

**INDEX OF SHEETS**

04-27-2018 LETTING ITEM 130

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3-4 SUMMARY OF QUANTITIES
- 5 TYPICAL SECTIONS
- 6 SCHEDULES
- 7 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
701401-11	LANE CLOSURE, FREEWAY/EXPRESSWAY
701426-09	LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
701901-07	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**PROPOSED  
HIGHWAY PLANS**

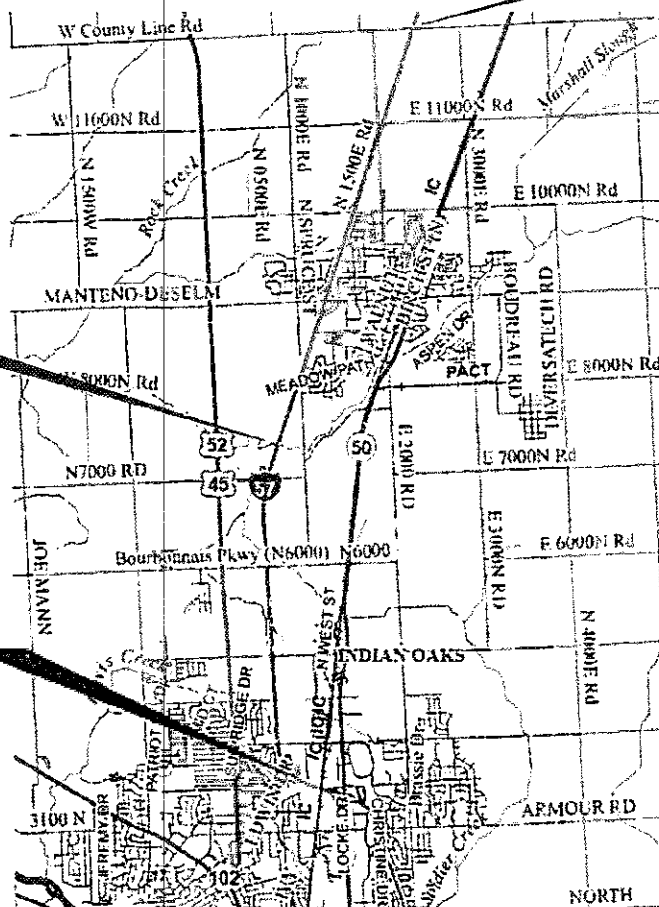
**FAI 57 (I-57)  
SECTION D3 MICROSURF JT REPAIR 2018-2  
PROJECT NHPP-OEUU(051)  
CL MICROSURFACING JOINT REPAIR  
KANKAKEE COUNTY**

C-93-036-18

PROJECT ENDS WILL/KANKAKEE  
COUNTY LINE STA 818+00

SN 046-0018 & SN 046-0019  
OMISSION

PROJECT BEGINS  
STA 345+22

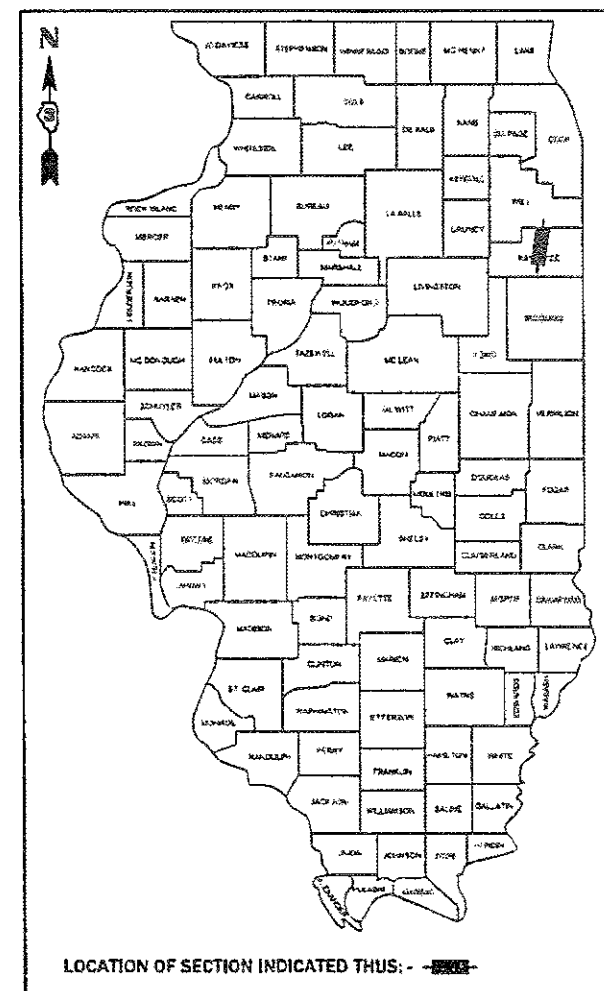


GROSS LENGTH = 47,278 FT. = 8.954 MILE  
NET LENGTH = 32,075.84 FT. = 6.075 MILE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		KANKAKEE	7	1

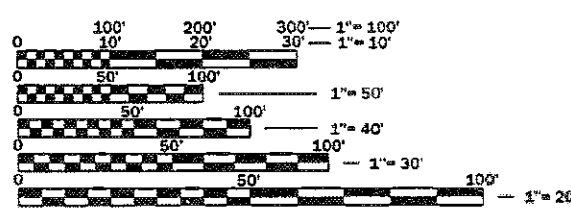
\*D3 MICROSURF JT REPAIR 2018-2

D-93-037-18



LOCATION OF SECTION INDICATED THIS: - [highlighted area] -

FUNCTIONAL CLASSIFICATION - INTERSTATE  
2015 ADT = 32,600  
P.V. = 76.4%  
S.U. = 5.5%  
M.U. = 18.1%



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: DAVE ALEXANDER, PE  
UNIT CHIEF: DARCY CARPENTER  
DISTRICT 3 NO. (815) 434-6131  
CONTRACT NO. 66H98

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED Dec 14 2017  
K Marshall  
REGIONAL ENGINEER

Mar 23 2018  
[Signature]  
ENGINEER OF DESIGN AND ENVIRONMENT

Mar 23 2018  
[Signature]  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

**GENERAL NOTES**

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: Tom Bauril  
DISTRICT STUDIES & PLANS ENGINEER

DATE: 12-14-17

EXAMINED BY: [Signature]  
DISTRICT CONSTRUCTION ENGINEER

Michael A. Sht  
DISTRICT MATERIALS ENGINEER

[Signature]  
DISTRICT OPERATIONS ENGINEER

\* D3 MICROSURF JT REPAIR 2018-2

FILE NAME *	USER NAME * carjordan	DESIGNED -	REVISED *
Path: \\SME\BID\TEC\Bids\gov\PMDOT\Documents\DOT Office\District 3\Projects\0366\H99\CADD\Info\0366H99-As-Built		DRAWN -	REVISED *
Default	PLOT SCALE * 100.0000 1/in.	CHECKED -	REVISED *
	PLOT DATE * 12/13/2017	DATE -	REVISED *

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: _____	SHEET _____	OF _____	SHEETS	STA. _____	TO STA. _____	F.A.I. RTE. 57	SECTION	COUNTY KANKAKEE	TOTAL SHEETS 7	SHEET NO. 2
CONTRACT NO. 66H98										
ILLINOIS FED. AID PROJECT										



CONSTR. CODE

90/10 FEP /ST

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				RURAL
X7010805	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401 (SPECIAL)	L SUM	1	1
X7015005	CHANGEABLE MESSAGE SIGN	CAL DAY	80	80

2

\* SPECIALTY ITEMS

MODEL: Default  
FILE NAME: \\saul08rebid\nteg\_illinois.pwr\p\DOT\Documents\DOT\_Offices\District\_3\Projects\364H98\CAD\364H98\364H98-Sub-Cover.dgn

\* D3 MICROSURF JT REPAIR 2018-2

USER NAME = carpentendj	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 12/13/2017	DATE - _____	REVISED - _____

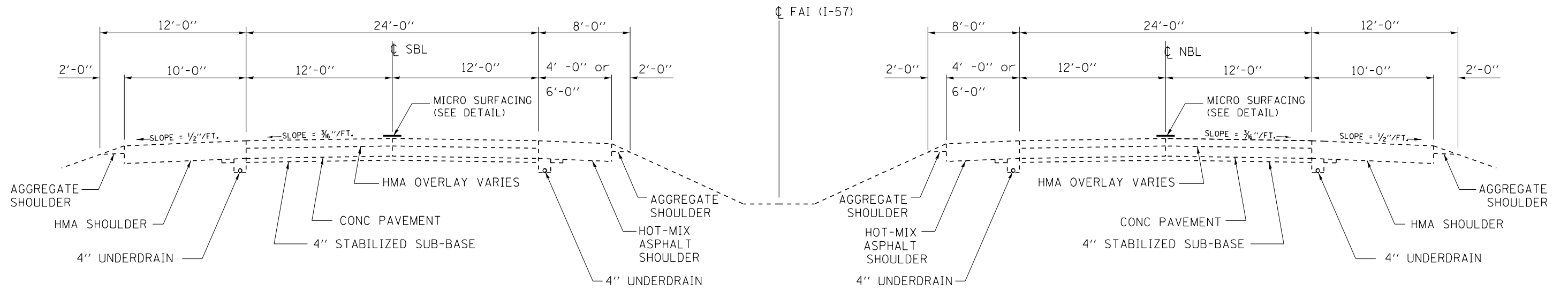
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

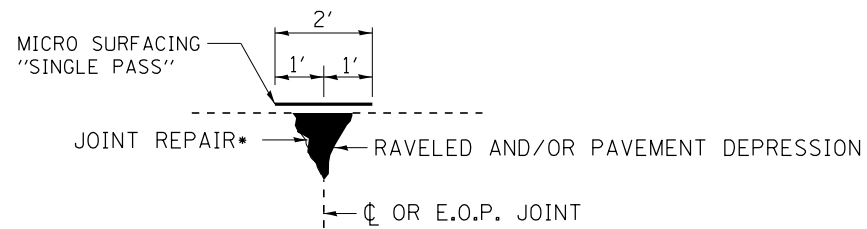
SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.I. RTE. 57	SECTION *	COUNTY KANKAKEE	TOTAL SHEETS 7	SHEET NO. 4
CONTRACT NO. 66H98				
ILLINOIS FED. AID PROJECT				

REV



**TYPICAL SECTION F. A. I. 57**



**MICRO-SURFACING DETAIL**

\* FIBER-MODIFIED ASPHALT CRACK SEALING

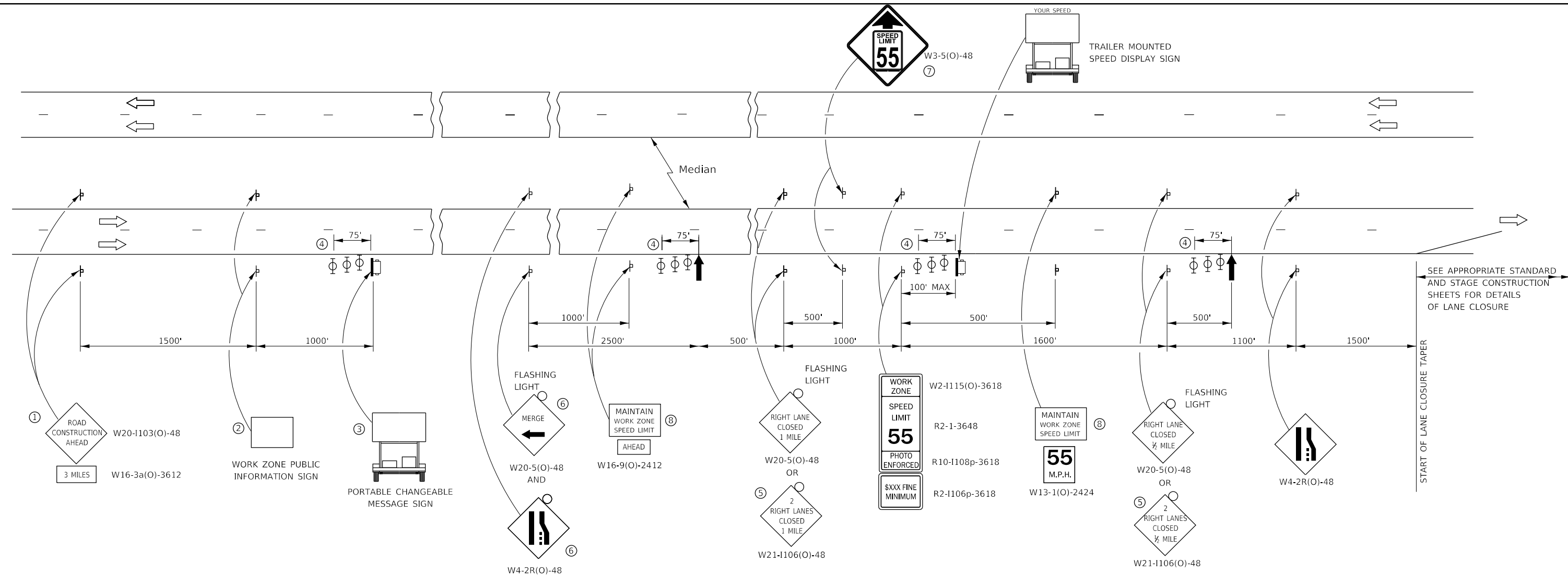
**NOTES**

- 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.

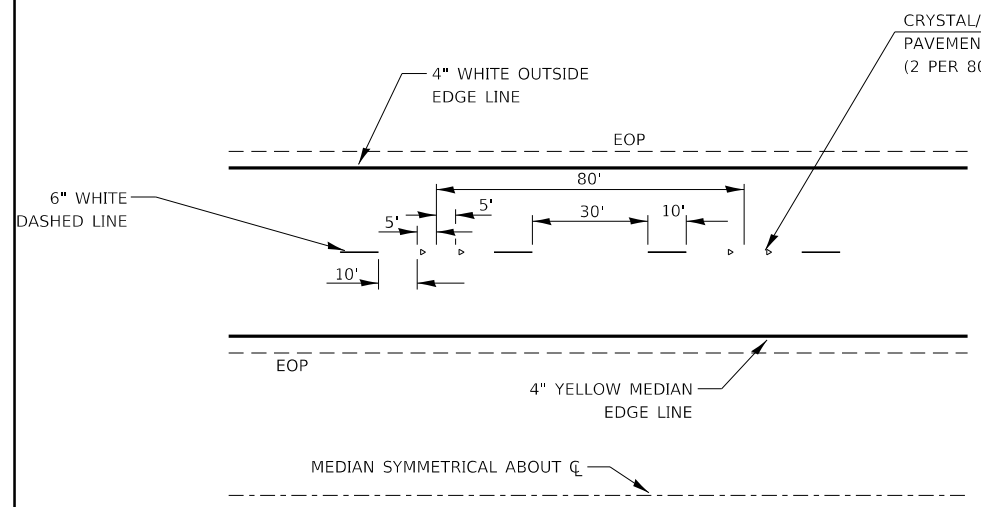
SB	NB
STA 345+22 TO 548+93.44 STA 549+94.52 TO 818+00	STA 345+22 TO 549+25.48 STA 550+26.56 TO 818+00
OMISSION: SN 046-0018 STA 548+93.44 TO STA 549+94.52	OMISSION: SN 046-0019 STA 549+25.48 TO STA 550+26.56
NEW PAVEMENT STA 438+00 TO 513+00	NEW PAVEMENT STA 438+00 TO 513+00

I-57 MAINLINE SCHEDULE (CENTERLINE ONLY)										
LOCATION STA. TO STA.	LENGTH	TEMP PVMT MARKING LINE 6"	POLYUREA PAVT MARK - LINE 6"	PVMT MARKING REMOVAL	MIX FOR CRACKS, JOINTS, & FLANGEWAYS	FIBER MOD. ASPHALT CRACK SEALING	BITUMINOUS MATERIALS (TACK COAT)	MICRO-SURFACING SINGLE PASS TYPE II MIX D	RAISED REFLECTIVE PVMT MARKER	RAISED REFL PVMT MARKER REMOVAL
	FT	FT	FT	SQ FT	TON	FT	POUND	SQ YD	EACH	EACH
NB										
345+22	438+00	9278	2320	2320	0.6	9278	464	2062	232	232
438+00	513+00	OMISSION NEW PAVT	1875	1875						
513+00	549+25.48	3625.48	906	906	0.2	3625	181	806	91	91
549+25.48	550+26.56	OMISSION SN 038-0019	25	25						
550+26.56	818+00	26773.44	6693	6693	1.8	26773	1339	5950	669	669
SB										
345+22	438+00	9278	2320	2320	0.6	9278	464	2062	232	232
438+00	513+00	OMISSION NEW PAVT	1875	1875						
513+00	549+25.48	3625.48	906	906	0.2	3625	181	806	91	91
548+93.44	549+94.52	OMISSION SN 038-0018	25	25						
549+94.52	818+00	26805.48	6701	6701	1.8	26805	1340	5957	670	670
TOTAL			23646	23646	5.2	79384	3969	17643	1985	1985

NOTE: RAISED REFLECTIVE PAVEMENT MARKERS WILL BE SPACED AT 2 PER 80 FEET IN ACCORDANCE WITH STANDARD 781001 MULTI LANE DIVIDED FOR DOUBLE LANE LINE MARKERS.



SEE APPROPRIATE STANDARD AND STAGE CONSTRUCTION SHEETS FOR DETAILS OF LANE CLOSURE



**TYPICAL PAVEMENT MARKINGS**

- 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 25' 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.