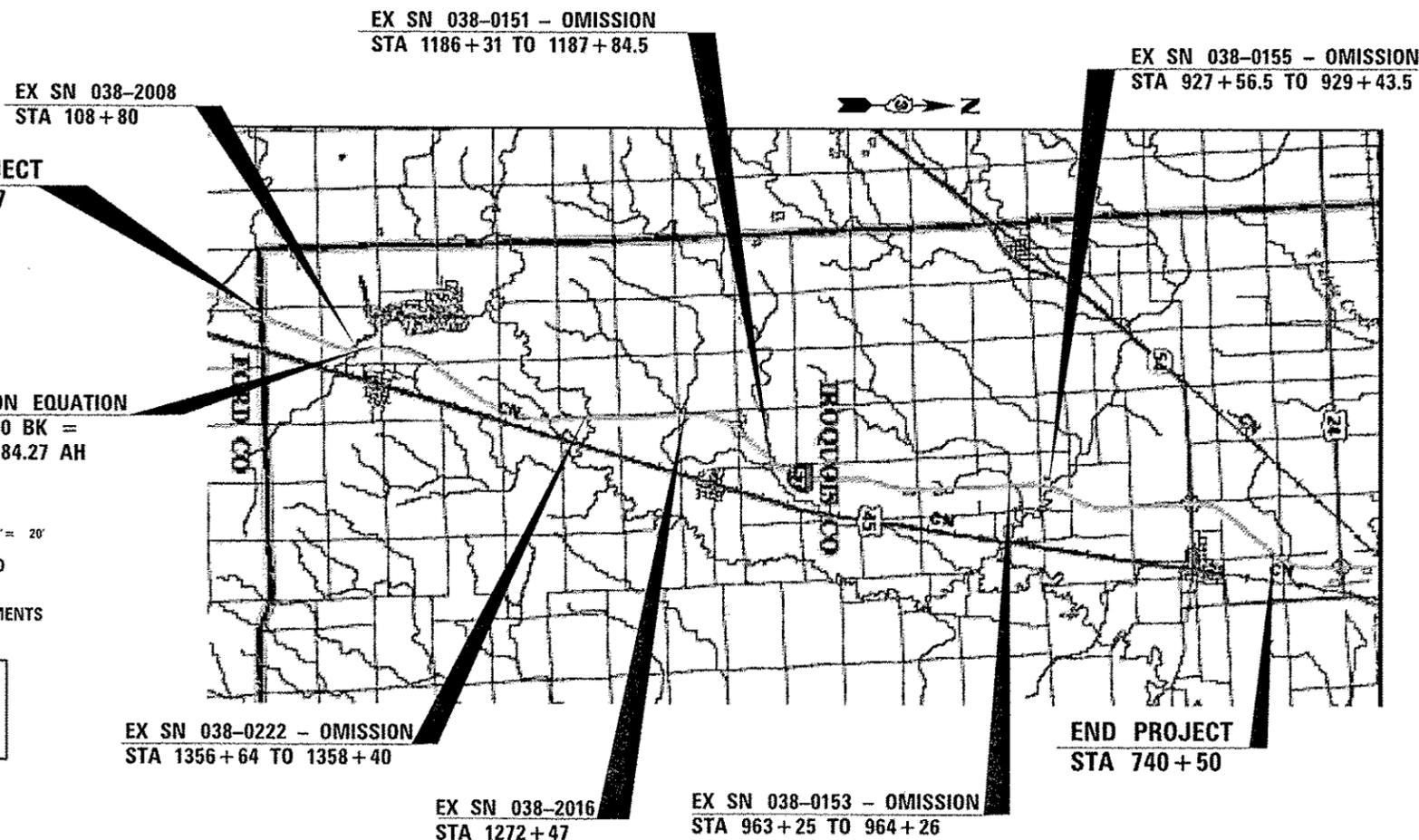


STATION EQUATION
106+00 BK =
1583+84.27 AH

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, PE
UNIT CHIEF: MICHELE LINDEMANN, PE
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66F64



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Oct. 13 2016
[Signature]
REGIONAL ENGINEER

Dec 9 2016
Maureen M. Addis, PE
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 9 2016
[Signature]
DIRECTOR OF PROGRAM DEVELOPMENT

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OF THE STATE OF ILLINOIS

GROSS LENGTH = 93871.27 FT. = 17.779 MILE
NET LENGTH = 93253.77 FT. = 17.662 MILE

GENERAL NOTES

COMMITMENTS

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE MICRO-SURFACING AND WHEN THE ROADWAY WILL BE OPENED TO TRAFFIC.

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 AGGREGATES FOR THE SURFACE LIFT OF MICRO-SURFACING SHALL MEET THE FRICTION AGGREGATE REQUIREMENTS FOR MIXTURE D IN ARTICLE 1004.03(a).

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

MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
MICRO-SURFACING, SINGLE PASS	20	LBS / SQ YD

ONLY THE PASSING LANE IS TO BE CLOSED FOR THE CENTERLINE WORK.

THE TEMPORARY PAVEMENT MARKING SHALL BE PLACED 3' OFF THE CENTERLINE IN DRIVING LANE PRIOR TO REMOVING EXISTING LINE.

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

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: Dave Broviak
DISTRICT STUDIES & PLANS ENGINEER

DATE: 10/13/2016

EXAMINED BY: [Signature]
DISTRICT CONSTRUCTION ENGINEER

[Signature]
DISTRICT MATERIALS ENGINEER

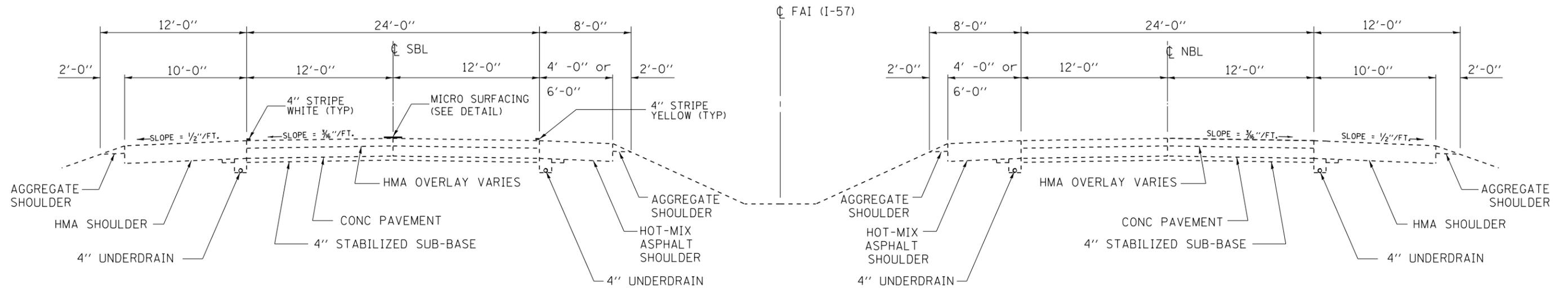
[Signature]
DISTRICT OPERATIONS ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

FILE NAME *	USER NAME * JULIMISA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\awork\p\idat\juliansa\0478629\036	FD4-shi-details.dgn	DRAWN -	REVISED -			57	138-5.6,7,8,9I-3		8	2	
#MODELNAME#	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -			CONTRACT NO. 66F64		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 10/12/2016	DATE -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.			

WORK ONLY ON SOUTHBOUND LANES

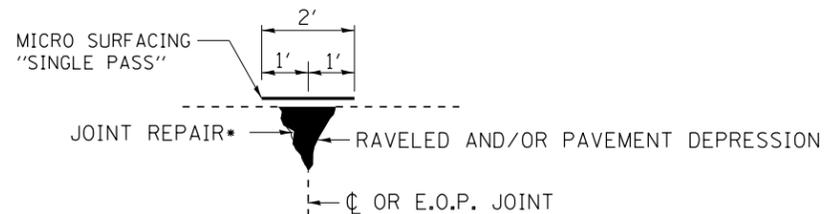


TYPICAL SECTION F.A.I. 57

STA 201+37 TO STA 740+50

OMISSION:
 SN 038-0222
 STA 1356+64 TO STA 1358+40
 SN 038-0151
 STA 1186+31 TO 1187+84.5
 SN 038-0153
 STA 963+25 TO 964+26
 SN 038-0155
 STA 927+56.5 TO 929+43.5

STATION EQUATIONS:
 106+00 BK = 1583+84.27 AH



MICRO-SURFACING DETAIL

* FIBER-MODIFIED ASPHALT CRACK SEALING

NOTES

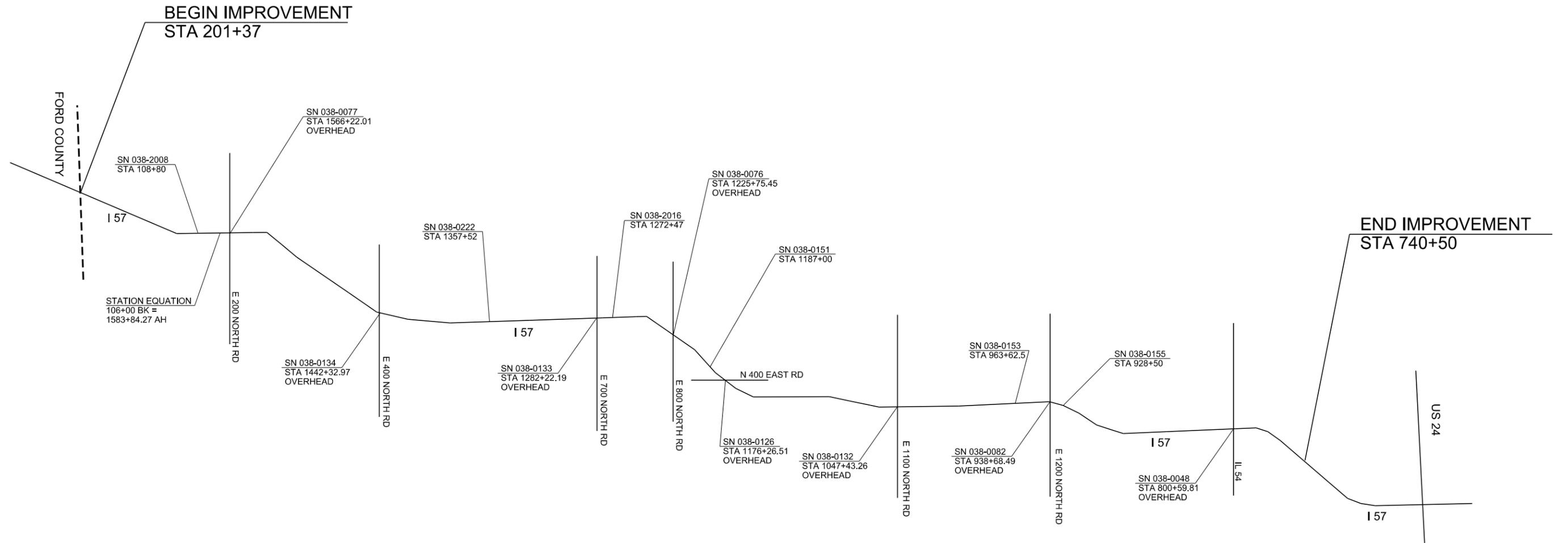
- 1) MICRO-SURFACING SHALL BE LOCATED AT THE CENTERLINE OF PAVEMENT JOINT. ACTUAL LOCATIONS SHALL BE FIELD DETERMINED BY THE ENGINEER PRIOR TO THE CONTRACTOR BEGINNING HIS/HER CONSTRUCTION OPERATIONS.
- 2) THE TEMPORARY STRIPING SHALL BE OFFSET 3' FROM THE CENTERLINE, IN THE DRIVING LANE.
- 3) OFFSET OF THE PERMANENT CENTERLINE PAVEMENT STRIPING SHALL BE FIELD DETERMINED BY THE ENGINEER.

FILE NAME =	USER NAME = corcoranm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / in.		DATE -	REVISED -		CONTRACT NO. 66F64			ILLINOIS FED. AID PROJECT				
PLOT DATE = 10/12/2016					SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	

MAINLINE													
LOCATION	DESCRIPTION	LENGTH	TEMP PVMT MARKING LINE 6"	POLYUREA PVMT MARK - LINE 4"		POLYUREA PVMT MARK - LINE 6"	PVMT MARKING REMOVAL WATERBLASTING SQ FT	MICRO- SURFACING SINGLE PASS TYPE II MIX D SQ YD	MIX FOR CRACKS, JOINTS, & FLANGEWAYS TON	FIBER MOD. ASPHALT CRACK SEALING FOOT	BITUMINOUS MATERIALS (TACK COAT) POUND	RAISED REFLECTIVE PVMT MARKER EACH	RAISED REFL PVMT MARKER REMOVAL EACH
				WHITE	YELLOW	WHITE							
		FOOT	FOOT	FOOT	FOOT	FOOT							
SOUTHBOUND:													
740+50 TO 927+56.5		18706.5	4677	18706.5	18706.5	4677	4677	4157	1.25	18707	935	468	468
927+56.5 TO 929+43.5	OMIT SN 038-0155	187		187	187	47							
929+43.5 TO 963+25		3381.5	845	3381.5	3381.5	845	845	751.4	0.23	3382	169	85	85
963+25 TO 964+26	OMIT SN 038-0153	101		101	101	25							
964+26 TO 1186+31		22205	5551	22205	22205	5551	5551	4934.4	1.48	22205	1110	555	555
1186+31 TO 1187+84.5	OMIT SN 038-0151	153.5		153.5	153.5	38							
1187+84.5 TO 1356+64		16879.5	4220	16879.5	16879.5	4220	4220	3751	1.13	16880	844	422	422
1356+64 TO 1358+40	OMIT SN 038-0222	176		176	176	44							
1358+40 TO 1583+84.27		22544.27	5636	22544.3	22544.3	5636	5636	5009.8	1.50	22544	1127	564	564
106+00 BK = 1583+84.27 AH	STA EON												
106+00 TO 201+37		9537	2384	9537	9537	2384	2384	2119.3	0.64	9537	477	238	238
SUBTOTAL				93871.3	93871.3								
TOTAL			23313	187743		23467	23313	20722.9	6.23	93255	4662	2332	2332

NOTE: THIS INCLUDES EDGE LINE REPLACEMENT FOR THE ENTIRE LENGTH OF THE JOB.

FILE NAME =	USER NAME = corcoranlm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / in.		DATE -	REVISED -		CONTRACT NO. 66F64								
PLOT DATE = 10/12/2016					SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	



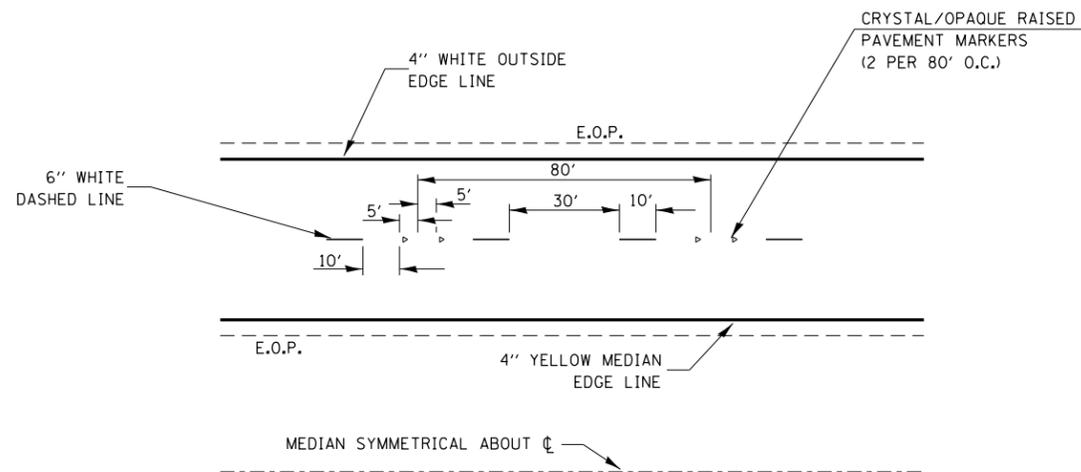
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

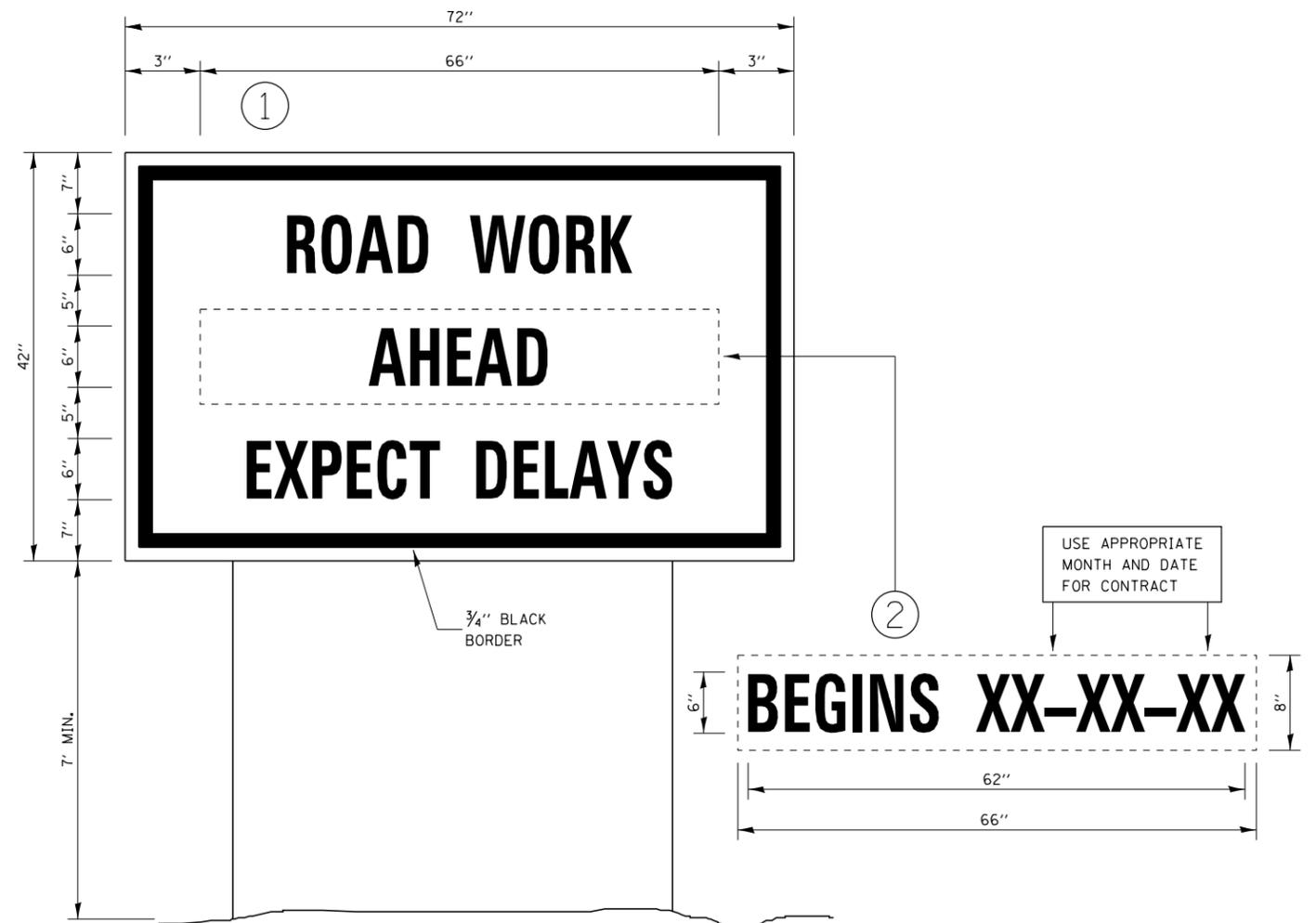
PROJECT LAYOUT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5,6,7,8,9)1-3	IROQUOIS	8	6
CONTRACT NO. 66F64			ILLINOIS FED. AID PROJECT	



TYPICAL PAVEMENT MARKINGS



TEMPORARY INFORMATION SIGNING

NOTES:

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER 50 FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 50 FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

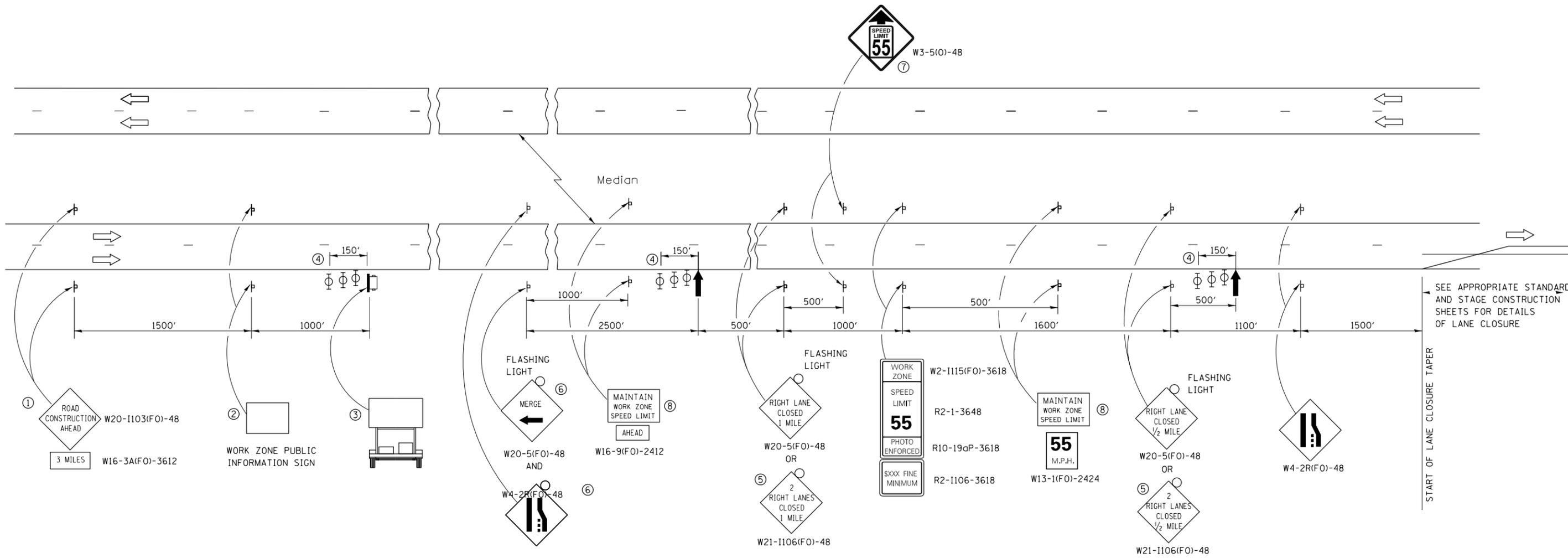
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

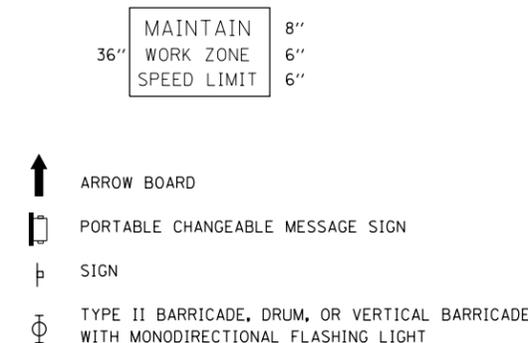
DETAILS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-5,6,7,8,9)1-3	IROQUOIS	8	7
CONTRACT NO. 66F64			ILLINOIS FED. AID PROJECT	



- ① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 MILES IN ADVANCE OF THE PROJECT LIMITS.
- ② THE MESSAGE AND SIZE OF THE WORK ZONE PUBLIC INFORMATION SIGN SHALL BE AS SPECIFIED BY THE DEPARTMENT.
- ③ TO BE PLACED IN THE MEDIAN WHEN FEASIBLE. THE MESSAGE BOARD SHALL BE USED TO DISPLAY STATUS OF LANES WITHIN THE PROJECT. THE PRIMARY MESSAGES SHALL BE:
 "RIGHT LANE CLOSED" / " x MILES AHEAD"
 "LEFT LANE CLOSED" / " x MILES AHEAD"
 "ALL LANES OPEN"
- ④ THREE, TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 50' CENTERS.
- ⑤ THIS SIGN SHALL BE USED WHEN 2 LANES ARE CLOSED.
- ⑥ WHEN THE LEFT LANE IS CLOSED, SWITCH THESE TWO SIGNS AND THE DIRECTION OF THE MERGE ARROW.
- ⑦ THIS SIGN SHALL ONLY BE USED IF THE EXISTING SPEED LIMIT IS GREATER THAN 65 MPH.
- ⑧ 48"x36" FLUORESCENT ORANGE SIGN WITH BLACK LETTERS.
48"



- ↑ ARROW BOARD
- ☐ PORTABLE CHANGEABLE MESSAGE SIGN
- ⊥ SIGN
- ⊕ TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT

GENERAL NOTE:

THIS STANDARD IS USED WHERE AT ANY TIME A LANE IS CLOSED ON A FREEWAY/EXPRESSWAY.

WHEN THE LEFT LANE IS CLOSED, LEFT LANE CLOSED SIGNS SHALL BE SUBSTITUTED FOR THE RIGHT LANE CLOSED SIGNS.

THE FIRST TWO SIGNS AND THE MESSAGE BOARD ARE STATIONARY. THE OTHER SIGNS AND ARROWBOARDS SHALL BE MOVED AS NECESSARY TO MAINTAIN THE REQUIRED DISTANCE FROM THE START OF THE LANE CLOSURE TAPER(S).

SEE SPECIAL PROVISIONS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = corcoranim	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STANDARD 701400 (SPECIAL)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 100.0000' / 1" =		DATE -	REVISED -			CONTRACT NO. 66F64					
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