

108

03-08-2019 LETTING ITEM 108

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72A	19X, 84-10-1 & 2 & 3 CJS	SANGAMON	15	1
CONTRACT NO. 72K85				

FOR INDEX OF SHEETS, SEE SHEET NO. 2

**HIGHWAY CLASSIFICATION**

F.A.I. ROUTE 72A (I-72)  
CLASSIFICATION: INTERSTATE  
DESIGN SPEED: 75 MPH  
POSTED SPEED: 70 MPH

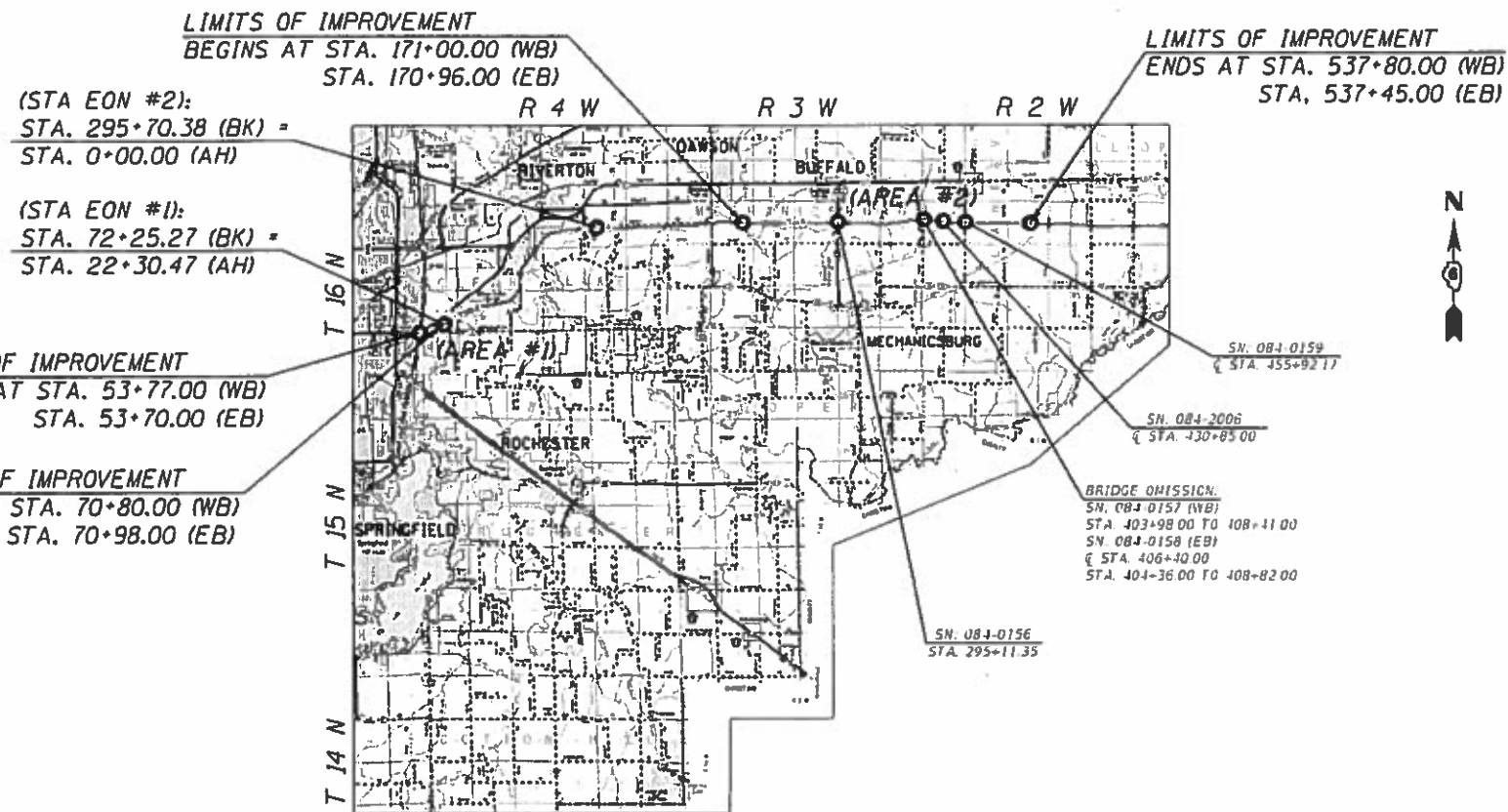
fr. I-55 to 0.4 Mi E

fr. 0.7 Mi E of Dawson Rd  
to 1.6 Mi E of Lanesville Rd

**PROPOSED  
HIGHWAY PLANS**

F.A.I. ROUTE 72A (I-72)  
SECTION (19X, 84-10-1 & 2 & 3) CJS  
PROJECT NHPP-A0BV(584)  
MICROSURFACE JOINT REPAIR  
SANGAMON COUNTY

C-96-005-19



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: JAY WAVERING (217) 785-9046  
PROJECT MANAGER: RENE CABRERA (217) 558-5140

GROSS LENGTH = 36,380.00 FT. = 7.27 MI.  
NET LENGTH = 37,936.00 FT. = 7.18 MI.

CONTRACT NO. 72K85

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED 11 December 2018

*[Signature]* REGIONAL ENGINEER

Feb 1 2019 *[Signature]* ENGINEER OF DESIGN AND ENVIRONMENT

*[Signature]* DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

# GENERAL NOTES

## GENERAL NOTES

- ① THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE MICRO-SURFACING AND WHEN THE ROADWAY WILL BE OPENED TO TRAFFIC.
- ② ONLY THE I-72 WB/EB PASSING LANES SHALL BE CLOSED TO TRAFFIC MAKING THE PROPOSED IMPROVEMENTS TO THE CENTERLINE LONGITUDINAL JOINT; HOWEVER, THE I-72 WB/EB DRIVING LANES MAY BE CLOSED TO TRAFFIC WHEN MAKING THE PROPOSED IMPROVEMENTS TO THE ENTRANCE AND EXIT RAMP AT THE I-72/I-55 AND BUFFALO/MECHANICSBURG INTERCHANGES.
- ③ SHORT-TERM PAVEMENT MARKING SHALL BE INSTALLED AS PER SECTION 703 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION; HOWEVER, THE APPROVED LISTS OF MATERIALS AS STATED IN ARTICLE 703.02 SHALL BE LIMITED TO PAINT PAVEMENT MARKINGS ONLY. PAVEMENT MARKING TAPE WILL NOT BE ALLOWED.

## INDEX OF SHEETS

- |         |   |
|---------|---|
| 1       | COVER SHEET   |
| 2       | INDEX OF SHEETS, LISTS OF STANDARDS,<br>GENERAL NOTES AND COMMITMENTS |
| 3 - 4   | SUMMARY OF QUANTITIES   |
| 5       | SCHEDULE OF QUANTITIES  |
| 6 - 8   | TYPICAL SECTIONS (3)  |
| 9 - 11  | ALIGNMENT INFORMATION (3)   |
| 12 - 13 | MISCELLANEOUS DETAILS (2)   |
| 14 - 15 | DISTRICT 6 DETAILS (2)  |

## 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) FROM PAVEMENT EDGE |
| 701106-02 | OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY                     |
| 701400-09 | APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY                                 |
| 701406-12 | LANE CLOSURE, FREEWAY / EXPRESSWAY, DAY OPERATIONS ONLY                        |
| 701411-09 | LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH         |
| 701421-08 | LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH              |
| 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  |
| 780001-05 | TYPICAL PAVEMENT MARKING   |
| 781001-04 | TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKINGS                    |

## RATES OF APPLICATION TABLES

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES.

MICRO-SURFACING, SINGLE PASS: 20 LBS / SQ YD

BITUMINOUS MATERIALS - TACK COAT: 0.025 LBS / SQ FT

RAISED REFLECTIVE PAVEMENT MARKERS: 2 EA / 80 FT (AREA #1)  
1 EA / 80 FT (AREA #2)

## COMMITMENTS

(NONE)

DISTRICT SIX	
EXAMINED	November 19 <sup>th</sup> 20 18
<i>John C. Wasserman</i>	
OPERATIONS ENGINEER	
EXAMINED	Nov. 20 <sup>th</sup> 20 18
<i>Scott J. Johnson</i>	
PROJECT IMPLEMENTATION ENGINEER	
EXAMINED	November 19 20 18
<i>Jeffery P. My</i>	
PROGRAM DEVELOPMENT ENGINEER	

REV. - MS

USLR NAME = cabrerars	DESIGNED - RSC	REVISED -
	DRAWN - RSC	REVISED -
PLOT SCALE = 40,0000' / 1" =	CHECKED -	REVISED -
PLOT DATE = 12/7/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

### INDEX OF SHEETS & GENERAL NOTES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72A	*	SANGAMON	15	2
CONTRACT NO. 72K85				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0-02024-6002	0-02024-6001
				90% FEDERAL	90% FEDERAL
				10% STATE ROADWAY	10% STATE ROADWAY
				0005 URBAN	0005 RURAL
40400121	MICRO-SURFACING, SINGLE PASS, MIXTURE D	SQ YD	22,024	1,312	20,712
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5,947	355	5,592
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	13.4	1.6	11.8
67100100	MOBILIZATION	L SUM	1	0.1	0.9
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1	
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	7	3	4
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	0.1	0.9
70107025	CHANGEABLE MESSAGE SIGN	CAL DAY	45	45	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	7,929	473	7,456
* 78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	19,620	1,085	18,535
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	350	350	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,032	122	910
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1,032	122	910

\* SPECIALTY ITEM

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PLOT DATE = 12/7/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72A	*	SANGAMON	15	3
CONTRACT NO. 72K85			ILLINOIS FED. AID PROJECT	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0-02024-6002	0-02024-6001
				90% FEDERAL	90% FEDERAL
				10% STATE ROADWAY	10% STATE ROADWAY
				0005	0005
				URBAN	RURAL
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	8,321	598	7,723

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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/11/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NTS SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72A	*	SANGAMON	15	4
			CONTRACT NO. 72K85	
ILLINOIS			FED. AID PROJECT	

\* (19X, 84-10-1 & 2 & 3) CJS

PAVEMENT SCHEDULE

LOCATION (STA TO STA)	LENGTH	(X0327979) PAVMT MRKG REM GRIND	(40600290) BIT MATLS TACK CT (W=36")	(40600400) MIX CR JTS FLANGWYS	(70300100) SHORT TERM PAVT MKING	(40400121) MICRO-SURF SNGL MD (W=30")	(78009005) MOD URETH PM LINE 5	(78009008) MOD URETH PM LINE 8	(78100100) RAISED REFL PAVT MKR	(78300200) RAISED REF PVT MK REM
	(FOOT)	(SQ FT)	(POUND)	(TON)	(FOOT)	(SQ YD)	(FOOT)	(FOOT)	(EACH)	(EACH)
[F.A.I. 72A (I-72)]	-	-	-	-	-	-	-	-	-	-
(AREA #1)	-	-	-	-	-	-	-	-	(2 EA/80')	
53+77.00 TO 70+80.00 WB	1,703.00	177.40	127.73	0.57	170.30	473.06	425.75	-	44	44
53+70.00 TO 70+98.00 EB	1,728.00	180.00	129.60	0.60	172.80	480.00	432.00	-	46	46
(I-55 EXIT RAMP) (EB)	-	-	-	-	-	-	-	-	-	-
59+68.00 TO 63+18.00 RT	350.00	145.83	26.25	0.13	35.00	97.22	-	350.00	10	10
63+18.00 TO 70+98.00 RT	780.00	81.25	58.50	0.29	78.00	216.67	195.00	-	22	22
(I-55 ENTR RAMP) (WB)	-	-	-	-	-	-	-	-	-	-
62+07.00 TO 63+70.00 LT	163.00	13.58	12.23	-	16.30	45.28	32.60	-	-	-
(STA EQN): 72+25.27 (BK) = 22+30.47 (AH)										
(0-02024-6002) SUBTOTAL (AREA #1) =		598.06	354.30	1.58	472.40	1,312.22	1,085.35	350.00	122	122
(AREA #2)	-	-	-	-	-	-	-	-	(1 EA/80')	
171+00.00 TO 403+98.00 WB	23,298.00	2,426.88	1,747.35	3.79	2,329.80	6,471.67	5,824.50	-	292	292
170+96.00 TO 404+36.00 EB	23,340.00	2,431.25	1,750.50	3.79	2,334.00	6,483.33	5,835.00	-	293	293
(BRIDGE OMISSION #1) SN 084-0157 403+98.00 TO 408+41.00 WB										
(BRIDGE OMISSION #2) SN 084-0158 404+36.00 TO 408+82.00 EB										
408+41.00 TO 537+80.00 WB	12,939.00	1,347.81	970.43	2.11	1,293.90	3,594.17	3,234.75	-	163	163
408+82.00 TO 537+45.00 EB	12,863.00	1,339.90	964.73	2.10	1,286.30	3,573.06	3,215.75	-	162	162
(0-02024-6001) SUBTOTAL (AREA #2) =		7,545.83	5,433.00	11.79	7,244.00	20,122.22	18,110.00	0	910	910
BUFFALO/MECHANICSBURG INTERCHANGE (EXIT RAMP) (WB)	-	-	-	-	-	-	-	-	-	-
271+78.79 TO 279+28.00 LT	749.21	62.43	56.19	-	74.92	208.11	149.84	-	-	-
(ENTR RAMP) (EB)	-	-	-	-	-	-	-	-	-	-
275+86.00 TO 278+89.00 RT	303.00	25.25	22.73	-	30.30	84.17	60.60	-	-	-
(EXIT RAMP) (EB)	-	-	-	-	-	-	-	-	-	-
310+76.00 TO 318+43.00 RT	767.00	63.92	57.53	-	76.70	213.06	153.40	-	-	-
(ENTR RAMP) (WB)	-	-	-	-	-	-	-	-	-	-
311+33.00 TO 314+36.47 LT	303.47	25.29	22.76	-	30.35	84.30	60.69	-	-	-
(0-02024-6001) SUBTOTAL =		176.89	159.20	0	212.27	589.63	424.54	0	0	0
PROJECT TOTAL		8,321	5,947	13.4	7,929	22,024	19,620	350	1,032	1,032

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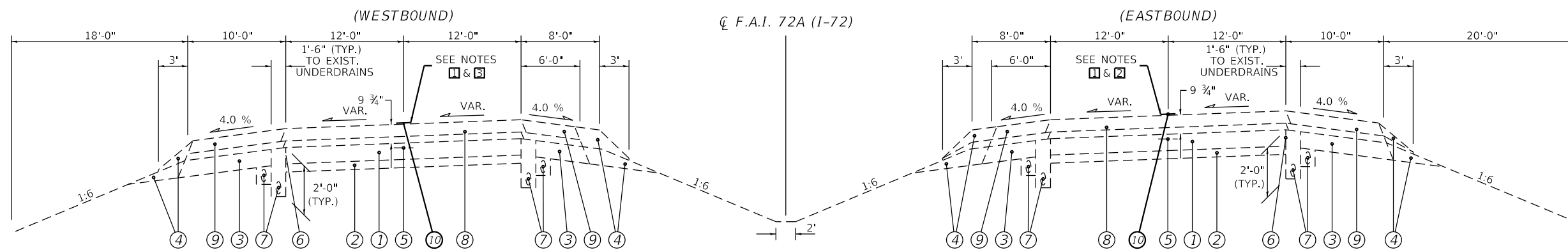
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

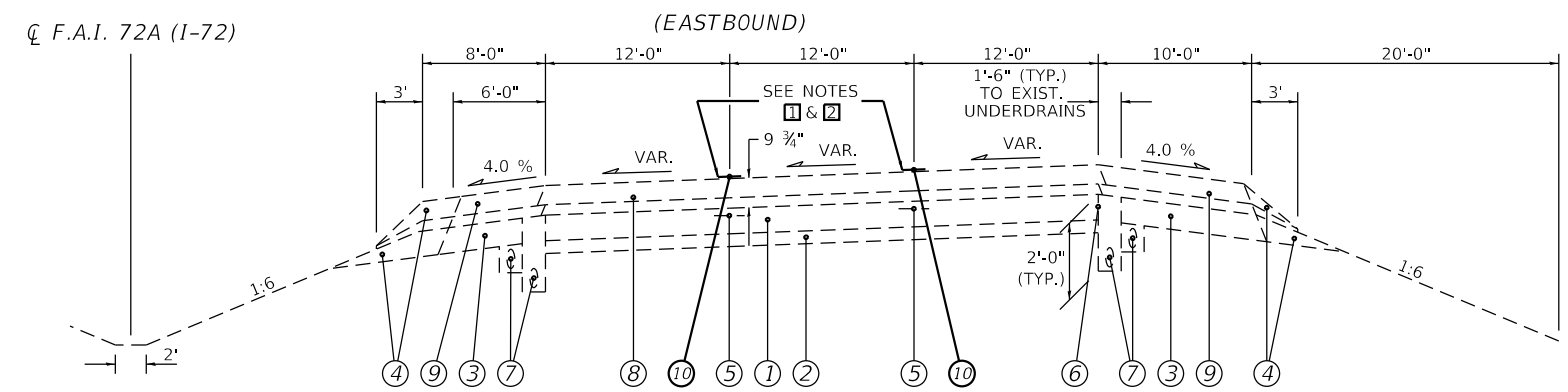
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F.A.I. RTE. 72A	SECTION *	COUNTY SANGAMON	TOTAL SHEETS 15	SHEET NO. 5
CONTRACT NO. 72K85				
ILLINOIS		FED. AID PROJECT		

\* (19X, 84-10-1 & 2 & 3) CJS



STA 53+77.00 TO STA 70+80.00 (WB)  
 STA 53+70.00 TO STA 59+68.00 (EB)



STA 59+68.00 TO STA 70+98.00 (EB)

(STA EQN#1):  
 STA 72+25.27 (BK) =  
 STA 22+30.47 (AH)

(STA EQN#2):  
 STA 295+70.38 (BK) =  
 STA 0+00.00 (AH)

LEGEND	
①	EXIST. C.R.P.C.C. PAVEMENT, 8"
②	EXIST. STABILIZED SUB-BASE, 4"
③	EXIST. STABILIZED SHOULDER, 8"
④	EXIST. AGGREGATE SHOULDER
⑤	EXIST. LONGITUDINAL JOINT
⑥	EXIST. KEYWAY
⑦	EXIST. PIPE UNDERDRAIN
⑧	EXIST. BITUMINOUS OVERLAY
⑨	EXIST. BITUMINOUS SHOULDER (WITH RUMBLE STRIP)
⑩	PROP. MICRO-SURFACING, SINGLE PASS, MIXTURE D

- NOTES:**
- ① SEE MICRO-SURFACING SINGLE PASS DETAIL MISCELLANEOUS DETAIL SHEET.
  - ② SEE EASTBOUND MODIFIED URETHANE PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKER DETAIL FOR LAYOUT OF PROPOSED PAVEMENT MARKINGS IN THE EASTBOUND LANES.
  - ③ SEE WESTBOUND MODIFIED URETHANE PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKER DETAIL FOR LAYOUT OF PROPOSED PAVEMENT MARKINGS IN THE WESTBOUND LANES.

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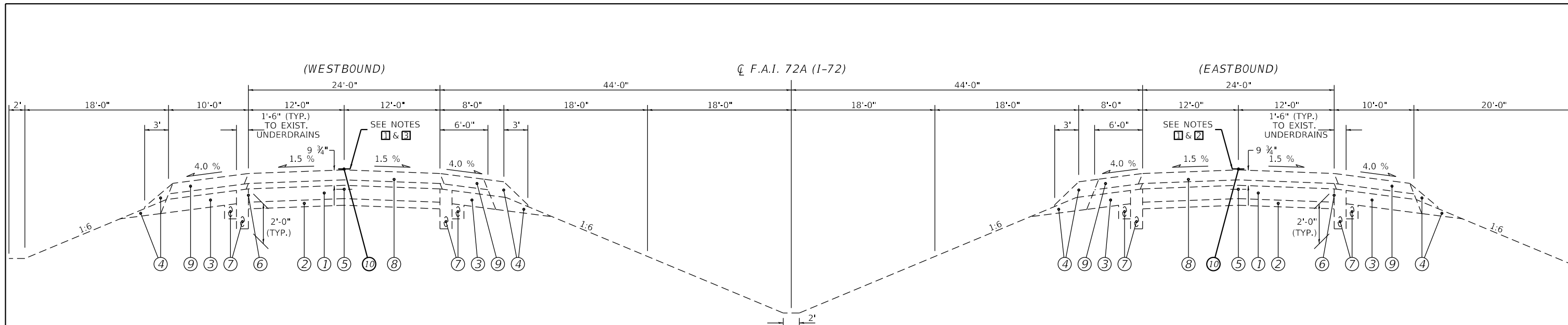
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

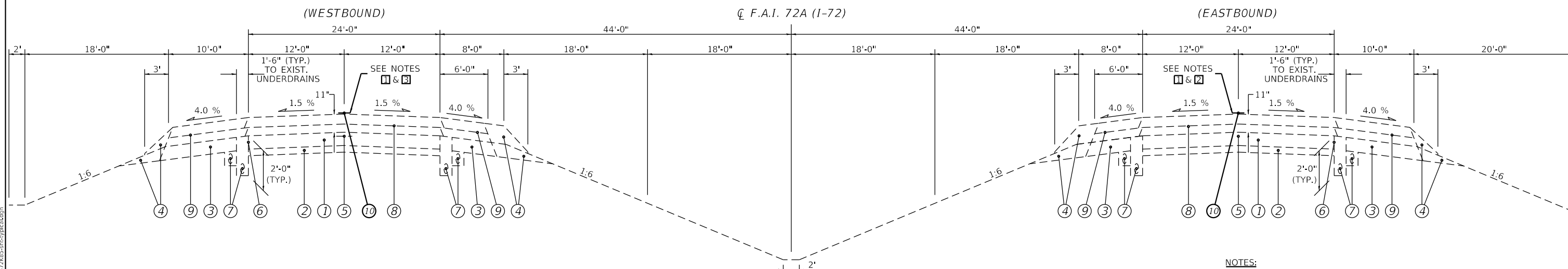
SCALE: NTS    SHEET 1 OF 3 SHEETS    STA. 53+70.00 TO STA. 70+98.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72A	*	SANGAMON	15	6
CONTRACT NO. 72K85				
ILLINOIS FED. AID PROJECT				

\* (19X, 84-10-1 & 2 & 3) CJS



STA 171+00.00 TO STA 403+98.00 (WB)  
 STA 170+96.00 TO STA 404+36.00 (EB)



**BRIDGE OMISSION:**  
 S.N. 084-0157 (W.B.)  
 STA. 403+98.00 TO 408+41.00 LT  
 S.N. 084-0158 (E.B.)  
 STA. 404+36.00 TO 408+82.00 RT

STA 408+41.00 TO STA 537+80.00 (WB)  
 STA 408+82.00 TO STA 537+45.00 (EB)

- NOTES:**
- 1 SEE MICRO-SURFACING SINGLE PASS DETAIL MISCELLANEOUS DETAIL SHEET.
  - 2 SEE EASTBOUND MODIFIED URETHANE PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKER DETAIL FOR LAYOUT OF PROPOSED PAVEMENT MARKINGS IN THE EASTBOUND LANES.
  - 3 SEE WESTBOUND MODIFIED URETHANE PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKER DETAIL FOR LAYOUT OF PROPOSED PAVEMENT MARKINGS IN THE WESTBOUND LANES.

LEGEND	
1	EXIST. C.R.P.C.C. PAVEMENT, 8"
2	EXIST. STABILIZED SUB-BASE, 4"
3	EXIST. STABILIZED SHOULDER, 8"
4	EXIST. AGGREGATE SHOULDER
5	EXIST. LONGITUDINAL JOINT
6	EXIST. KEYWAY
7	EXIST. PIPE UNDERDRAIN
8	EXIST. BITUMINOUS OVERLAY
9	EXIST. BITUMINOUS SHOULDER (WITH RUMBLE STRIP)
10	PROP. MICRO-SURFACING, SINGLE PASS, MIXTURE D

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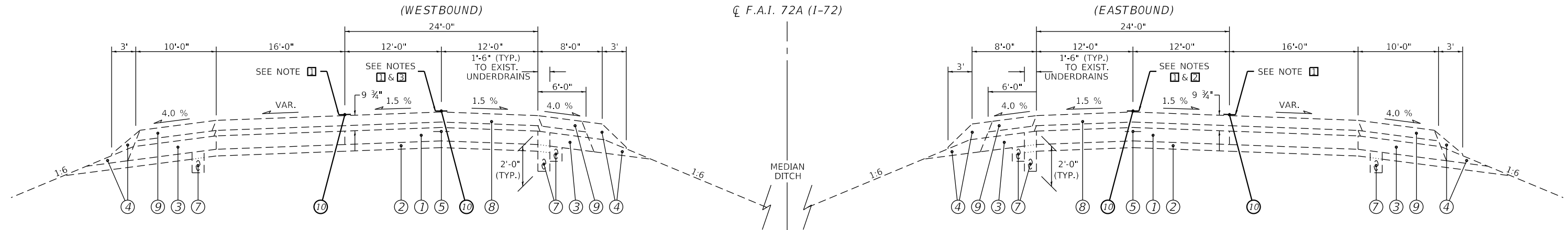
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PLOT DATE = 12/7/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
SCALE: NTS	SHEET 2 OF 3 SHEETS
STA. 170+96.00 TO STA. 537+80.00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72A	*	SANGAMON	15	7
CONTRACT NO. 72K85				
ILLINOIS FED. AID PROJECT				

\* (19X, 84-10-1 & 2 & 3) CJS



**NOTES:**

- ❑ SEE MICRO-SURFACING SINGLE PASS DETAIL MISCELLANEOUS DETAIL SHEET.
- ❑ SEE EASTBOUND MODIFIED URETHANE PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKER DETAIL FOR LAYOUT OF PROPOSED PAVEMENT MARKINGS IN THE EASTBOUND LANES.
- ❑ SEE WESTBOUND MODIFIED URETHANE PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKER DETAIL FOR LAYOUT OF PROPOSED PAVEMENT MARKINGS IN THE WESTBOUND LANES.

<b>LEGEND</b>	
<ul style="list-style-type: none"> <li>❶ EXIST. C.R.P.C.C. PAVEMENT, 8"</li> <li>❷ EXIST. STABILIZED SUB-BASE, 4"</li> <li>❸ EXIST. STABILIZED SHOULDER, 8"</li> <li>❹ EXIST. AGGREGATE SHOULDER</li> <li>❺ EXIST. LONGITUDINAL JOINT</li> </ul>	<ul style="list-style-type: none"> <li>❻ EXIST. KEYWAY</li> <li>❼ EXIST. PIPE UNDERDRAIN</li> <li>❽ EXIST. BITUMINOUS OVERLAY</li> <li>❾ EXIST. BITUMINOUS SHOULDER (WITH RUMBLE STRIP)</li> <li>❿ PROP. MICRO-SURFACING, SINGLE PASS, MIXTURE D</li> </ul>

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PLOT DATE = 12/7/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: NTS    SHEET 3 OF 3 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72A	*	SANGAMON	15	8
CONTRACT NO. 72K85				
ILLINOIS FED. AID PROJECT				

\* (19X, 84-10-1 & 2 & 3) CJS



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(STA EQN #1):  
 STA 72+25.27 (BK)  
 STA 22+30.47 (AH)

LIMITS OF IMPROVEMENT  
 STA 53+77.00 (WB)

LIMITS OF IMPROVEMENT  
 STA 70+80.00 (WB)

LIMITS OF IMPROVEMENT  
 STA 70+98.00 (EB)

LIMITS OF IMPROVEMENT  
 STA 53+70.00 (EB)

EXIST. CURVE TA728  
 PI STA. = 62+53.46  
 $\Delta = 29^\circ 46' 14''$  (LT)  
 $D = 1^\circ 30' 01''$   
 $R = 3,819.35'$   
 $T = 1,015.20'$   
 $L = 1,984.51'$   
 $E = 132.62'$   
 $e =$   
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 52+38.26  
 P.T. STA. = 72+22.77

EXIST. CURVE 730  
 PI STA. = 80+04.72  
 $\Delta = 21^\circ 01' 05''$  (RT)  
 $D = 1^\circ 00' 01''$   
 $R = 5,728.43'$   
 $T = 1,062.63'$   
 $L = 2,101.37'$   
 $E = 97.73'$   
 $e =$   
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 69+42.09  
 P.T. STA. = 90+43.46

EXIST. CURVE 8079  
 PI STA. = 135+96.88  
 $\Delta = 83^\circ 45' 09''$  (LT)  
 $D = 2^\circ 14' 59''$   
 $R = 2,546.81'$   
 $T = 2,283.21'$   
 $L = 3,722.81'$   
 $E = 873.61'$   
 $e =$   
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 113+13.67  
 P.T. STA. = 150+36.48

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT  
 INFORMATION

USER NAME = cabrerars	DESIGNED - RSC	REVISED -
	DRAWN - RSC	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/7/2018	DATE -	REVISED -

SCALE: NTS SHEET 1 OF 3 SHEETS STA. 30+00.00 TO STA. 146+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72A	*	SANGAMON	15	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72K85	

\* (19X, 84-10-1 & 2 & 3) CJS



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USER NAME = cabrerars	DESIGNED - RSC	REVISED -
	DRAWN - RSC	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/7/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>ALIGNMENT INFORMATION</b>	
SCALE: NTS	SHEET 2 OF 3 SHEETS
STA. 168+00.00 TO STA. 630+00.00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72A	*	SANGAMON	15	10
CONTRACT NO. 72K85				
ILLINOIS FED. AID PROJECT				

\*(19X, 84-10-1 & 2 & 3) CJS

I-72 CENTERLINE COORDINATES - CHAIN E030 - NAD 83/1997 adj

POINT	STATION	OFFSET	NORTHING	EASTING
TA2482	19+62.81	0	1142219.839	2454108.164
TA1519	22+00.13	0	1142219.104	2454345.486
TA1483	45+83.37	0	1142211.738	2456728.710
TA1520	49+93.71	0	1142210.469	2457139.050
PCTA728	52+38.26	0	1142209.713	2457383.602
PITA728	62+53.46	132.62 RT	1142206.575	2458398.797
PTTA728	72+22.77	0	1142707.924	2459281.566
PSM2230	72+25.27	0	1142709.158	2459283.739

I-72 CENTERLINE COORDINATES - CHAIN I072 - NAD 83/1997 adj

POINT	STATION	OFFSET	NORTHING	EASTING
PCCURVE8036	161+85.45	0.00	1156128.993	2496818.317
PICURVE8036	170+58.76	16.66	1156065.026	2497689.281
PTCURVE8036	179+31.23	0.00	1156067.613	2498562.587
PSM18698	186+97.70	0.00	1156069.884	2499329.056
PSM20900	208+99.72	0.00	1156075.766	2501531.066
PSM23100	230+99.47	0.00	1156081.643	2503730.810
PSM25246	252+45.75	0.00	1156086.926	2505877.090
PSM27300	272+99.19	0.00	1156085.439	2507930.529
PSM29400	293+99.66	0.00	1156083.826	2510030.993
PCCURVE419	319+43.70	0.00	1156081.073	2512575.031
PICURVE419	326+90.38	12.11 LT	1156080.264	2513321.711
PTCURVE419	334+36.53	0.00	1156031.046	2514066.767
PCCURVE418	340+86.10	0.00	1155988.229	2514714.925
PICURVE418	358+24.88	98.53 RT	1155873.615	2516449.924
PTCURVE418	375+48.80	0.00	1156151.413	2518166.369
PCCURVE8041	386+04.39	0.00	1156320.061	2519208.408
PICURVE8041	405+38.20	161.91 LT	1156629.018	2521117.378
PTCURVE8041	424+35.97	0.00	1156294.877	2523022.101
PCCURVE8042	428+66.85	0.00	1156220.425	2523446.506
PICURVE8042	441+59.21	54.53 RT	1155997.120	2524719.427
PTCURVE8042	454+45.44	0.00	1155990.667	2526011.771
PSM48325	483+23.76	0.00	1155976.294	2528890.050
PSM50850	508+48.74	0.00	1155963.853	2531415.002
PSM53375	533+73.75	0.00	1155951.002	2533939.983
PSM55900	558+99.09	0.00	1155938.715	2536465.284

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USER NAME = cabrerars	DESIGNED - RSC	REVISED -
	DRAWN - RSC	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/7/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT  
INFORMATION**

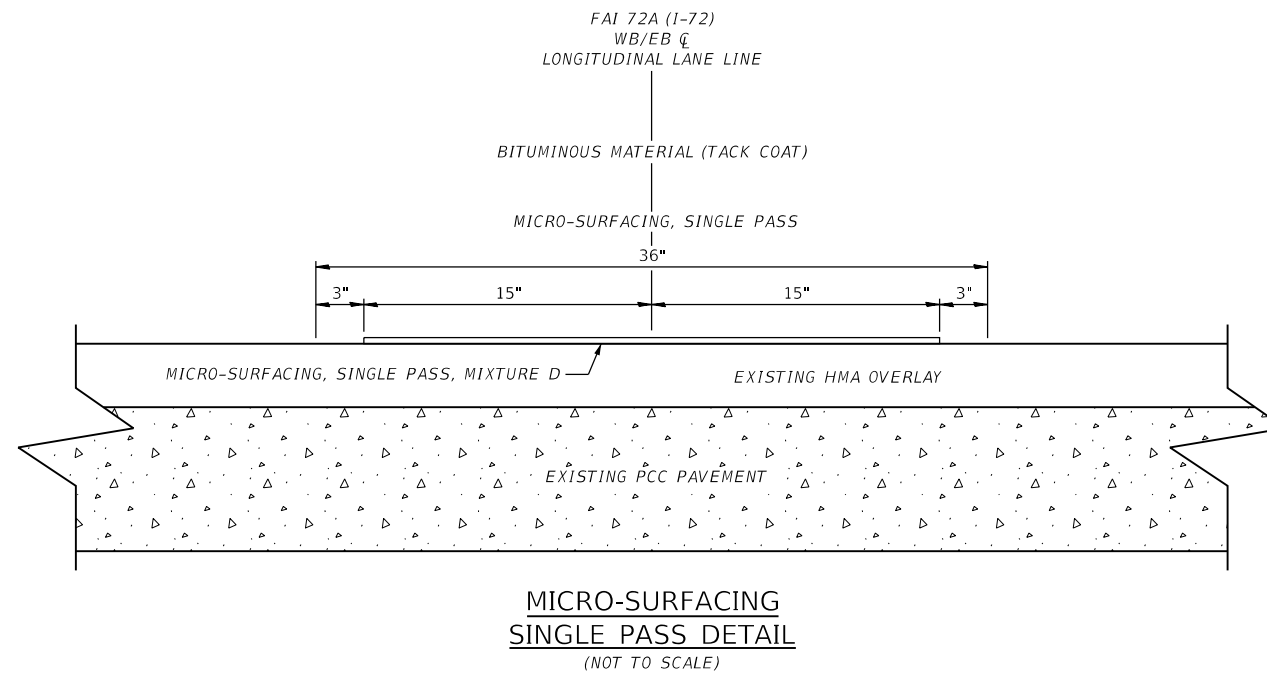
SCALE: NTS      SHEET 3 OF 3 SHEETS      STA. 19+62.81 TO STA. 558+99.09

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72A	*	SANGAMON	15	11
CONTRACT NO. 72K85				
ILLINOIS FED. AID PROJECT				

\* (19X, 84-10-1 & 2 & 3) CJS

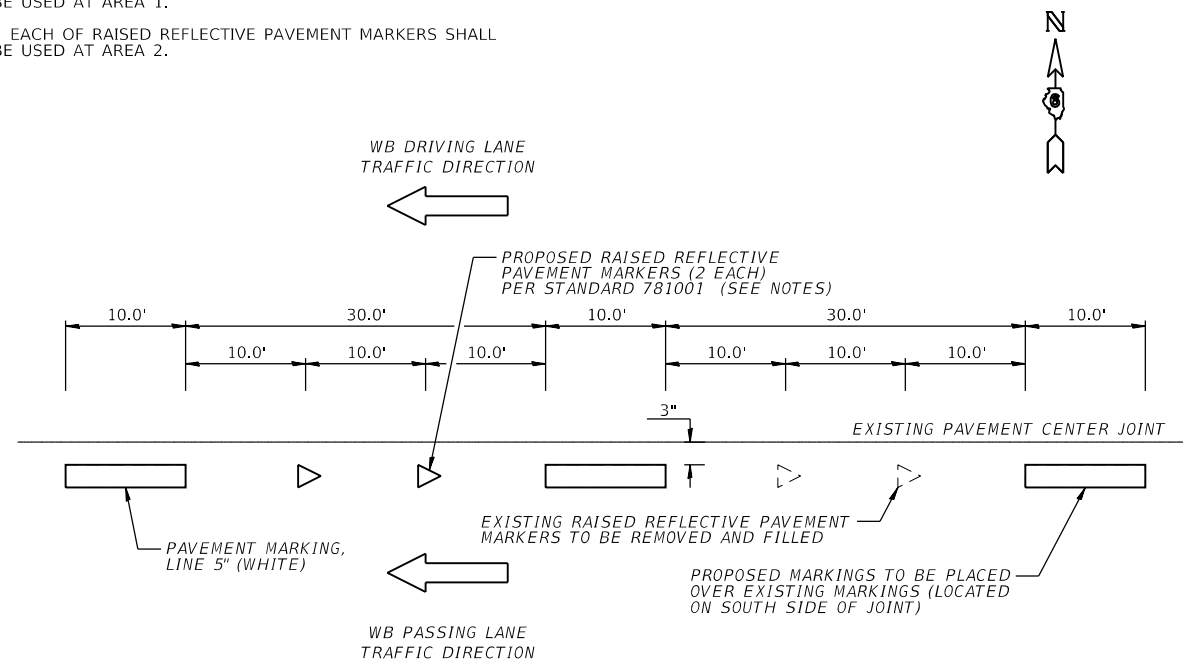
**MICRO-SURFACING NOTES:**

BITUMINOUS MATERIALS (TACK COAT) SHALL BE THREE (3) INCHES WIDER ON EACH SIDE OF THE MICRO-SURFACING.  
 CLEAN JOINT AND PATCH SMALL DETERIORATED AREAS AND RAISED PAVEMENT MARKER REMOVAL AREAS WITH "MIXTURE FOR CRACKS, JOINTS AND FLANGWAYS" PRIOR TO BITUMINOUS MATERIALS (TACK COAT) AND MICRO-SURFACING.



**NOTES:**

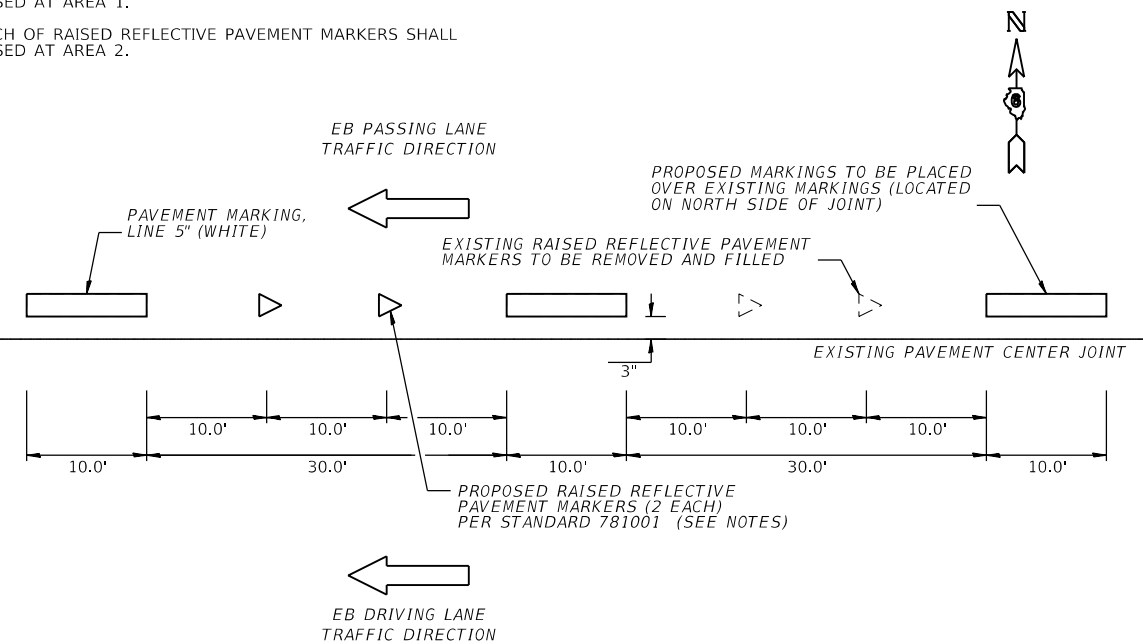
2 EACH OF RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE USED AT AREA 1.  
 1 EACH OF RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE USED AT AREA 2.



**WESTBOUND PAVEMENT MARKING & RAISED REFLECTIVE PAVEMENT MARKER DETAIL**  
 (NOT TO SCALE)

**NOTES:**

2 EACH OF RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE USED AT AREA 1.  
 1 EACH OF RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE USED AT AREA 2.



**EASTBOUND PAVEMENT MARKING & RAISED REFLECTIVE PAVEMENT MARKER DETAIL**  
 (NOT TO SCALE)

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USER NAME = cabrerars	DESIGNED - RSC	REVISED -
	DRAWN - RSC	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/7/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**MISCELLANEOUS DETAILS**

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

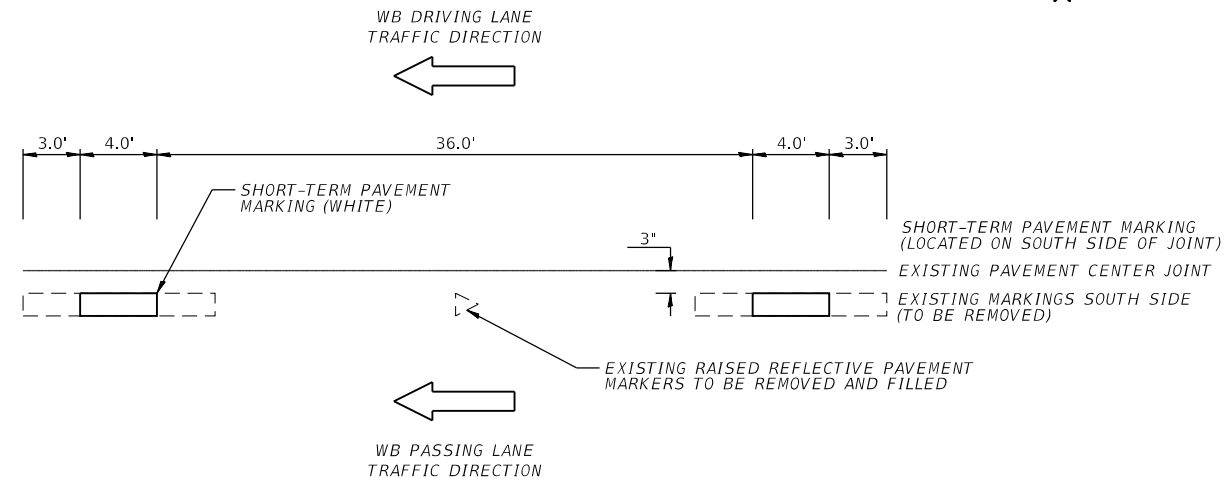
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72A	(19X, 84-10-1 & 2 & 3) CJS	SANGAMON	15	12
CONTRACT NO. 72K85				
ILLINOIS FED. AID PROJECT				

**NOTES:**

PAINT SHALL ONLY BE USED FOR THE SHORT-TERM PAVEMENT MARKING.

SHORT-TERM PAVEMENT MARKINGS SHALL REMAIN AND BE COVERED WITH THE PERMANENT PAVEMENT MARKINGS.

EXISTING PAVEMENT MARKINGS SHALL BE REMOVED PRIOR TO MICRO-SURFACING.



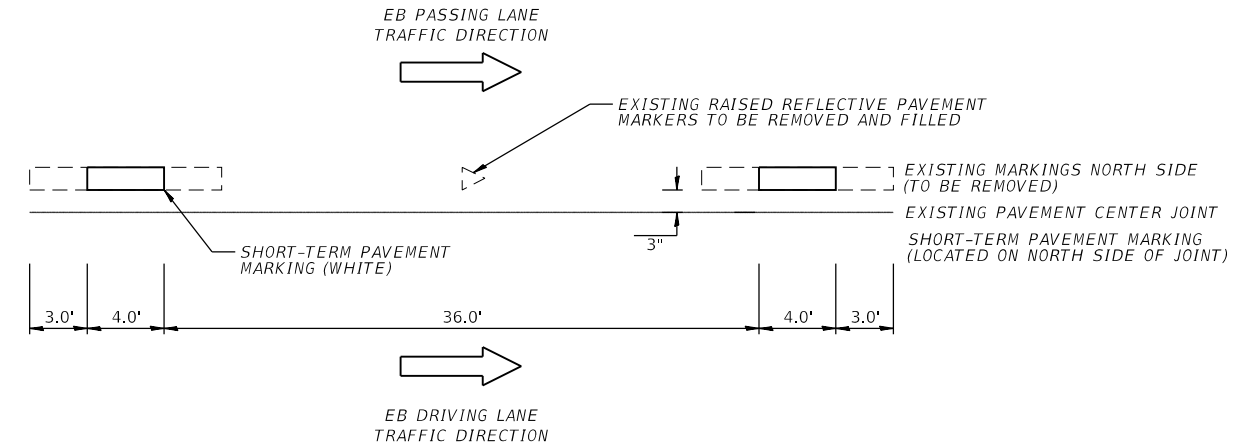
**WESTBOUND SHORT-TERM PAVEMENT MARKING DETAIL**  
(NOT TO SCALE)

**NOTES:**

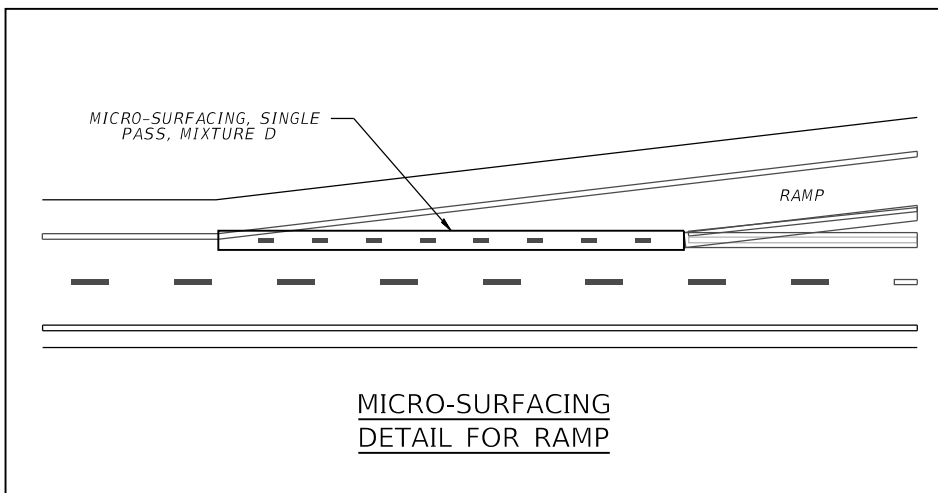
PAINT SHALL ONLY BE USED FOR THE SHORT-TERM PAVEMENT MARKING.

SHORT-TERM PAVEMENT MARKINGS SHALL REMAIN AND BE COVERED WITH THE PERMANENT PAVEMENT MARKINGS.

EXISTING PAVEMENT MARKINGS SHALL BE REMOVED PRIOR TO MICRO-SURFACING.



**EASTBOUND SHORT-TERM PAVEMENT MARKING DETAIL**  
(NOT TO SCALE)



**MICRO-SURFACING DETAIL FOR RAMP**

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USER NAME = cabrerars	DESIGNED - RSC	REVISED -
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PLOT DATE = 12/11/2018	DATE -	REVISED -

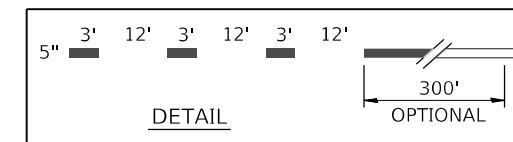
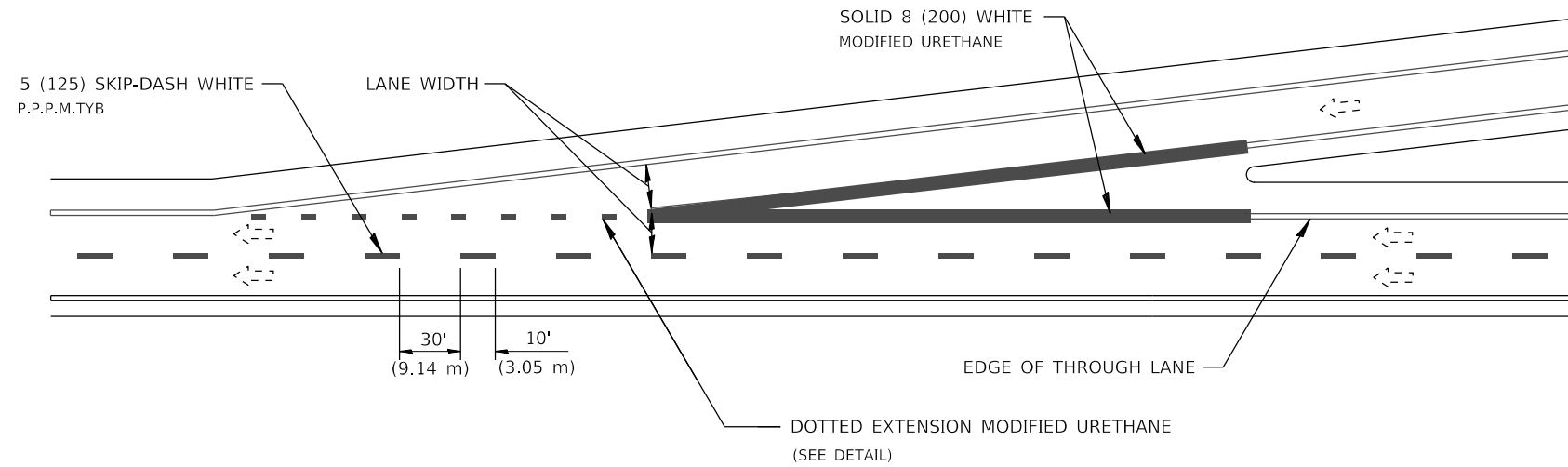
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MISCELLANEOUS DETAILS**

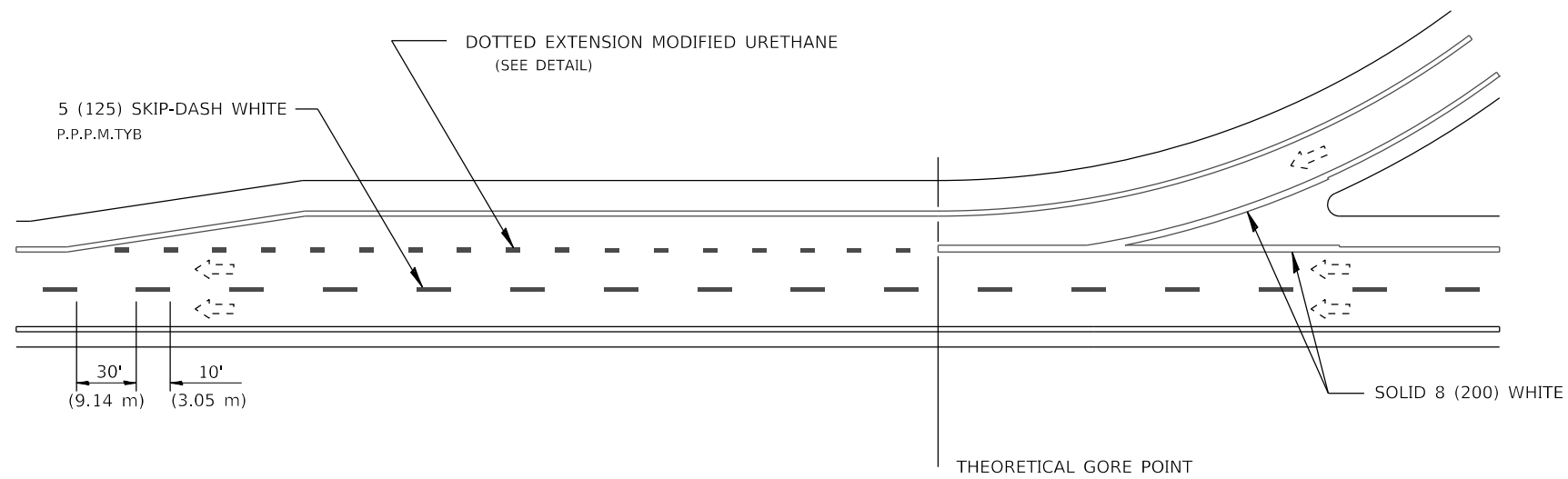
SCALE: NTS SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72A	(19X, 84-10-1 & 2 & 3) CJS	SANGAMON	15	13
CONTRACT NO. 72K85				
ILLINOIS FED. AID PROJECT				

A - TAPERED ACCELERATION LANE



B - PARALLEL ACCELERATION LANE



ENTRANCE RAMP MARKINGS

All dimensions are in inches (millimeters) unless otherwise noted.

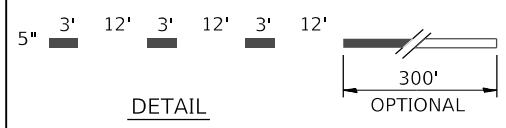
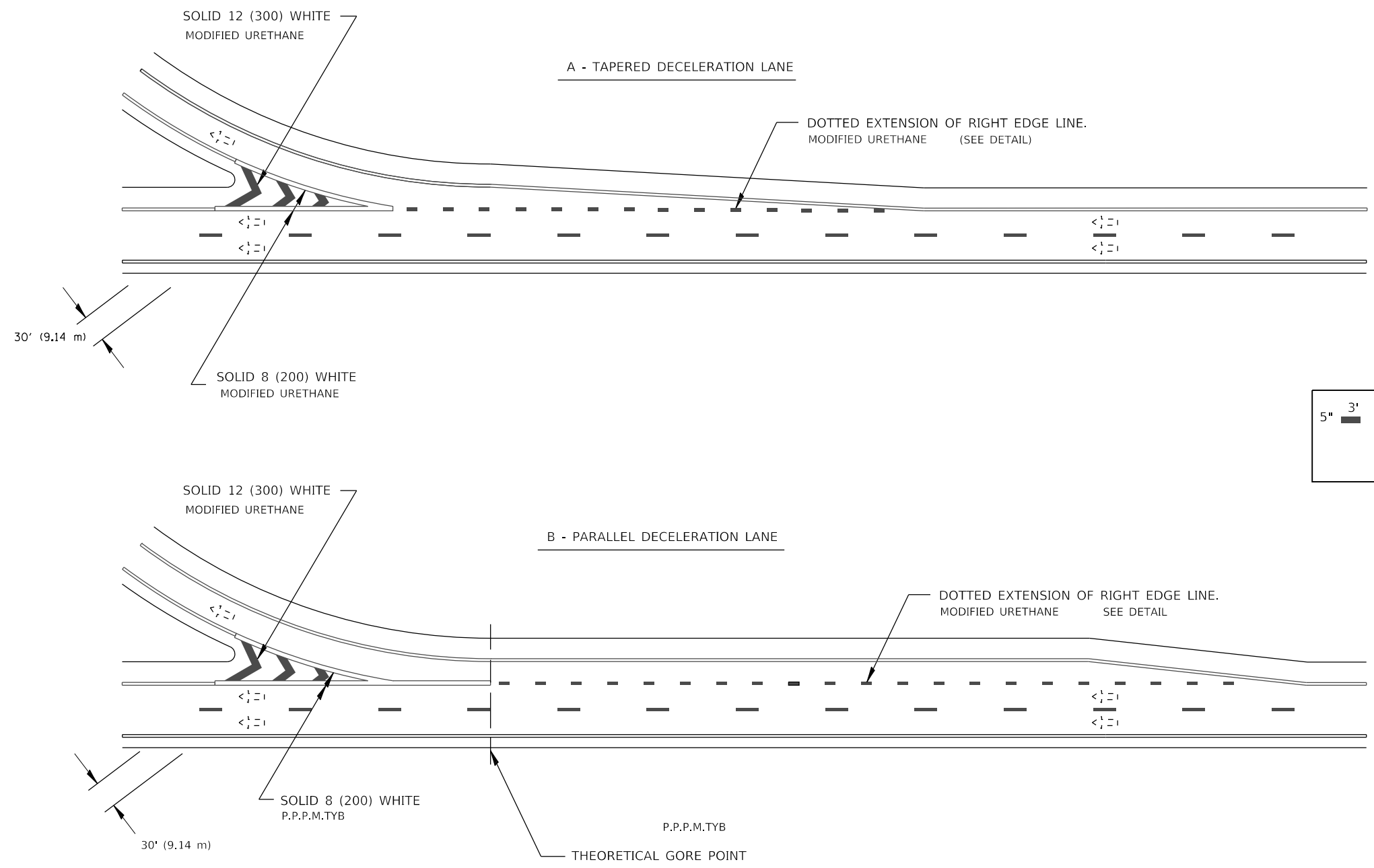
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USER NAME = cabrerars	DESIGNED -	REVISED -
	DRAWN - GWS	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/7/2018	DATE - 2013-01	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>D6 PAVEMENT MARKING STANDARD</b>	
<b>ENTRANCE RAMP MARKINGS - FREEWAY &amp; EXPRESSWAY</b>	
SCALE: NTS	SHEET 1 OF 2 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72A	(19X, 84-10-1 & 2 & 3) CJS	SANGAMON	15	14
CONTRACT NO. 72K85			ILLINOIS FED. AID PROJECT	



**EXIT RAMP MARKINGS**

All dimensions are in inches (millimeters) unless otherwise noted.

MODEL: Default  
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USER NAME = cabrerars	DESIGNED -	REVISED -
	DRAWN - GWS	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/7/2018	DATE - 2013-01	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>D6 PAVEMENT MARKING STANDARD</b>			
<b>EXIT RAMP MARKINGS - FREEWAY &amp; EXPRESSWAY</b>			
SCALE: NTS	SHEET 2 OF 2 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72A	(19X, 84-10-1 & 2 & 3) CJS	SANGAMON	15	15
CONTRACT NO. 72K85				
ILLINOIS FED. AID PROJECT				