

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	2021-049-PP	COOK	134	1
ILLINOIS			CONTRACT NO. 62N83	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

IMPROVEMENT IS LOCATED IN THE VILLAGE OF LANSING & THE CITY OF COUNTRY CLUB HILLS

TRAFFIC DATA:

I-80/94

ADT (2019) = 203,600 VPD
SPEED LIMIT = 55 MPH

I-57 MAINLINE

ADT (2020) = 89,500 VPD
SPEED LIMIT = 55 MPH

I-57 NB TO I-80 WB RAMP

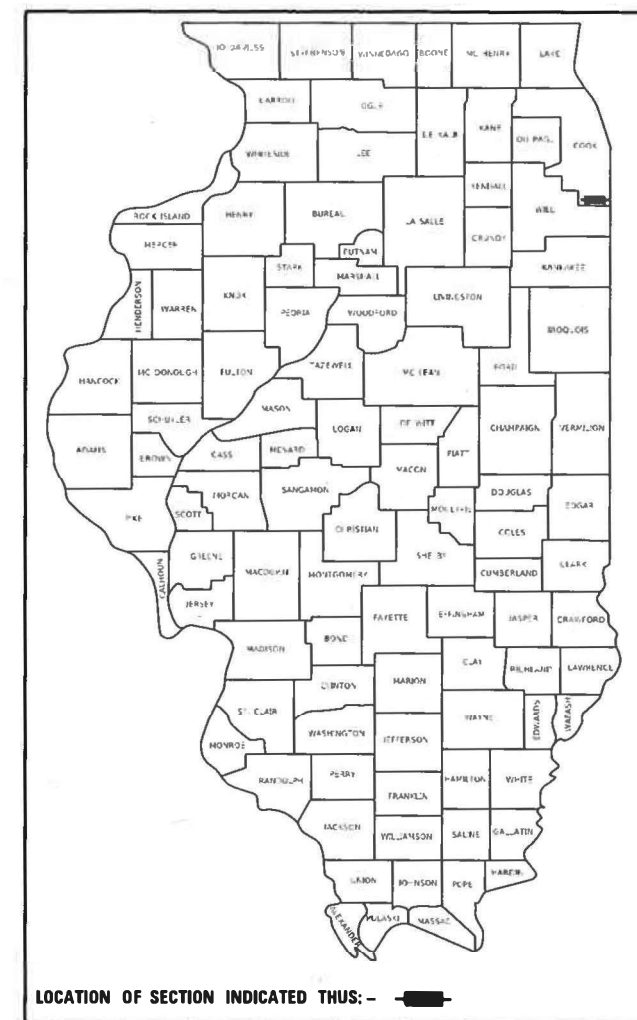
ADT (2020) = 7,400 VPD
SPEED LIMIT = 25 MPH

PROPOSED
HIGHWAY PLANS

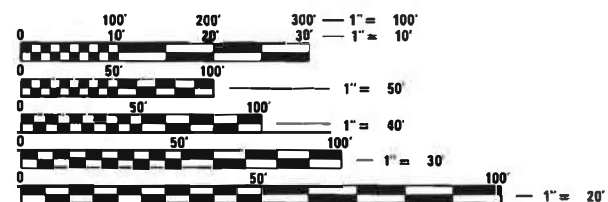
FAI ROUTE 80: I-80/94/US 6
IL 394 TO ILLIN STATE LINE
FAI ROUTE 57: I-57
AT I-80

SECTION: 2021-049-PP
PATCHING
COOK COUNTY
C-91-156-21

D-91-133-21



LOCATION OF SECTION INDICATED THIS: - [Symbol]



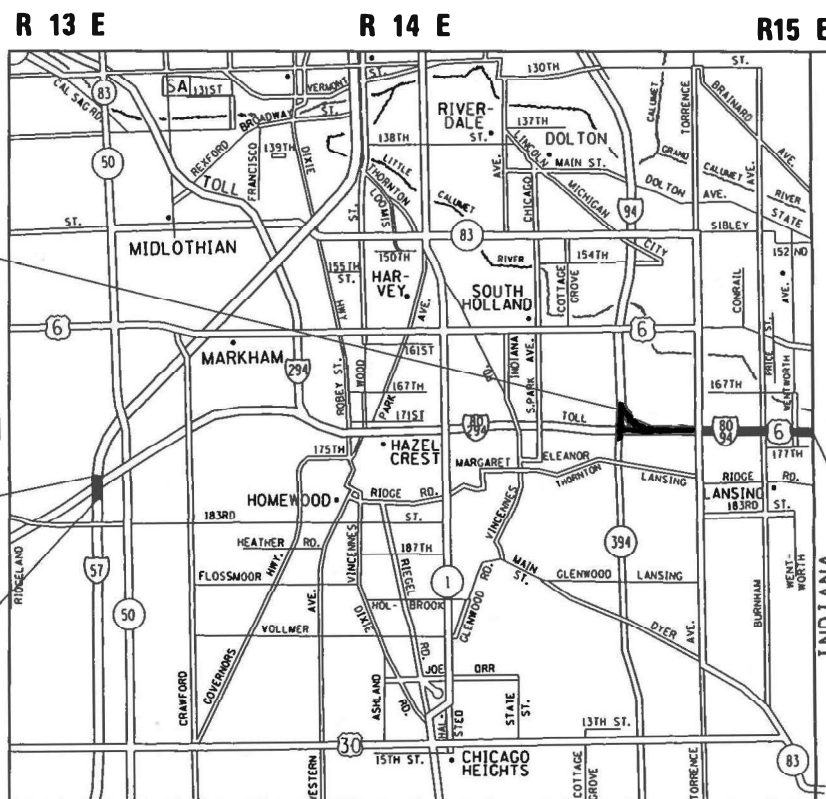
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

I-80 IMPROVEMENT BEGINS

I-57 IMPROVEMENT ENDS

I-57 IMPROVEMENT BEGINS



BREMEN & THORNTON TOWNSHIP



LOCATION MAP (NOT TO SCALE)

I-80 IMPROVEMENT ENDS

PROJECT ENGINEER: VESELIN VELICHKOV (847) 705-4432
PROJECT MANAGER: FAWAD AQUEEL (847) 705-4247

CONTRACT NO. 62N83

I-80/94 GROSS & NET LENGTH = 15,592 FT. = 2.95 MILES
I-57 GROSS & NET LENGTH = 2,000 FT. = 0.38 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 3 2021
[Signature] REGIONAL ENGINEER
June 25, 2021
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT
June 25, 2021
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0005 100% STATE I-80/94	0005 100% STATE I-57			
X4428187	CLASS D PATCHES, TYPE III, 13 INCH	SO YD	78	78				
	SPECIAL							
X4428189	CLASS D PATCHES, TYPE IV, 13 INCH	SO YD	172	172				
	SPECIAL							
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	115	115				
40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	TON	30	30				
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	250	250				
44200620	CLASS A PATCHES, TYPE II, 14 INCH	SO YD	134	134				
44200624	CLASS A PATCHES, TYPE III, 14 INCH	SO YD	280	280				
44200628	CLASS A PATCHES, TYPE IV, 14 INCH	SO YD	1536	1536				
44200629	CLASS A PATCHES, TYPE I, 15 INCH	SO YD	12	12				
44200630	CLASS A PATCHES, TYPE II, 15 INCH	SO YD	92	92				
44200631	CLASS A PATCHES, TYPE III, 15 INCH	SO YD	20	20				
44200632	CLASS A PATCHES, TYPE IV, 15 INCH	SO YD	218	218				
44213000	PATCHING REINFORCEMENT	SO YD	2198	1856	342			

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0005 100% STATE I-80/94	0005 100% STATE I-57			
44213200	SAW CUTS	FOOT	8062	6819	1243			
44213204	TIE BARS 3/4"	EACH	1185	1112	73			
45200300	JOINT OR CRACK FILLING	POUND	100	100				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	3	3			
67100100	MOBILIZATION	L SUM	1	0.5	0.5			
70107005	PAVEMENT MARKING BLACKOUT TAPE, 5"	FOOT	3170	3170				
70107008	PAVEMENT MARKING BLACKOUT TAPE, 8"	FOOT	770	770				
70107012	PAVEMENT MARKING BLACKOUT TAPE, 12"	FOOT	280	280				
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	62	62				
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	0.5	0.5			
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	400	250	150			
70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SO FT	72.8	72.8				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	300	300				
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	300	300				
70600235	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE), TEST LEVEL 2	EACH	4	4				

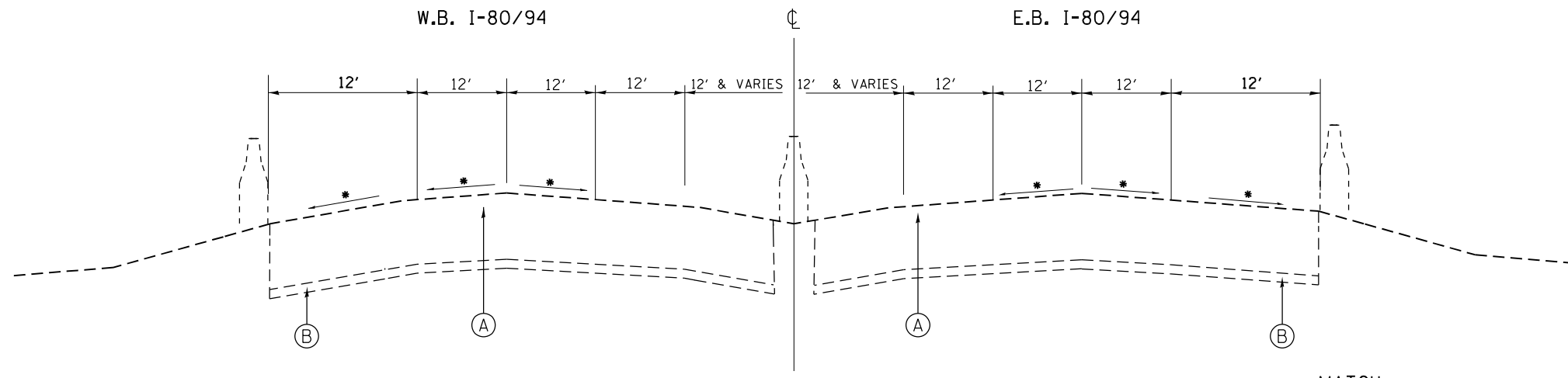
* = SPECIALTY ITEMS

REV-SEP

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE						
CODE NO	ITEM	UNIT	TOTAL QUANTITIES URBAN	0005 100% STATE I-80/94	0005 100% STATE I-57					CODE NO	ITEM	UNIT	TOTAL QUANTITIES URBAN	0005 100% STATE I-80/94	0005 100% STATE I-57				
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	254		254					X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.5	0.5				
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	250		250					X7010410	SPEED DISPLAY TRAILER	CAL MO	6	3	3				
* 78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	400	400						X7011006	TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR	EACH	4	4					
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	380	200	180					X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	0.5	0.5				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	168	150	18					X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	27	9	18				
78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	100	100						X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	2901	2901					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	250	170	80					X7030035	WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH	FOOT	887	887					
X0320015	MAINTENANCE OF TRAFFIC (ILLINOIS TOLLWAY)	L SUM	1	0.5	0.5					X7030045	WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH	FOOT	517	517					
* X1400337	WIRELESS IN PAVEMENT DETECTOR	EACH	10	5	5					X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	150	150					
X2700001	TEMPORARY RUMBLE STRIPS (SPECIAL)	EACH	17		17					* X8570000	SMART TRAFFIC MONITORING SYSTEM	L SUM	1	0.5	0.5				
X4405020	LONGITUDINAL PARTIAL DEPTH REMOVAL 2"	FOOT	300		300					* X8730312	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	FOOT	450	225	225				
X4420900	LONGITUDINAL PARTIAL DEPTH PATCHING	TON	13		13					* X8850102	INDUCTION LOOP	FOOT	1900	950	950				

* = SPECIALTY ITEMS

REV-SEP



INTERSTATE 80/94
EXISTING TYPICAL SECTION

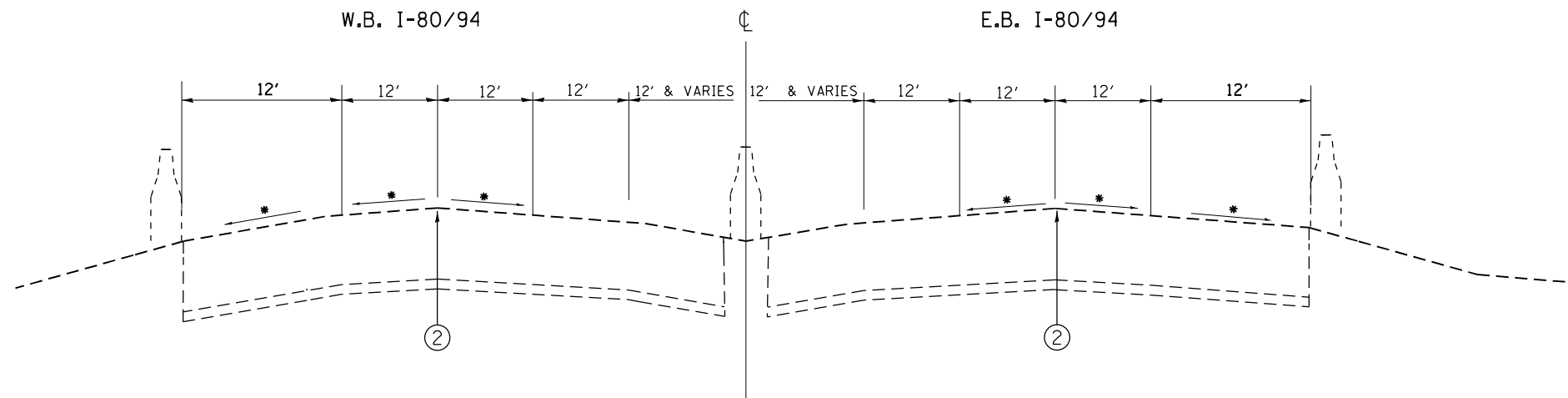
* MATCH
EXISTING SLOPE

LEGEND - EXISTING:

- (A) CRC PAVEMENT, 14"
- (B) SUB-BASE GRANULAR MATERIAL
- (C) PCC PAVEMENT
- (D) HMA PAVEMENT

NOTES:

- 1.) LOCATIONS OF PATCHING WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.
- 2.) THE LONGITUDINAL PARTIAL DEPTH PATCH WIDTH SHALL BE 3 FT, THE LENGTH SHALL BE A MINIMUM OF 10 FT, AND THE DEPTH SHALL BE AS SHOWN ON THE PLANS.



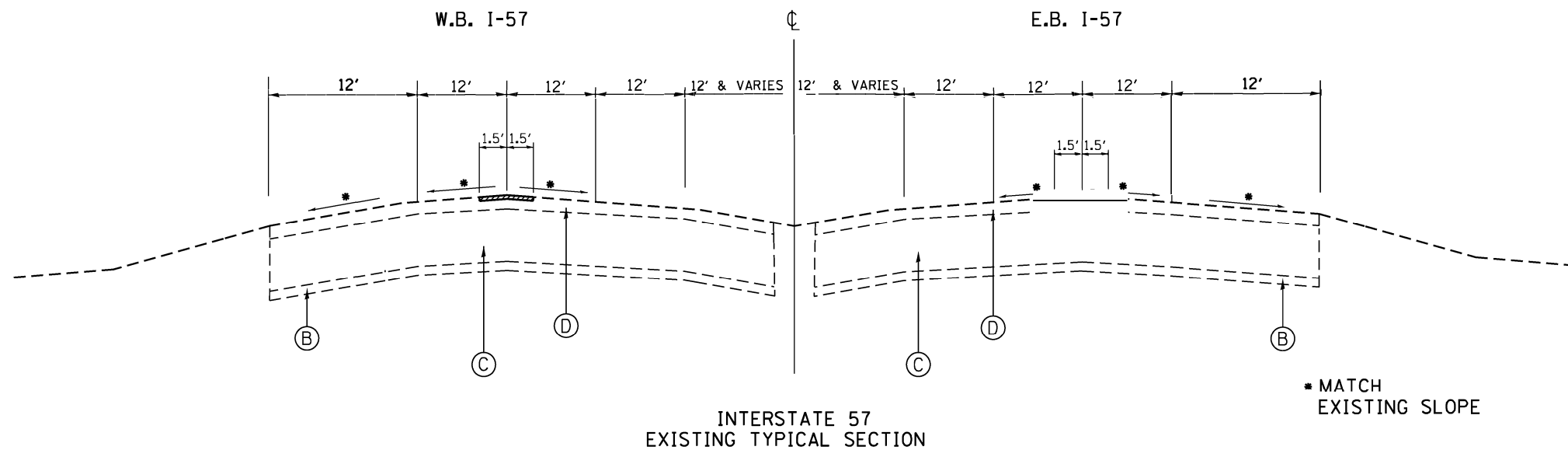
INTERSTATE 80/94
PROPOSED TYPICAL SECTION

* MATCH
EXISTING SLOPE

LEGEND - PROPOSED:

- (1) LONGITUDINAL PARTIAL DEPTH PATCHING, 2"
- (2) PCC PAVEMENT PATCH

FILE NAME =	USER NAME = qureshiye	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS I-80/94 (TORRENCE AVE. TO IL/IN STATE LINE)			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\plenroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\I-80-1-94-sht-plen.dgn	DESIGNED -	REVISED -	REVISED -		I-80	2021-049-PP	COOK	134	6			
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 62N83			ILLINOIS FED. AID PROJECT				
PLOT DATE = 5/13/2021	DATE -	REVISED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.			



LEGEND - EXISTING:

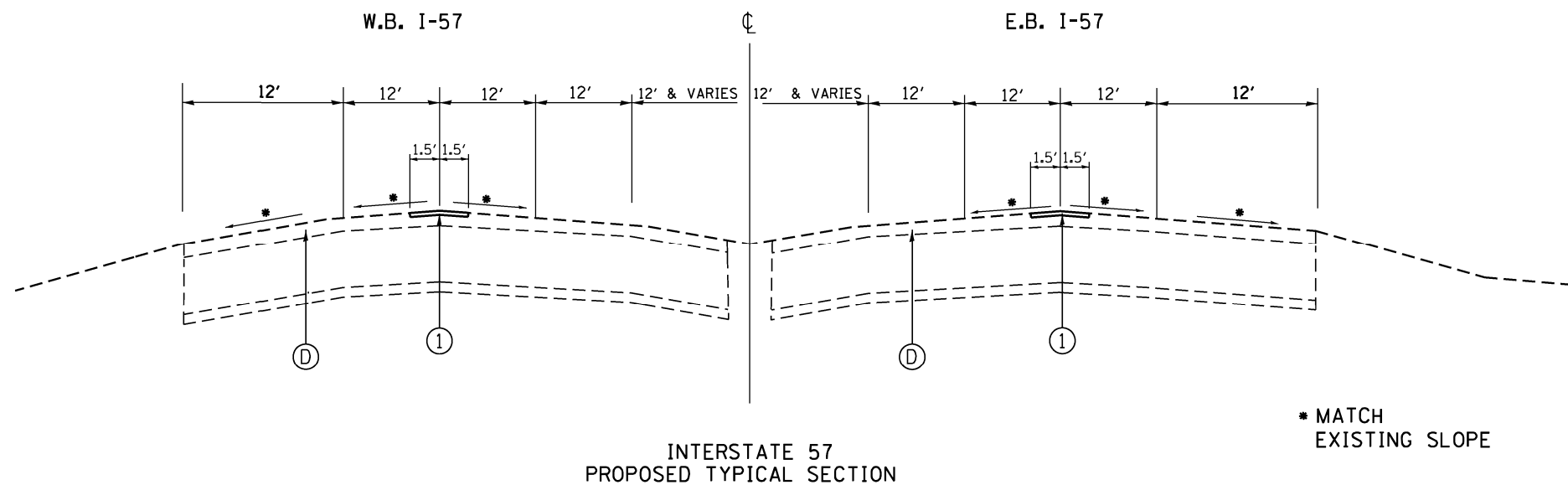
- (A) CRC PAVEMENT, 14"
- (B) SUB-BASE GRANULAR MATERIAL
- (C) PCC PAVEMENT
- (D) HMA PAVEMENT

NOTES:

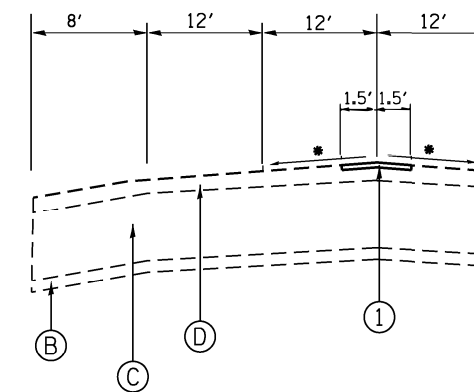
- 1.) LOCATIONS OF PATCHING WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.
- 2.) THE LONGITUDINAL PARTIAL DEPTH PATCH WIDTH SHALL BE 3 FT, THE LENGTH SHALL BE A MINIMUM OF 10 FT, AND THE DEPTH SHALL BE AS SHOWN ON THE PLANS.

LEGEND - PROPOSED:

- ① LONGITUDINAL PARTIAL DEPTH PATCHING, 2"
- ② PCC PAVEMENT PATCH



I-57 RAMP



FILE NAME =	USER NAME = qureshiye	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS I-57 AT I-80				F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
									I-80	2021-049-PP	COOK	134	7
												CONTRACT NO. 62N83	
												ILLINOIS FED. AID PROJECT	
								SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	

I-80/94 EB/ WB LANE PATCHING CLASS "A"

LOCATION	STA.	DIRECTION (EB/WB)	LANE (1, 2, 3, 4, 5, 6)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	PATCH AREA (SQ FT)	PATCH AREA (SQ YD)	TYPE II	TYPE III	TYPE IV
1	151 + 75	EB	3	12	22	264	29			29.33
1	151 + 75	EB	4	12	22	264	29			29.33
2	182 + 03	EB	1	12	30	360	40			40
2	182 + 03	EB	2	12	30	360	40			40
2	182 + 03	EB	3	12	30	360	40			40
2	182 + 03	EB	4	12	30	360	40			40
2	182 + 03	EB	5	12	30	360	40			40
3	184 + 81	EB	1	12	30	360	40			40
3	184 + 81	EB	2	12	30	360	40			40
3	184 + 81	EB	3	12	30	360	40			40
3	184 + 81	EB	4	12	30	360	40			40
3	184 + 81	EB	5	12	30	360	40			40
4	221 + 92	EB	1	12	9	108	12	12		
4	221 + 92	EB	2	12	9	108	12	12		
5	189 + 56	EB	1	12	15	180	20		20	
5	189 + 56	EB	2	12	15	180	20		20	
5	189 + 56	EB	3	12	15	180	20		20	
5	189 + 56	EB	4	12	15	180	20		20	
5	189 + 56	EB	5	12	15	180	20		20	
6	193 + 68	WB	5	12	9	108	12	12		
6	193 + 68	WB	6	12	9	108	12	12		
7	184 + 81	WB	1	12	28	336	37			37.33
7	184 + 81	WB	2	12	28	336	37			37.33
7	184 + 81	WB	3	12	28	336	37			37.33
7	184 + 81	WB	4	12	28	336	37			37.33
7	184 + 81	WB	5	12	28	336	37			37.33
7	184 + 81	WB	6	12	28	336	37			37.33
8	182 + 03	WB	1	12	30	360	40			40
8	182 + 03	WB	2	12	30	360	40			40
8	182 + 03	WB	3	12	30	360	40			40
8	182 + 03	WB	4	12	30	360	40			40
8	182 + 03	WB	5	12	30	360	40			40
8	182 + 03	WB	6	12	30	360	40			40
9	159 + 79	WB	1	12	30	360	40			40
9	159 + 79	WB	2	12	30	360	40			40
9	159 + 79	WB	3	12	30	360	40			40
10	157 + 59	WB	1	12	30	360	40			40
10	157 + 59	WB	2	12	30	360	40			40
10	157 + 59	WB	3	12	30	360	40			40
11	157 + 59	WB	2	12	9	108	12	12		
12	157 + 81	WB	6	12	7	84	9	9.33		
13	159 + 76	WB	2	12	36	432	48			48
13	159 + 76	WB	3	12	36	432	48			48
13	159 + 76	WB	4	12	36	432	48			48
13	159 + 76	WB	5	12	36	432	48			48
13	159 + 76	WB	6	12	36	432	48			48

MODEL: Default
 FILE: M:\MFC_Plan\planroom.dwg
 I:\projects\80-144\CA\Drawings\DOT\Office\District_1\Project\80-144\CA\Drawings\DOT\80-144-PP-PP-Plan.dgn

USER NAME = qureshiya	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
I-80/94 (TORRENCE AVE. TO IL/IN STATE LINE)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	2021-049-PP	COOK	134	8
CONTRACT NO. 62N83			ILLINOIS FED. AID PROJECT	

EB/WB I-80/94 LANE PATCHING CLASS "A" CONTINUED

LOCATION	STA.	DIRECTION (EB/WB)	LANE (1, 2, 3, 4, 5, 6)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	PATCH AREA (SQ. FT)	PATCH AREA (SQ. YD)	TYPE II	TYPE III	TYPE IV
14	221 + 92	EB	3	12	20	240	27			26.67
14	221 + 92	EB	4	12	20	240	27			26.67
14	221 + 92	EB	5	12	20	240	27			26.67
15	221 + 92	WB	1	12	15	180	20		20	
15	221 + 92	WB	2	12	15	180	20		20	
15	221 + 92	WB	3	12	15	180	20		20	
15	221 + 92	WB	4	12	15	180	20		20	
15	221 + 92	WB	5	12	15	180	20		20	
16	159 + 76	WB	2	12	8	96	11	11		

I-394 AT I-80/94 LANE PATCHING CLASS "A"

LOCATION	STA.	DIRECTION (NB/SB)	LANE (1, 2, 3, 4, 5, 6)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	PATCH AREA (SQ. FT)	PATCH AREA (SQ. YD)	TYPE II	TYPE III	TYPE IV
17		NB		12	15	180	20		20	
18		NB		12	15	180	20		20	
19		SB		12	10	120	20	13.33		
20		SB		12	10	120	20	13.33		
21		SB		12	10	120	13.33	13.33		
22		SB		12	10	120	13.33	13.33		
								134	280	1,536

MODEL: Default
 FILE NAME: p:\mhammond.dwt\illinois.gov\PWIDOT\Documents\DOT_Offices\District 1\Projects\I-80 - I-80\I-80\I-80\I-80\I-80\I-80\I-80\I-80\I-80\I-80.dgn

USER NAME = qureshiya	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
 I-80/94 (TORRENCE AVE. TO IL/IN STATE LINE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	2021-049-PP	COOK	134	9
			CONTRACT NO. 62N83	
		ILLINOIS	FED. AID PROJECT	

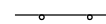
NOTES

1. POSTED SPEED LIMIT IS 55 MPH.
2. WORK ZONE SPEED LIMIT IS 45 MPH FOR ENTIRE LENGTH OF PROJECT.
3. CONFLICTING PAVEMENT MARKING MUST BE COVERED WITH PAVEMENT MARKING BLACKOUT TAPE.
4. CONTRACTOR MUST FOLLOW STANDARD TC-09 FOR LANE SHIFT
5. SIGNING MUST BE PLACED IN ADVANCE OF THE LANE CLOSURE AS PER STANDARD 701400. SIGN W3-5(0)-48 MUST BE INSTALLED. (45 MPH)
6. DRUMS/BARRICADE TYPE MUST FOLLOW IDOT STANDARDS FOR SPECIFIC TYPE AT SPECIFIC LOCATIONS.
7. ALL WORK MUST BE DONE BETWEEN FRIDAY 11:00 PM AND MONDAY 5:00AM
8. ALL TRAFFIC CONTROL ITEMS MUST BE REMOVED BY 5:00 AM MONDAY
9. DETOURS 3 AND 4 (STAGE 2A) WILL NOT BE REQUIRED IF THE MAINTENANCE OF TRAFFIC DEVICES AND SIGNING CAN BE SHIFTED FROM THE PATCH BREAK OUT AND POURING PHASE TO THE CURING PHASE BY 10:00 AM SATURDAY. THIS MUST BE APPROVED BY THE ENGINEER.
10. ALL WORK AND MAINTENANCE OF TRAFFIC MUST BE COORDINATED WITH THE INDIANA DEPARTMENT OF TRANSPORTATION.
11. MOT PLANS ARE NOT INCLUDED FOR STAGE 1B. PARTIAL MOT PLANS ARE INCLUDED FOR STAGES 2B AND 3B. STAGES 1B, 2B AND 3B ARE FOR THE PATCH CURING PHASE. SEE SEQUENCING NOTES.

LEGEND



WORK ZONE



DRUM

- ① WET REFLECTIVE TEMPORARY TAPE TYPE III, 5" WHITE (SKIP DASH) (10' DASH, 30' SPACE)
- ② PAVEMENT MARKING BLACKOUT TAPE, 5" (SKIP DASH) (10' DASH, 30' SPACE)
- ③ PAVEMENT MARKING BLACKOUT TAPE, 5"
- ④ PAVEMENT MARKING BLACKOUT TAPE, 8"
- ⑤ PAVEMENT MARKING BLACKOUT TAPE, 12"
- ⑥ WET REFLECTIVE TEMPORARY TAPE TYPE III, 8" WHITE (SKIP DASH) (3' DASH, 9' SPACE)
- ⑦ WET REFLECTIVE TEMPORARY TAPE TYPE III, 8" WHITE (SOLID LANE LINE)
- ⑧ PAVEMENT MARKING TAPE TYPE III WHITE (LETTERS AND SYMBOLS)

SUGGESTED CONSTRUCTION SEQUENCE

STAGE 1A:

1. INSTALL ALL SIGNING AND DEVICES TO CLOSE LANES 1, 2 AND 3 OF EB AND WB I-80/94.
2. BREAK OUT PAVEMENT IN AREAS TO BE PATCHED. REMOVE ALL DEBRIS OFFSITE.
3. PLACE CONCRETE PATCHES.

STAGE 1B:

DURING THE CONCRETE PATCH CURING PHASE:

1. ADJUST SIGNING AND DEVICES TO OPEN LANE 3 EB AND WB PER APPLICABLE IDOT STANDARDS.
2. AFTER CURING PERIOD, REMOVE ALL SIGNING AND DEVICES AND FULLY OPEN I-80/94.

STAGE 2A:

1. INSTALL ALL SIGNING AND DEVICES TO CLOSE EB I-80 EXIT RAMP TO TORRENCE AVE., EB I-94 EXIT TO TORRENCE AVE., NB I-394 EXIT TO EB AND WB I-80, EB I-94 AND NB I-294, AND TORRENCE AVE. ENTRANCE RAMP TO EB I-80.
2. INSTALL ALL DETOUR SIGNING.
3. INSTALL ALL SIGNING AND DEVICES TO CLOSE LANES 3,4, 5 and 6 OF EB AND LANES 4, 5 AND 6 OF WB I-80/94
4. LANE 2 NARROWED TO 10' ON EB I-80/94.
5. INSTALL ALL SIGNING AND DEVICES TO CLOSE LANES 2 AND 3 OF WB I-94 AND EXIT TO I-394 SB
6. LANE 1 SHIFTED PARTIALLY ON TO SHOULDER ON WB I-94 AND EXIT TO I-394 SB
7. BREAK OUT PAVEMENT IN AREAS TO BE PATCHED. REMOVAL ALL DEBRIS OFFSITE.
8. PLACE CONCRETE PATCHES.

STAGE 2B:

DURING THE CONCRETE PATCH CURING PHASE:

1. ADJUST SIGNING AND DEVICES TO OPEN LANE 4 WB I-80/94 PER APPLICABLE IDOT STANDARDS.
2. ADJUST SIGNING AND DEVICES TO REINSTATE LANE 2 EB I-80/94 TO 12' PER APPLICABLE IDOT STANDARDS.
3. ADJUST ALL SIGNING AND DEVICES TO OPEN EB I-80 EXIT RAMP TO TORRENCE AVE., EB I-94 EXIT TO TORRENCE AVE. AND NB I-394 EXIT TO EB AND WB I-80, EB I-94 AND NB I-294, AND TORRENCE AVE. ENTRANCE RAMP TO EB I-80. REMOVE DETOUR SIGNING.
4. ADJUST SIGNING AND DEVICES TO SHIFT LANE 1 BACK OFF OF SHOULDER ON WB I-94 AND EXIT TO I-394 SB PER APPLICABLE IDOT STANDARDS.
5. AFTER CURING PERIOD, REMOVE ALL SIGNING AND DEVICES AND FULLY OPEN I-80/94.

STAGE 3A

1. INSTALL ALL SIGNING AND DEVICES TO CLOSE TORRENCE AVE. ENTRANCE RAMP TO EB I-80.
2. INSTALL ALL DETOUR SIGNING
3. INSTALL ALL SIGNING AND DEVICES TO CLOSE LANES 4, 5 and 6 OF EB AND LANES 3, 4, 5 AND 6 OF WB I-80/94.
4. INSTALL ALL SIGNING AND DEVICES TO CLOSE LANE 1 OF WB I-94 AND EXIT TO I-394 SB
5. LANE 2 NARROWED TO 10' ON WB I-94 AND EXIT TO I-394
6. BREAK OUT PAVEMENT IN AREAS TO BE PATCHED. REMOVAL ALL DEBRIS OFFSITE.
7. PLACE CONCRETE PATCHES.

STAGE 3B

DURING THE CONCRETE PATCH CURING PHASE:

1. ADJUST SIGNING AND DEVICES TO OPEN LANES 5 AND 6 WB I-80/94 PER APPLICABLE IDOT STANDARDS. FOR I-94 TRAFFIC.
2. ADJUST SIGNING AND DEVICES TO REINSTATE LANE 2 WB I-80/94 TO 12' PER APPLICABLE IDOT STANDARDS.
3. ADJUST ALL SIGNING AND DEVICES TO OPEN TORRENCE AVE. ENTRANCE RAMP TO EB I-80. REMOVE DETOUR SIGNING.
4. ADJUST SIGNING AND DEVICES TO REINSTATE LANE 2 TO 12' ON WB I-94 AND EXIT TO I-394 SB PER APPLICABLE IDOT STANDARDS.
5. OPEN LANE 4 EB I-80/94 PER APPLICABLE IDOT STANDARDS.
6. AFTER CURING PERIOD, REMOVE ALL SIGNING AND DEVICES AND FULLY OPEN I-80/94.

MODEL NUMBER: M101
FILE NAME: 21115

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

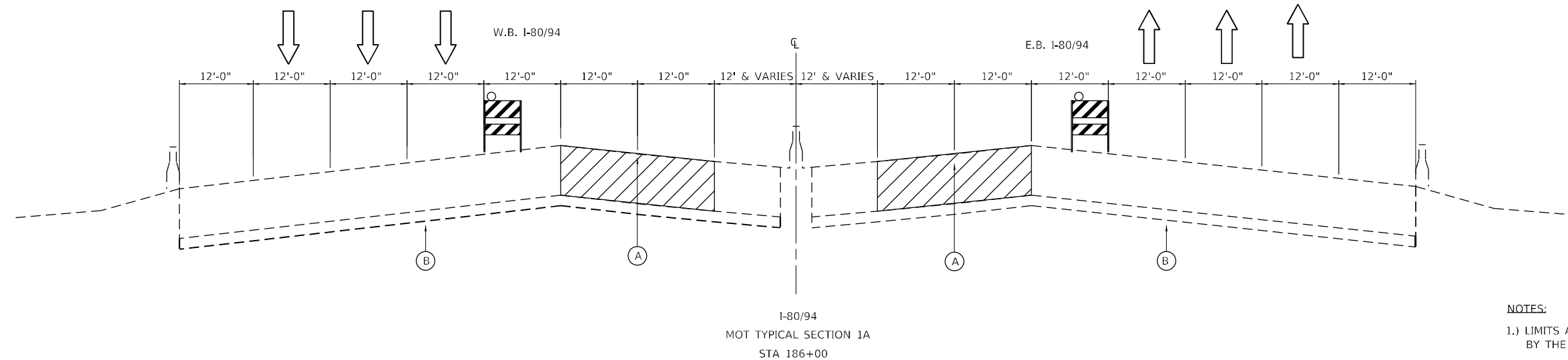
**MAINTENANCE OF TRAFFIC GENERAL NOTES
I-80-94 (TORRENCE AVE. TO I/IIN STATE LINE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	10
JOB NO.		CONTRACT NO. 62N83		
		ILLINOIS FED. AID PROJECT		

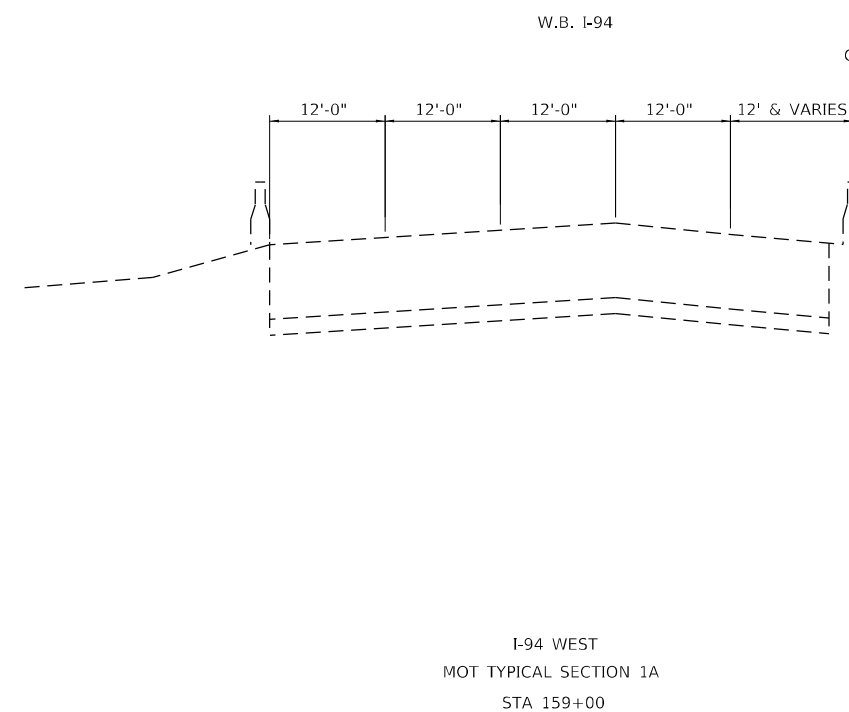
LEGEND - EXISTING

- (A) CRC PAVEMENT, 14"
- (B) SUB-BASE GRANULAR MATERIAL



NOTES:

- 1.) LIMITS AND LOCATIONS OF PATCHING WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.



MODEL NUMBER: 11/15/15
FILE NAME: 11/15/15

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

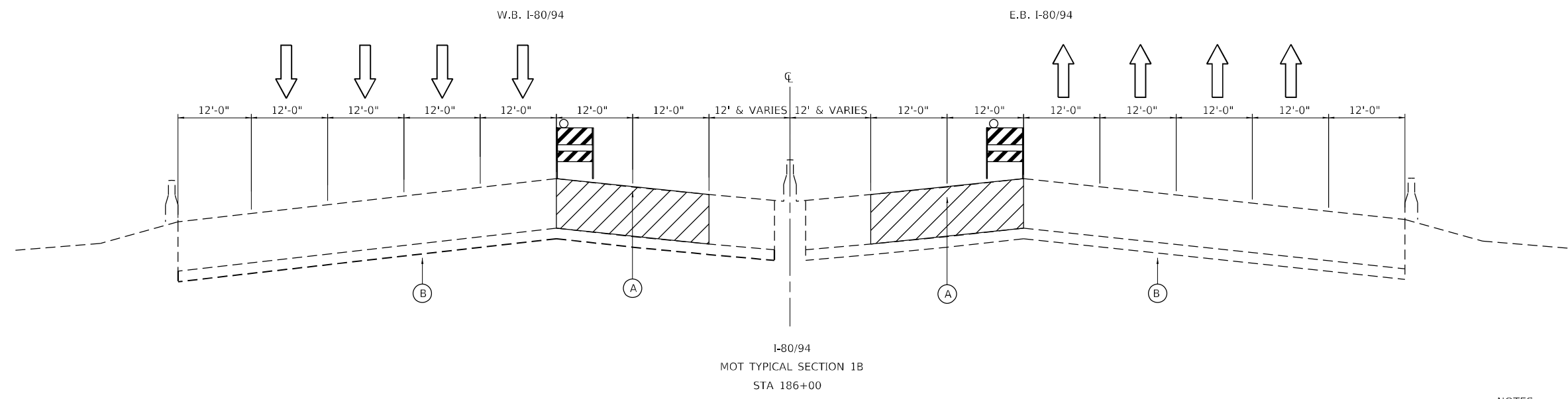
**MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
I-80-94 (TORRENCE AVE. TO I/IN STATE LINE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	11
JOB NO.		CONTRACT NO. 62N83		
ILLINOIS FED. AID PROJECT				

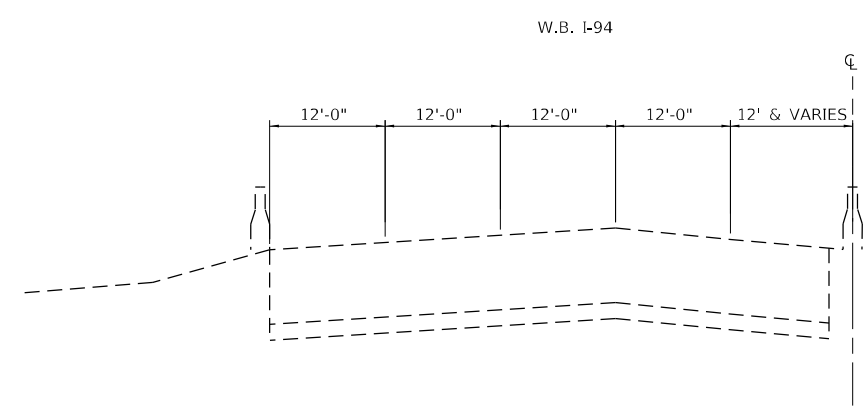
LEGEND - EXISTING

- (A) CRC PAVEMENT, 14"
- (B) SUB-BASE GRANULAR MATERIAL



NOTES:

1.) LIMITS AND LOCATIONS OF PATCHING WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.



MODEL NUMBER: M186
FILE NAME: 211215

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

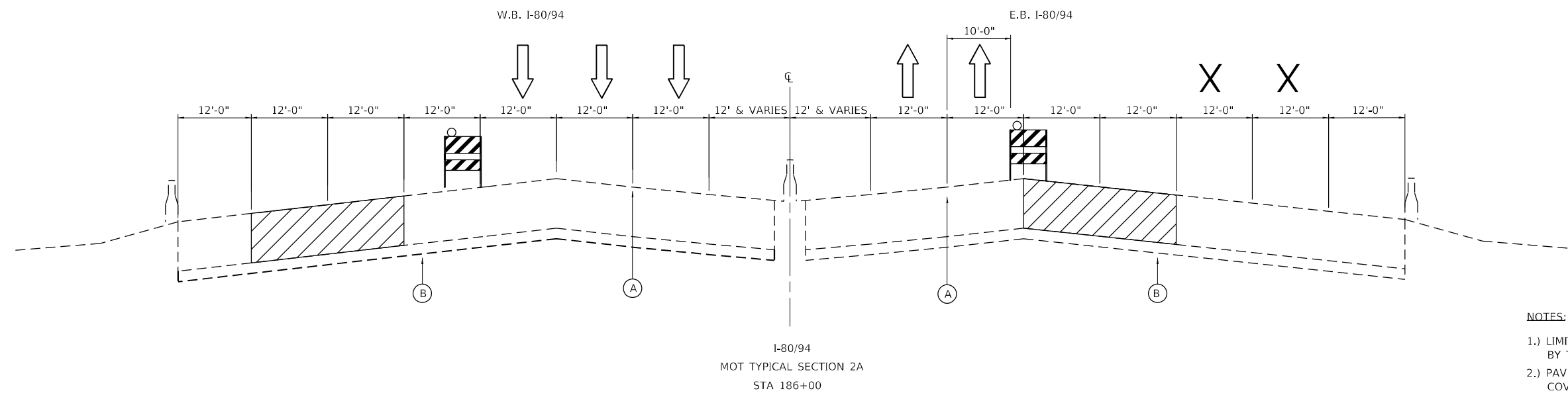
**MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
I-80-94 (TORRENCE AVE. TO ILLIN STATE LINE)**

SCALE: SHEET OF SHEETS STA. TO STA.

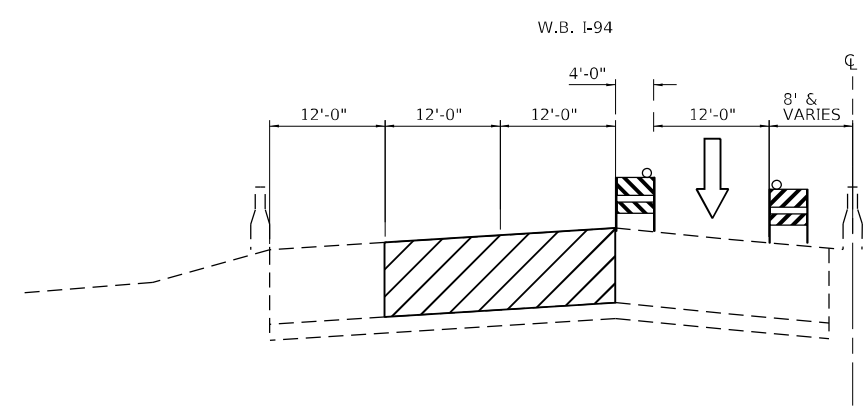
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	12
JOB NO.		CONTRACT NO. 62N83		
ILLINOIS FED. AID PROJECT				

LEGEND - EXISTING

- (A) CRC PAVEMENT, 14"
- (B) SUB-BASE GRANULAR MATERIAL



- NOTES:
- 1.) LIMITS AND LOCATIONS OF PATCHING WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.
 - 2.) PAVEMENT MARKING BLACKOUT TAPE TO BE USED TO COVER INSIDE SHOULDER YELLOW LINE ON I-94 WEST IN STAGE 2A



I-94 WEST
MOT TYPICAL SECTION 2A
STA 159+00

MODEL NUMBER: 11/15/15
FILE NAME: 211515

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC TYPICAL SECTIONS			
I-80-94 (TORRENCE AVE. TO I/IN STATE LINE)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

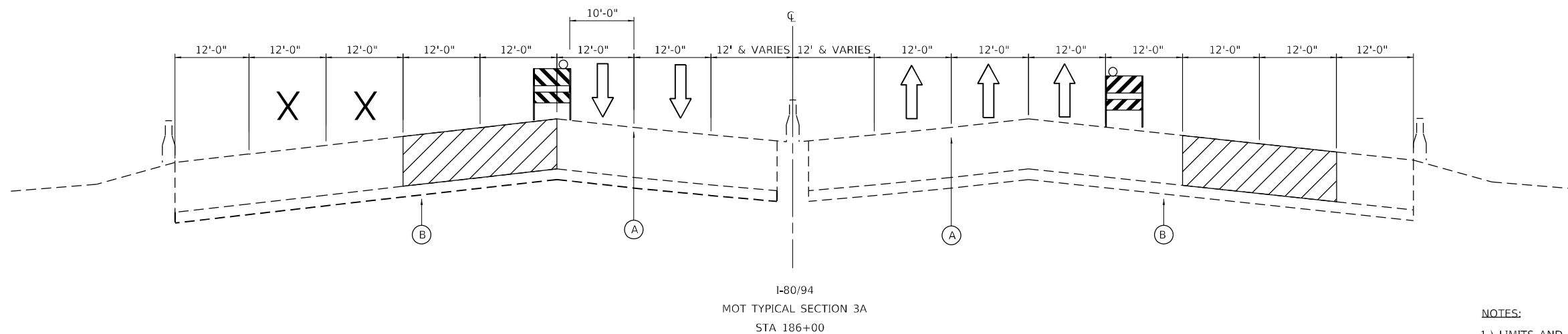
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	13
JOB NO.		CONTRACT NO. 62N83		
ILLINOIS FED. AID PROJECT				

W.B. I-80/94

E.B. I-80/94

LEGEND - EXISTING

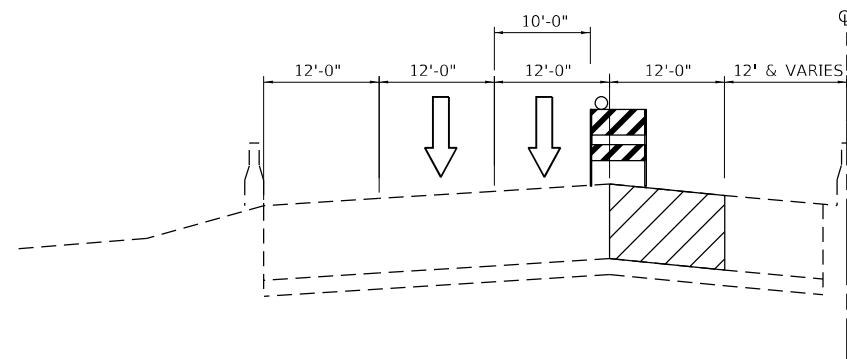
- (A) CRC PAVEMENT, 14"
- (B) SUB-BASE GRANULAR MATERIAL



NOTES:

1.) LIMITS AND LOCATIONS OF PATCHING WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

W.B. I-94



MODEL NUMBER: M101
FILE NAME: 211115

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
I-80-94 (TORRENCE AVE. TO I/IN STATE LINE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	15
JOB NO.		CONTRACT NO. 62N83		
ILLINOIS FED. AID PROJECT				

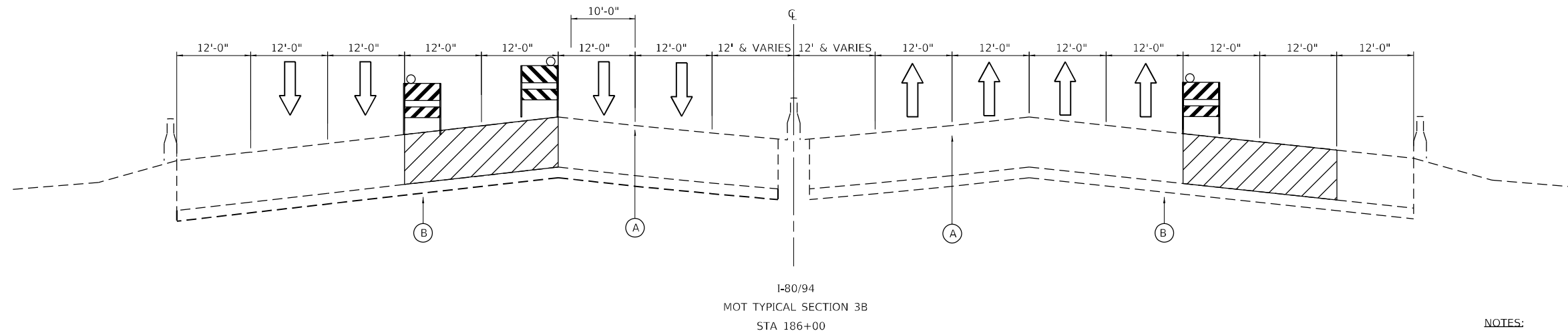
W.B. I-80/94

E.B. I-80/94

LEGEND - EXISTING

(A) CRC PAVEMENT, 14"

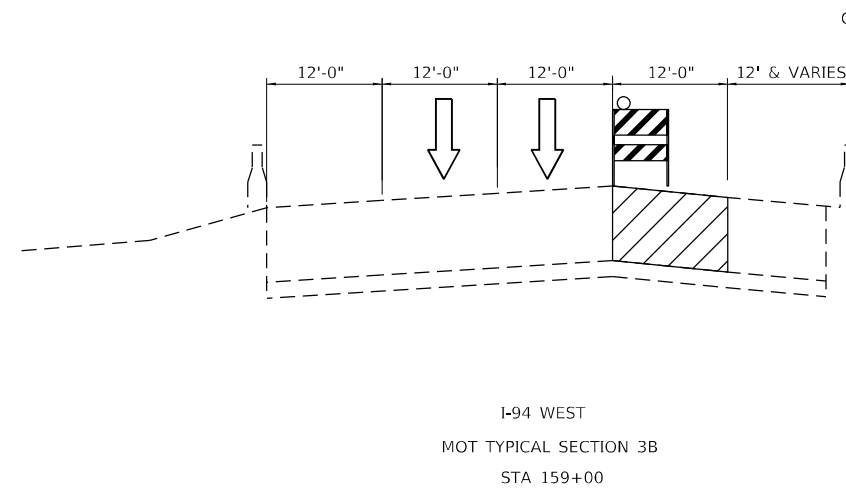
(B) SUB-BASE GRANULAR MATERIAL



NOTES:

1.) LIMITS AND LOCATIONS OF PATCHING WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

W.B. I-94



MODEL NUMBER
FILE NUMBER SHEETS

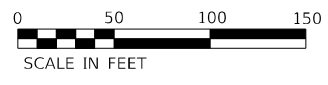
USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

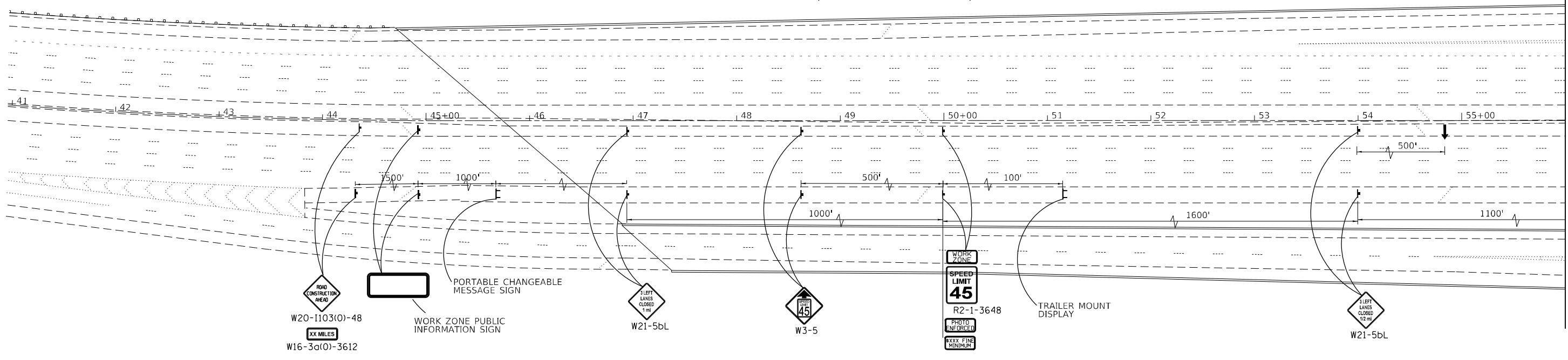
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
I-80-94 (TORRENCE AVE. TO I/IN STATE LINE)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	16
JOB NO.		CONTRACT NO. 62N83		
ILLINOIS FED. AID PROJECT				



I-294/I-80/I-94
(KINGERY EXPRESSWAY)

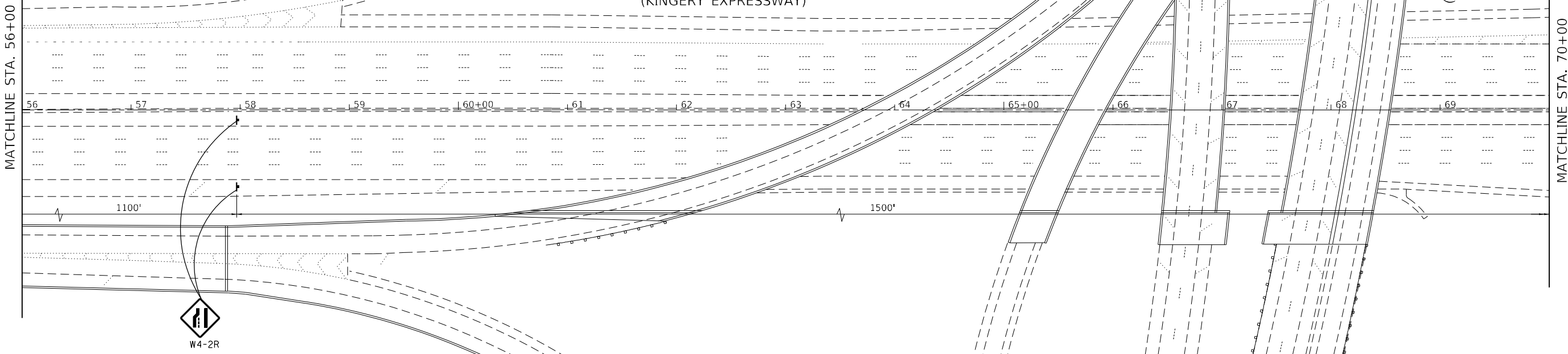


MATCHLINE STA. 56+00



I-294/I-80/I-94
(KINGERY EXPRESSWAY)

I-94
(BISHOP FORD FREEWAY)



MATCHLINE STA. 56+00

MATCHLINE STA. 70+00

MODEL: D:\civ\h
FILE NAME: 20210413\20210413-10\Drawings\01-2021-04-13-1078-2200-1.dwg

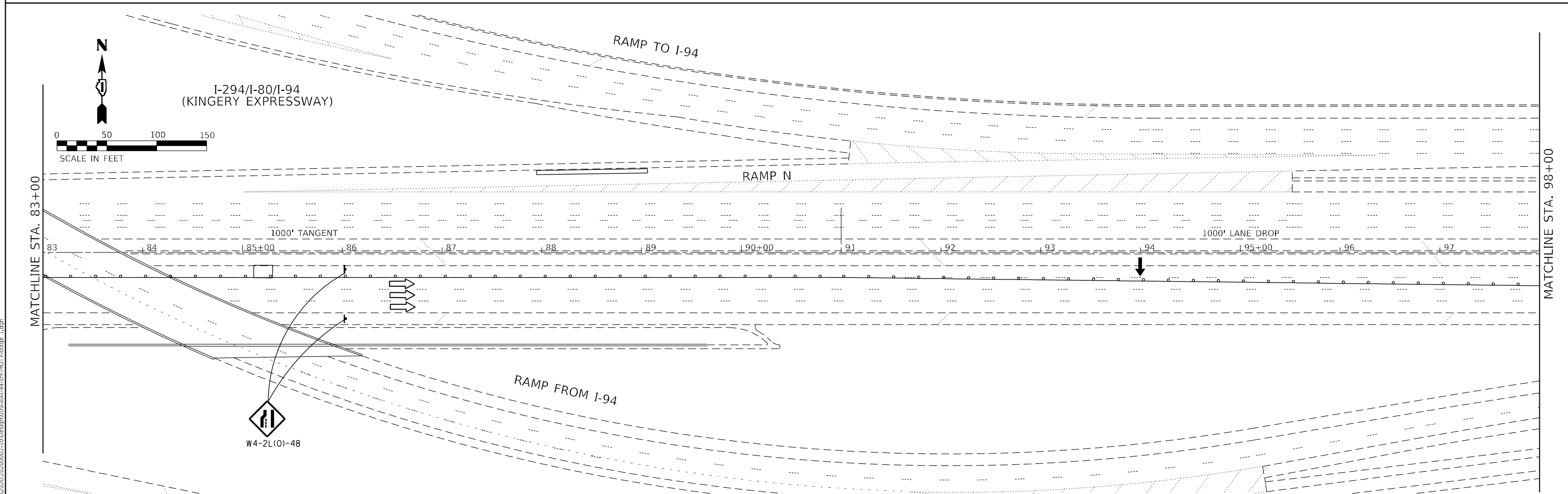
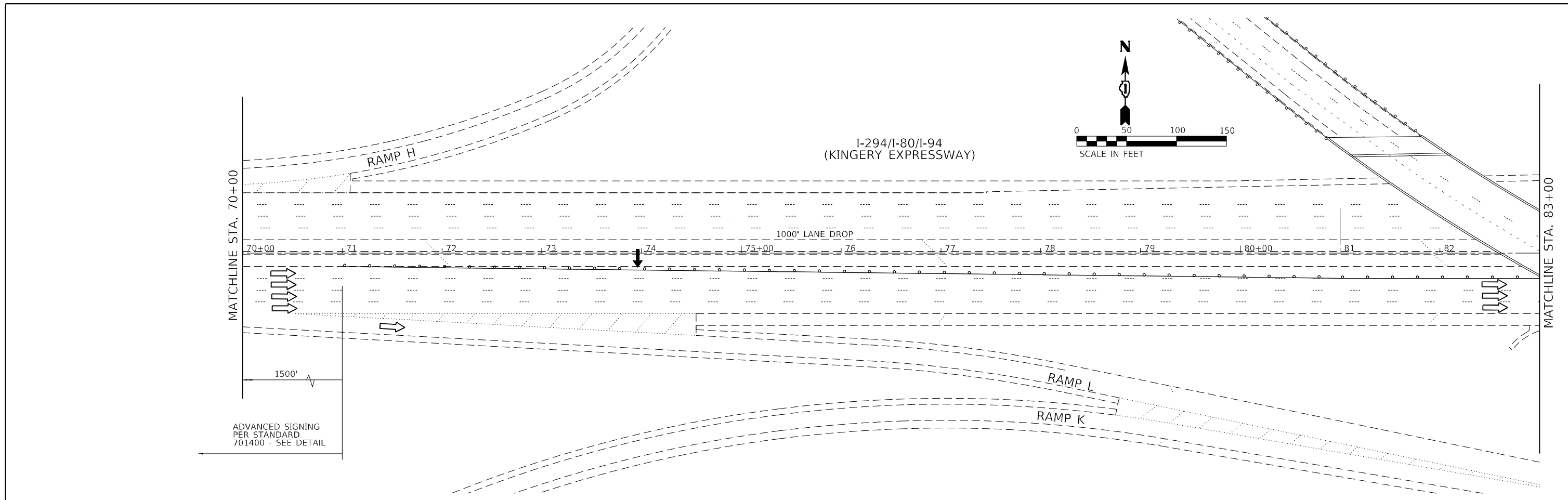
USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 1A
I-80-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	17
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N83	

SCALE: SHEET OF SHEETS STA. TO STA.



MODEL: D:\64bit
 FILE NAME: Z:\CH3202020200002-10\Drawings\01-80-94-94-107-2-2006_1.dwg

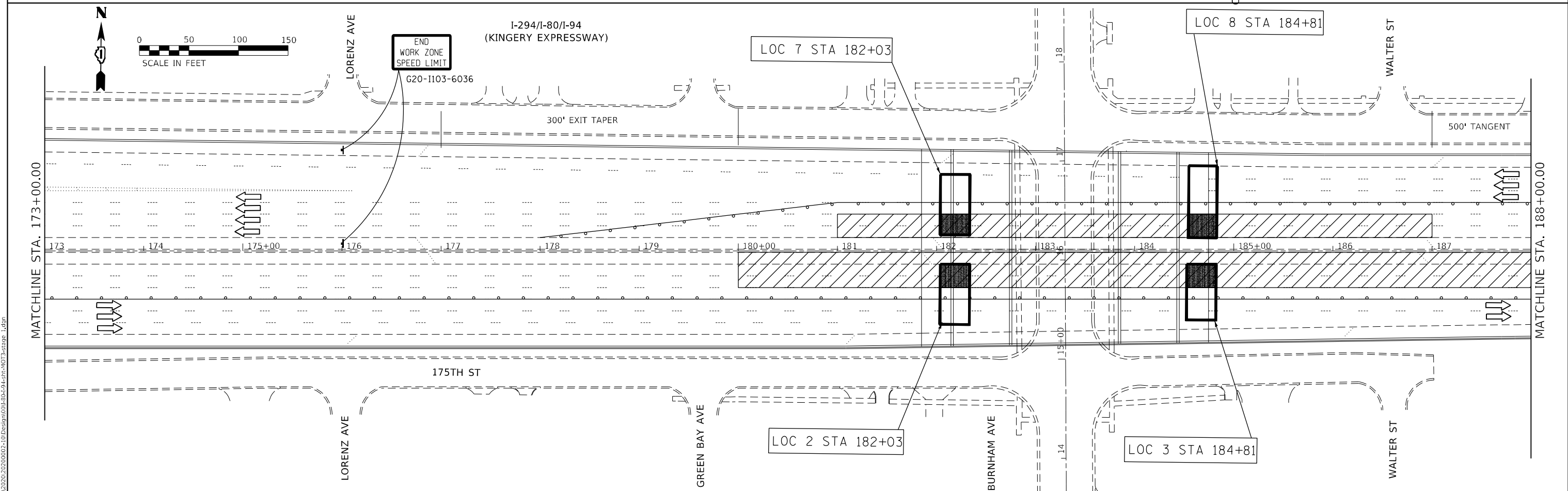
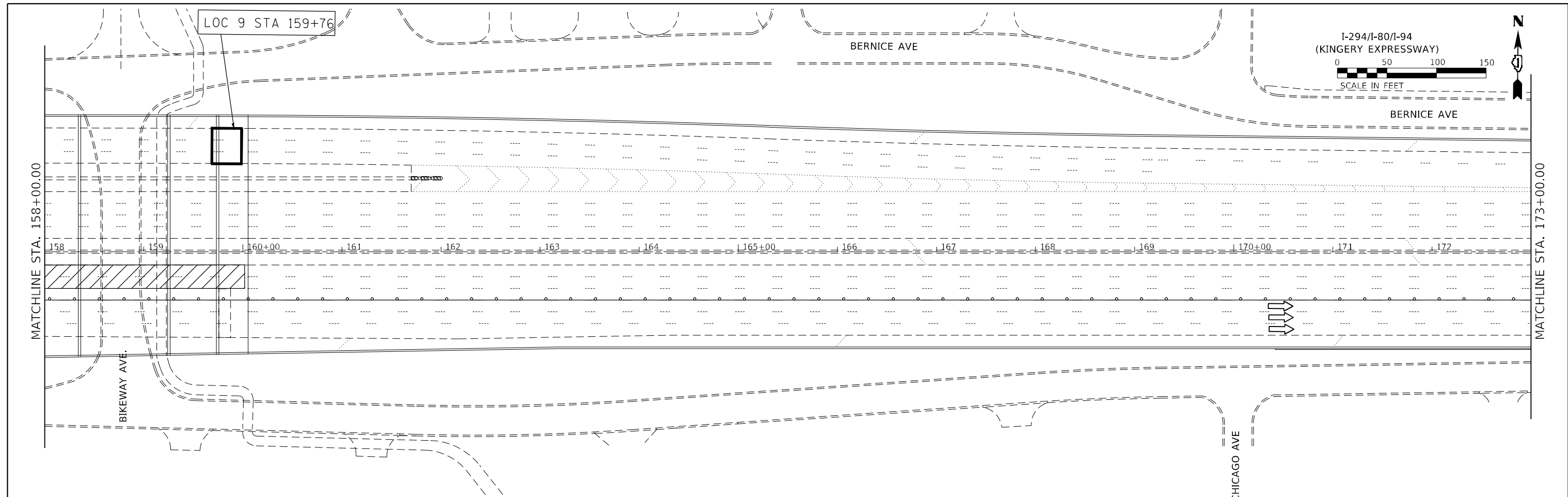
USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 1A
I-80-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	18
CONTRACT NO. 62N83				
ILLINOIS FED. AID PROJECT				



MODEL: D:\p4\h
 FILE NAME: 2021042020200002-10\Drawings\01-80-94-PP-1073-2200 1.dwg

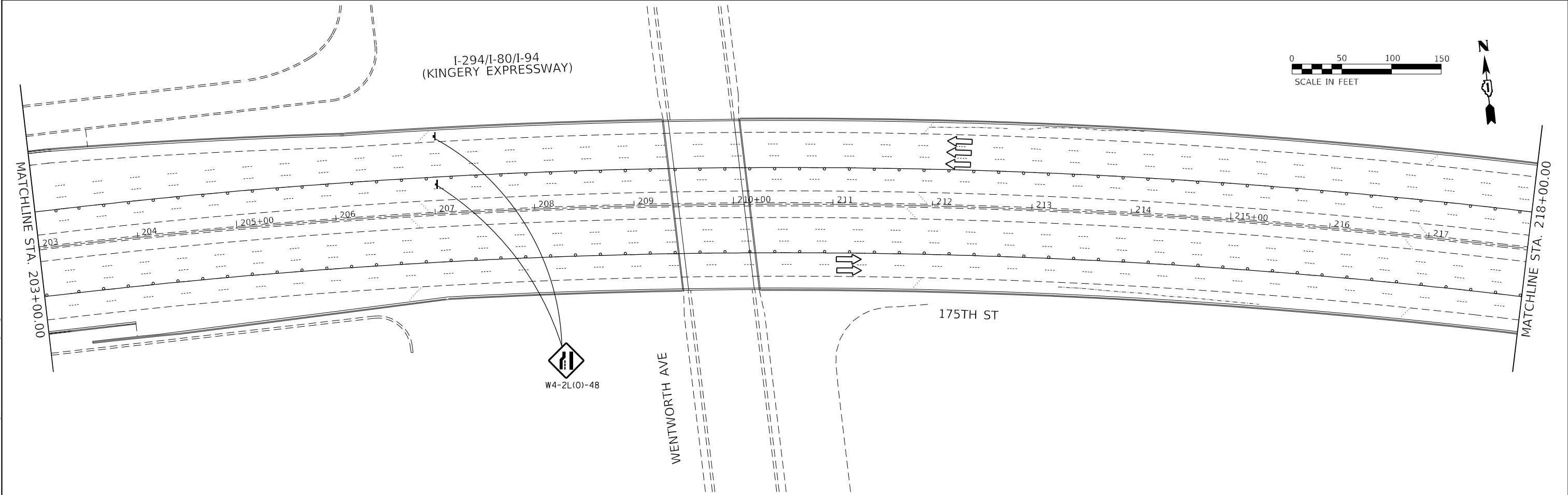
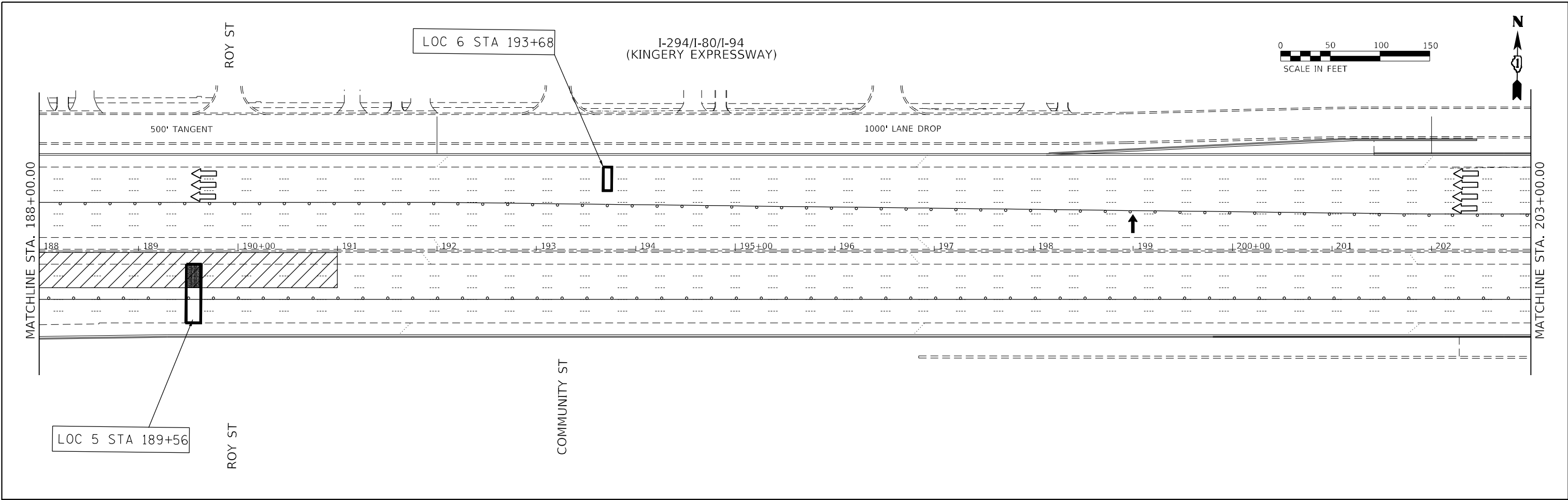
USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 1A
I-804-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N83	



MODEL: D:\civ\it
 FILE NAME: 2021049-PP\2021049-PP\101\Drawings\2021049-PP\101\Drawings\1.dwg

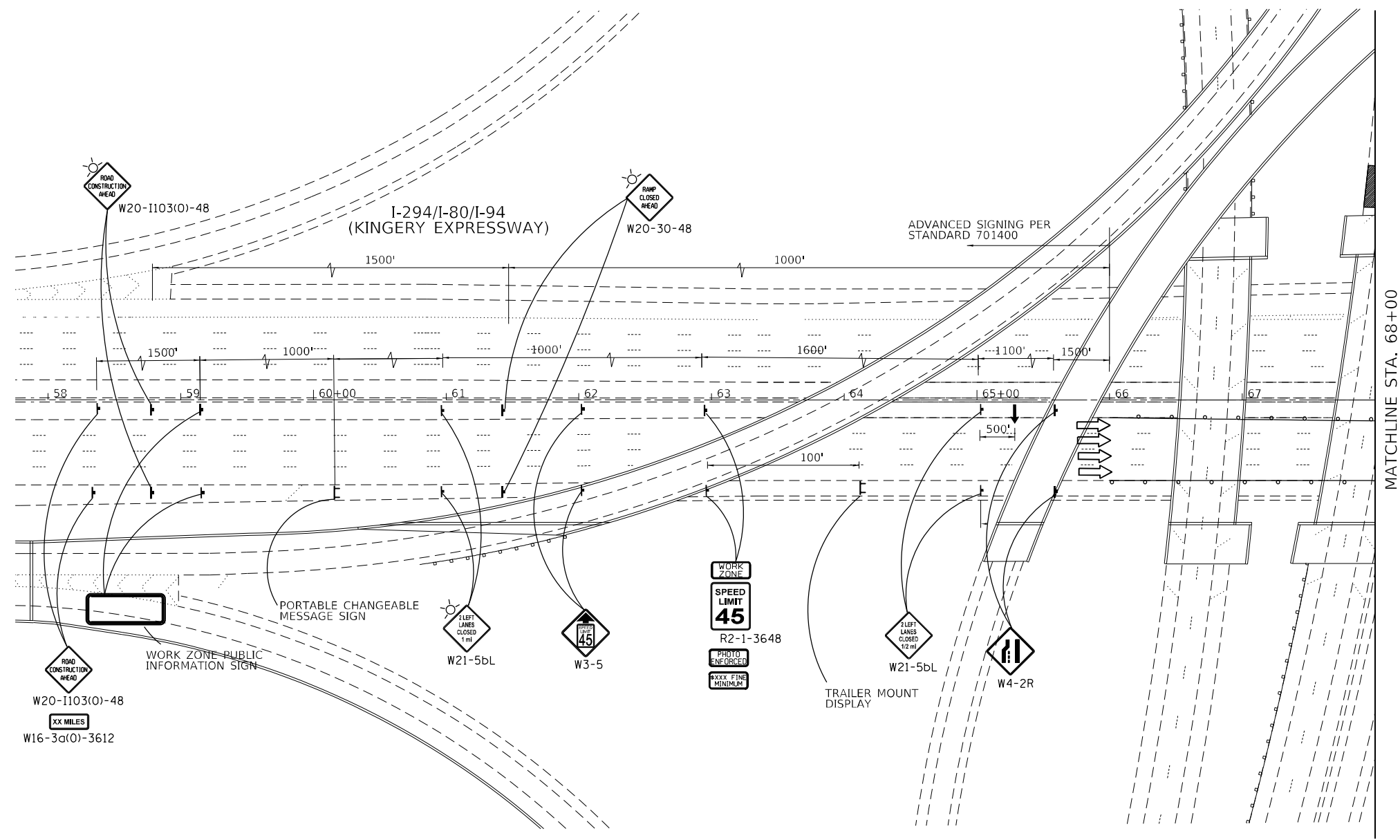
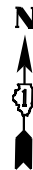
USER NAME = \$USER\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 1A
I-80-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	22
CONTRACT NO. 62N83				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



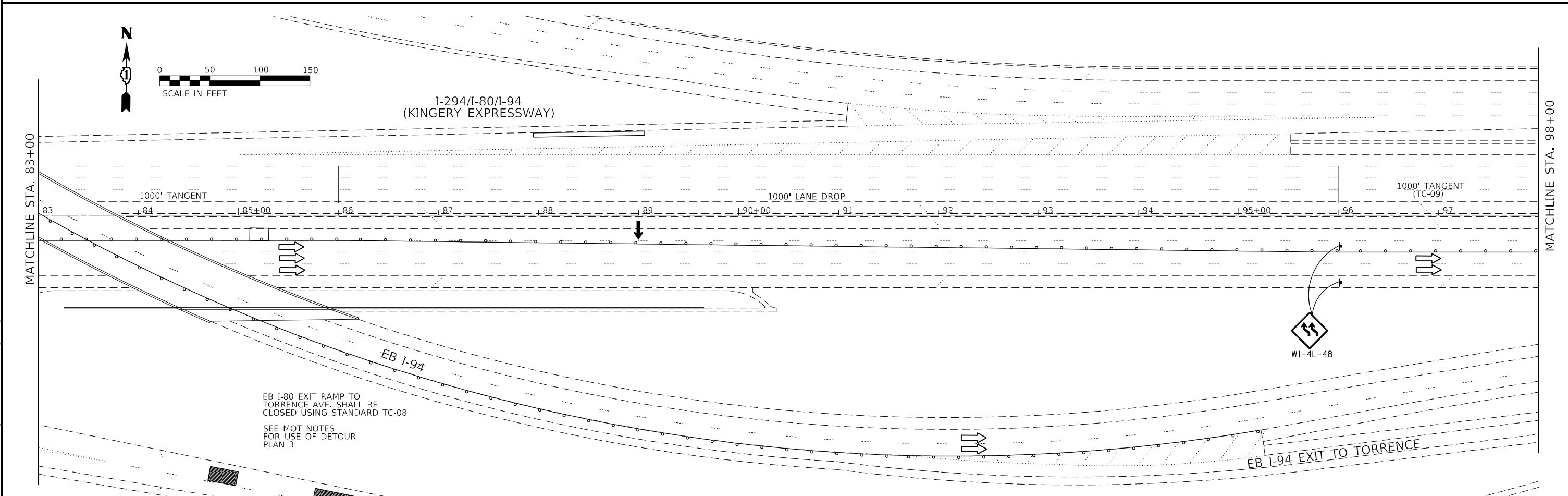
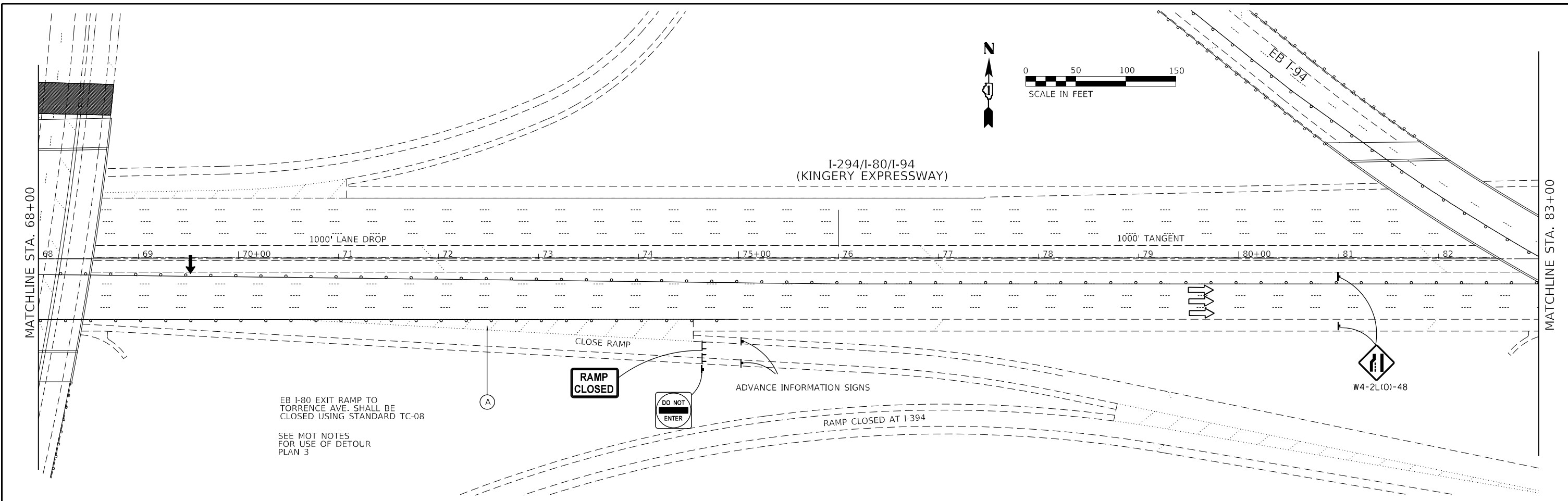
MODEL: P:\64\11
 FILE NAME: Z:\CH\2020\20200002-10\Drawings\01-80-1-94-1-11-1078-2200-2A.dwg

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 2A			
I-80-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	25
JOB NO.		CONTRACT NO. 62N83		
ILLINOIS FED. AID PROJECT				



MODEL: D:\64bit
 FILE NAME: Z:\CH3202\20200002-10\DESR00\01-94-1-1077-2500-2A.dwg

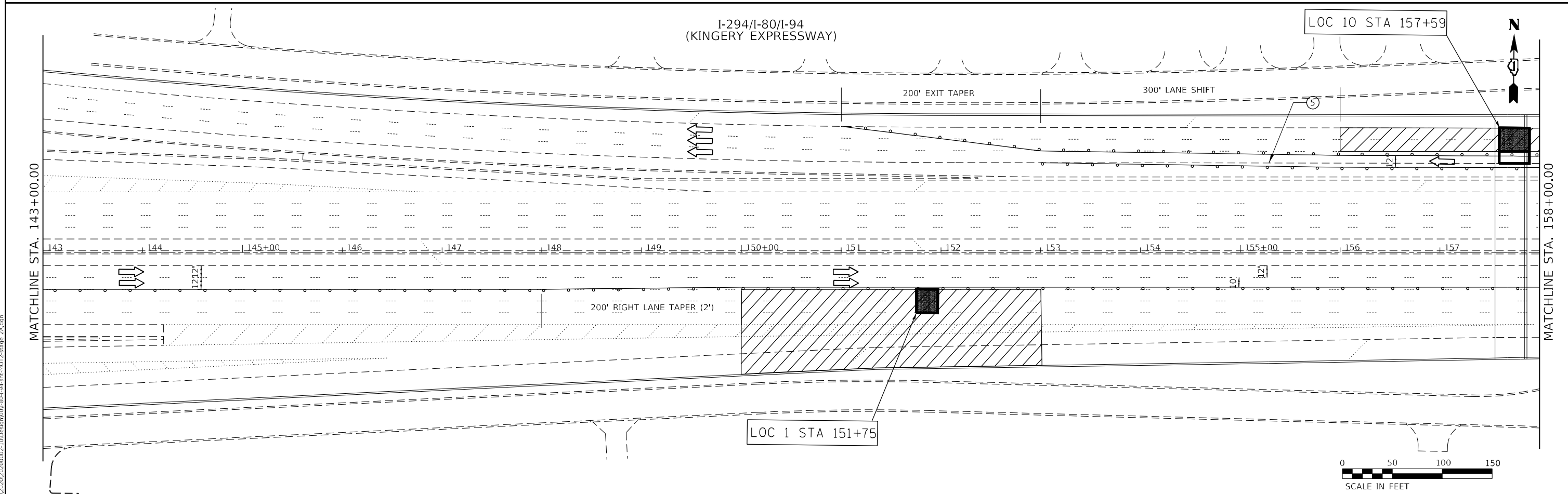
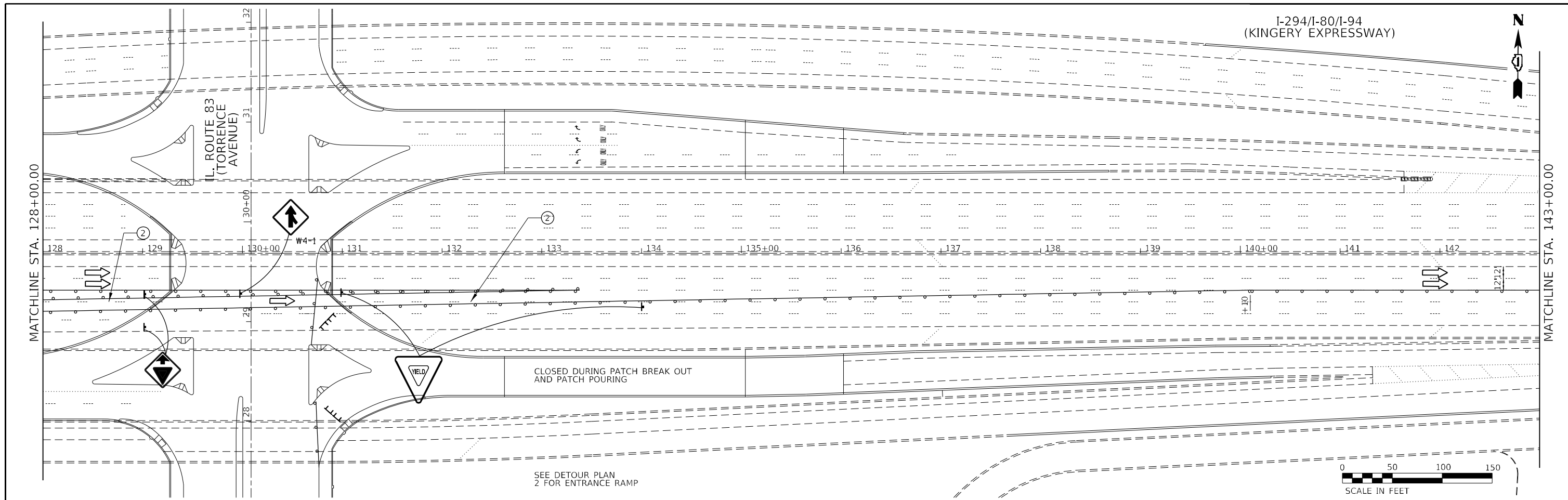
USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -
PLOT DATE = 5/13/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 2A
I-80-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	26
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N83	

SCALE: SHEET OF SHEETS STA. TO STA.



MODEL: D:\p4\h
 FILE NAME: Z:\CH3\2020\20200002-10\Drawings\01-80-1-94-1-1072-2500-2A.dwg

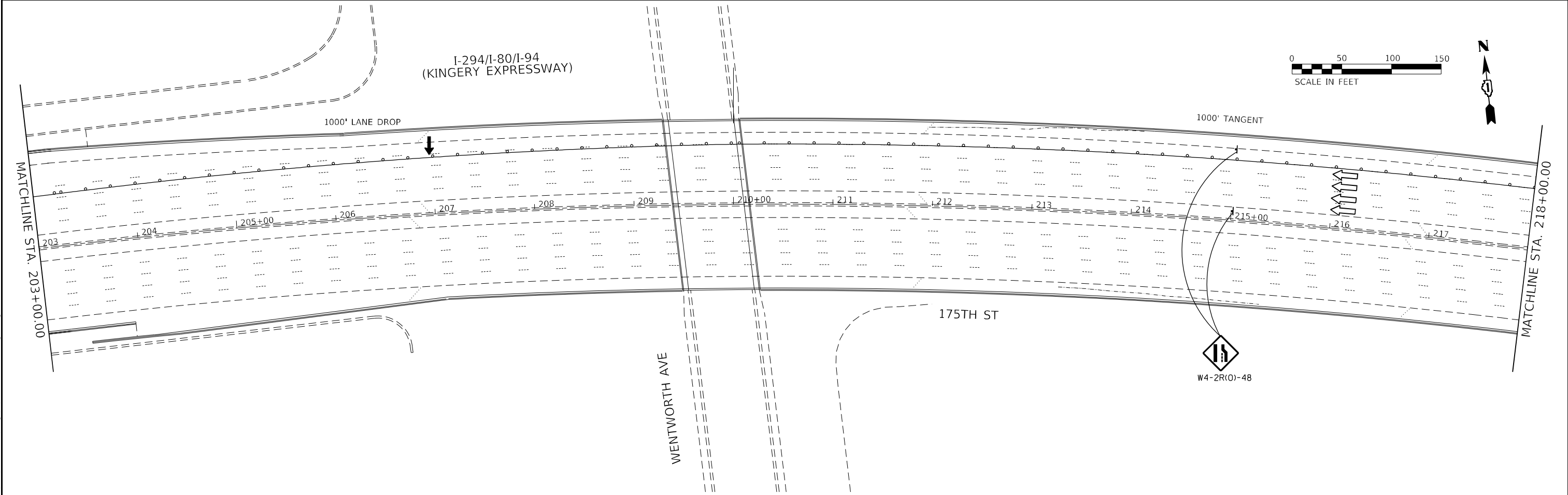
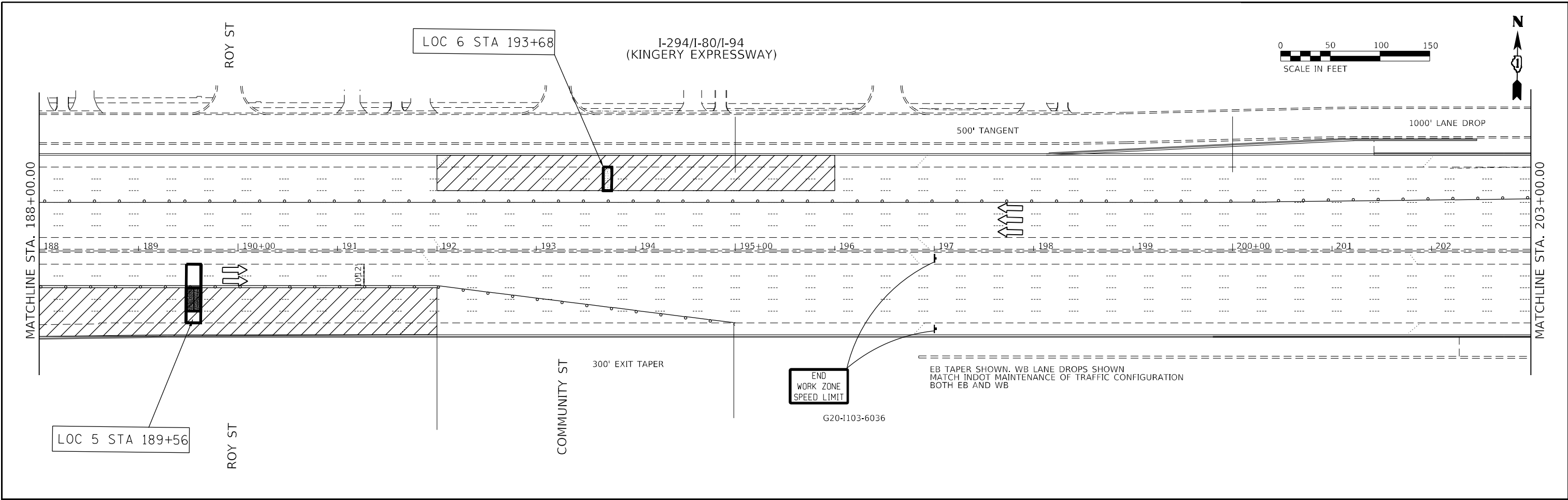
USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 2A
 I-80-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	28
CONTRACT NO. 62N83				
ILLINOIS FED. AID PROJECT				



MODEL: P:\6464\1
 FILE NAME: 2021049-PP\2021049-PP\101-201-2021049-PP\101-201-2021049-PP\2A.dwg

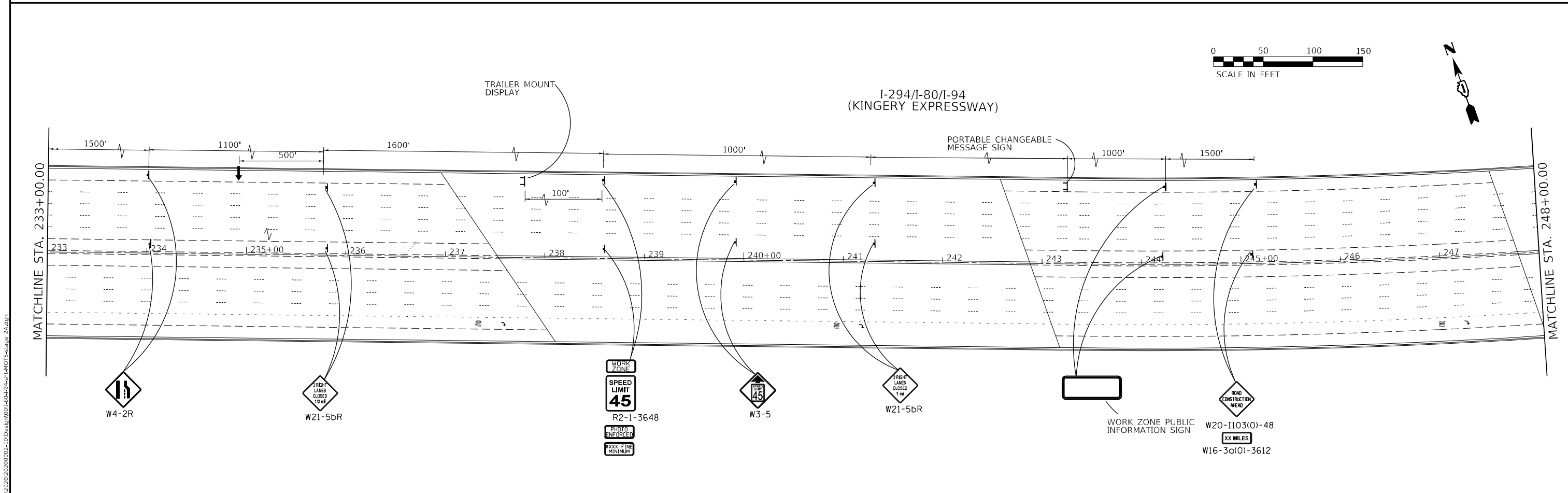
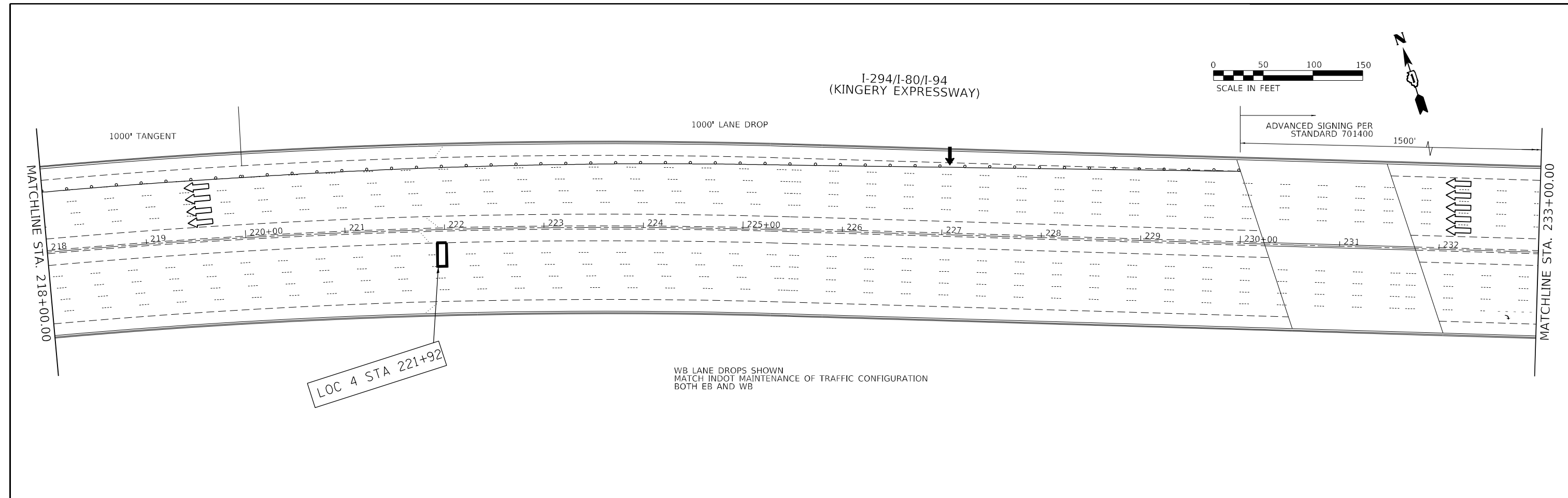
USER NAME = \$USER\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 2A
I-80-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	30
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N83	

SCALE: SHEET OF SHEETS STA. TO STA.



MODEL: D:\c\m\...
 FILE NAME: X:\CH\2020\20200002-101\Drawings\1001-504-94-11-MOTS-scale 2A.dwg

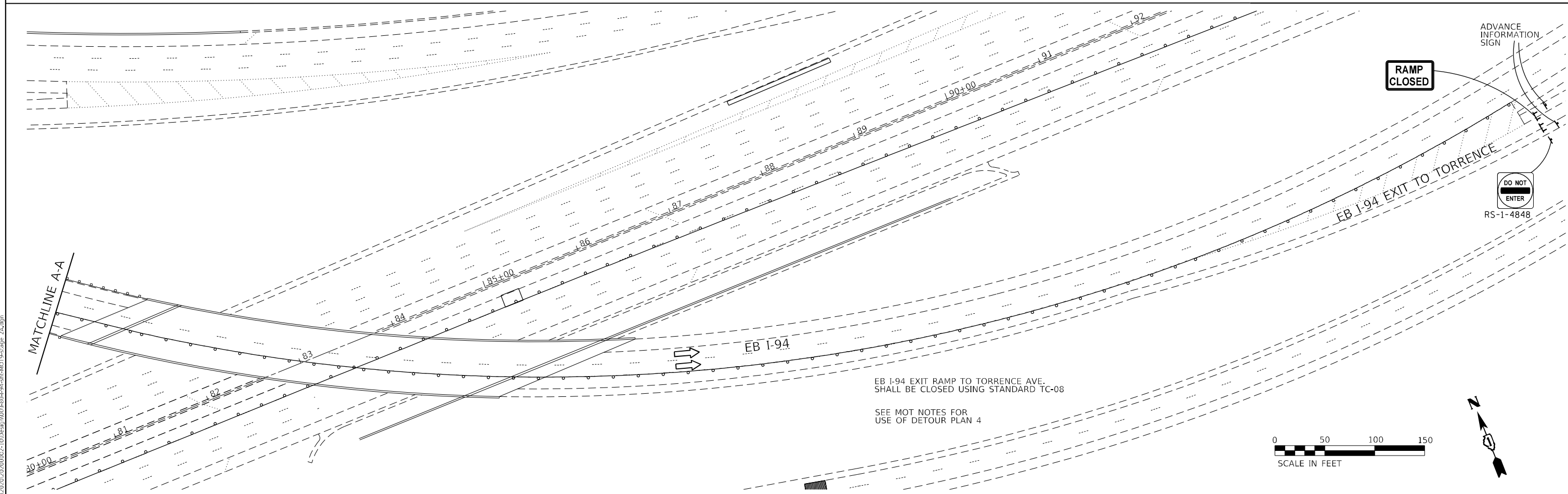
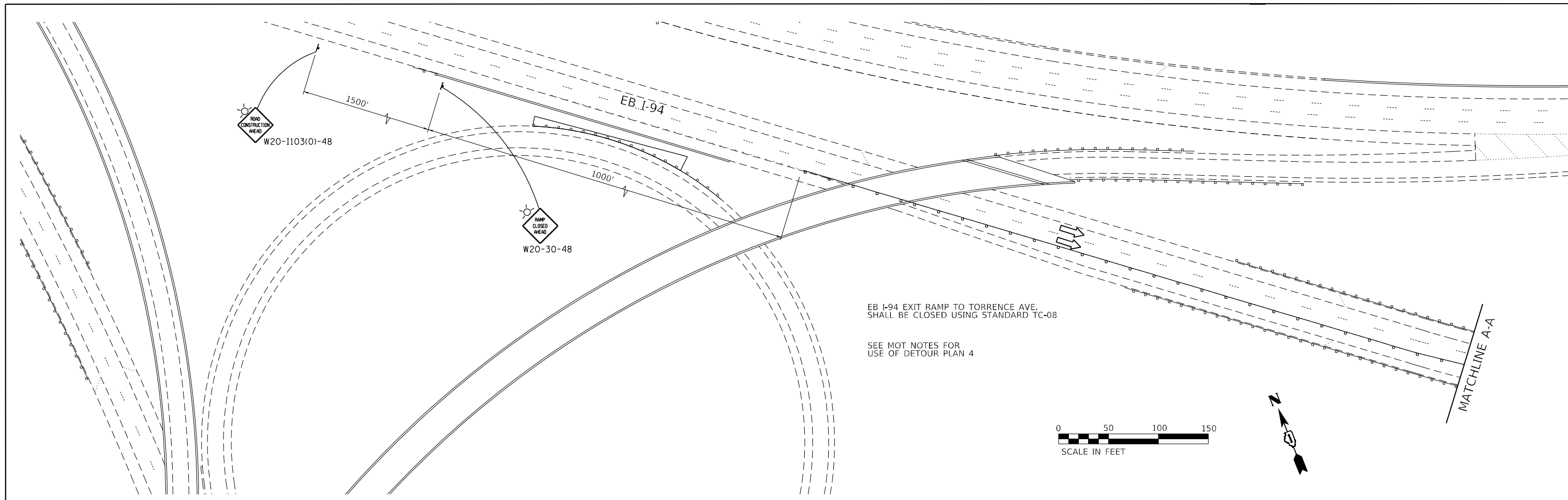
USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 2A
I-80-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	31
CONTRACT NO. 62N83			ILLINOIS FED. AID PROJECT	

SCALE: SHEET OF SHEETS STA. TO STA.



MODEL: D:\m\j\...
 FILE: I:\...

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

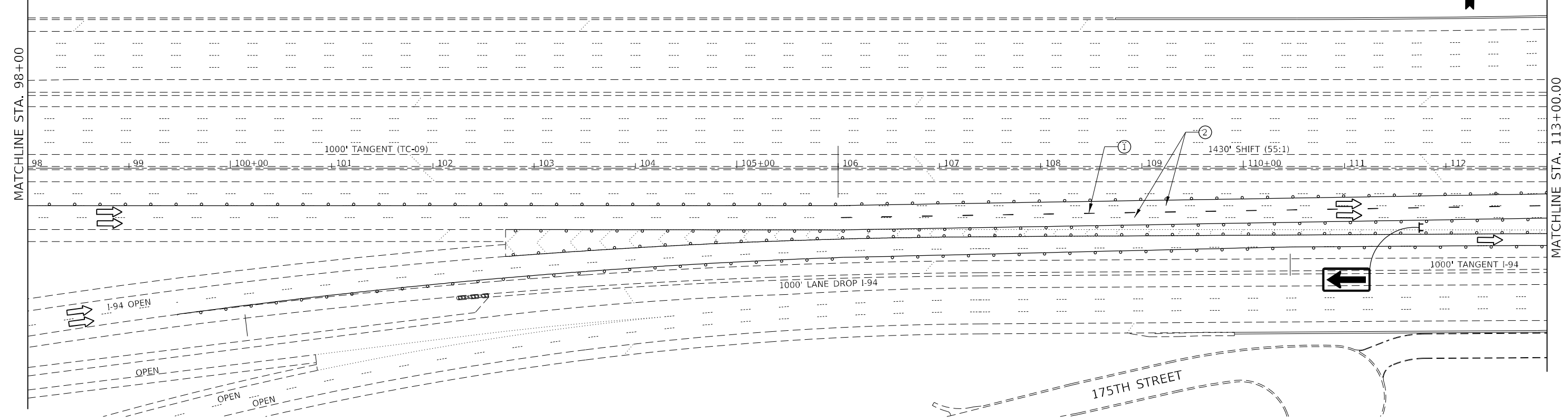
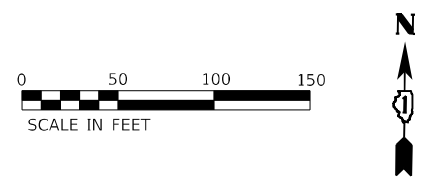
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 2A
I-80-I-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)**

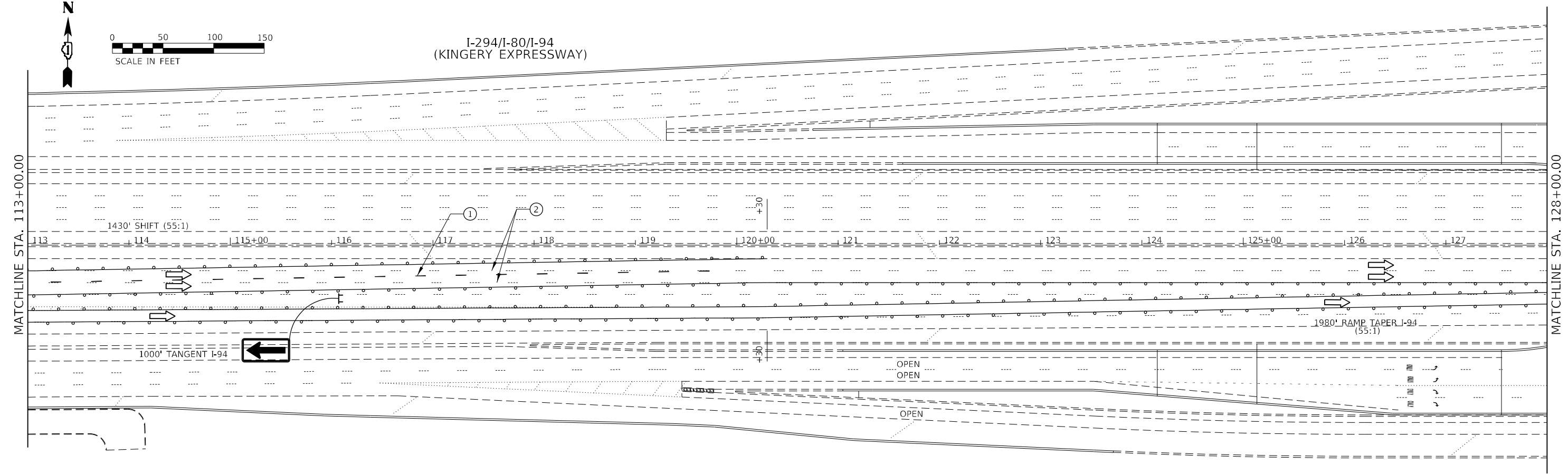
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	33
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N83	

I-294/I-80/I-94
(KINGERY EXPRESSWAY)



I-294/I-80/I-94
(KINGERY EXPRESSWAY)



MODEL: D:\64\11
 FILE NAME: 20210409\20210409-10\Drawings\01-94-I-94-PC-MOT-1-23-2021-28.dwg

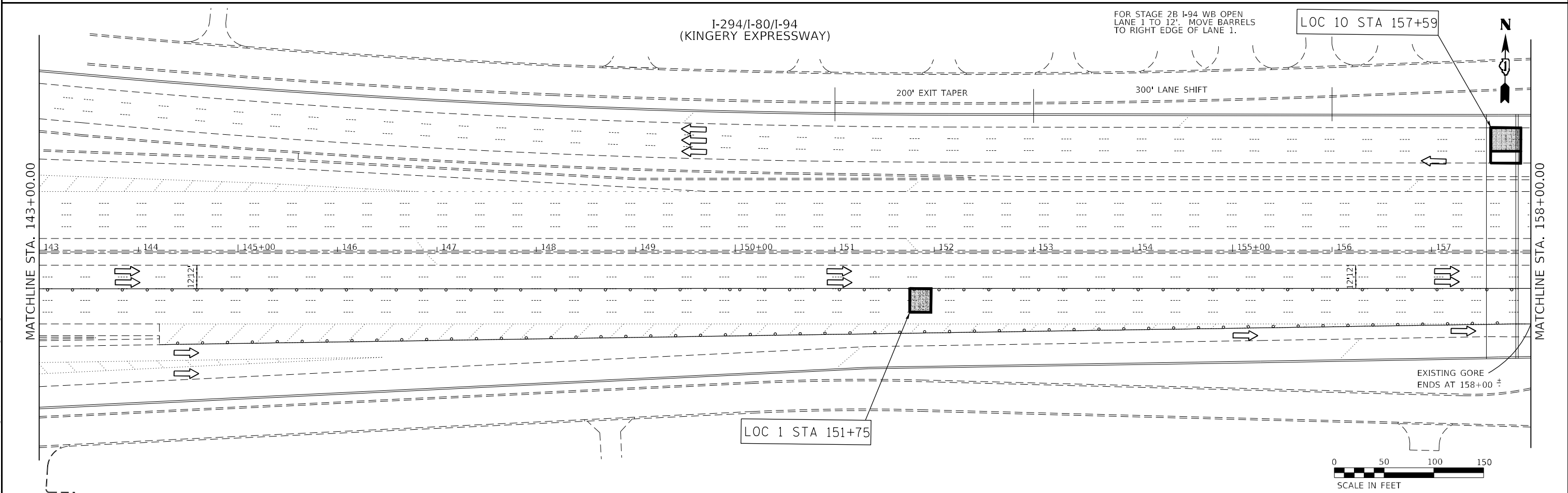
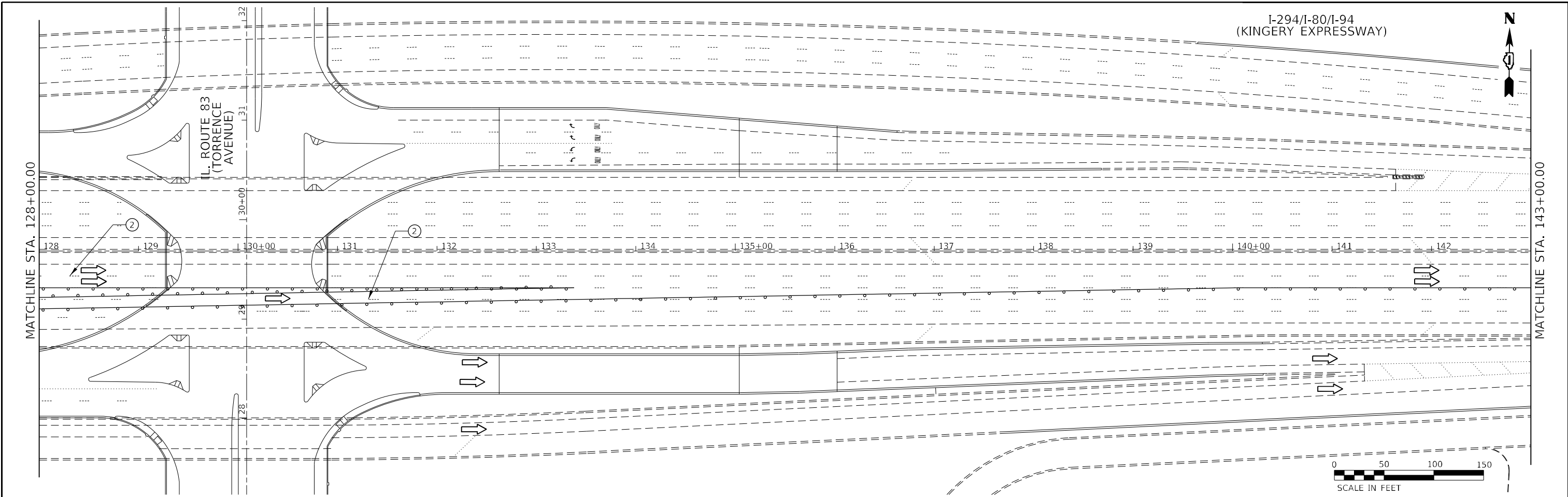
USER NAME = \$USERS	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 2B
I-80-I-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	35
CONTRACT NO. 62N83			ILLINOIS FED. AID PROJECT	

SCALE: SHEET OF SHEETS STA. TO STA.



MODEL: D:\64\11
 FILE NAME: Z:\CH3\2020\20200002-10\DESR00\001\04-104-11-1072-2500_28.dwg

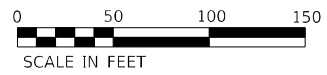
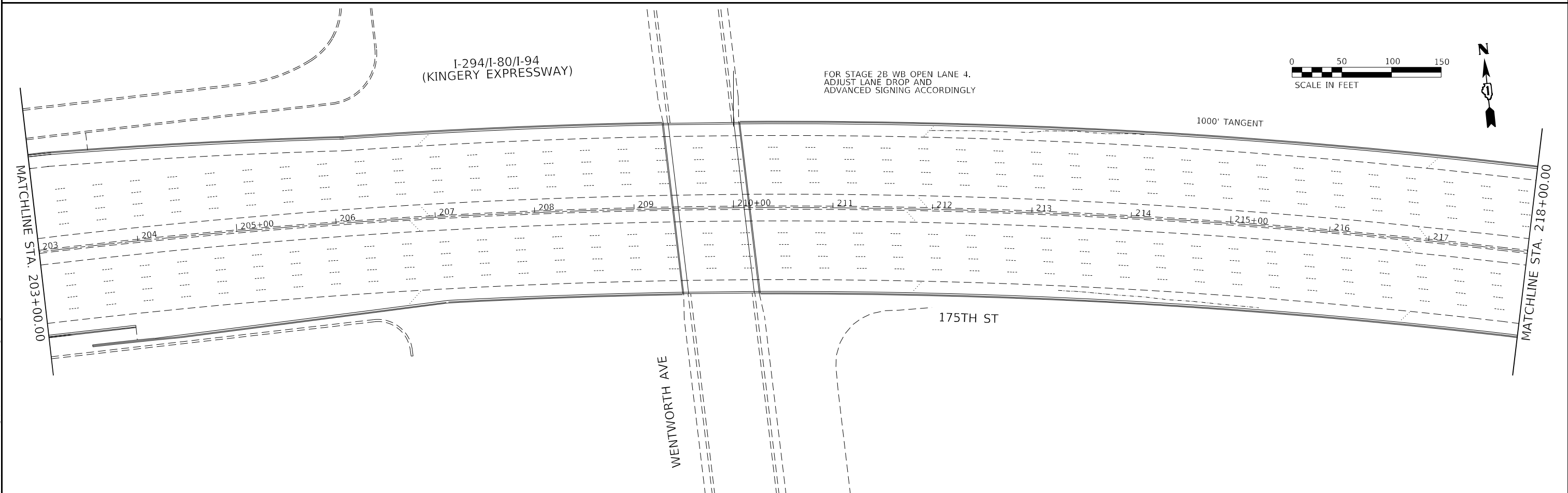
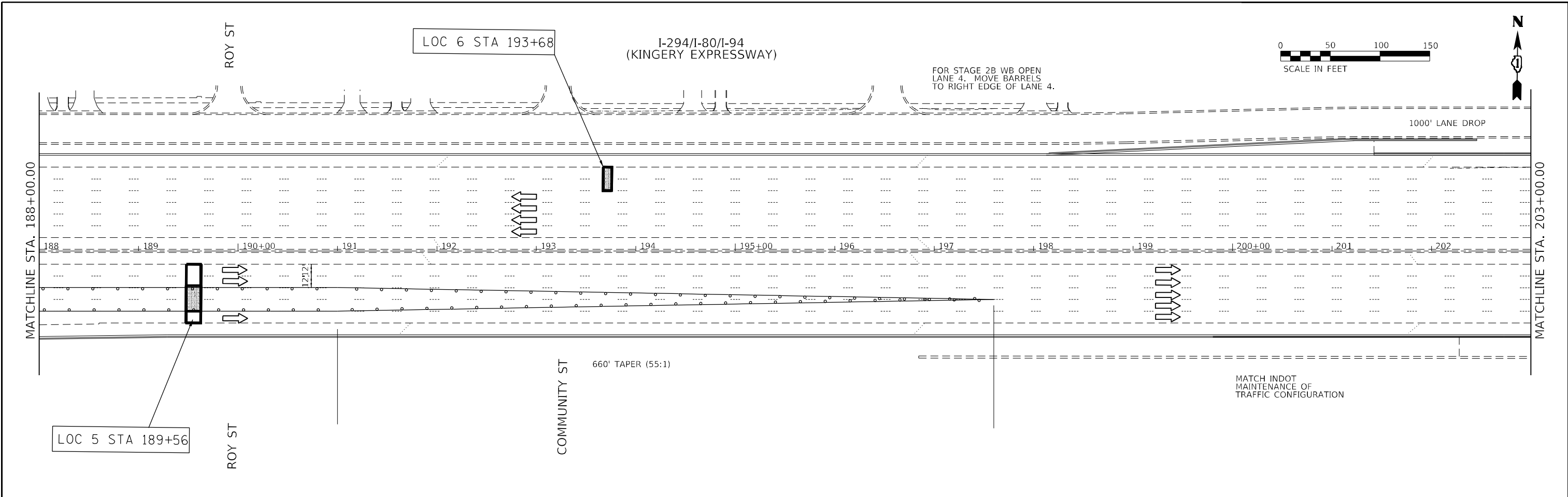
USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 2B
I-80-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	36
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N83	



MODEL: D:\64bit
 FILE NAME: Z:\CH3\2021\05\0002-10\Drawings\01-801-94-11-NOT4-2306-28.dwg

USER NAME = \$USER\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

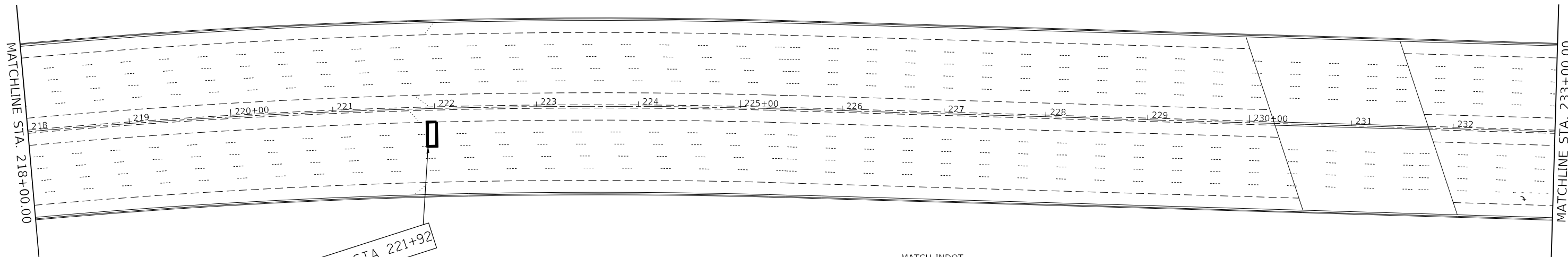
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 2B
I-801-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)

SCALE: SHEET OF SHEETS STA. TO STA.

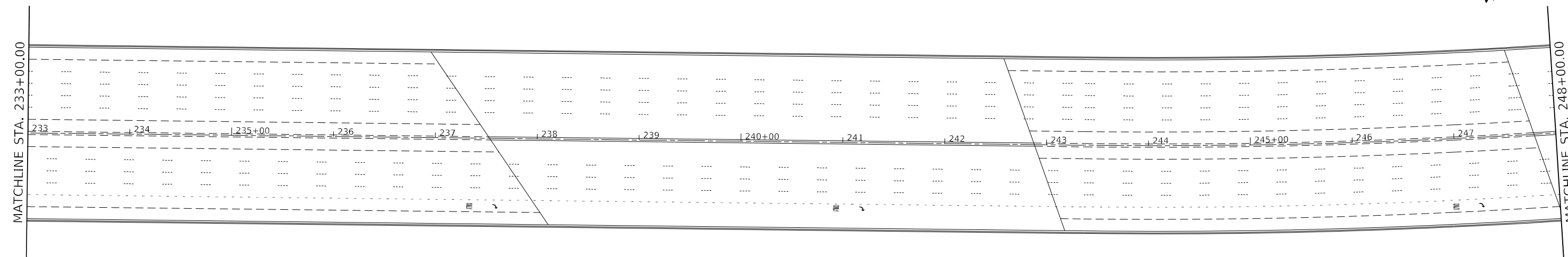
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	38
CONTRACT NO. 62N83			ILLINOIS FED. AID PROJECT	

I-294/I-80/I-94
(KINGERY EXPRESSWAY)



MATCH INDOT
MAINTENANCE OF TRAFFIC
CONFIGURATION

I-294/I-80/I-94
(KINGERY EXPRESSWAY)



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

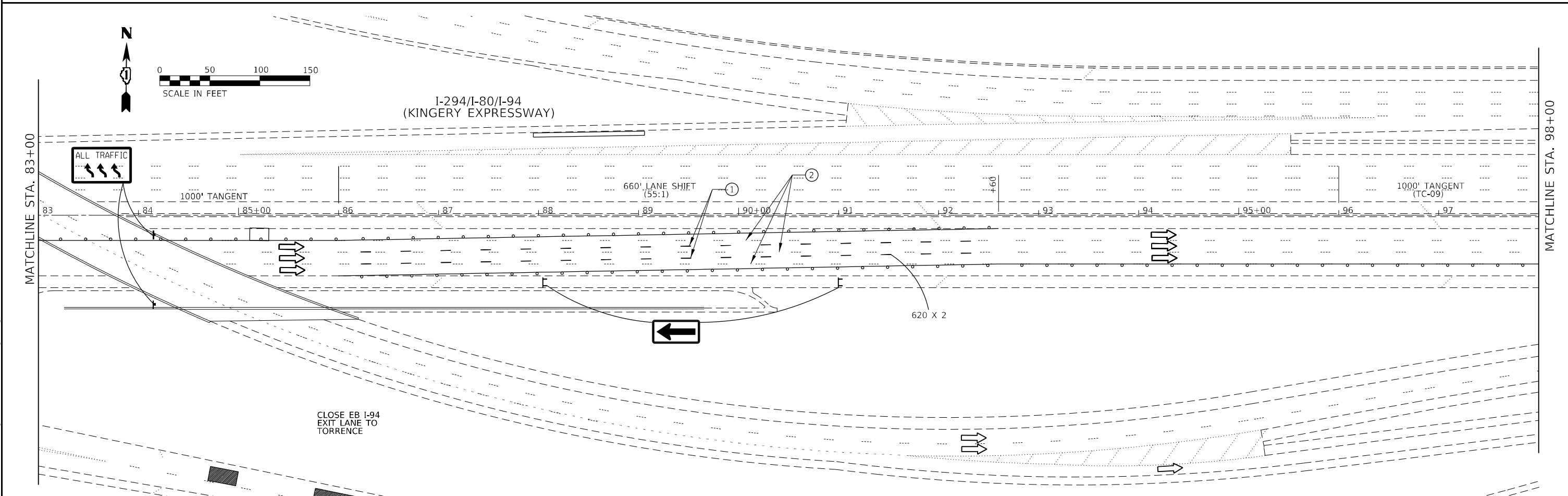
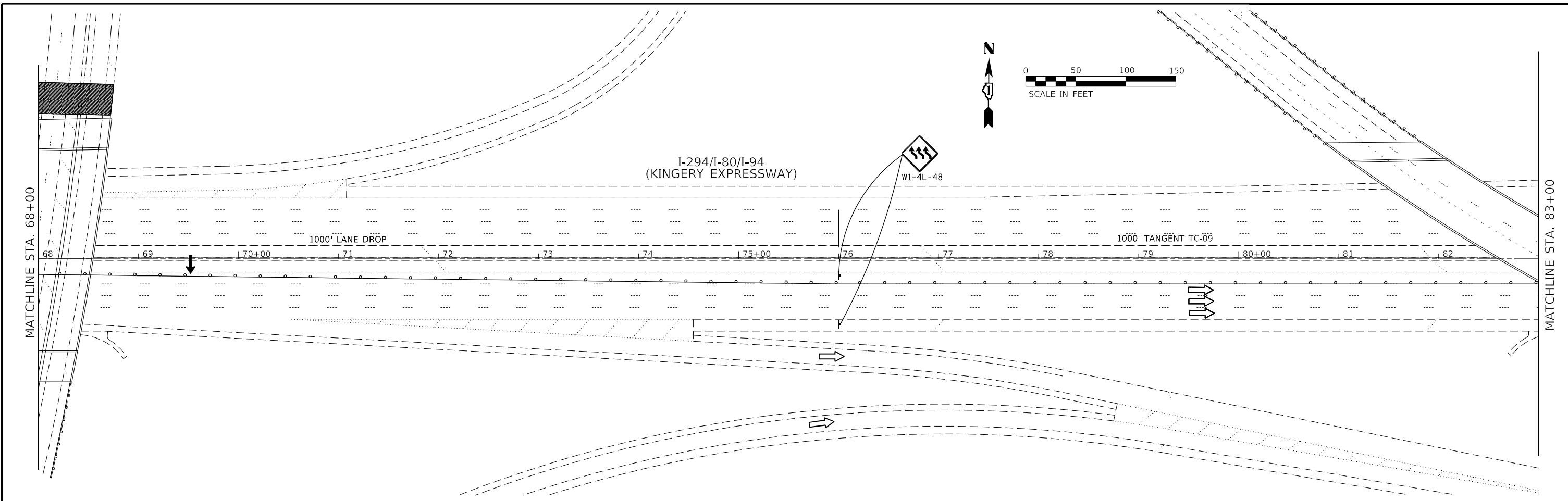
SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 2B
I-80-I-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	39
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N83	

SCALE: SHEET OF SHEETS STA. TO STA.

USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -
PLOT DATE = 5/13/2021	CHECKED -	REVISED -
	DATE -	REVISED -

MODEL: D:\64bit
FILE NAME: Z:\CH2020\20200002-10\Drawings\01-80-I-94-PP-NOT5-2300-28.dwg



MODEL: P:\64611
 FILE NAME: 20100403\20200002-10\DESIGN\001-94-LR-1077-2500-3A.dwg

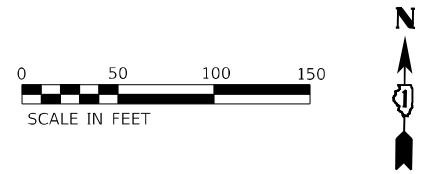
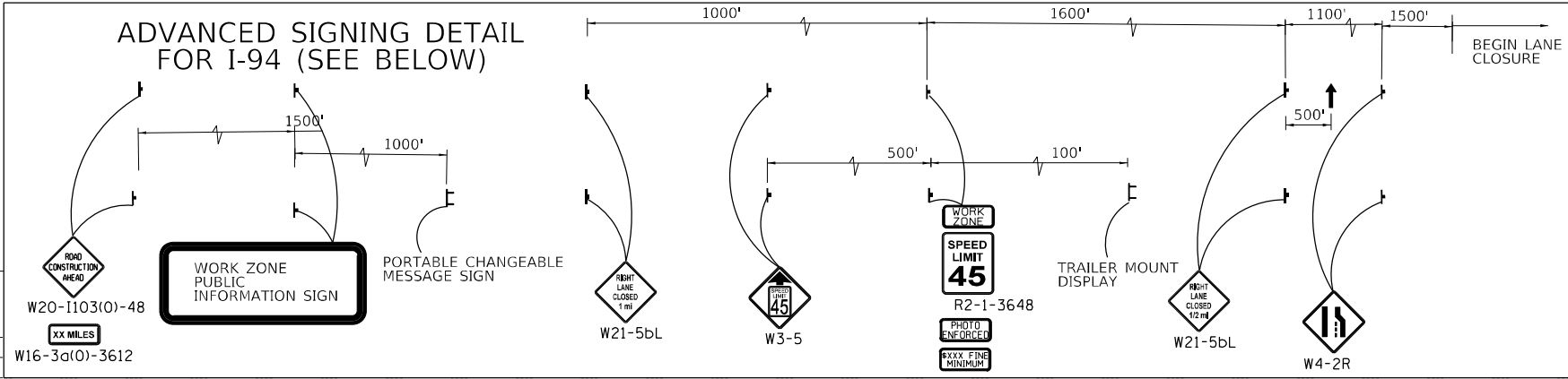
USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -
PLOT DATE = 5/13/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

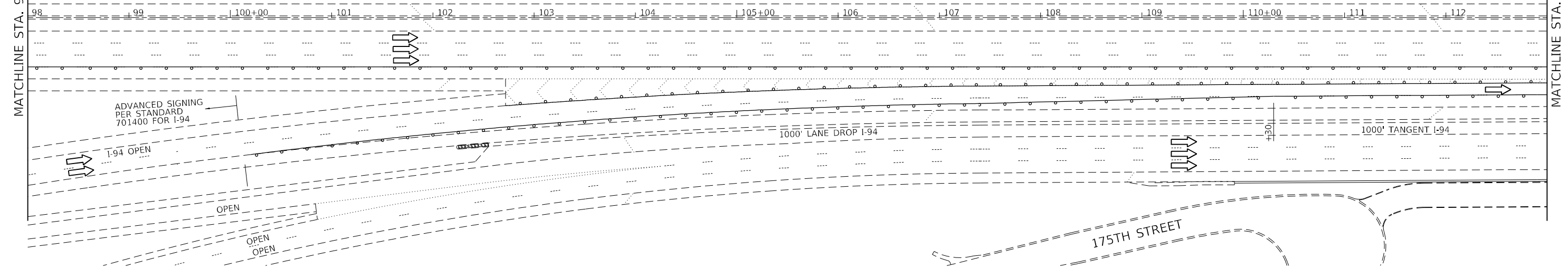
SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 3A
I-80-I-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	42
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N83	

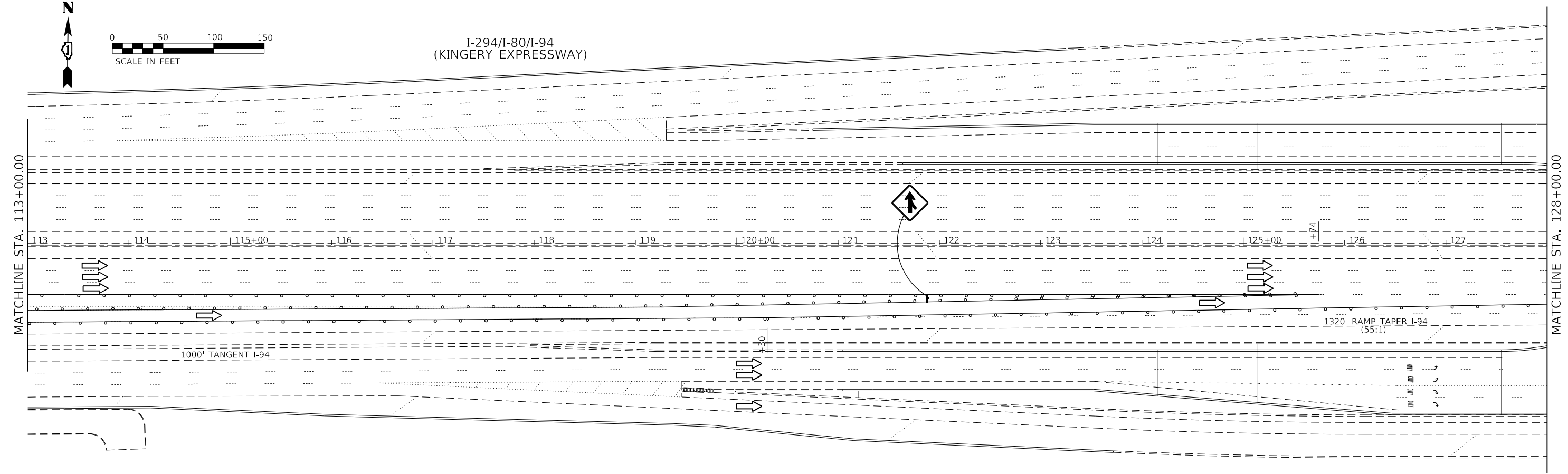
SCALE: SHEET OF SHEETS STA. TO STA.



I-294/I-80/I-94
(KINGERY EXPRESSWAY)



I-294/I-80/I-94
(KINGERY EXPRESSWAY)



MODEL: D:\6411
 FILE NAME: Z:\CH2302\20200002-10\Drawings\001-94-1-101-1-2020-3A.dwg

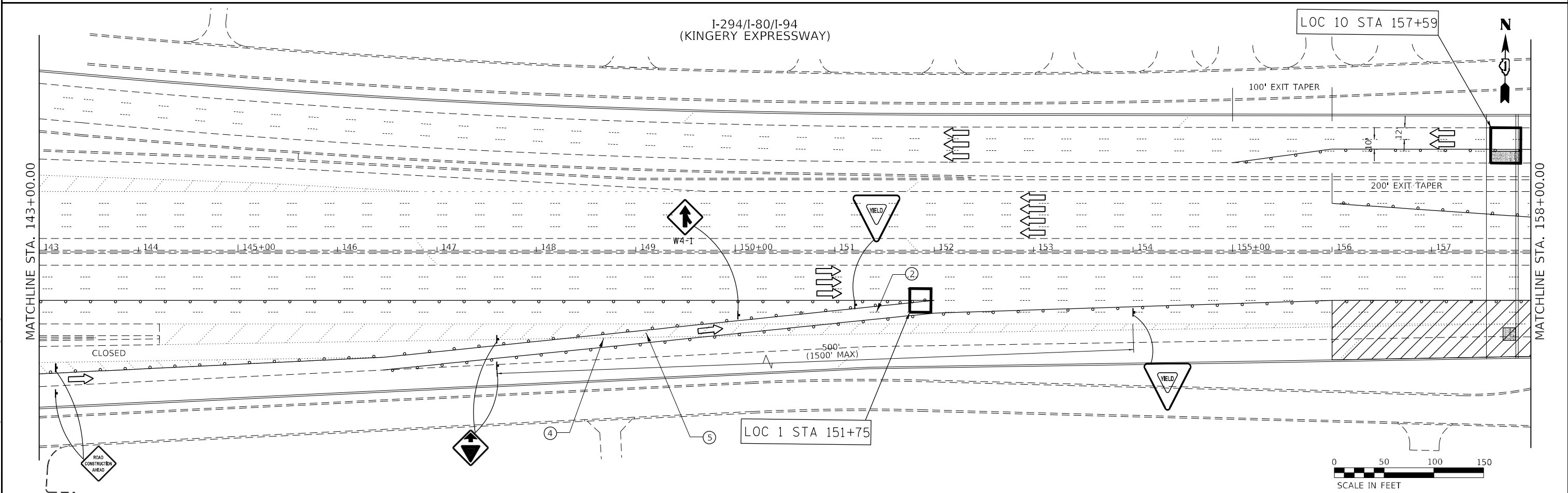
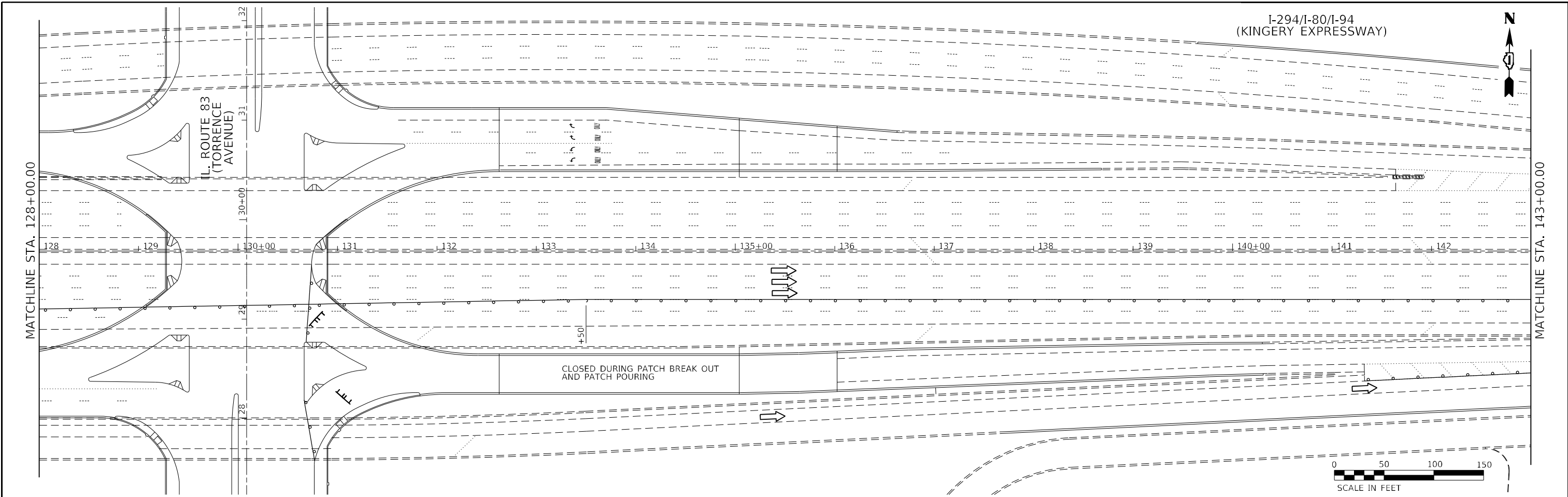
USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 3A
I-80-I-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	43
CONTRACT NO. 62N83			ILLINOIS FED. AID PROJECT	

SCALE: SHEET OF SHEETS STA. TO STA.



MODEL: D:\64bit
 FILE NAME: Z:\CH3202\20200002-10\DESR001\01-04-14\11-MOT2-2300 3A.dwg

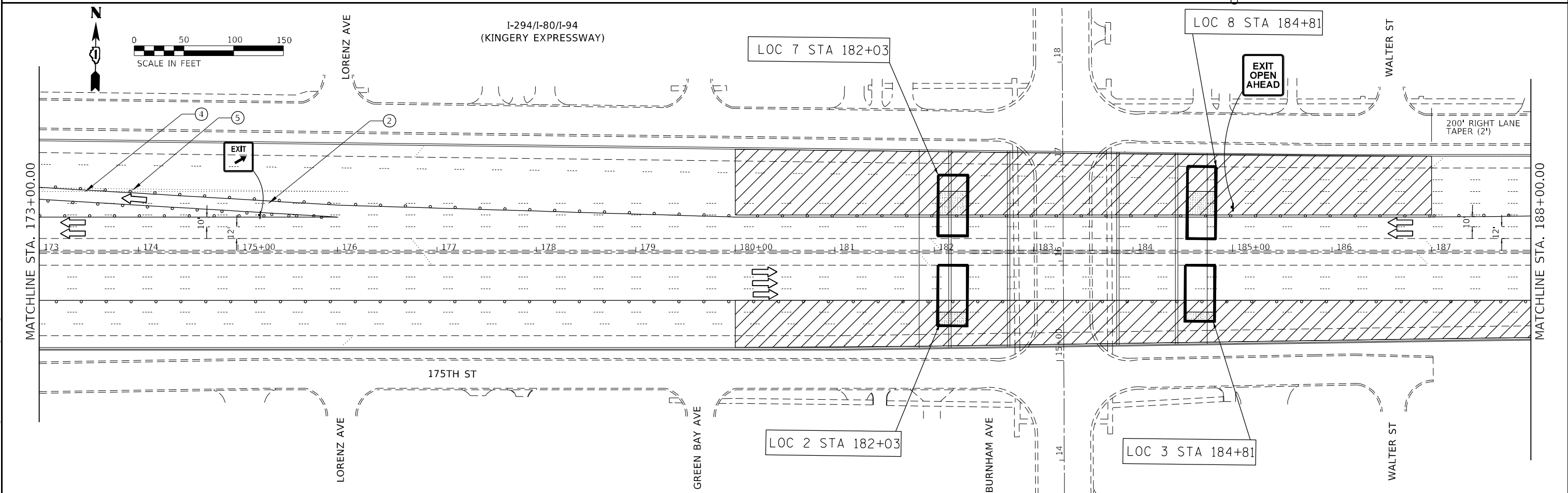
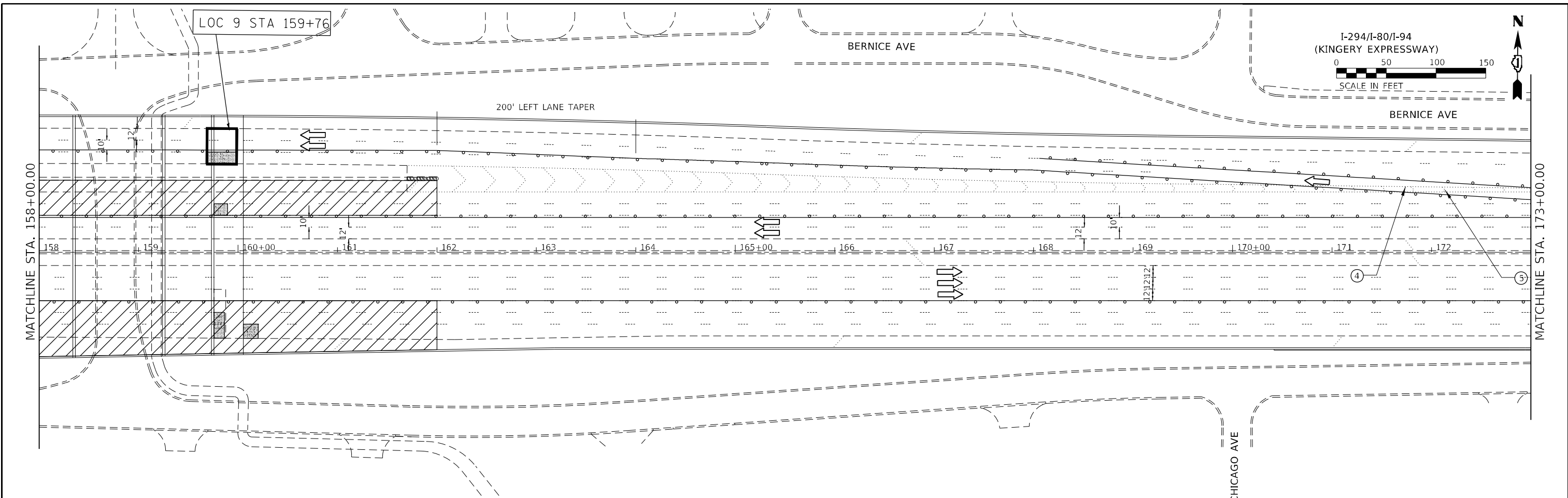
USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 3A
I-80-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	44
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N83	



MODEL: D:\64bit
 FILE NAME: Z:\CH32020\20200002-10\DESR001\01-04-14-1073-2200_3A.dwg

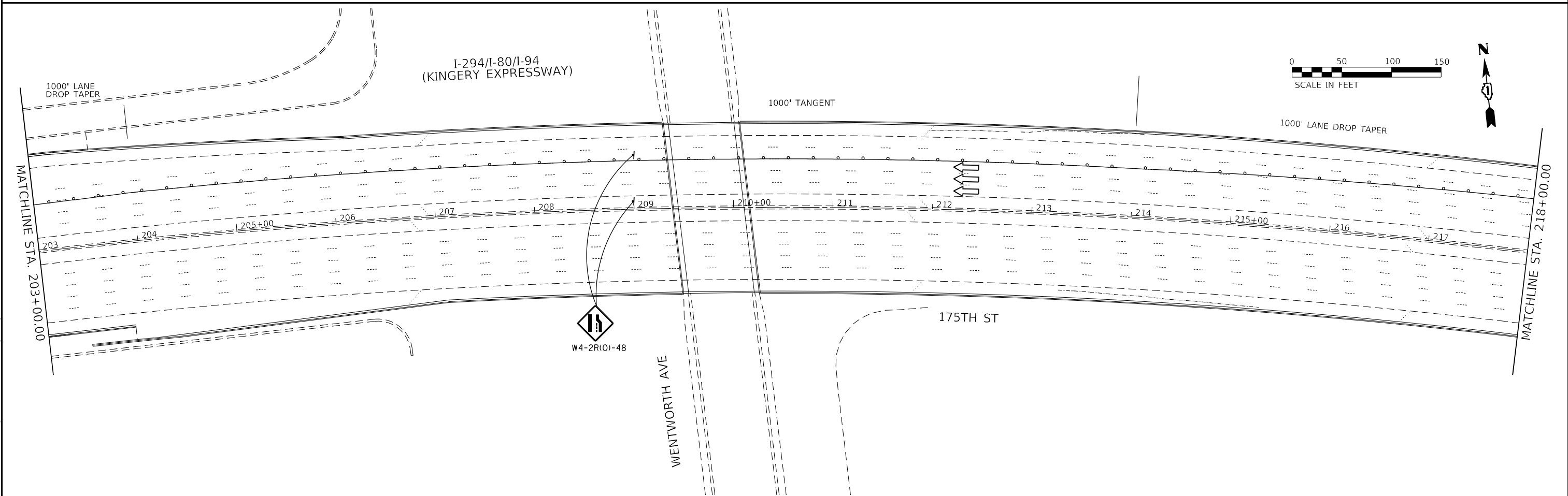
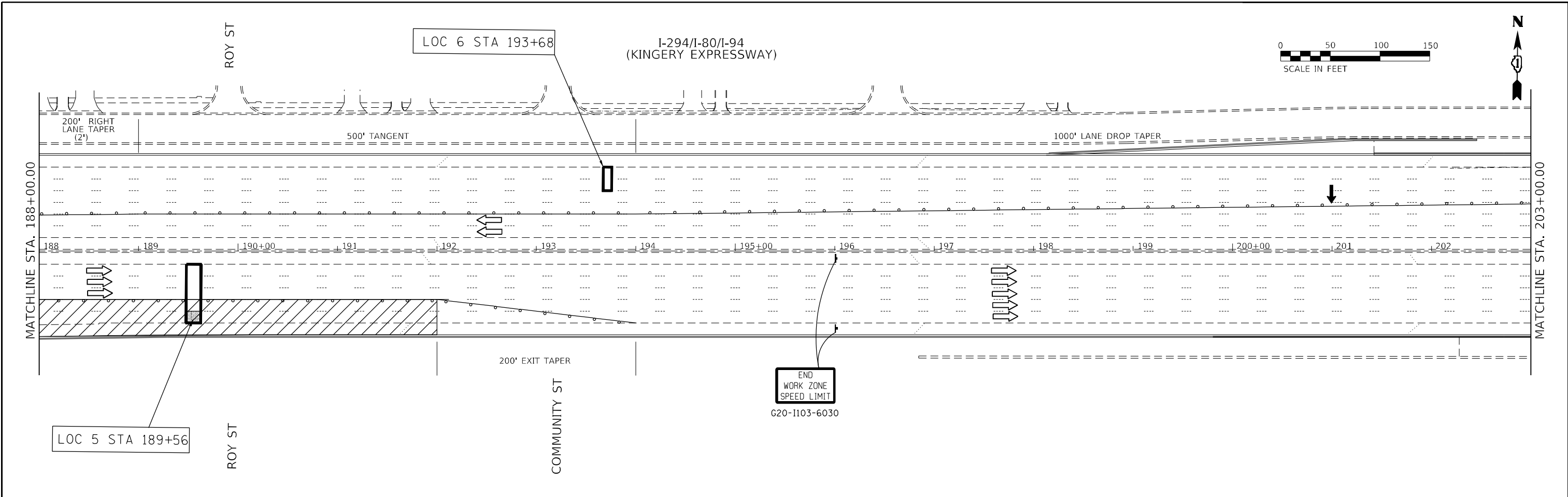
USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 3A
I-80-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	45
			CONTRACT NO. 62N83	
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



MODEL: P:\64611
 FILE NAME: Z:\CH3\2021\05\0002-10\DESIGN\001\01-01-1074-2306 3A.dwg

USER NAME = \$USER\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

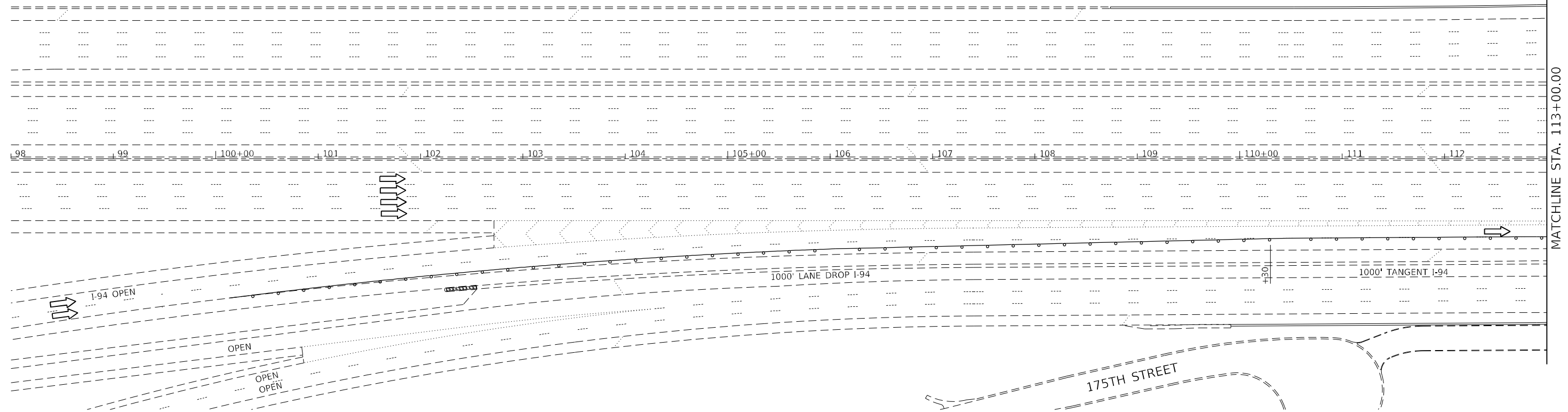
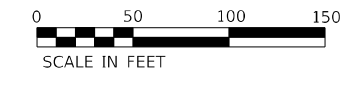
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 3A
I-80-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)

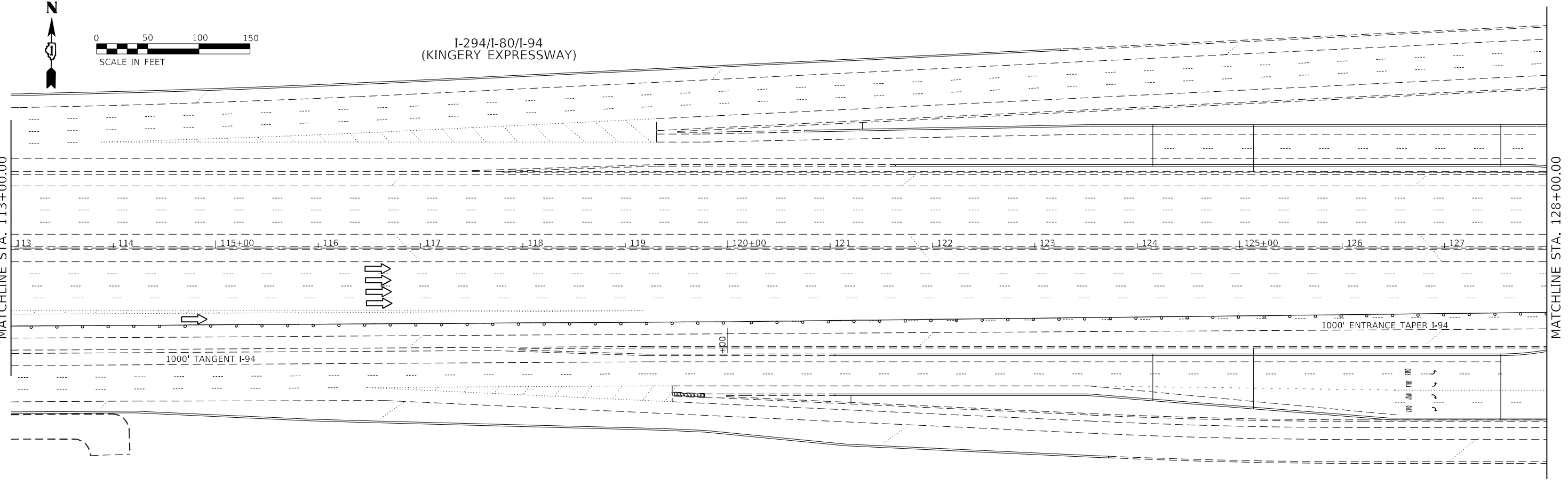
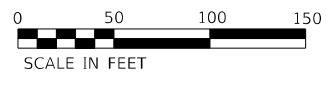
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	46
CONTRACT NO. 62N83			ILLINOIS FED. AID PROJECT	

I-294/I-80/I-94
(KINGERY EXPRESSWAY)



I-294/I-80/I-94
(KINGERY EXPRESSWAY)



MODEL: D:\64bit
 FILE NAME: Z:\CH2020\20200002-10\Drawings\04-I-94-PC-MOT-1-2200-3B.dwg

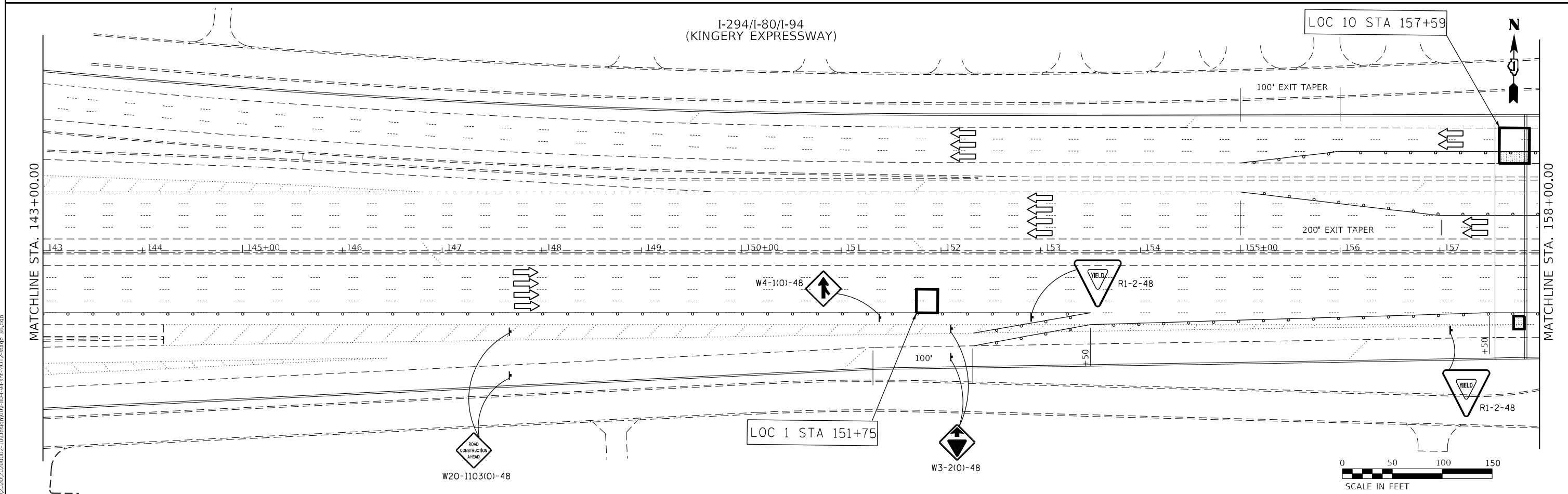
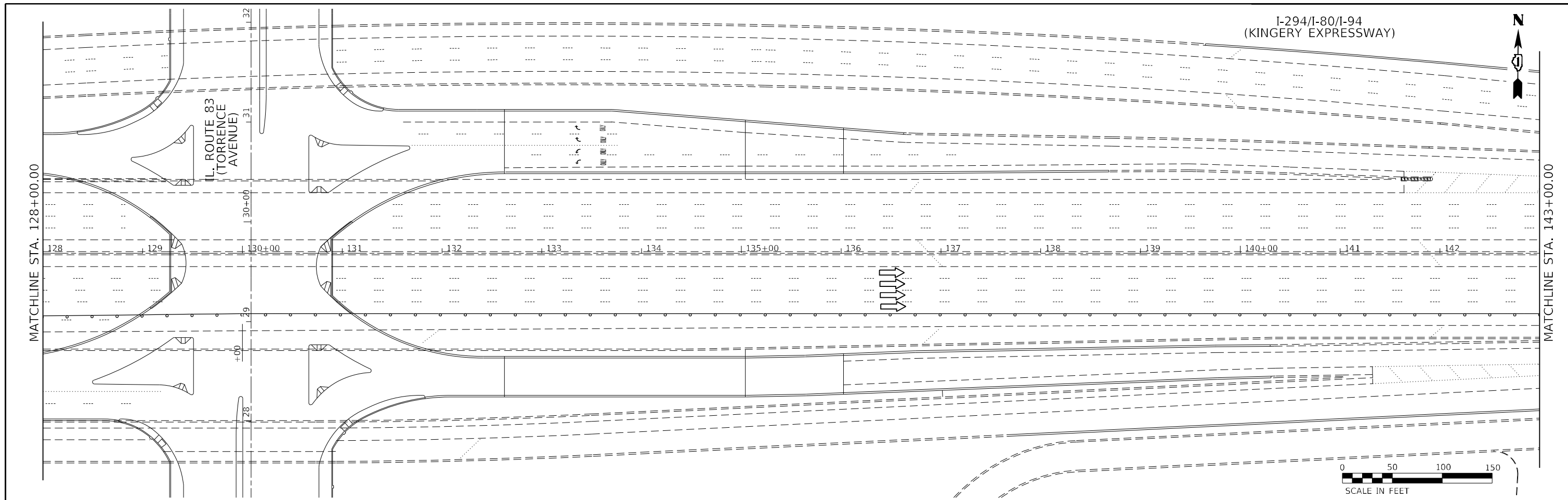
USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 3B
I-80-I-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	49
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N83	



MODEL: D:\64bit
 FILE NAME: Z:\CH3\2020\20200002-10\DESR00\001-04-04-1072-2000_3B.dwg

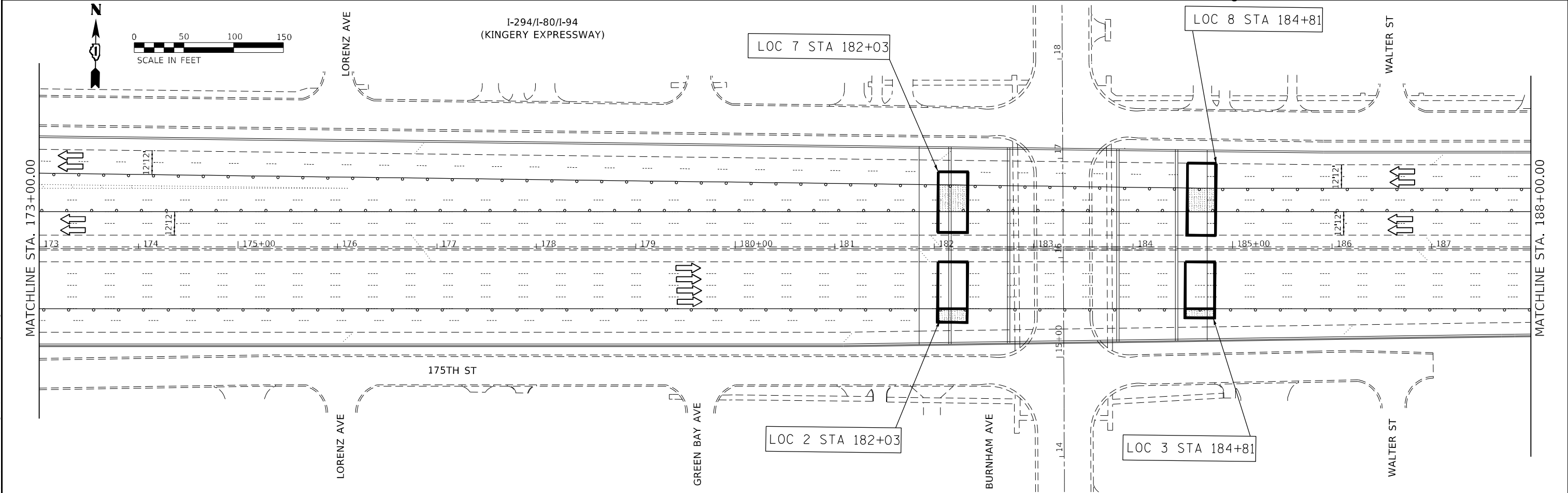
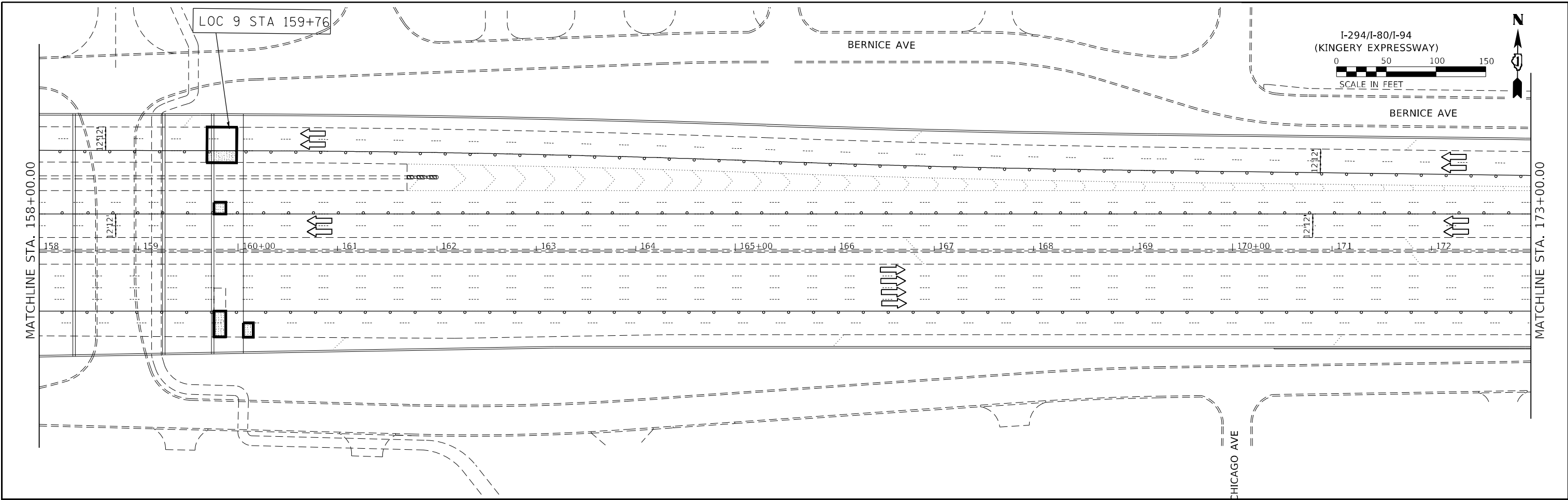
USER NAME = \$USERS	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 3B
I-804-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	50
CONTRACT NO. 62N83				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



MODEL: D:\64bit
 FILE NAME: Z:\CH2020\20200002-10\Drawings\01-80-94-CH-KINGERY-2020-3B.dwg

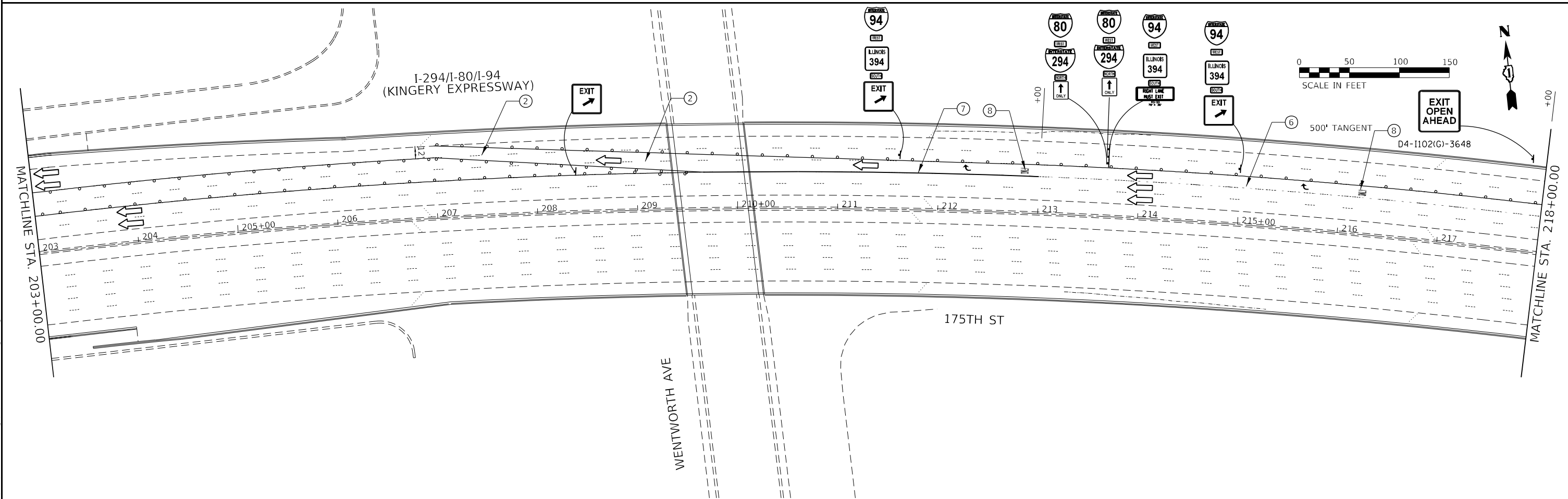
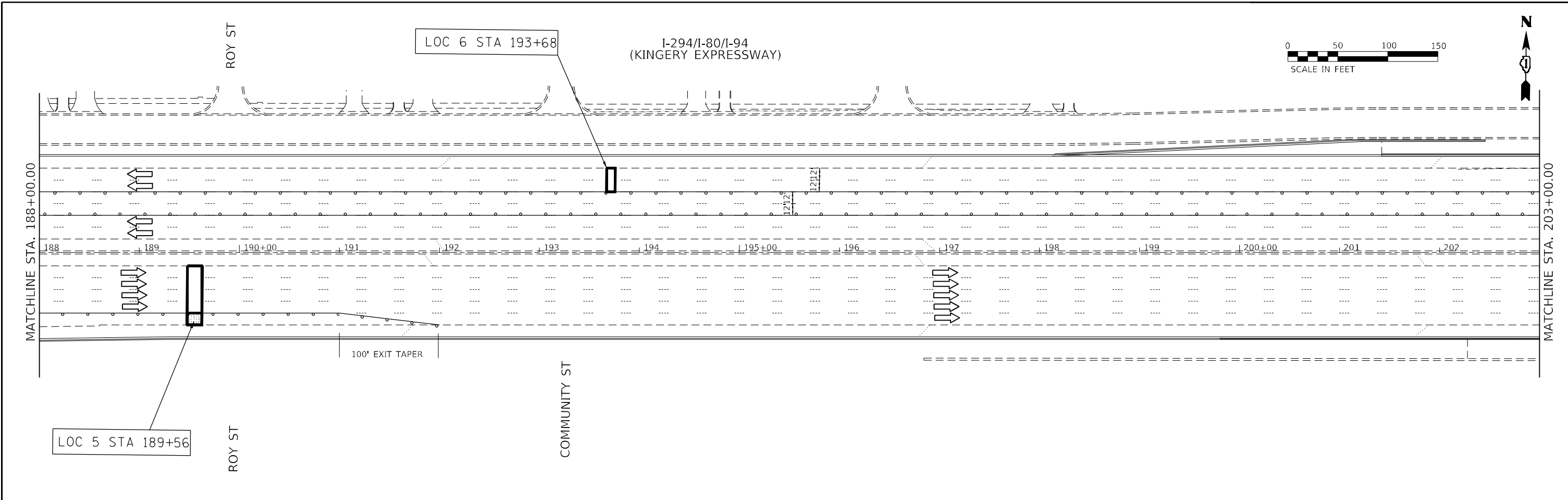
USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 3B
I-80-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	51
ILLINOIS / FED. AID PROJECT			CONTRACT NO. 62N83	



MODEL: D:\64\11
 FILE NAME: Z:\CH3\2021\05\0002-10\DESIGN\001-94-1-11-1074-2306_3B.dwg

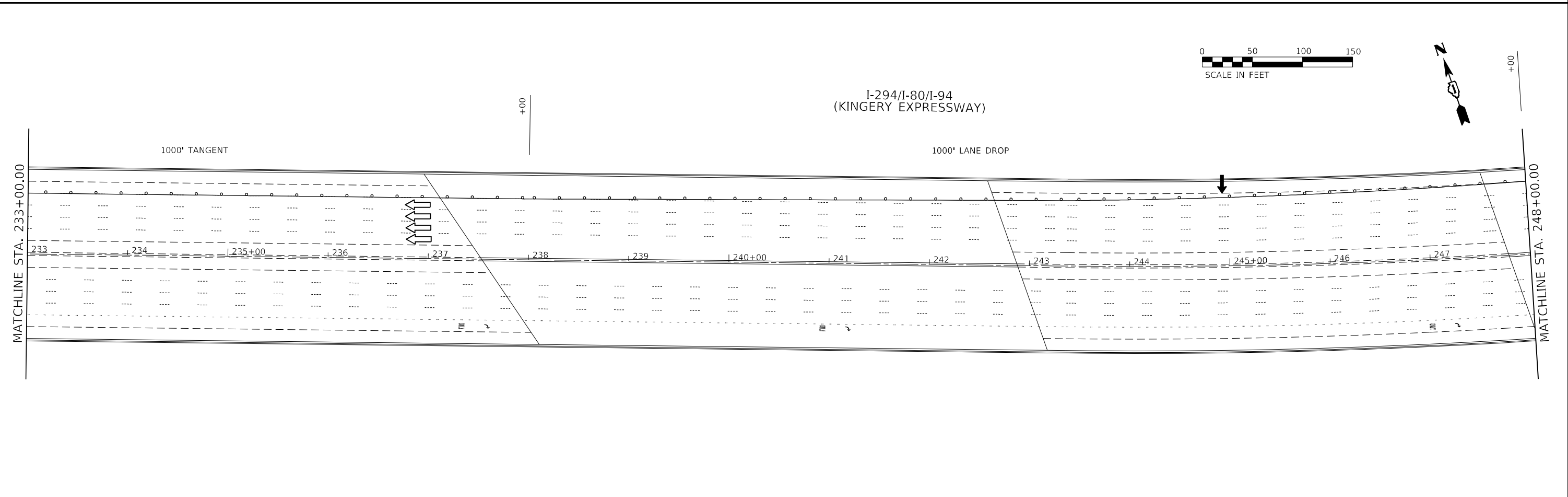
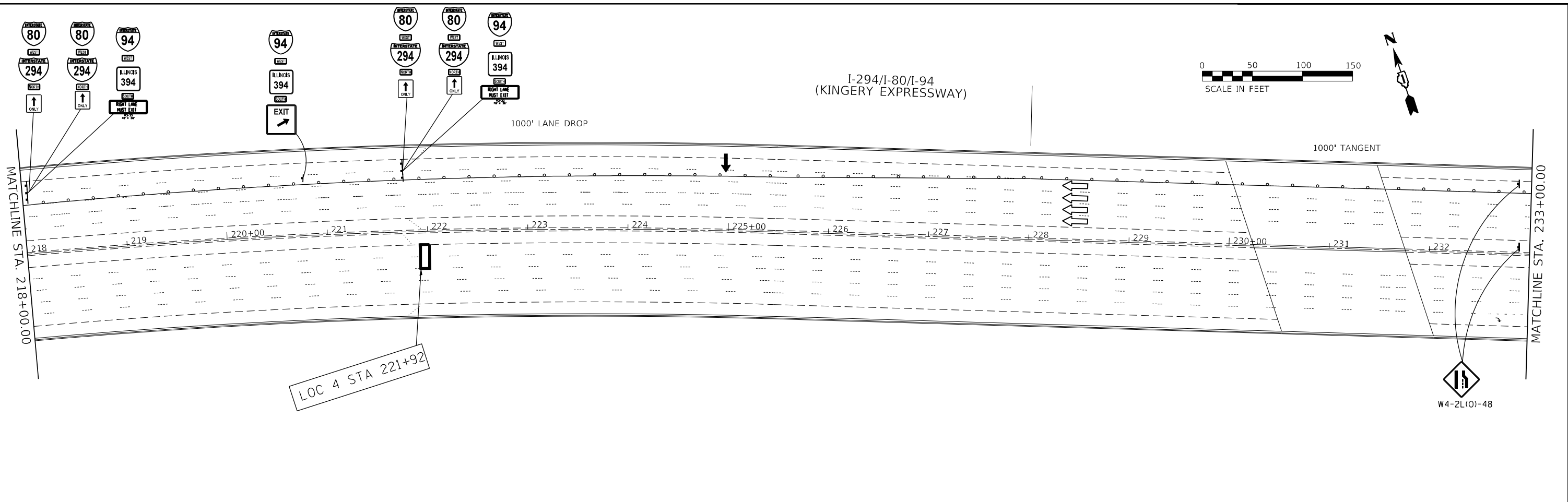
USER NAME = \$USER\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 3B
I-80-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	52
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N83	



MODEL: P:\64611
 FILE NAME: 2021049-PP\2021049-PP\2021049-PP\NOTES-2021049-PP\38.dwg

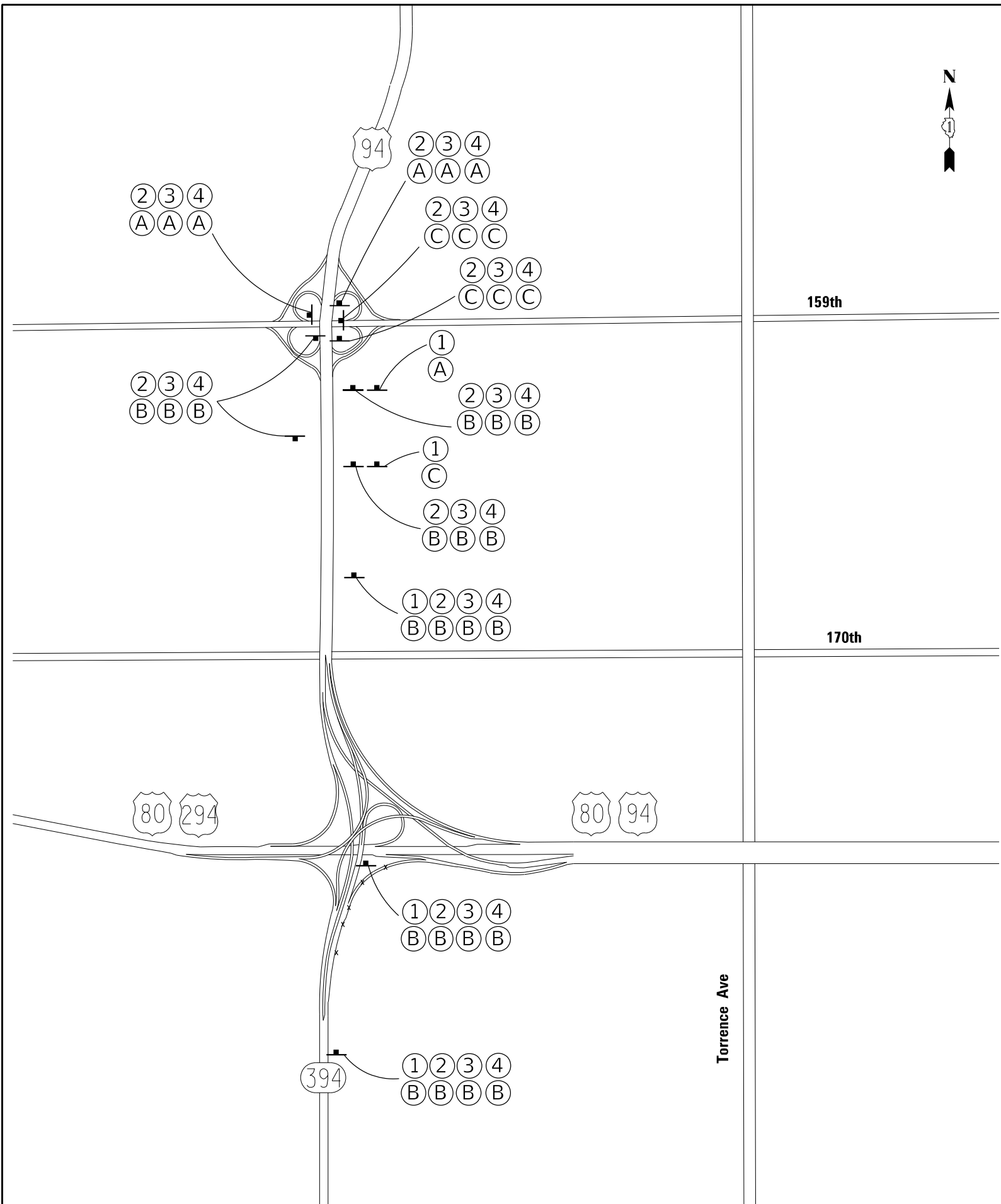
USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC: STAGE 3B
I-80-I-94 (TORRENCE AVE. TO ILLINOIS-INDIANA STATE LINE)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	53
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N83	



24" X 12"
BLACK ON ORANGE (TYP)
24" X 12"
BLACK ON ORANGE (TYP)
24" X 12"
BLACK ON ORANGE (TYP)



30" X 15"
BLACK ON ORANGE
30" X 15"
BLACK ON ORANGE



36" X 24"
BLACK ON ORANGE



36" X 36"
STD SHIELDS



①

②

③



④



⑤

20" X 13" (TYP)
BLACK ON ORANGE



Ⓐ

Ⓑ

Ⓒ

Ⓓ

USE 30" X 18"
WITH SIGNS
②, ③, ④



Ⓔ

STAGE 2A

NB IL 394 TO EB/WB I-80, EB I-94,
NB I-294, AND TORRENCE EXIT.
RAMP CLOSURE DETOUR SIGNING

MODEL: I40DELANM1E5
FILE: I40DELANM1E5.DWG

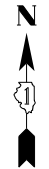
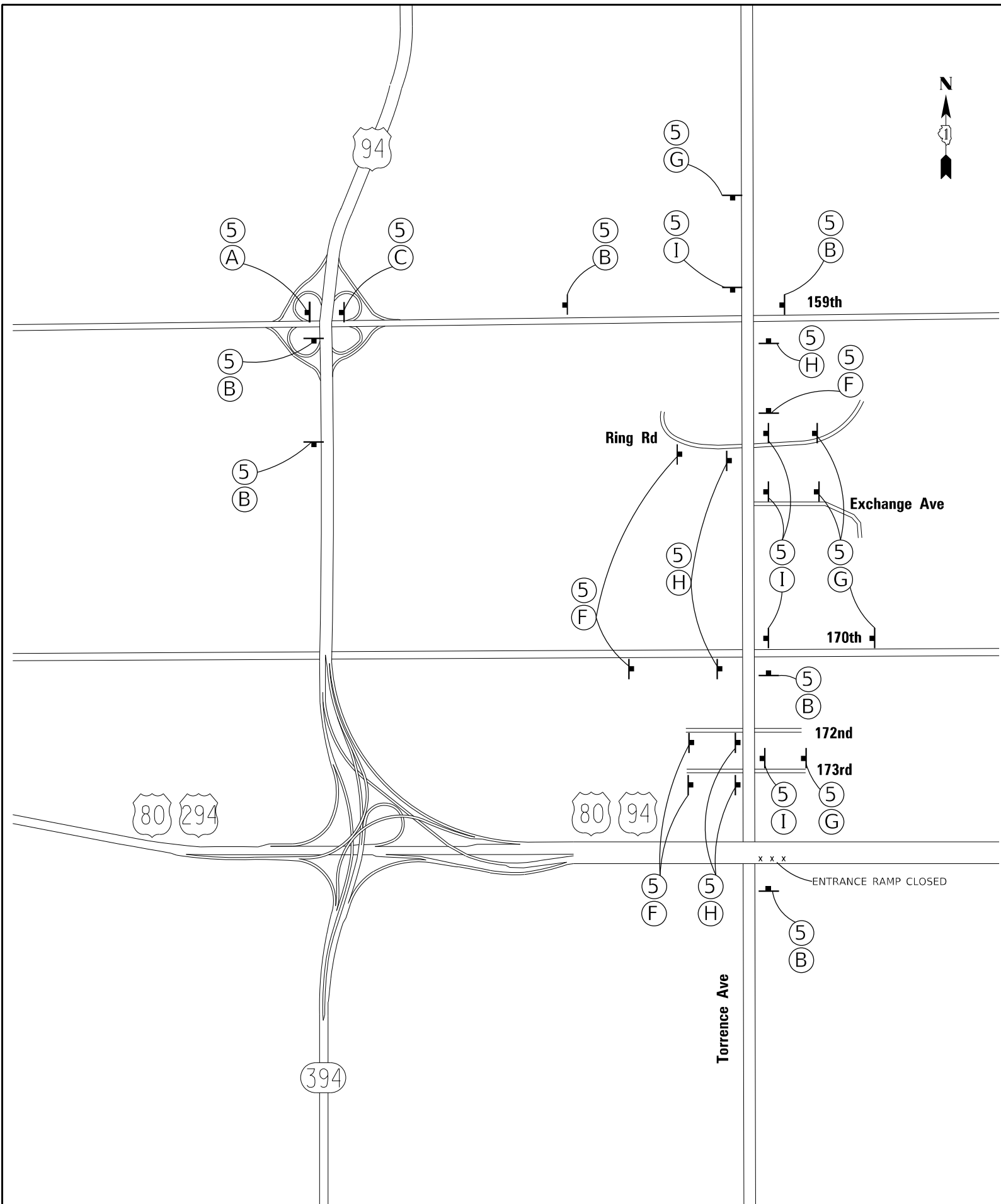
USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN NO. 1
I-80-94 (TORRENCE AVE. TO I/IN STATE LINE)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	55
JOB NO.	CONTRACT NO. 62N83			
ILLINOIS FED. AID PROJECT				



24" X 12"
BLACK ON ORANGE (TYP)
24" X 12"
BLACK ON ORANGE (TYP)
24" X 12"
BLACK ON ORANGE (TYP)



①

30" X 15"
BLACK ON ORANGE
30" X 15"
BLACK ON ORANGE



②



③



④



⑤

20" X 13" (TYP)
BLACK ON ORANGE



Ⓐ



Ⓑ



Ⓒ

USE 30" X 18"
WITH SIGNS
②, ③, ④



Ⓓ



Ⓔ



Ⓕ



Ⓖ



Ⓗ



Ⓘ

STAGE 2A AND 3A

NB AND SB TORRENCE AVE. TO EB I-80

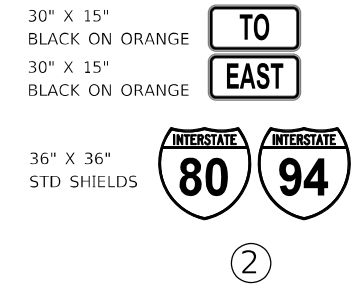
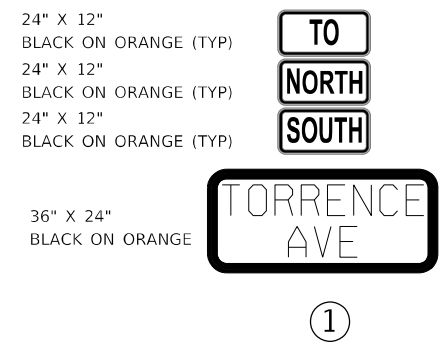
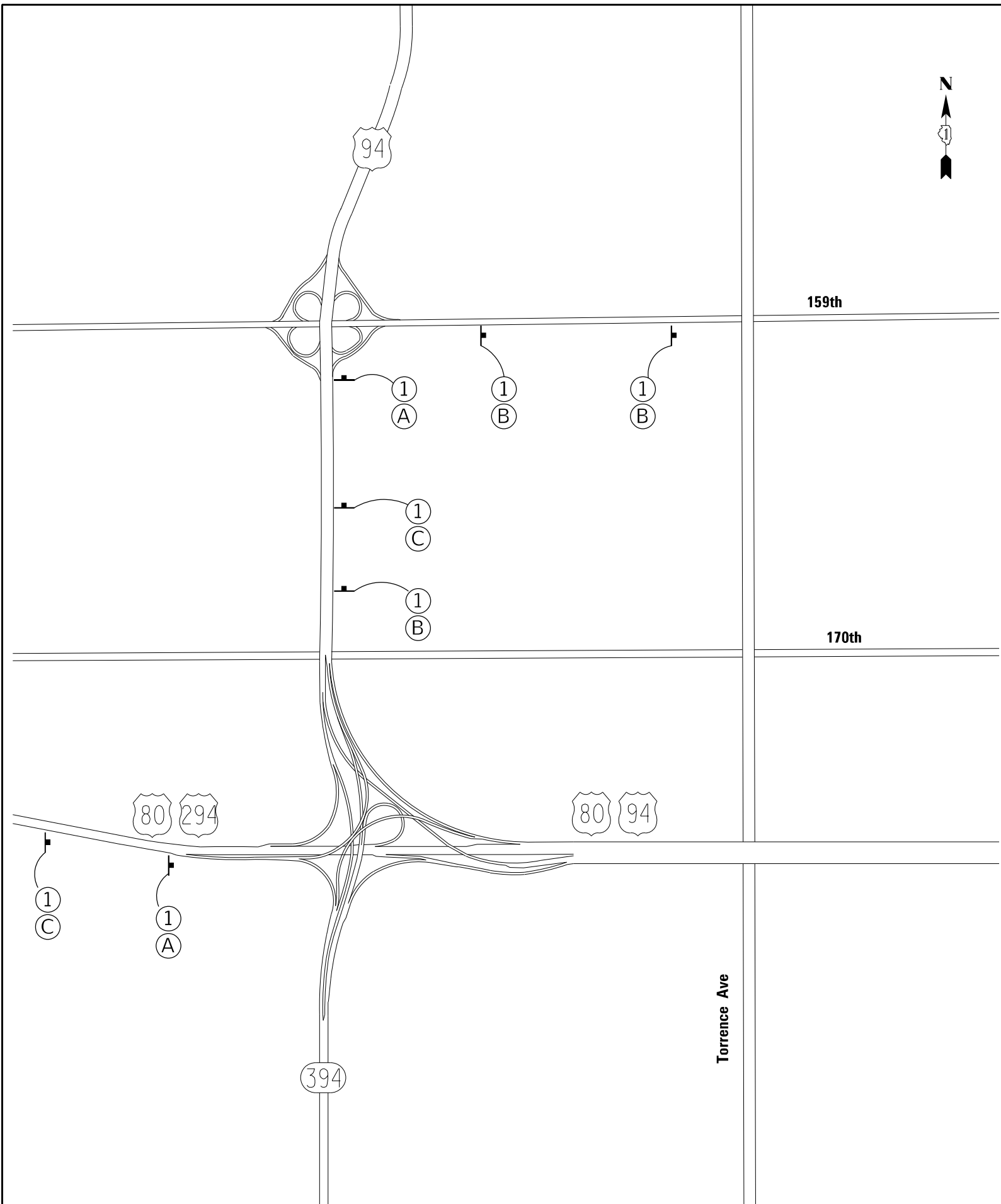
MODEL NUMBER
FILE NAME: ST115

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN NO. 2			
I-80-94 (TORRENCE AVE. TO ILIN STATE LINE)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

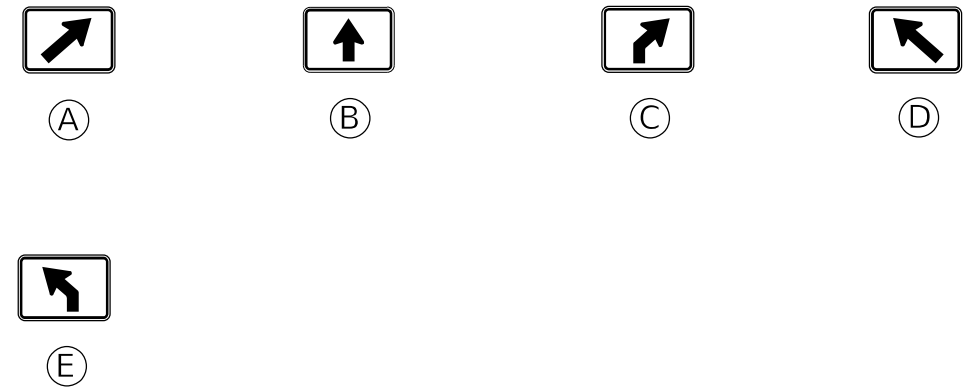
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	56
JOB NO.		CONTRACT NO. 62N83		
ILLINOIS FED. AID PROJECT				



20" X 13" (TYP)
BLACK ON ORANGE

USE 30" X 18"
WITH SIGNS

②, ③, ④



STAGE 2A

EB I-80 TO TORRENCE EXIT.
THIS DETOUR WILL NOT BE REQUIRED
IF PATCHING EAST OF TORRENCE IS MOVED
TO CURING PHASE BY 10:00 AM ON SATURDAY

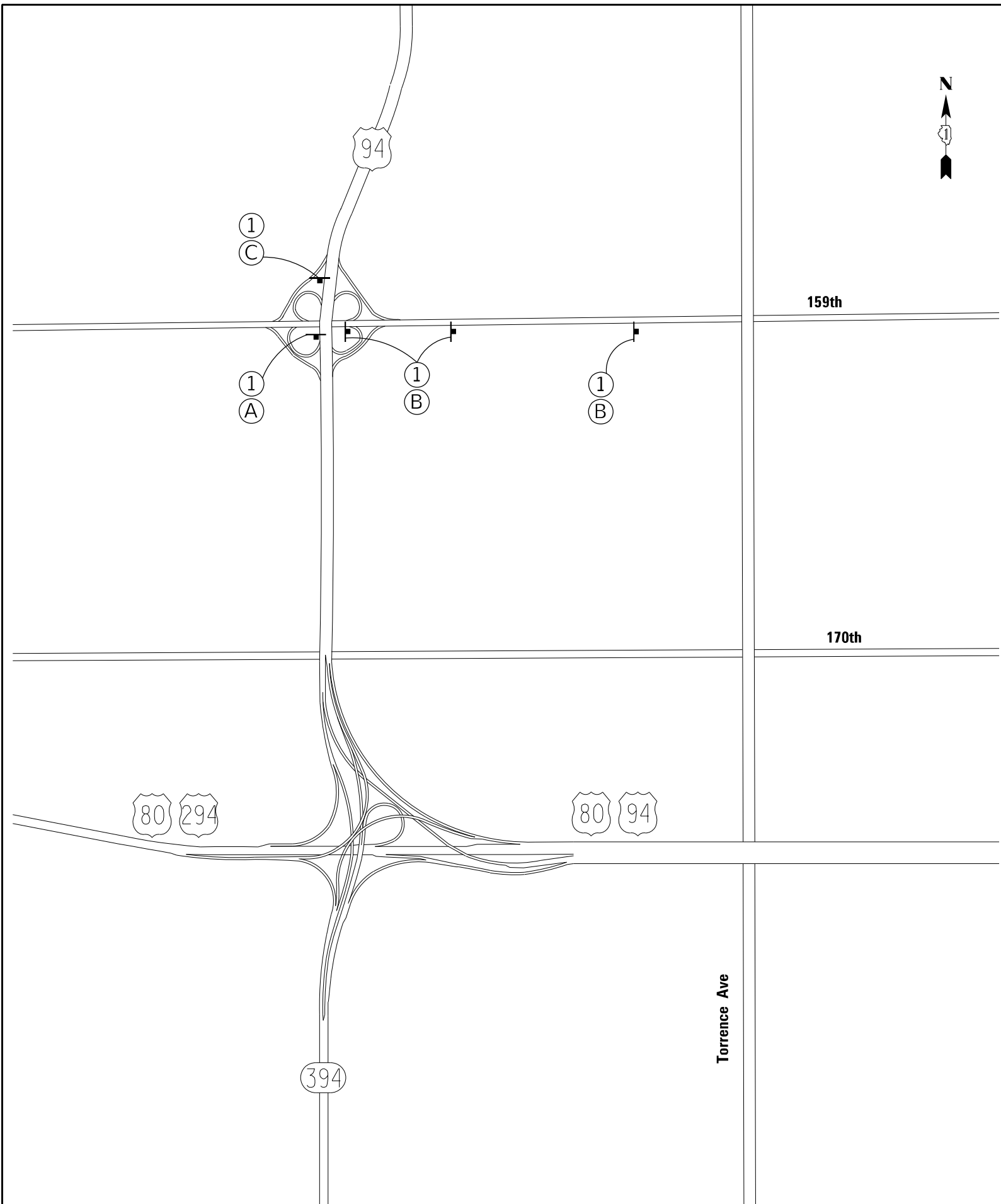
MODEL NUMBER
FILE NUMBER

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN NO. 3			
I-80-94 (TORRENCE AVE. TO ILLIN STATE LINE)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	57
JOB NO.		CONTRACT NO. 62N83		
ILLINOIS FED. AID PROJECT				



24" X 12"
BLACK ON ORANGE (TYP)
24" X 12"
BLACK ON ORANGE (TYP)
24" X 12"
BLACK ON ORANGE (TYP)



①

30" X 15"
BLACK ON ORANGE
30" X 15"
BLACK ON ORANGE



36" X 36"
STD SHIELDS



②



③



④



⑤

20" X 13" (TYP)
BLACK ON ORANGE



Ⓐ



Ⓑ



Ⓒ



Ⓓ

USE 30" X 18"
WITH SIGNS
②, ③, ④



Ⓔ

STAGE 2A

EB I-94 TO TORRENCE EXIT.
THIS DETOUR WILL NOT BE REQUIRED IF PATCHING
EAST OF TORRENCE IS MOVED TO CURING PHASE
BY 10:00 AM ON SATURDAY

MODEL: I40DELENAME
FILE: I40DELE.PLE

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

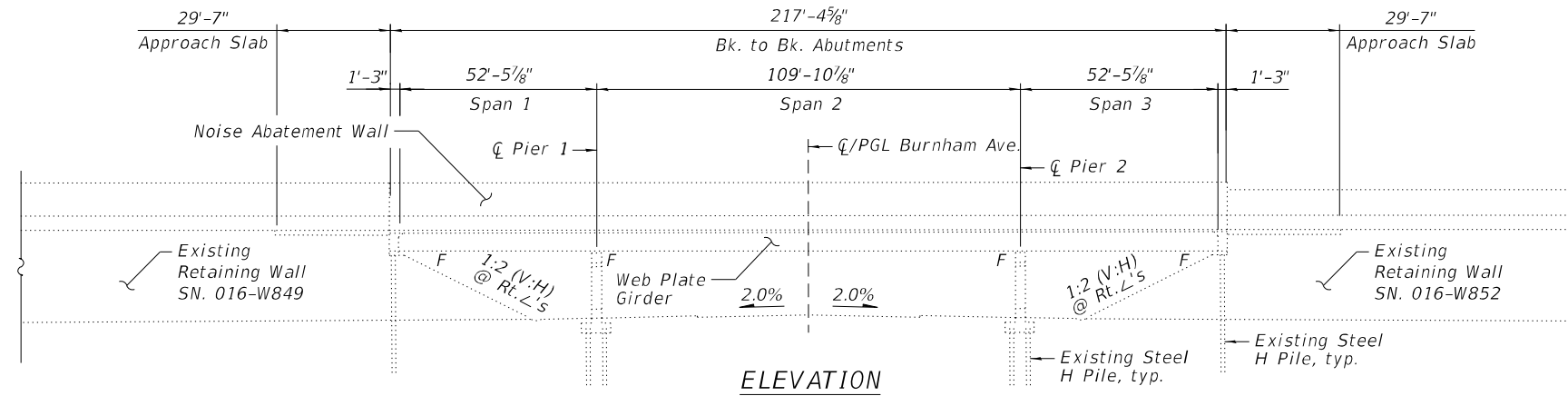
DETOUR PLAN NO. 4			
I-80-94 (TORRENCE AVE. TO I/IN STATE LINE)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	58
JOB NO.		CONTRACT NO. 62N83		
ILLINOIS FED. AID PROJECT				

Existing Structure: Three span, 217'-4 $\frac{5}{8}$ " back to back of abutment. Continuous non-composite steel multi-beam bridge on multi-column concrete piers and open abutments.

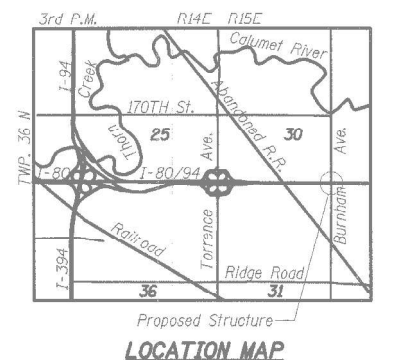
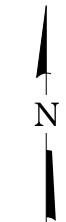
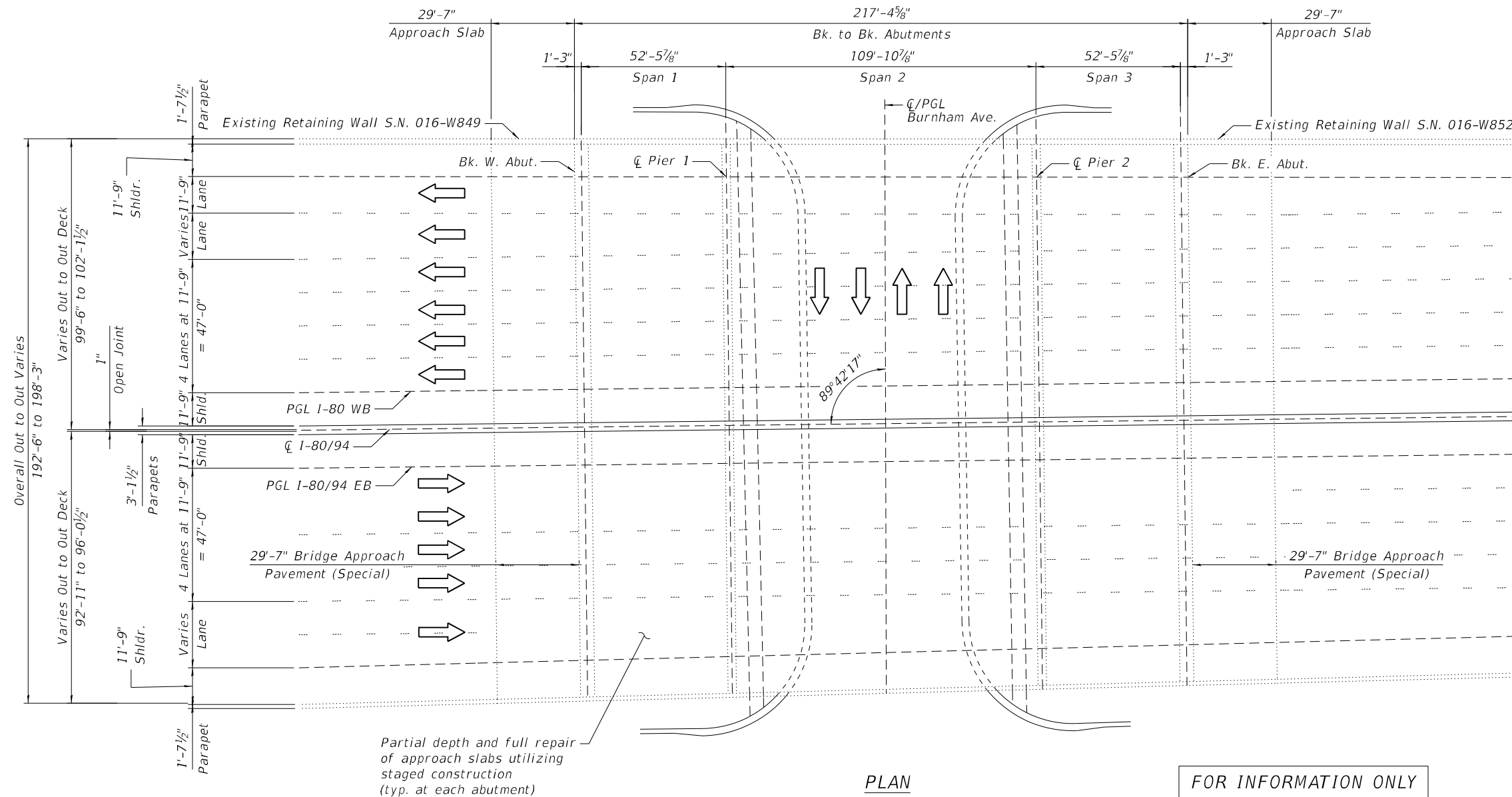
Traffic is to be maintained utilizing stage construction.

No salvage.



SCOPE OF WORK

1. Partial depth and full depth repair of approach slabs utilizing staged construction.
2. Sealing of joint between approach slab and retaining wall as shown on plans.



FOR INFORMATION ONLY

GENERAL PLAN & ELEVATION
 FAI I-80 OVER BURNHAM AVENUE
 SECTION 2021-049-PP
 COOK COUNTY
 STRUCTURE NO. 016-2791

MODEL: Default
 FILE NAME: \\gasnet\gasnet\Share\AllProj\012020200002-10\Design\Design Files\CAD\SH\016-2791-62N83-501-GPE.dgn
 5/13/2021 12:08:31 PM

GR&EF
 8501 W. Higgins Road, Suite 280
 Chicago, Illinois 60631; (773) 399-0112

USER NAME =	DESIGNED -	F.B.	REVISED -
	CHECKED -	H.A.	REVISED -
PLOT SCALE =	DRAWN -	F.B.	REVISED -
PLOT DATE =	CHECKED -	H.A.	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
 SN 016-2791
 SHEET 1 OF 4 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	59
			CONTRACT NO. 62N83	
		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES

1. Repair quantities have been prepared from notes received from IDOT Engineers and shall be verified in the field.
2. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contactor 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 the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
3. The Contractor shall use PP-1, PP-2, PP-3 or PP-4 Concrete for all approach slab patches.
4. The Contractor must use extreme caution during full depth approach slab repair. The existing reinforcement bars shall be cleaned. If any of these reinforcement bars are damaged they must be replaced with an approved bar splicer or anchorage system. The cost of this work is included with Approach Slab Repair (Full Depth).
5. For construction staging see Maintenance of Traffic Sheets.

INDEX OF SHEETS

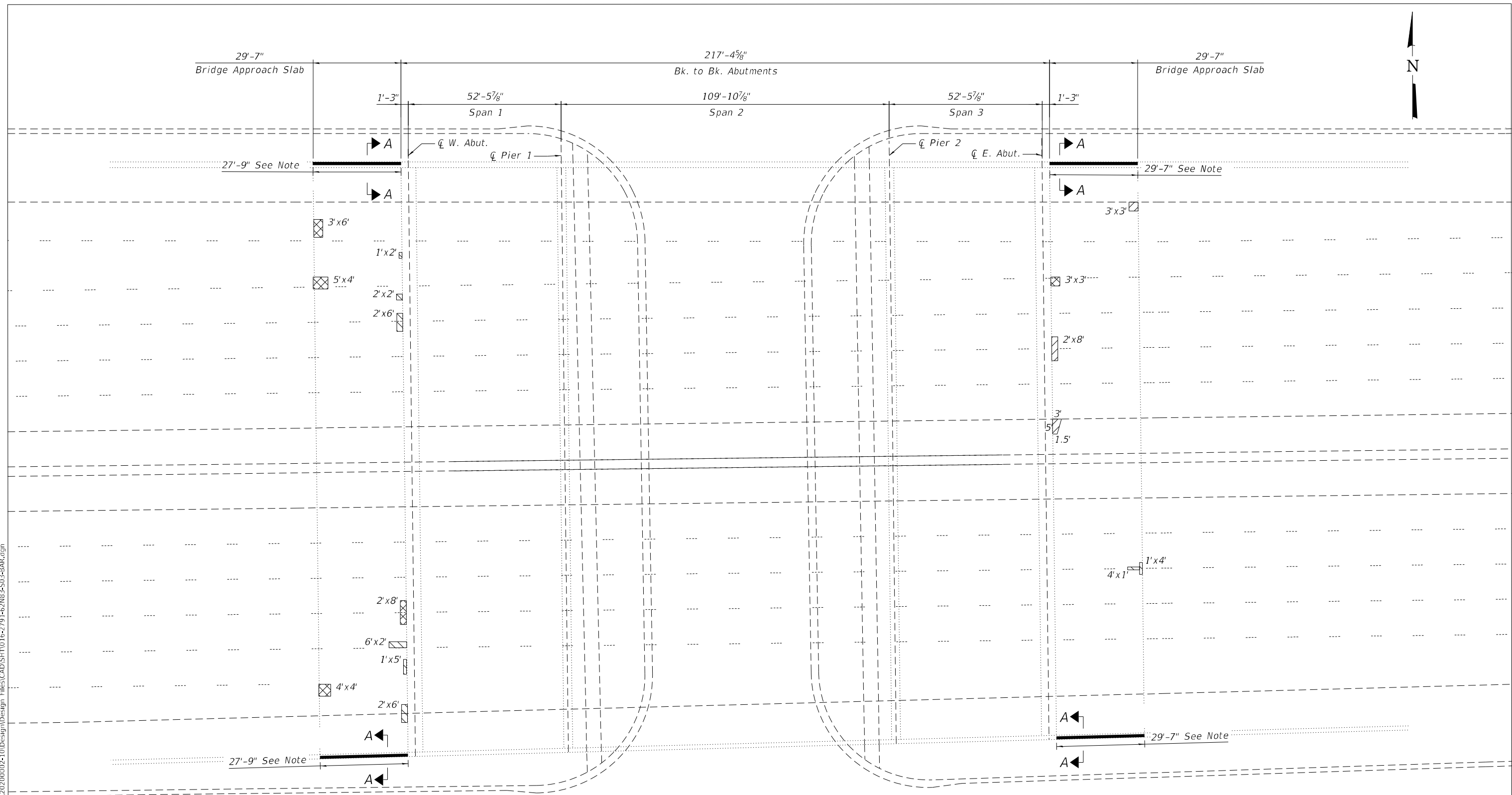
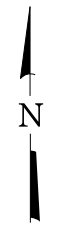
- S-01 General Plan & Elevation
- S-02 General Notes & Total Bill of Material
- S-03 Bridge Approach Repairs
- S-04 Bridge Approach Details

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
APPROACH SLAB REPAIR (FULL DEPTH)	SQ YD	8.1
APPROACH SLAB REPAIR (PARTIAL DEPTH)	SQ YD	8.9

MODEL: Default
 FILE NAME: \\gasnet-gasai.com\all\multi\Share\AllProj\012020\20200002-10\Design\Design Files\CAD\Sheet\016-2791-62N83-502-INK.dgn
 5/13/2021 12:08:43 PM

 8501 W. Higgins Road, Suite 280 Chicago, Illinois 60631; (773) 399-0112	USER NAME =	DESIGNED - F.B.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES & TOTAL BILL OF MATERIAL SN 016-2791	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN - F.B.	REVISED -			80	2021-049-PP	COOK	134	60
	PLOT DATE =	CHECKED - H.A.	REVISED -	SHEET 2 OF 4 SHEETS		ILLINOIS FED. AID PROJECT CONTRACT NO. 62N83				



BILL OF MATERIAL

ITEM	UNIT	TOTAL
APPROACH SLAB REPAIR (FULL DEPTH)	SQ YD	8.1
APPROACH SLAB REPAIR (PARTIAL DEPTH)	SQ YD	8.9

Note:
For section A-A and joint sealing details see sheet S-04.

- Approach Slab Repair (Full Depth)
- Approach Slab Repair (Partial Depth)
- Joint Sealing

MODEL: Default
 FILE NAME: \\gasnet\pasai.com\all\Multi\Share\AllProj\OH\2020\20200002-10\Design\Design\Files\CAD\SH\T1016-2791-62N83-S03-BAR.dgn
 5/13/2021 12:08:43 PM

GRÄEF
 8501 W. Higgins Road, Suite 280
 Chicago, Illinois 60631; (773) 399-0112

USER NAME =	DESIGNED -	F.B.	REVISED -
	CHECKED -	H.A.	REVISED -
PLOT SCALE =	DRAWN -	F.B.	REVISED -
PLOT DATE =	CHECKED -	H.A.	REVISED -

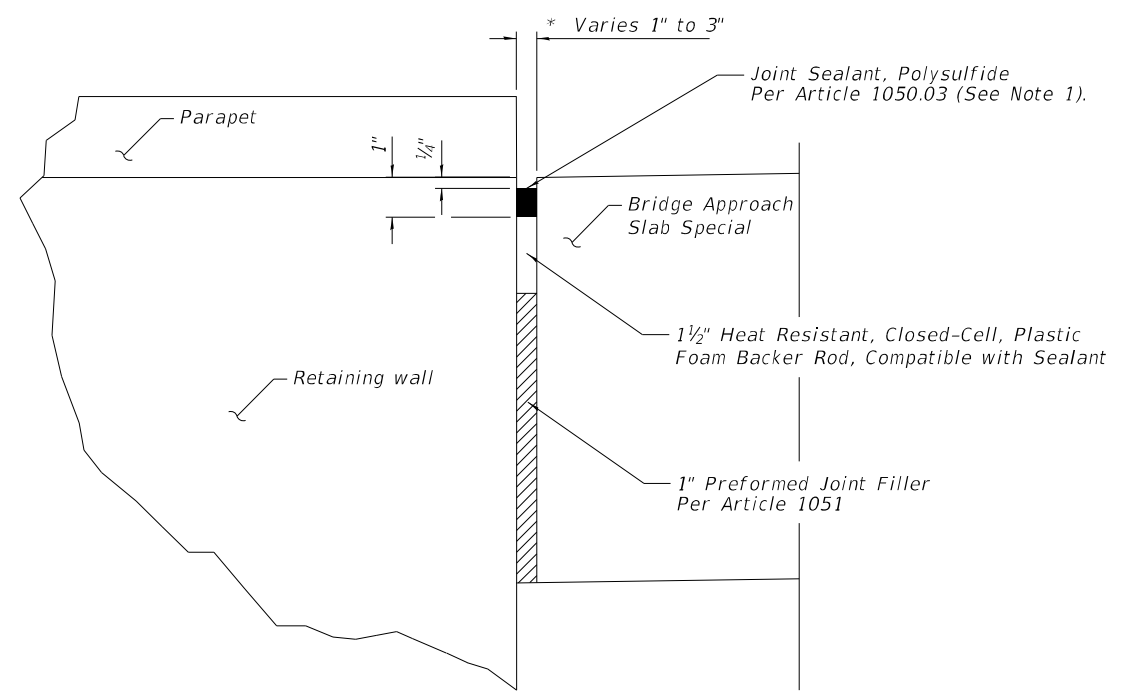
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BRIDGE APPROACH REPAIRS
 SN 016-2791**

SHEET 3 OF 4 SHEETS

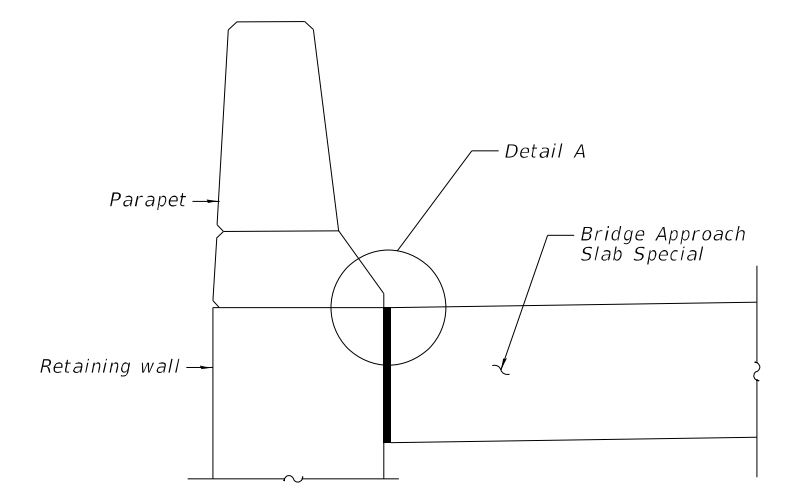
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	61
CONTRACT NO. 62N83				
ILLINOIS FED. AID PROJECT				

* Joint opening to be verified in the field prior to ordering of materials.



DETAIL A

SHOULDER JOINT AT RETAINING WALL DETAIL



SECTION A-A

Notes:

1. The joints shall be cleaned prior to sealing. Sealant shall be placed in a clean, dry joint.
2. Joint sealing shall be paid under "Approach Slab Repair (Full Depth)" pay item as shown in Detail A on this sheet.

MODEL: Default
FILE NAME: \\gasnet-gasai.com\all\multi\share\all\proj\ohi\2020\20200002-10\Design\Design Files\CAD\SH\016-2791-62N83-504-DET.dgn

GRāEF
8501 W. Higgins Road, Suite 280
Chicago, Illinois 60631; (773) 399-0112

USER NAME =	DESIGNED -	F.B.	REVISED -
	CHECKED -	H.A.	REVISED -
PLOT SCALE =	DRAWN -	F.B.	REVISED -
PLOT DATE =	CHECKED -	H.A.	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BRIDGE APPROACH DETAILS
SN 016-2791**

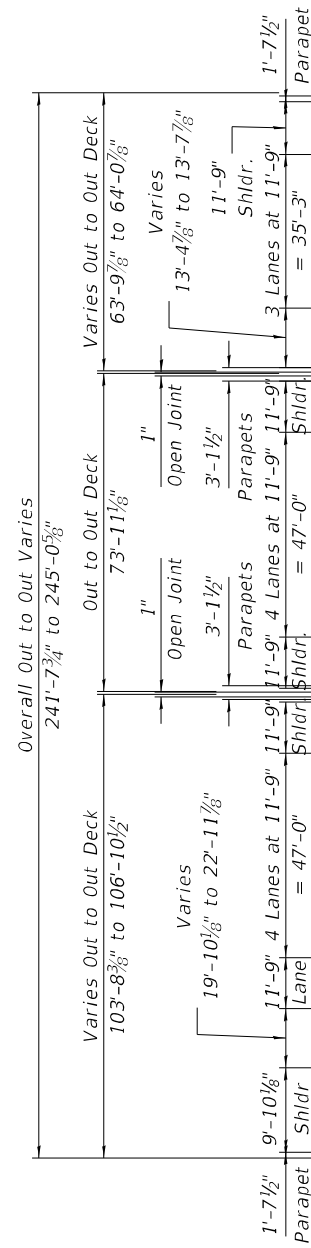
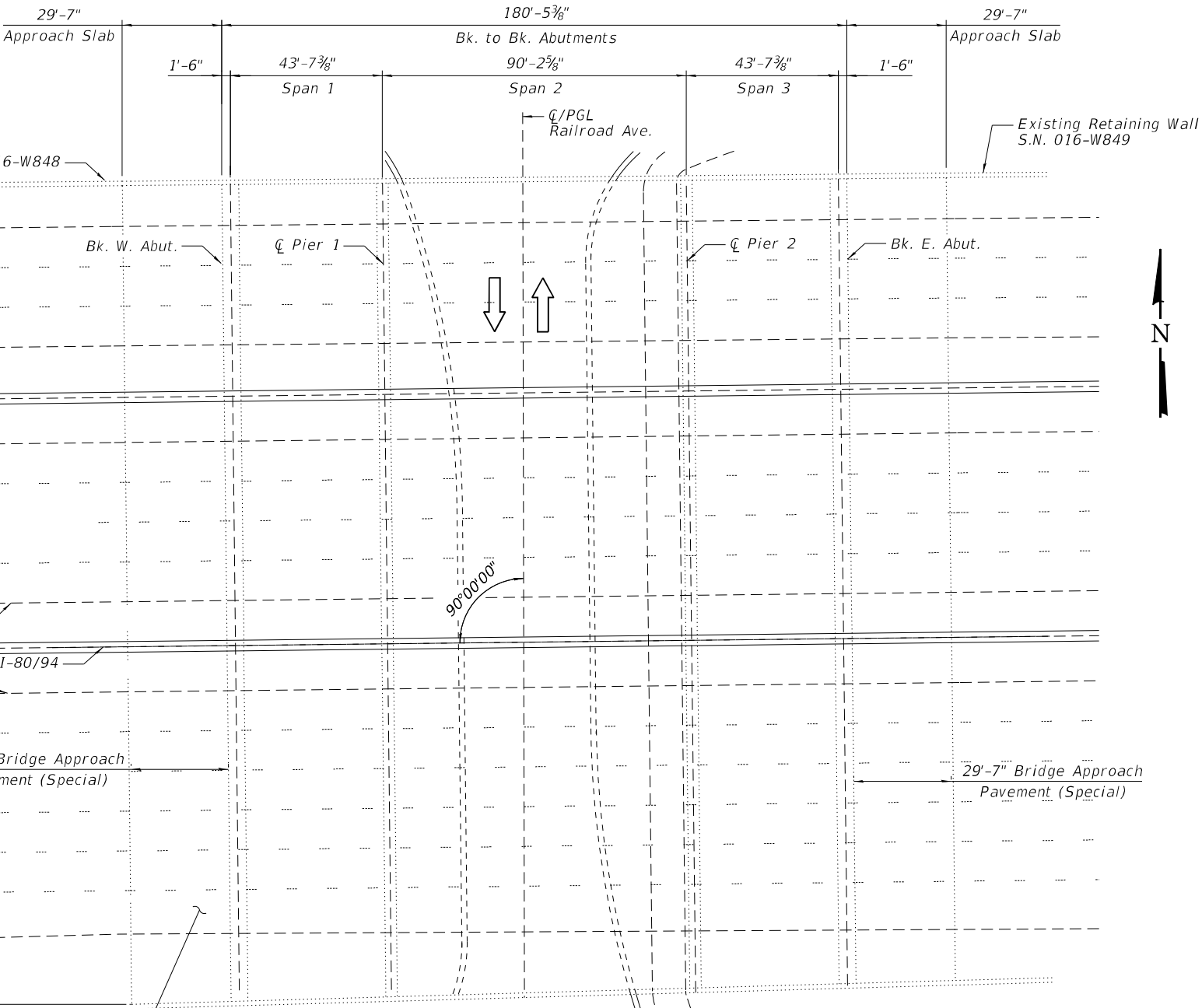
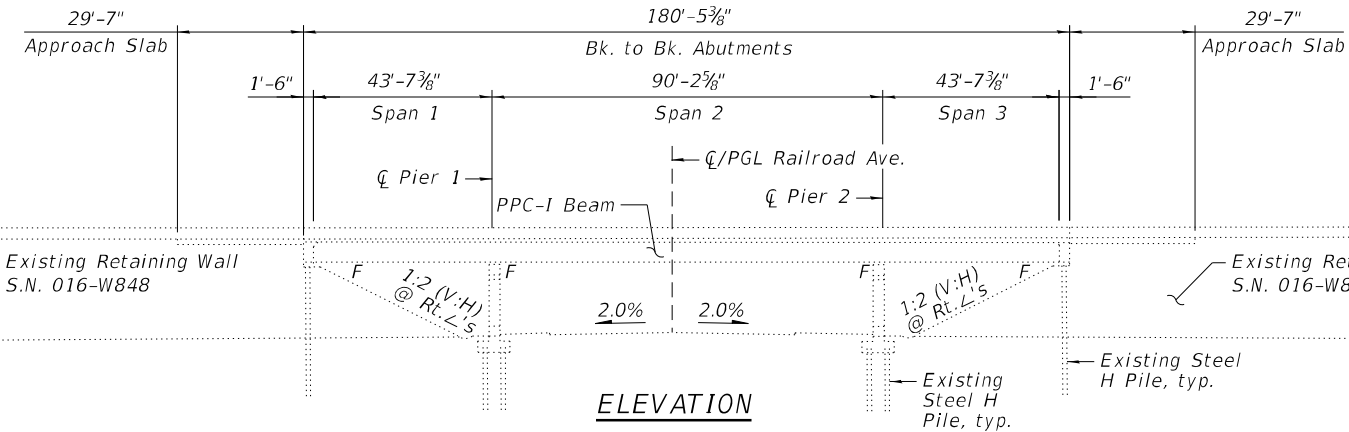
SHEET 4 OF 4 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	62
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N83	

Existing Structure: Three span, 180'-5 $\frac{3}{8}$ " back to back of abutment. Continuous PPC-I-beam bridge on multi-column concrete piers and open abutments.

Traffic is to be maintained utilizing stage construction.

No salvage.



Partial depth and full repair of approach slabs utilizing staged construction (typ. at each abutment)

PLAN

FOR INFORMATION ONLY

- SCOPE OF WORK**
1. Partial depth and full depth repair of approach slabs utilizing staged construction.
 2. Sealing of joint between approach slab and retaining wall as shown on plans.



GENERAL PLAN & ELEVATION
 FAI I-80 OVER RAILROAD AVENUE
 SECTION 2021-049-PP
 COOK COUNTY
 STRUCTURE NO. 016-2792

MODEL: Default
 FILE NAME: \\gasnet-gasai.com\all\proj\share\all\proj\016-2792-02-10\Design\Design Files\CAD\Sheet\016-2792-02-10-GPE.dgn
 5/13/2021 12:09:11 PM



USER NAME =	DESIGNED -	F.B.	REVISED -
PLOT SCALE =	CHECKED -	H.A.	REVISED -
PLOT DATE =	DRAWN -	F.B.	REVISED -
	CHECKED -	H.A.	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
 SN 016-2792

SHEET 1 OF 4 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	63
CONTRACT NO. 62N83				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. Repair quantities have been prepared from notes received from IDOT Engineers and shall be verified in the field.
2. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contactor 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 the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
3. The Contractor shall use PP-1, PP-2, PP-3 or PP-4 Concrete for all approach slab patches.
4. The Contractor must use extreme caution during full depth deck slab repair. The existing reinforcement bars shall be cleaned. If any of these reinforcement bars are damaged they must be replaced with an approved bar splicer or anchorage system. The cost of this work is included with Approach Slab Repair (Full Depth).
5. For construction staging see Maintenance of Traffic Sheets.

INDEX OF SHEETS

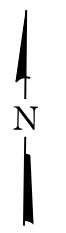
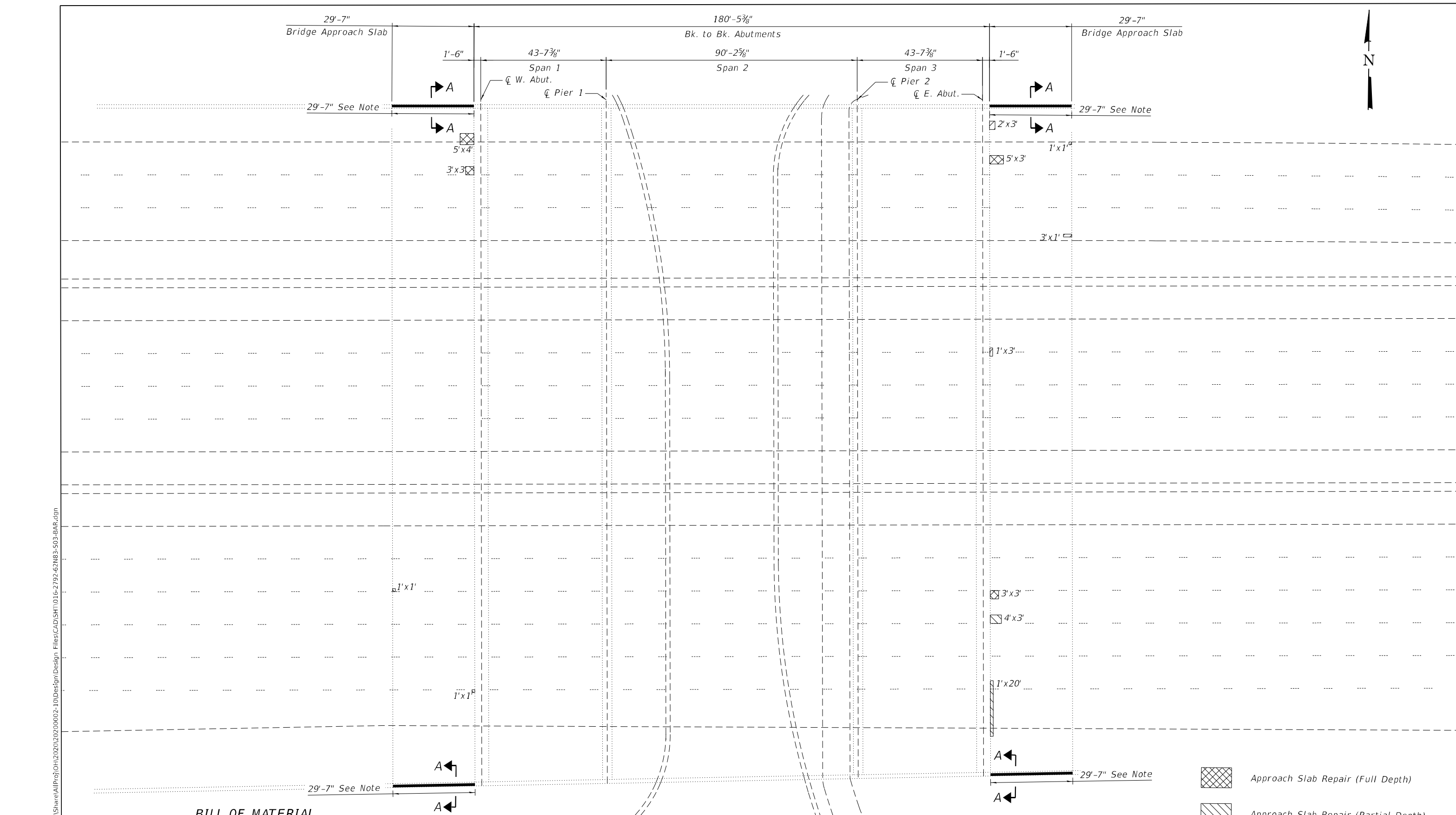
- S-01 General Plan & Elevation
- S-02 General Notes & Total Bill of Material
- S-03 Bridge Approach Repairs
- S-04 Bridge Approach Details

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
APPROACH SLAB REPAIR (FULL DEPTH)	SQ YD	5.9
APPROACH SLAB REPAIR (PARTIAL DEPTH)	SQ YD	5.2

MODEL: Default
 FILE NAME: \\gasnet-gasai.com\all\MultiShare\AllProj\012020\20200002-10\Design\Design Files\CAD\Sheet\16-2792-62N83-502-1N-X.dgn
 5/13/2021 12:09:21 PM

 8501 W. Higgins Road, Suite 280 Chicago, Illinois 60631; (773) 399-0112	USER NAME =	DESIGNED - F.B.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES & TOTAL BILL OF MATERIAL SN 016-2792	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED - H.A.	REVISED -			80	2021-049-PP	COOK	134	64
	PLOT SCALE =	DRAWN - F.B.	REVISED -			CONTRACT NO. 62N83				
PLOT DATE =	CHECKED - H.A.	REVISED -	SHEET 2 OF 4 SHEETS							
						ILLINOIS FED. AID PROJECT				



BILL OF MATERIAL

ITEM	UNIT	TOTAL
APPROACH SLAB REPAIR (FULL DEPTH)	SQ YD	5.9
APPROACH SLAB REPAIR (PARTIAL DEPTH)	SQ YD	5.2

Note:
For section A-A and joint sealing details see sheet S-04.

- Approach Slab Repair (Full Depth)
- Approach Slab Repair (Partial Depth)
- Joint Sealing

MODEL: Default
 FILE NAME: \\gasnet.gasnet.com\all\MultiShare\Proj\CH2020\20200002-10\Design\Design Files\CAD\SH1\016-2792-62\N83-503-BAR.dgn
 5/13/2021 12:09:22 PM



USER NAME =	DESIGNED -	F.B.	REVISED -
	CHECKED -	H.A.	REVISED -
PLOT SCALE =	DRAWN -	F.B.	REVISED -
PLOT DATE =	CHECKED -	H.A.	REVISED -

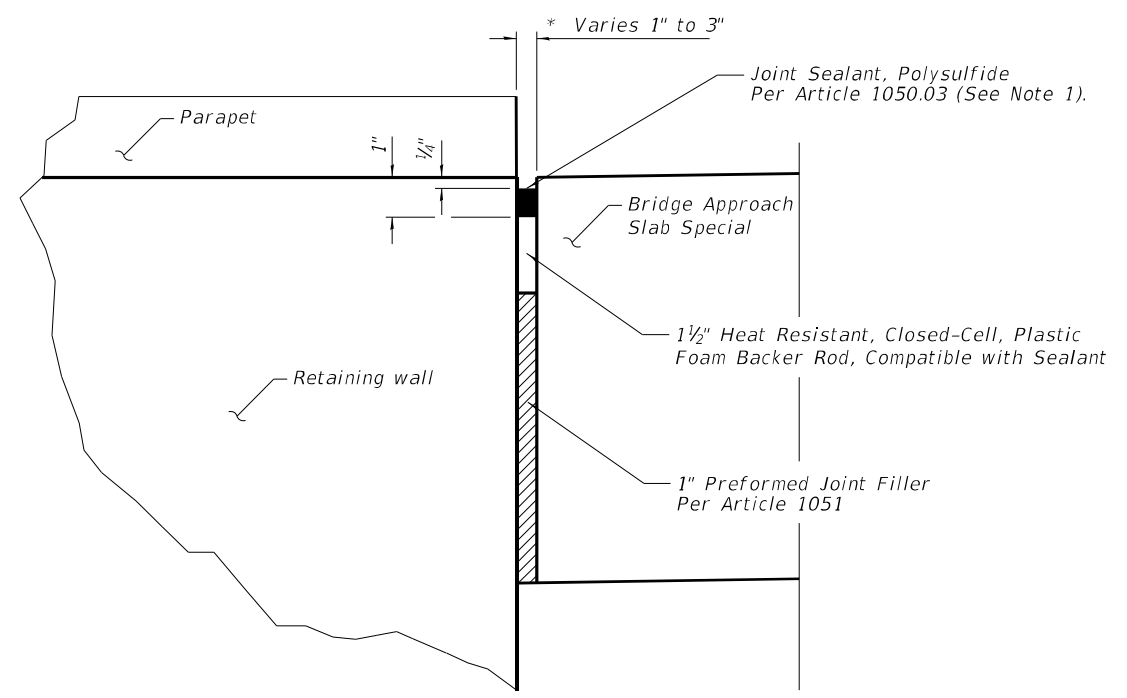
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BRIDGE APPROACH REPAIRS
SN 016-2792**

SHEET 3 OF 4 SHEETS

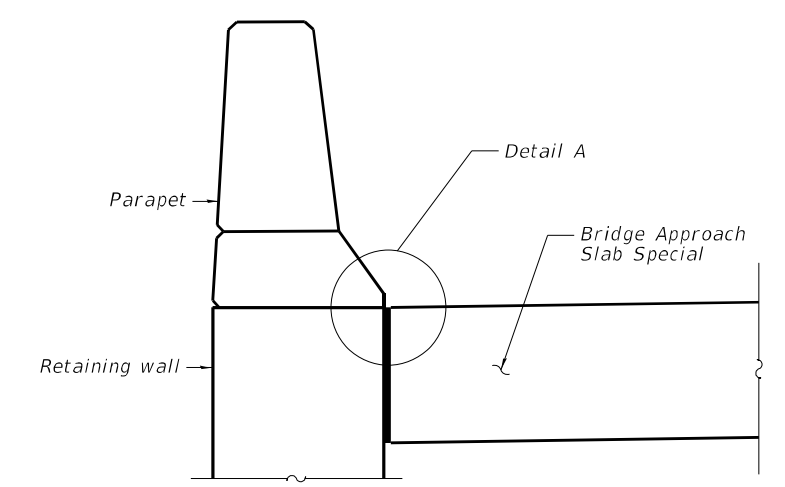
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	65
CONTRACT NO. 62N83				
ILLINOIS FED. AID PROJECT				

* Joint opening to be verified in the field prior to ordering of materials.



DETAIL A

SHOULDER JOINT AT RETAINING WALL DETAIL



SECTION A-A

Notes:

1. The joints shall be cleaned prior to sealing. Sealant shall be placed in a clean, dry joint.
2. Joint sealing shall be paid under "Approach Slab Repair (Full Depth)" pay item as shown in Detail A on this sheet.

MODEL: Default
FILE NAME: \\gasnet-gasai.com\all\multi\share\all\proj\ohi\2020\20200002-10\Design\Design Files\CAD\SH\016-2792-62N83-504-DET.dgn

USER NAME =	DESIGNED -	F.B.	REVISED -
	CHECKED -	H.A.	REVISED -
PLOT SCALE =	DRAWN -	F.B.	REVISED -
PLOT DATE =	CHECKED -	H.A.	REVISED -

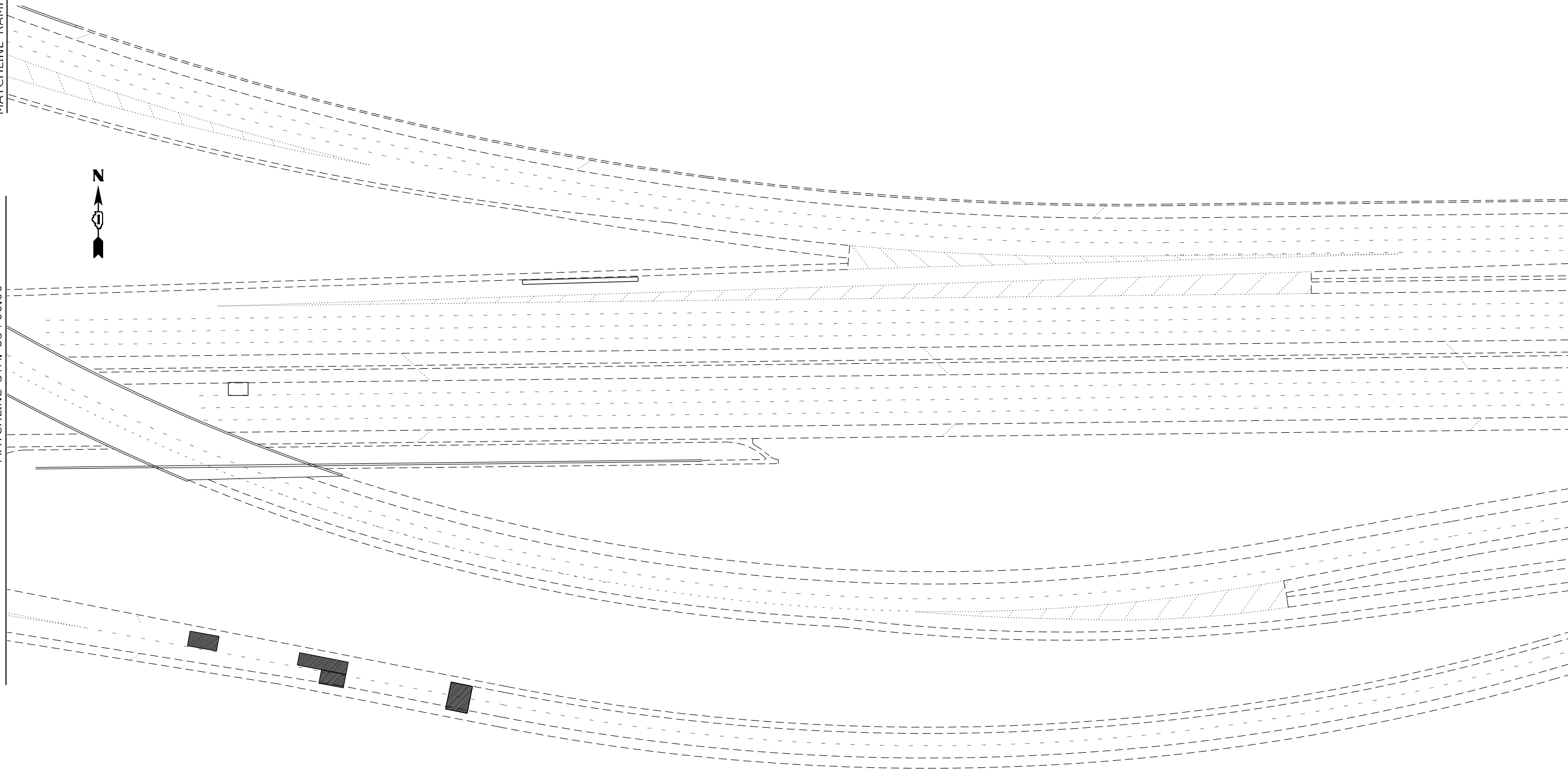
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	66
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N83	

MODEL: Default
 FILE NAME: p:\u0000\m00000.dwg
 PROJECT: I-80 - I-55 Interchange
 OFFICE: District 1
 DATE: 5/13/2021

MATCHLINE RAMPS

MATCHLINE STA. 83+00.00

MATCHLINE STA. 98+00.00



USER NAME = qureshiya	DESIGNED -	REVISED -
PLOT SCALE = 100,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 5/13/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLAN
 I-80/94 (IL 394 TO IL IN STATE LINE)**

SCALE: SHEET OF SHEETS STA. TO STA.

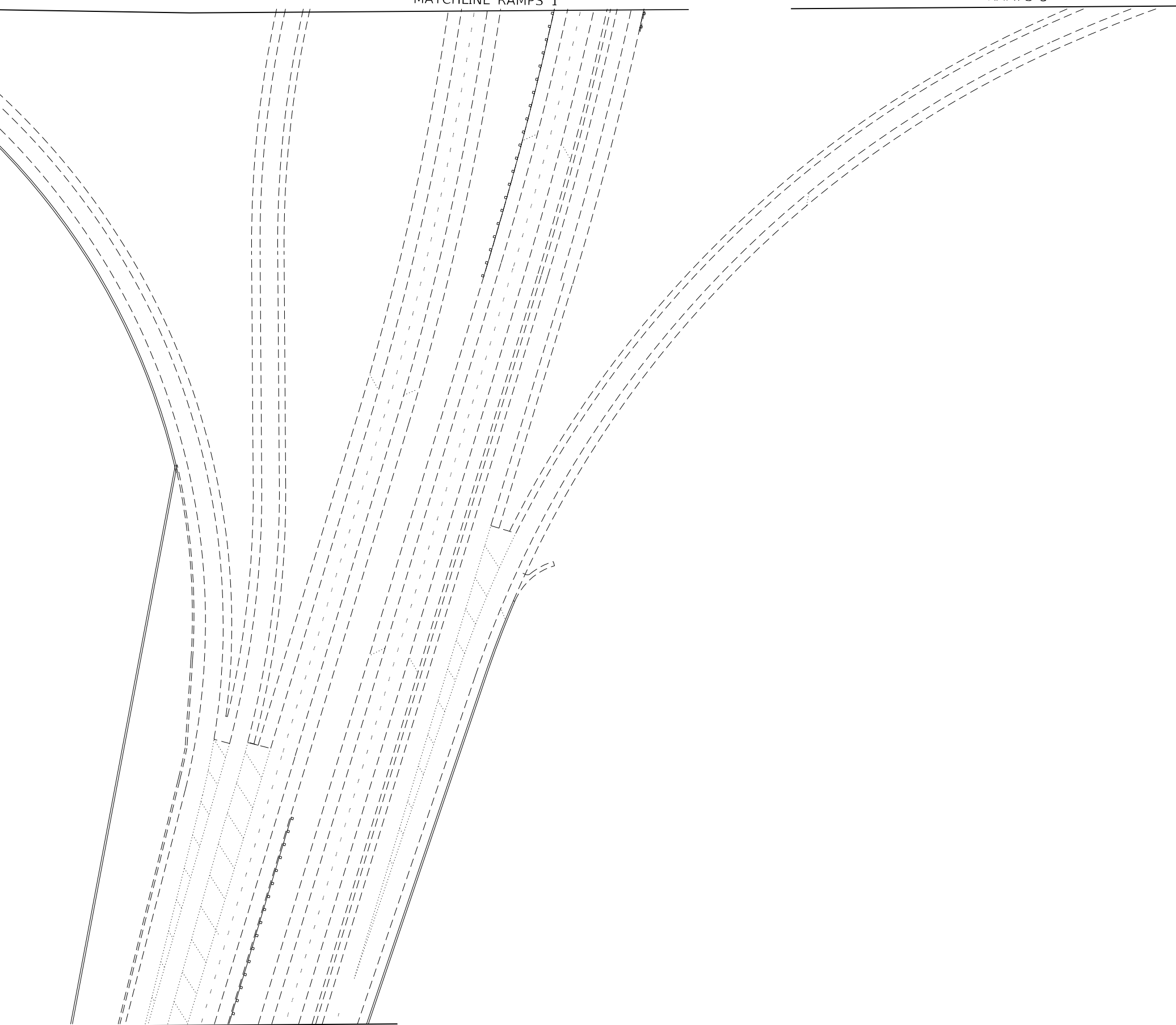
F.A.I. RTE. I-80	SECTION 2021-049-PP	COUNTY COOK	TOTAL SHEETS 134	SHEET NO. 68
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N83	

MATCHLINE RAMPS 1

MATCHLINE RAMPS 3



MATCHLINE RAMPS 8



MODEL: Default
FILE NAME: p:\pub\baronm.dwt\illinois\pwr\DOT\Documents\DOT_Offices\District 1\Projects\I-80 - I-94\CAD\DATA\Design\I-80-I-94_Design.dgn

USER NAME = qureshiya	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLAN
I-80/94 (IL 394 TO ILLIN STATE LINE)**

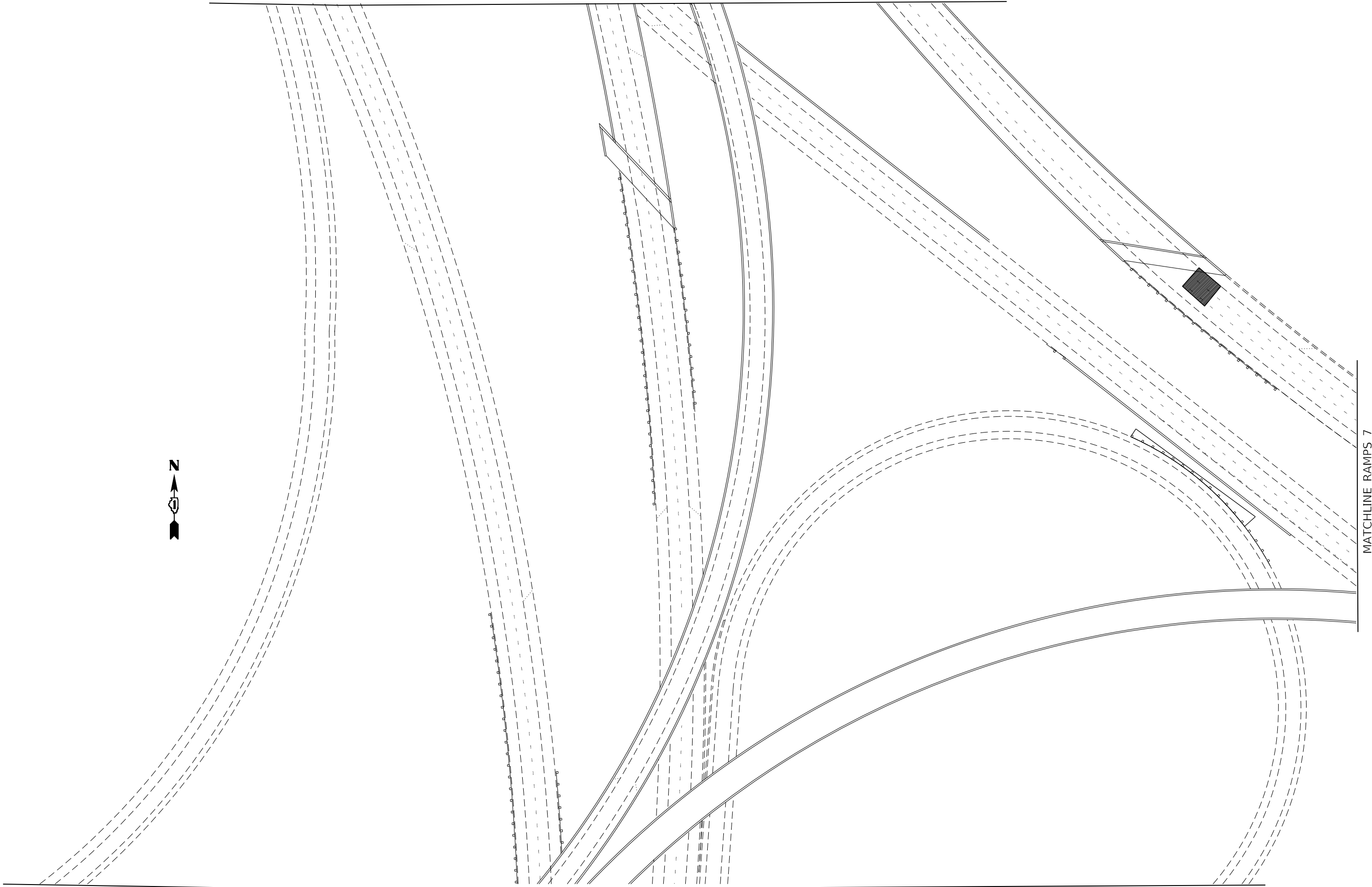
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	2021-049-PP	COOK	134	69
			CONTRACT NO. 62N83	
		ILLINOIS	FED. AID PROJECT	

MATCHLINE RAMPS 4

MATCHLINE RAMPS 7

MATCHLINE RAMPS 2



MODEL: Default
FILE NAME: p:\planning\room\dot\illinois\pwr\DOT\Documents\DOT_Offices\Distric 1\Projects\I-80 - I-80\CAD\DATA\Design\I-80-94-Design.dgn

USER NAME = qureshiya	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

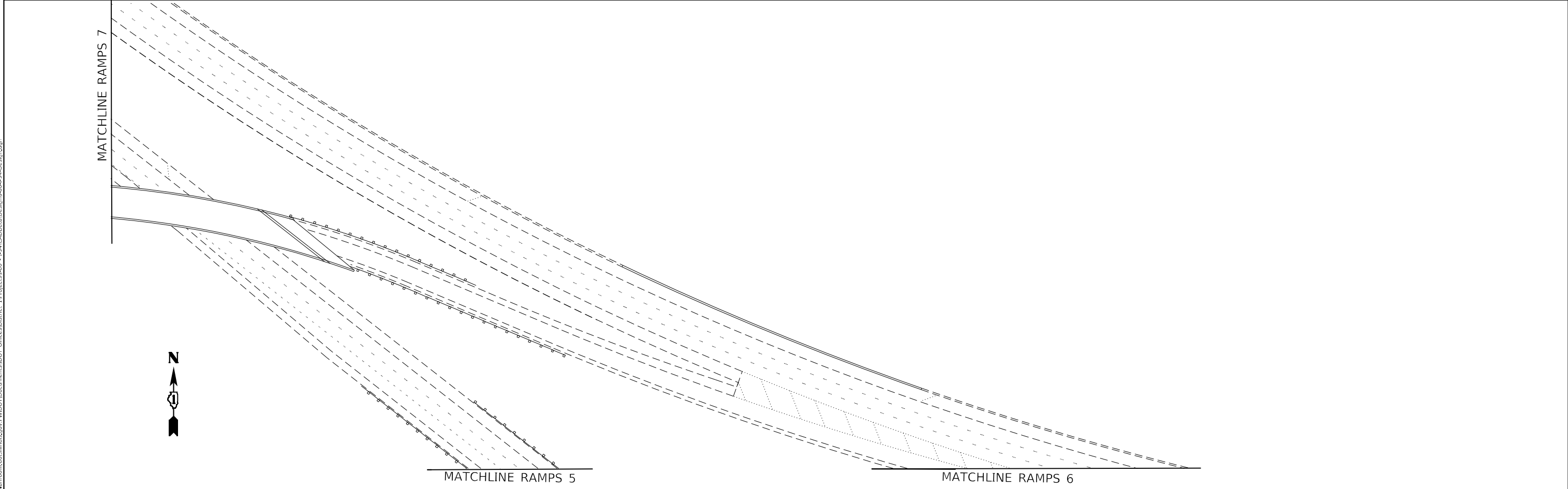
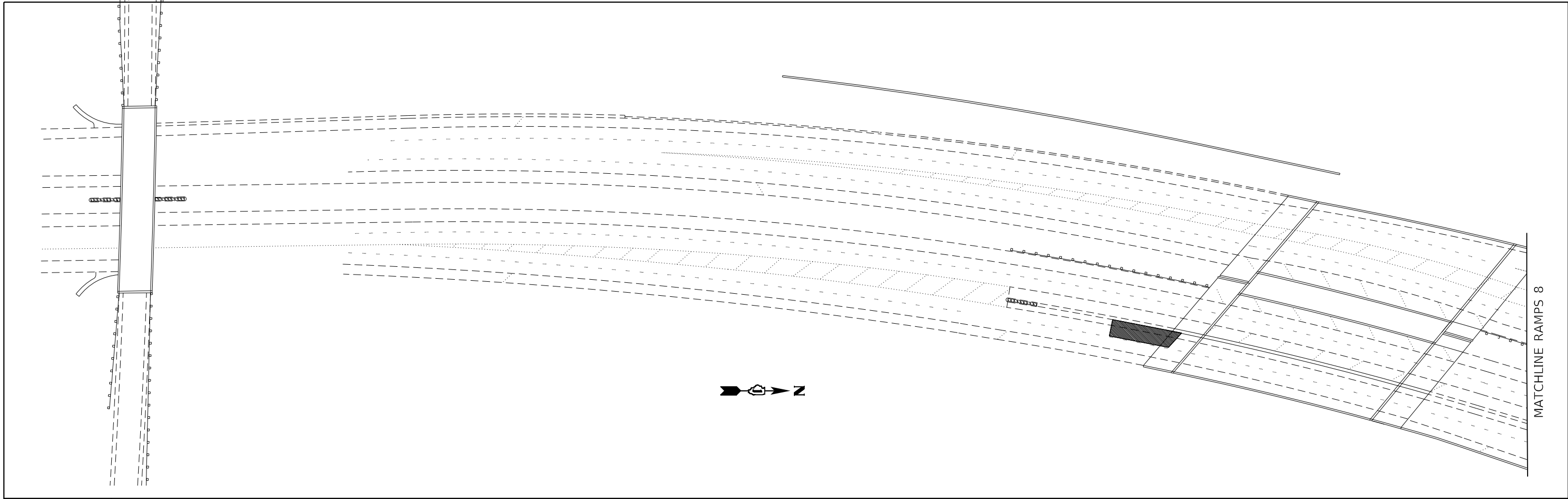
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLAN
I-80/94 (IL 394 TO ILLIN STATE LINE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	2021-049-PP	COOK	134	70
			CONTRACT NO. 62N83	
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
 FILE NAME: p:\mhammond.dwt\illinois\pww\DOT\Documents\DOT_Offices\District 1\Projects\I-80 - I-80\I-80\303a\Design\I-80-303a-Design.dgn

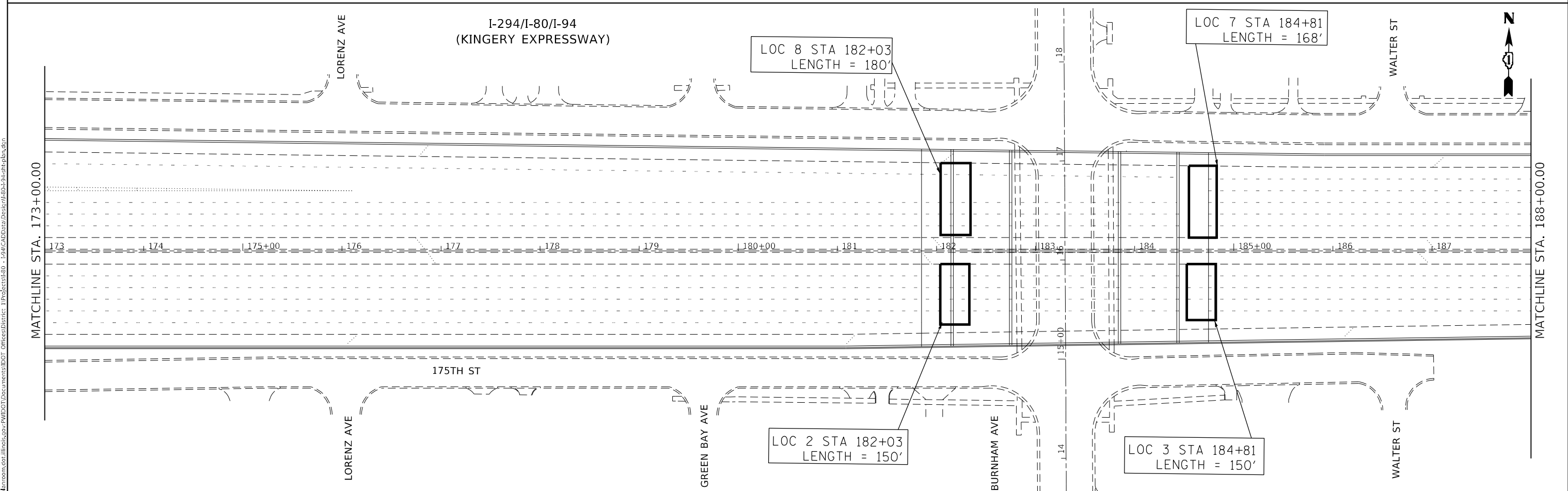
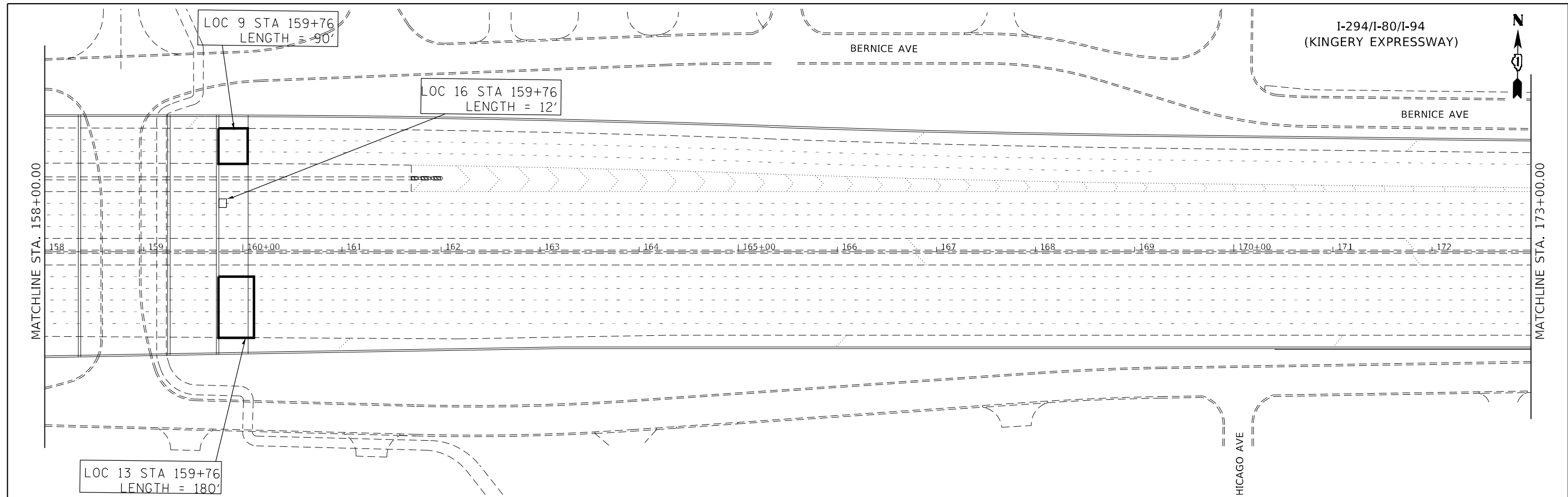


USER NAME = qureshiya	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN I-80/94 (IL 394 TO IL/IN STATE LINE)				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	2021-049-PP	COOK	134	71
			CONTRACT NO. 62N83	
		ILLINOIS	FED. AID PROJECT	



MODEL: Default
 FILE NAME: p:\planning\2021\pp\2021-049-PP\2021-049-PP.dwg
 PROJECT: 2021-049-PP
 OFFICE: DISTRICT 1
 DATE: 5/13/2021

USER NAME = qureshiya	DESIGNED -	REVISED -
PLOT SCALE = 100,000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/13/2021	CHECKED -	REVISED -
	DATE -	REVISED -

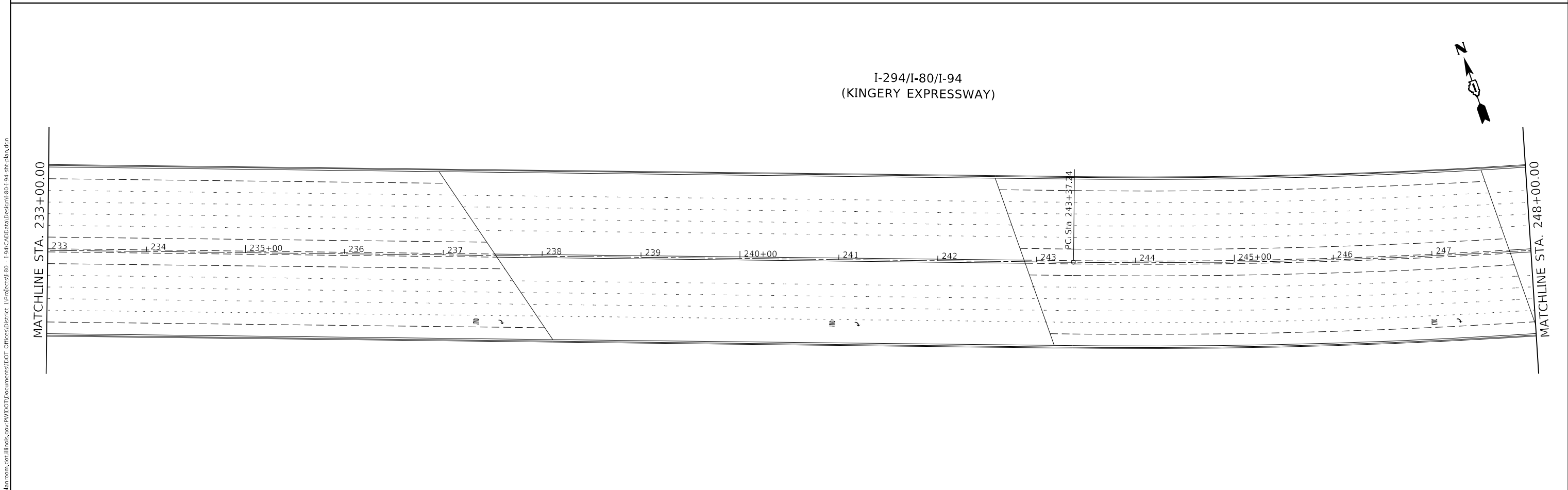
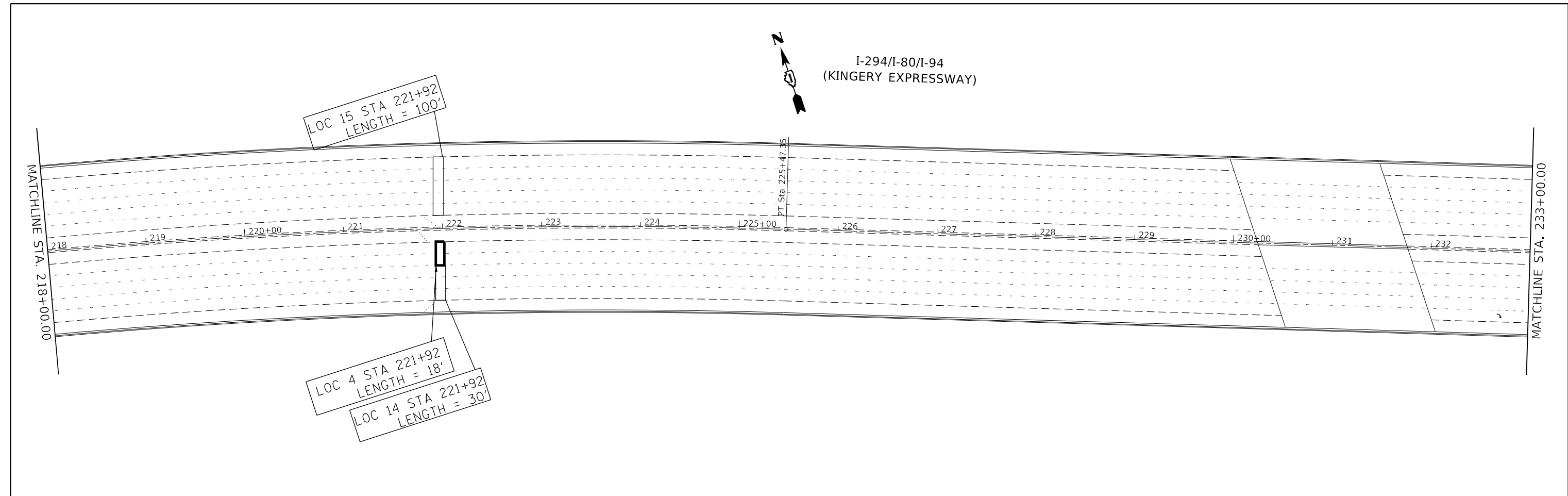
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLAN
I-80/94 (TORRENCE AVE. TO I/IIN STATE LINE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2021-049-PP	COOK	134	75
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N83	

MODEL: Default
 FILE NAME: p:\m\l\m\room.d\illinois\p\WIDOT\Documents\DOT_Offices\Distrefc_1\Project\I-80 - I-80\CD\303a\303a\303a\I-80-94-rh-pln.dgn



USER NAME = qureshiya	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

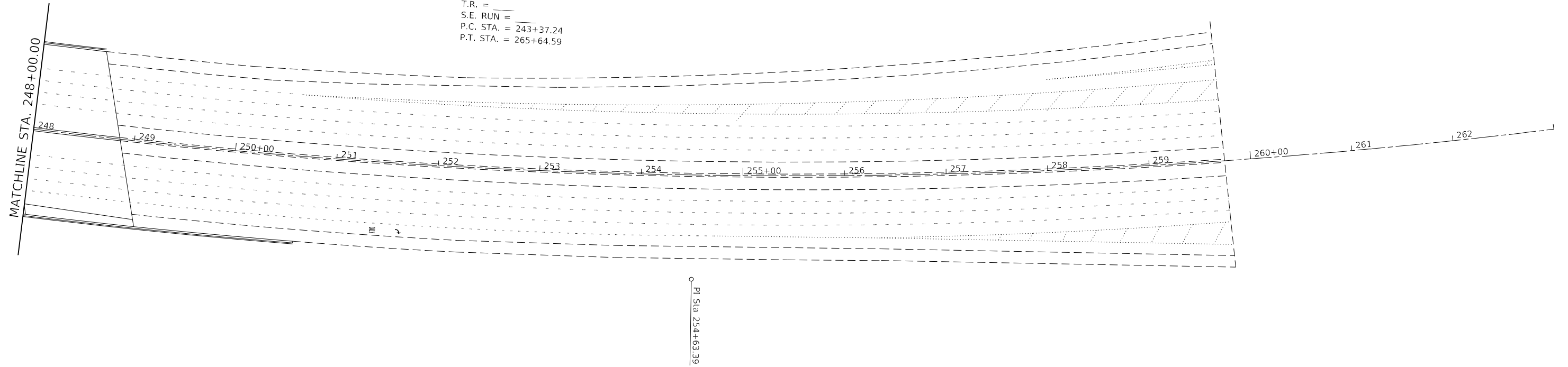
**EXISTING AND PROPOSED ROADWAY PLAN
 I-80/94 (TORRENCE AVE. TO IL/IN STATE LINE)**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	2021-049-PP	COOK	134	77
			CONTRACT NO. 62N83	
		ILLINOIS	FED. AID PROJECT	

SCALE: SHEET OF SHEETS STA. TO STA.

EXIST. CURVE 180_E_13
 PI STA. = 254+63.39
 $\Delta = 20^\circ 51' 41''$ (LT)
 $D = 0^\circ 56' 12''$
 $R = 6,117.44'$
 $T = 1,126.15'$
 $L = 2,227.35'$
 $E = 102.79'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 243+37.24$
 $P.T. STA. = 265+64.59$

I-294/I-80/I-94
 (KINGERY EXPRESSWAY)



MODEL: Default
 FILE NAME: p:\pub\mroom.dwt\illinois\gpr\WIDOT\Documents\DOT_Offices\Distric 1\Project\I-80 - I-94\I-80\I-80\I-80-94-rt-pln.dgn

USER NAME = qureshiya	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

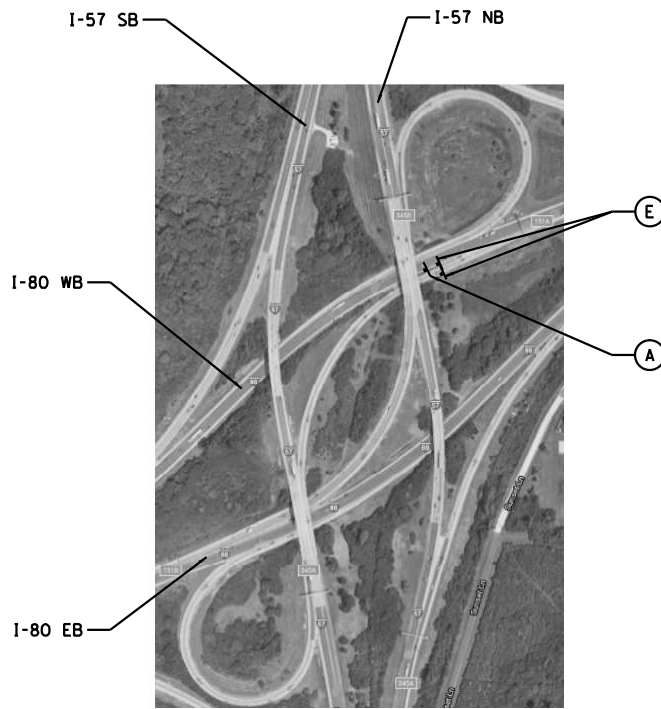
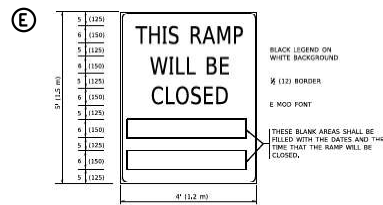
EXISTING AND PROPOSED ROADWAY PLAN			
I-80/94 (TORRENCE AVE. TO ILIN STATE LINE)			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	2021-049-PP	COOK	134	78
			CONTRACT NO. 62N83	
		ILLINOIS	FED. AID PROJECT	

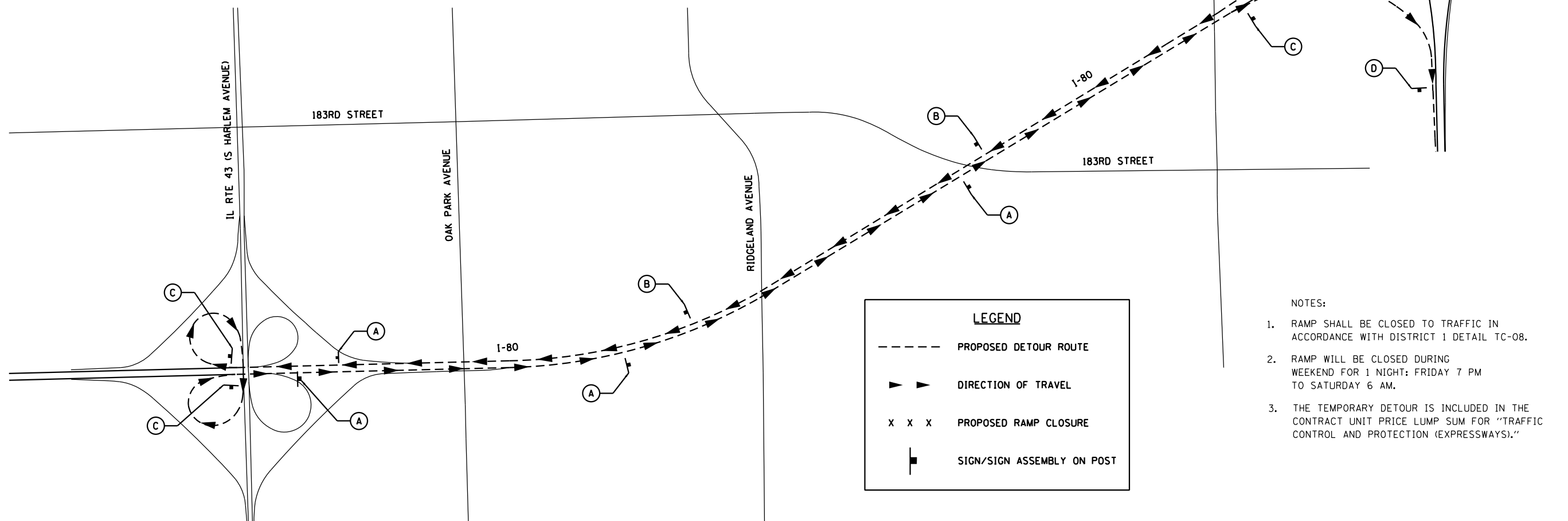
SIGN LEGEND

- | | | |
|--|--|---|
| <p>(A)</p> <p>DETOUR SOUTH
M4-8 36"X18"
M3-3 36"X18"
M1-1 36"X36"
M6-3 30"X21"</p> | <p>(B)</p> <p>DETOUR SOUTH
M4-8 36"X18"
M3-3 36"X18"
M1-1 36"X36"
M5-5 30"X21"</p> | <p>(C)</p> <p>DETOUR SOUTH
M4-8 36"X18"
M3-3 36"X18"
M1-1 36"X36"
M6-2R 30"X21"</p> |
|--|--|---|

(D) **END DETOUR** M4-8A 36"X24"



DETAIL #1
NOT TO SCALE



LEGEND

- PROPOSED DETOUR ROUTE
- ▶▶ DIRECTION OF TRAVEL
- x x x PROPOSED RAMP CLOSURE
- █ SIGN/SIGN ASSEMBLY ON POST

- NOTES:**
- RAMP SHALL BE CLOSED TO TRAFFIC IN ACCORDANCE WITH DISTRICT 1 DETAIL TC-08.
 - RAMP WILL BE CLOSED DURING WEEKEND FOR 1 NIGHT: FRIDAY 7 PM TO SATURDAY 6 AM.
 - THE TEMPORARY DETOUR IS INCLUDED IN THE CONTRACT UNIT PRICE LUMP SUM FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)."

MODEL: Default
 FILE: M:\E:\G:\Engineering\Live\Projects\320005\DOT\DIR\VO_14 - 6218\1\CADD\CADD_Sheets\Civil\152783-sh-Detour_Route-Ramp_S.dgn



USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - JLS	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED TRAFFIC CONTROL AND PROTECTION
RAMP "S" DETOUR ROUTE
I-57 AT I-80 EMERGENCY PATCHING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	79
CONTRACT NO. 62N83				
ILLINOIS FED. AID PROJECT E03(520)				



167TH STREET

167TH STREET

175TH STREET

175TH STREET

IL RTE 50 IS CICERO AVENUE

I-80

I-57

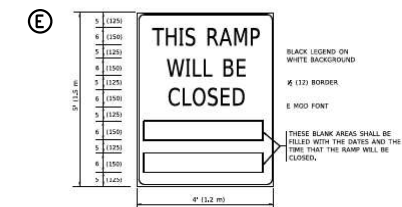
NOTES:

1. RAMP SHALL BE CLOSED TO TRAFFIC IN ACCORDANCE WITH DISTRICT 1 DETAIL TC-08.
2. RAMP WILL BE CLOSED DURING 1 WEEKEND: FRIDAY 7 PM TO MONDAY 6 AM
3. THE TEMPORARY DETOUR IS INCLUDED IN THE CONTRACT UNIT PRICE LUMP SUM FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)."

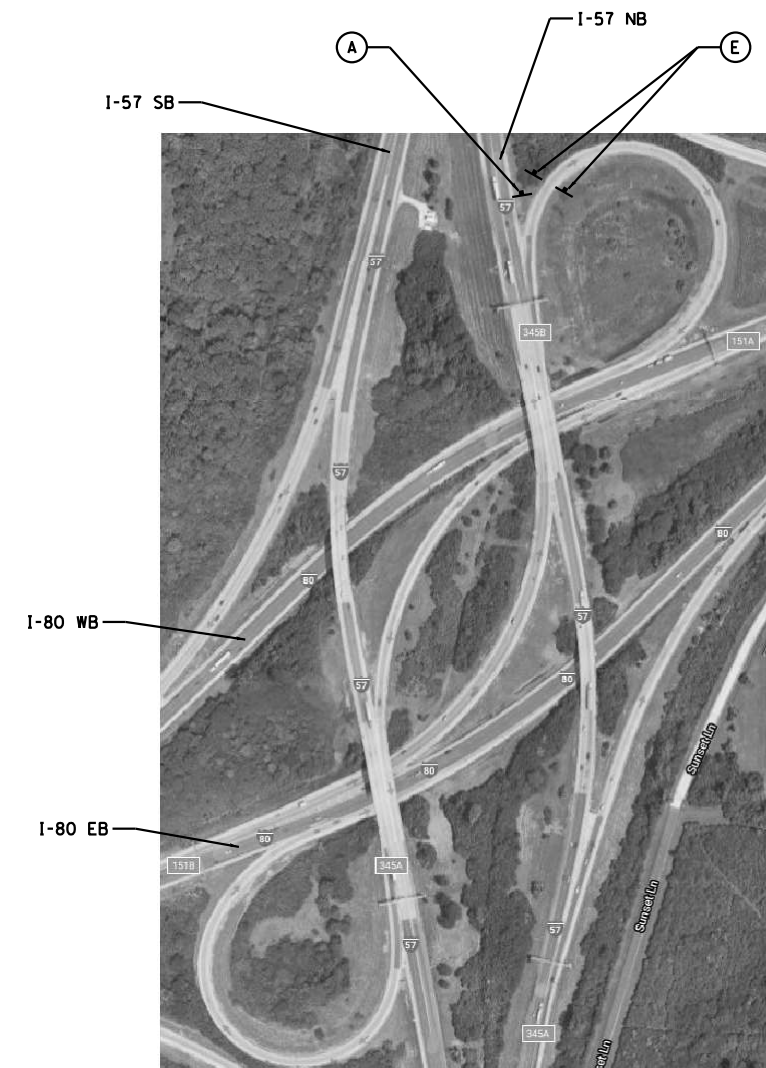
SIGN LEGEND

- | | | |
|---|--|---|
| <p>(A) M4-8 36"x18"</p> <p> M3-4 36"x18"</p> <p> M1-1 36"x36"</p> <p> M6-3 30"x21"</p> | <p>(B) M4-8 36"x18"</p> <p> M3-4 36"x18"</p> <p> M1-1 36"x36"</p> <p> M6-2R 30"x21"</p> | <p>(C) M4-8 36"x18"</p> <p> M3-4 36"x18"</p> <p> M1-1 36"x36"</p> <p> M5-5 30"x21"</p> |
|---|--|---|

(D) M4-8A 36"x24"



SEE DISTRICT 1 STANDARD TC-08 FOR DETAILS



DETAIL #2
NOT TO SCALE

LEGEND

- PROPOSED DETOUR ROUTE
- DIRECTION OF TRAVEL
- PROPOSED RAMP CLOSURE
- SIGN/SIGN ASSEMBLY ON POST

SEE DETAIL #2

MODEL: Default
FILE: M:\E:\G:\Engineering\Live\Projects\2020\5 - IDOT - DUBUO\14 - 6218\1\CADD\CADD_Sheets\Civil\152783-sh-1-Detour_Route-Ramp_V.dgn



USER NAME = jschumann	DESIGNED - DH	REVISED -
	DRAWN - JLS	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -






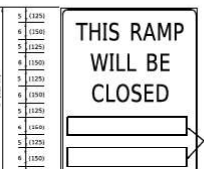
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

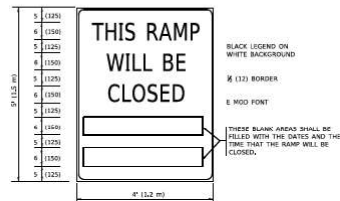
SUGGESTED TRAFFIC CONTROL AND PROTECTION
RAMP "V" DETOUR ROUTE
I-57 AT I-80 EMERGENCY PATCHING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	80
ILLINOIS FED. AID PROJECT EU31(520)			CONTRACT NO. 62N83	

SIGN LEGEND

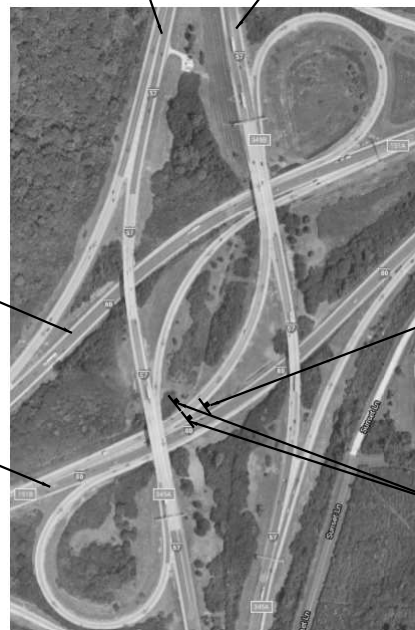
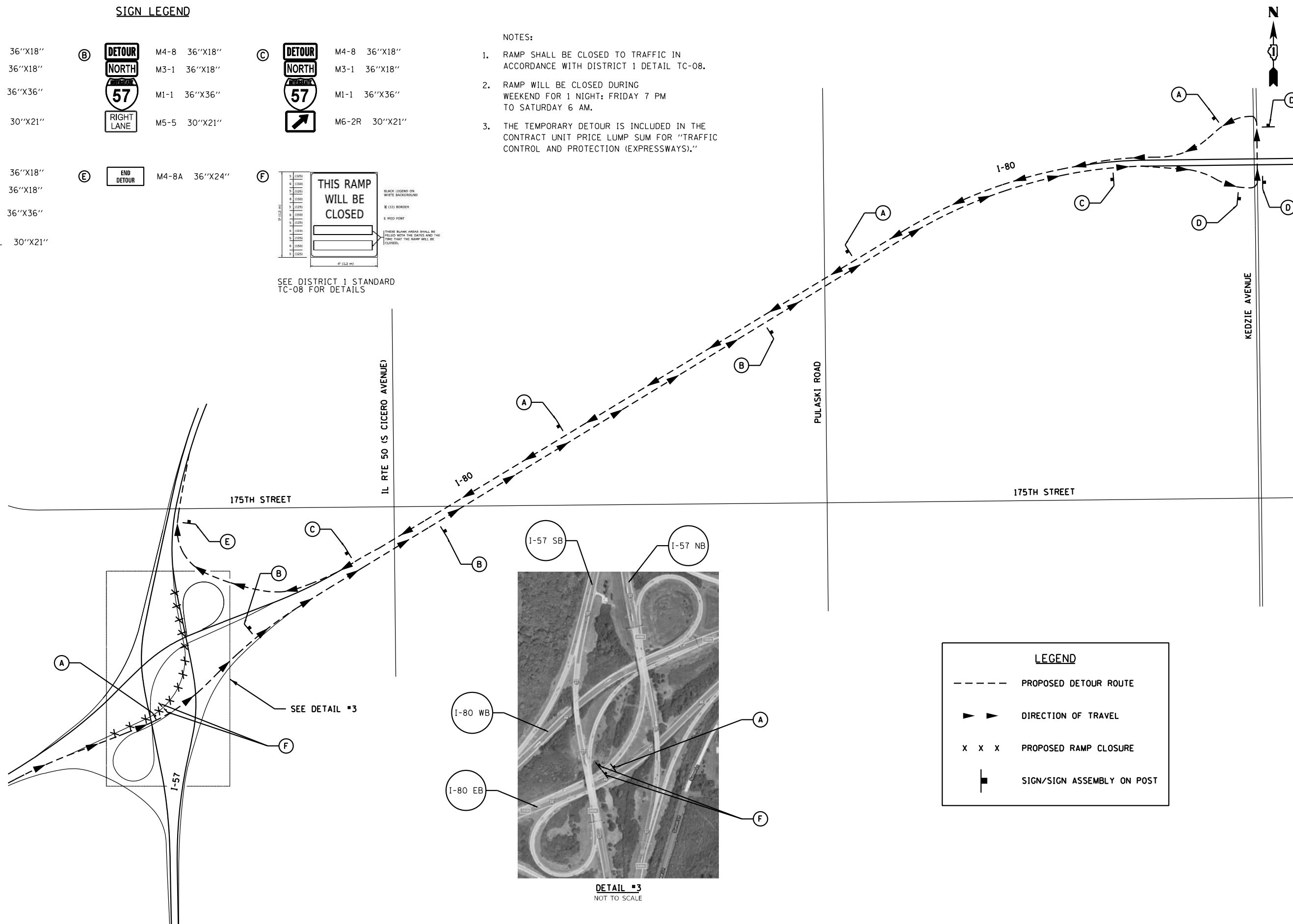
- | | | | | | |
|---|---|---|--|---|---|
| <p>A</p>  | <p>M4-8 36"x18"
M3-1 36"x18"
M1-1 36"x36"
M6-3 30"x21"</p> | <p>B</p>  | <p>M4-8 36"x18"
M3-1 36"x18"
M1-1 36"x36"
M5-5 30"x21"</p> | <p>C</p>  | <p>M4-8 36"x18"
M3-1 36"x18"
M1-1 36"x36"
M6-2R 30"x21"</p> |
| <p>D</p>  | <p>M4-8 36"x18"
M3-1 36"x18"
M1-1 36"x36"
M6-1L 30"x21"</p> | <p>E</p>  | <p>M4-8A 36"x24"</p> | <p>F</p>  | |



SEE DISTRICT 1 STANDARD TC-08 FOR DETAILS

NOTES:

- RAMP SHALL BE CLOSED TO TRAFFIC IN ACCORDANCE WITH DISTRICT 1 DETAIL TC-08.
- RAMP WILL BE CLOSED DURING WEEKEND FOR 1 NIGHT: FRIDAY 7 PM TO SATURDAY 6 AM.
- THE TEMPORARY DETOUR IS INCLUDED IN THE CONTRACT UNIT PRICE LUMP SUM FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)."



DETAIL #3
NOT TO SCALE

LEGEND

- PROPOSED DETOUR ROUTE
- ▶▶ DIRECTION OF TRAVEL
- X X X PROPOSED RAMP CLOSURE
- SIGN/SIGN ASSEMBLY ON POST

MODEL: Default
 FILE: Model: G:\Engineering\I-57\I-57-2021\DOT-DUR\VO-14-62183\CADD\CADD-Sheets\Civil\I-57\2183-sh-detour-Route-Ramp-X.dgn



USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - JLS	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION
RAMP "X" DETOUR ROUTE
I-57 AT I-80 EMERGENCY PATCHING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	81
ILLINOIS			FED. AID PROJECT E031(520)	
			CONTRACT NO. 62N83	

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THE TRAFFIC CONTROL DEPICTED HEREIN IS THE MINIMUM REQUIREMENT. ADDITIONAL TRAFFIC CONTROL DEVICES AS SPECIFIED IN THE HIGHWAY STANDARDS AS SHOWN ON THE INDEX OF SHEETS AND THE SPECIAL PROVISIONS SHALL BE PLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. ALL TRAFFIC CONTROL DEVICES SHALL BE CONSIDERED INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS) UNLESS OTHERWISE INDICATED WITHIN THESE GENERAL NOTES, PLANS OR SPECIAL PROVISIONS.
2. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL PROMPTLY RESPOND AT THE TIME OF NOTIFICATION BY THE ENGINEER FOR THE MAINTENANCE OF TRAFFIC CONTROL DEVICES.
3. WORK ZONE SPEED LIMIT SHALL BE 45 MPH ON THE MAINLINE AND 40 MPH ON THE ON RAMP.
4. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN TRAFFIC IN ACCORDANCE WITH THE TRAFFIC CONTROL PLANS, SPECIAL PROVISIONS, APPLICABLE STATE STANDARDS, AND AS DIRECTED BY THE ENGINEER. ANY CHANGES TO THE TRAFFIC CONTROL SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO IMPLEMENTING ANY CHANGES.
5. THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN, AND REMOVE ALL SIGNS AND SIGN SUPPORTS REQUIRED FOR TRAFFIC CONTROL AND PROTECTION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING LABOR, SIGNS, AND TRAFFIC CONTROL DEVICES NECESSARY FOR THE MAINTENANCE OF TRAFFIC UNLESS OTHERWISE NOTED IN THE SPECIAL PROVISIONS.
7. ALL EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE COVERED OR REMOVED IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
8. THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY PROPOSED CHANGE TO THE SUGGESTED STAGE OF CONSTRUCTION AND TRAFFIC CONTROL PLAN.
9. THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF ONE 12' THRU-LANE FOR BOTH NB AND SB TRAFFIC UNLESS OTHERWISE SPECIFIED.
10. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV FOR ARTERIALS AND EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING OF WORK.
11. IMMEDIATELY AFTER THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL RESTORE ALL PERMANENT PAVEMENT MARKINGS, SIGNS, AND OTHER TRAFFIC CONTROL DEVICES THAT WERE COVERED, IF THEY WERE REMOVED, DAMAGED, OR OTHERWISE AFFECTED BY CONSTRUCTION. THE COST TO REPAIR ANY DAMAGES WILL BE BORNE BY THE CONTRACTOR AND NOT THE RESPONSIBILITY OF THE DEPARTMENT.
12. THE CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY DRAINAGE PROTECTION DURING ALL PHASES OF CONSTRUCTION.
13. THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS BY THE ENGINEER.
14. ALL "ROAD CONSTRUCTION AHEAD" AND "SHOULDER CLOSED AHEAD" SIGNS WILL BE EQUIPPED WITH MONO-DIRECTIONAL TYPE A AMBER FLASHING LIGHTS.
15. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED, OR TURNED AWAY FROM THE TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED; ITS POST SHALL HAVE A REFLECTIVE 3" X 6" DELINEATOR INSTALLED. COST OF DELINEATOR IS INCLUDED IN TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
16. LANES MAY ONLY BE CLOSED DURING THE ALLOWABLE HOURS LISTED IN THE KEEPING EXPRESSWAY OPEN TO TRAFFIC SPECIAL PROVISION.
17. A MAINTENANCE OF TRAFFIC PLAN SHALL BE SUBMITTED TO THE DISTRICT ONE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR 14 DAYS IN ADVANCE OF STAGE CHANGES, LANE CLOSURES OR FULL EXPRESSWAY CLOSURES. THE MAINTENANCE OF TRAFFIC PLAN SHALL INCLUDE, BUT NOT LIMITED TO LANE CLOSURES, EXISTING GEOMETRICS, AND EQUIPMENT AND MATERIAL LOCATIONS.
18. DRUM OR TYPE II BARRICADE SPACING SHALL BE 100' CENTER-CENTER SPACING IN TANGENTS, 50' CENTER-CENTER SPACING IN TAPERS AND SHIFTS, AND 10' CENTER-CENTER SPACING IN RADII.
19. THE CONTRACTOR SHALL PLACE ONE (1) CHANGEABLE MESSAGE SIGN AT EACH END OF THE PROJECT AND/OR AS DIRECTED BY THE ENGINEER TO INFORM MOTORISTS OF UPCOMING CONSTRUCTION ACTIVITIES. THE MESSAGE SIGNS WITH APPROPRIATE INFORMATION SHALL BE PLACED SEVEN (7) DAYS BEFORE START OF CONSTRUCTION ACTIVITY. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR DAY, "CHANGEABLE MESSAGE SIGN". TWO (2) CHANGEABLE MESSAGE SIGNS WILL BE PLACED AT LOCATIONS WITH CLOSURES ON THE MAINLINE EXPRESSWAY AND ANY IMPACTED RAMPS.
20. LANES AND RAMPS MAY ONLY BE CLOSED DURING THE ALLOWABLE HOURS LISTED IN THE KEEPING THE EXPRESSWAYS OPEN TO TRAFFIC SPECIAL PROVISION AND AS NOTED IN PLANS.
21. NO MATERIAL OR EQUIPMENT SHALL BE LEFT ON OR NEAR THE ROADWAY DURING NON-WORKING HOURS.
22. LANE CLOSURES FOR ALL THE MAINLINE PATCHING ON I-57 ARE ONLY PERMITTED DURING FOLLOWING TIME FRAME:
FRIDAY 7PM TO MONDAY 6AM.

MODEL: Default
 FILE: \\mwr\c\engineer\hql\live\proj\6220005\DOT\DIR\WO_14_ - 621N83\CADD\CADD_Sheets\Civil\1521N83-sh-1-MOT-gennote.dgn



USER NAME = jschumann	DESIGNED - DH	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - DGM	REVISED -
PLOT DATE = 5/13/2021	CHECKED - AB	REVISED -
	DATE - 05-13-2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED TRAFFIC CONTROL AND PROTECTION
GENERAL NOTES
I-57 AT I-80 EMERGENCY PATCHING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	82
			CONTRACT NO. 62N83	
		ILLINOIS	FED. AID PROJECT E03(520)	

SUGGESTED SEQUENCE OF CONSTRUCTION AND MAINTENANCE OF TRAFFIC FOR I-57

THE FOLLOWING SEQUENCE OF CONSTRUCTION AND MAINTENANCE OF TRAFFIC IS SUGGESTED. VARIATIONS MAY BE MADE WITH THE APPROVAL OF THE ENGINEER. FOR EACH STAGE OF CONSTRUCTION, PROVIDE TRAFFIC CONTROL AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS. COORDINATE INSTALLATION OF TRAFFIC CONTROL DEVICES WITH THE EXISTING TRAFFIC PATTERS AT THE ENDS OF THE PROJECT ALONG INTERSTATE 57 AND IMPACTED CROSS STREETS. THE IMPROVEMENTS WILL BE CONSTRUCTED USING SHORT TERM LANE CLOSURES AND RAMP CLOSURES, PER DISTRICT ONE STANDARDS TC-08 AND TC-09, IDOT HIGHWAY STANDARDS 701400, 701401, 701428, AND 701451.

NORTHBOUND I-57

STAGE I

1. UTILIZE IDOT HIGHWAY STANDARD 701428 TO INSTALL TRAFFIC CONTROL DEVICES FOR THE FOLLOWING STEPS SHOWN IN THE PLANS.
2. CLOSE THE LEFT LANE OF NORTHBOUND I-57 ACCORDING TO IDOT HIGHWAY STANDARDS 701400 AND 701401.
3. CLOSE THE LEFT LANE OF RAMP "X", I-80 EASTBOUND TO I-57 NORTHBOUND, INCLUDING THE AUXILIARY LANE ALONG EASTBOUND I-80. SHIFT TRAFFIC FROM THE RIGHT LANE OF THE RAMP TO THE LEFT LANE USING DISTRICT ONE DETAIL TC-09.
4. WHEN WORKERS ARE PRESENT DURING REMOVAL AND REPLACEMENT FOR EMERGENCY PATCHING, RAMP "X", I-80 EASTBOUND TO I-57 NORTHBOUND, SHALL BE CLOSED ACCORDING TO IDOT HIGHWAY STANDARD 701451 AND DETOUR RAMPS AS SHOWN IN THE PLANS.
5. PERFORM CLASS A PATCHING AS SHOWN IN THE PLANS.
6. RE-OPEN RAMP "X", I-80 EASTBOUND TO I-57 NORTHBOUND, AS DESCRIBED IN NOTE 3 ABOVE IMMEDIATELY AFTER CONCRETE IS PLACED AND WORKERS ARE NO LONGER PRESENT IN THE WORK ZONE.

STAGE II

1. UTILIZE IDOT HIGHWAY STANDARD 701428 TO INSTALL TRAFFIC CONTROL DEVICES FOR THE FOLLOWING STEPS SHOWN IN THE PLANS.
2. CLOSE THE RIGHT LANE OF NORTHBOUND I-57 ACCORDING TO IDOT HIGHWAY STANDARDS 701400 AND 701401 AND SHIFT TRAFFIC TO THE LEFT LANE USING DISTRICT ONE DETAIL TC-09.
3. UTILIZE IDOT HIGHWAY STANDARD 701451 TO INSTALL TRAFFIC DEVICES FOR THE RAMP "V", I-57 NORTHBOUND TO I-80 WESTBOUND, CLOSURE.
4. PERFORM CLASS A PATCHING AND CLASS D PATCHING AS SHOWN IN THE PLANS.

SOUTHBOUND I-57

STAGE I

1. UTILIZE IDOT HIGHWAY STANDARD 701428 TO INSTALL TRAFFIC CONTROL DEVICES FOR THE FOLLOWING STEPS SHOWN IN THE PLANS.
2. CLOSE THE LEFT LANE OF SOUTHBOUND I-57 ACCORDING TO HIGHWAY STANDARDS 701400 AND 701401.
3. SHIFT TRAFFIC ON TO THE SHOULDER OF RAMP "S", I-80 WESTBOUND TO I-57 SOUTHBOUND, USING DISTRICT ONE DETAIL TC-09.
4. WHEN WORKERS ARE PRESENT DURING REMOVAL AND REPLACEMENT FOR EMERGENCY PATCHING, RAMP "S", I-80 WESTBOUND TO I-57 SOUTHBOUND, SHALL BE CLOSED ACCORDING TO IDOT HIGHWAY STANDARD 701451 AND DETOUR RAMPS AS SHOWN IN THE PLANS.
5. PERFORM CLASS A PATCHING AS SHOWN IN THE PLANS.
6. RE-OPEN RAMP "S", I-80 WESTBOUND TO I-57 SOUTHBOUND, AS DESCRIBED IN NOTE 4 ABOVE IMMEDIATELY AFTER CONCRETE IS PLACED AND WORKERS ARE NO LONGER PRESENT IN THE WORK ZONE.

STAGE II

1. UTILIZE HIGHWAY STANDARD 701428 TO INSTALL TRAFFIC CONTROL DEVICES FOR THE FOLLOWING STEPS SHOWN IN THE PLANS.
2. CLOSE THE RIGHT LANE OF SOUTHBOUND I-57 ACCORDING TO HIGHWAY STANDARDS 701400 AND 701401 AND SHIFT TRAFFIC TO THE LEFT LANE USING DISTRICT ONE DETAIL TC-09.
3. PERFORM CLASS A PATCHING AS SHOWN IN THE PLANS.

RAMP "T" (I-57 SOUTHBOUND TO I-80 WESTBOUND)

STAGE I

1. UTILIZE IDOT HIGHWAY STANDARD 701428 TO INSTALL TRAFFIC CONTROL DEVICES FOR THE FOLLOWING STEPS SHOWN IN THE PLANS.
2. CLOSE THE RIGHT LANE OF SOUTHBOUND I-57, INCLUDING ONE OF THE AUXILIARY LANES FOR RAMP "T", ACCORDING TO IDOT HIGHWAY STANDARDS 701400 AND 701401 AND AS SHOWN IN THE PLANS.
3. SHIFT TRAFFIC FROM THE LEFT LANE OF RAMP "T" TO THE RIGHT LANE OF RAMP "T" USING DISTRICT ONE DETAIL TC-09.
4. PERFORM CLASS A PATCHING AS SHOWN IN THE PLANS.

STAGE II

1. UTILIZE IDOT HIGHWAY STANDARD 701428 TO INSTALL TRAFFIC CONTROL DEVICES FOR THE FOLLOWING STEPS SHOWN IN THE PLANS.
2. CLOSE THE RIGHT LANE OF SOUTHBOUND I-57, INCLUDING ONE OF THE RIGHT LANES FOR RAMP "T", ACCORDING TO IDOT HIGHWAY STANDARDS 701400 AND 701401 AND AS SHOWN IN THE PLANS.
3. PERFORM CLASS A PATCHING AS SHOWN IN THE PLANS.

MODEL: Default
 FILE: \\mwr\c\Engineering\Live\Projects\2009\5 IDOT DURWVO 14 - 6218\1\CADD\CADD Sheets\Civil\ID57N83-sh-1-10T- Sequence of Construction.dgn



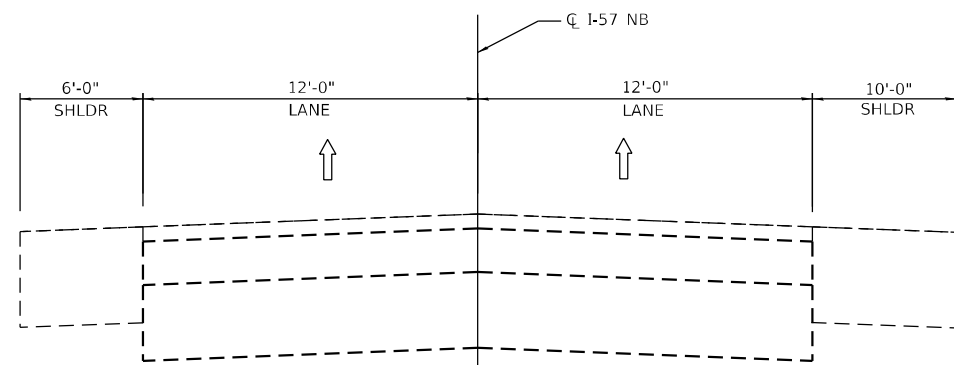
USER NAME = jschumann	DESIGNED - DH	REVISED -
	DRAWN - DGM	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION
SEQUENCE OF CONSTRUCTION AND MAINTENANCE OF TRAFFIC
I-57 AT I-80 EMERGENCY PATCHING**

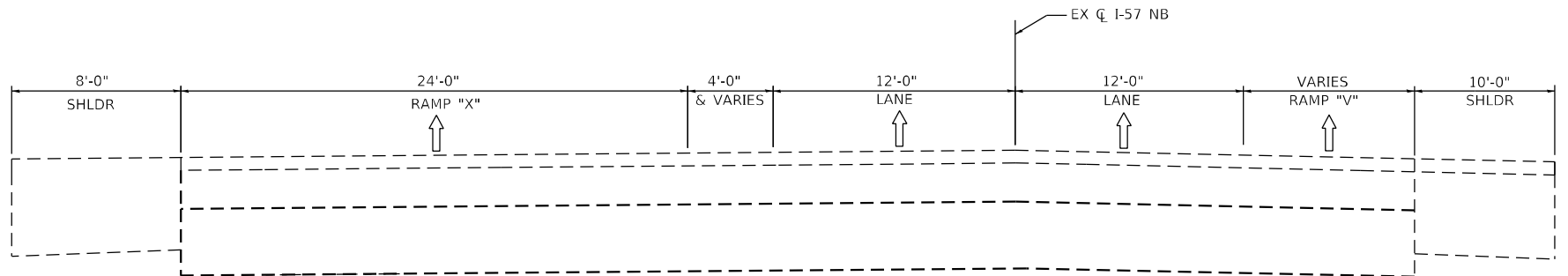
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	83
			CONTRACT NO. 62N83	
		ILLINOIS	FED. AID PROJECT E03(520)	



I-57 ROADWAY TYPICAL SECTION NB

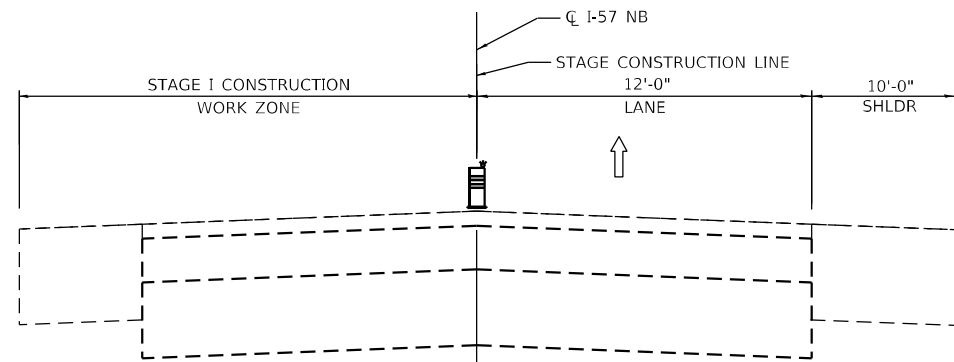
STA 373+50 TO STA 381+27



I-57 ROADWAY TYPICAL SECTION NB

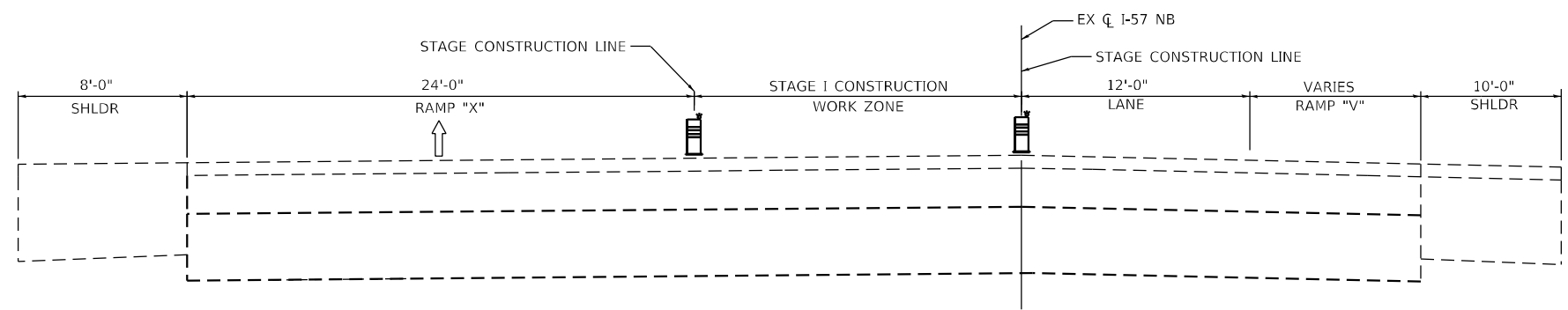
STA 381+21 TO STA 387+33

EXISTING – TYPICAL SECTIONS
(LOOKING NORTH)



I-57 ROADWAY TYPICAL SECTION NB

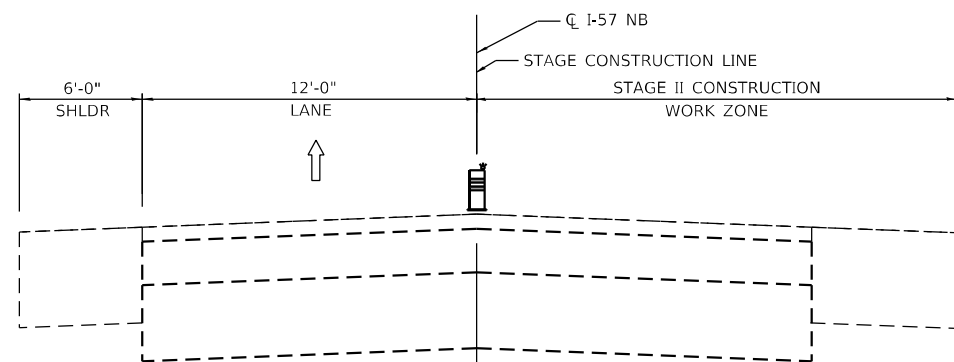
STA 373+50 TO STA 381+27



I-57 ROADWAY TYPICAL SECTION NB

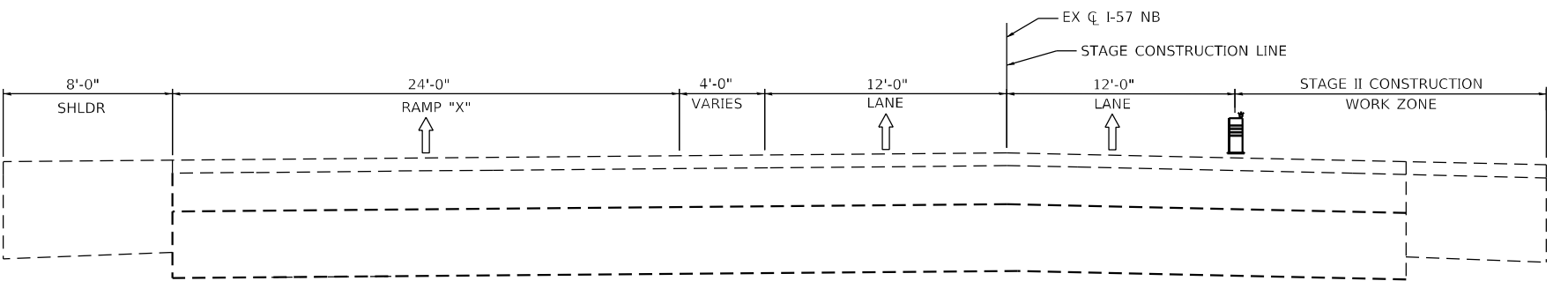
STA 381+21 TO STA 387+33

STAGE I – TYPICAL SECTIONS
(LOOKING NORTH)



I-57 ROADWAY TYPICAL SECTION NB

STA 373+50 TO STA 381+27



I-57 ROADWAY TYPICAL SECTION NB

STA 381+21 TO STA 387+33

STAGE II – TYPICAL SECTIONS
(LOOKING NORTH)

LEGEND



DIRECTION OF TRAFFIC



TYPE II BARRICADE OR DRUM

MODEL: Default; FILE: M:\Work\GIS\Engineering\Live\Projects\200905_IDOT_DUR\WO_14_-_62N83\CADD\CADD_Sheets\Civil\ID152\N83-shc-stabing_Typ_Sec_NB.dgn



USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - PV	REVISIONS -	
PLOT SCALE = 40.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -

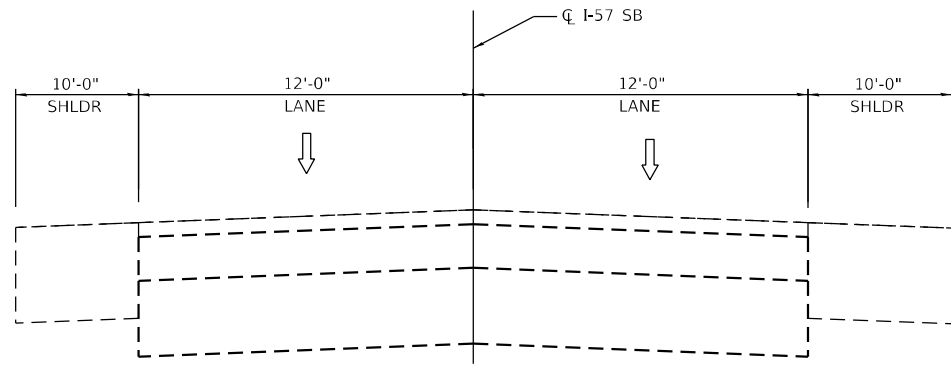
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION
I-57 NB TYPICAL SECTIONS
I-57 AT I-80 EMERGENCY PATCHING**

SCALE: SHEET OF SHEETS STA. TO STA.

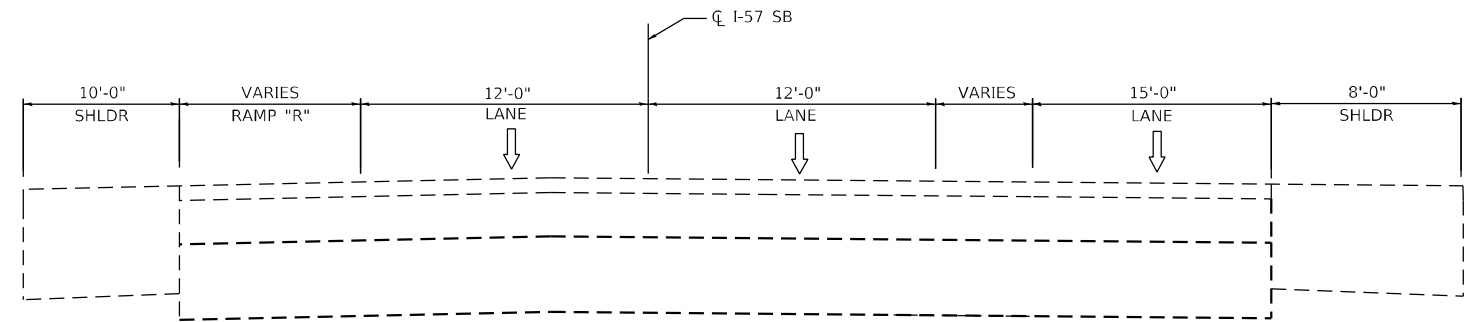
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	84
ILLINOIS			FED. AID PROJECT EU3(520)	

CONTRACT NO. 62N83



I-57 ROADWAY TYPICAL SECTION SB

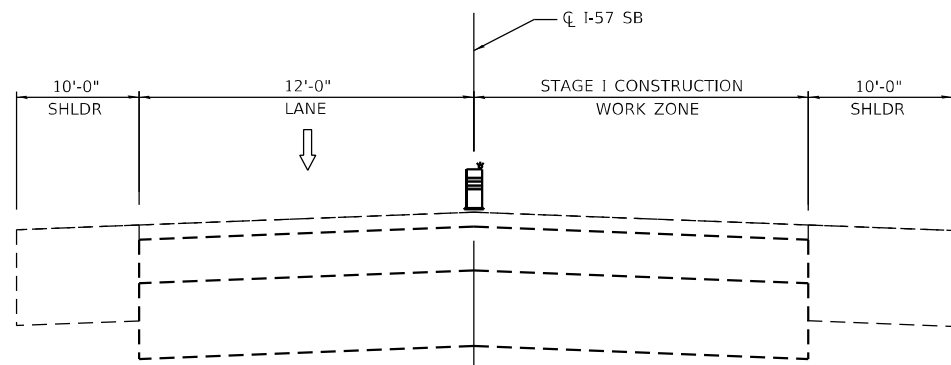
STA 376+16 TO STA 383+77



I-57 ROADWAY TYPICAL SECTION SB

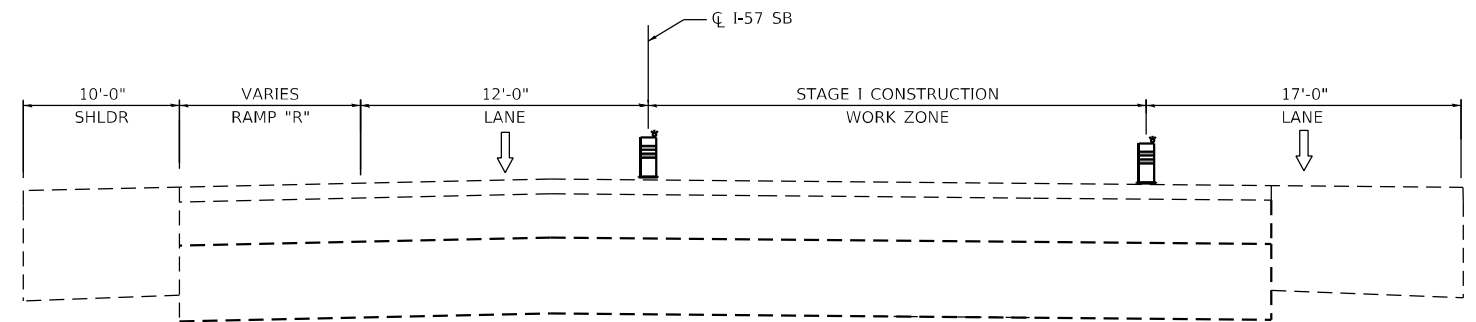
STA 369+50 TO STA 376+16

EXISTING – TYPICAL SECTIONS
(LOOKING NORTH)



I-57 ROADWAY TYPICAL SECTION SB

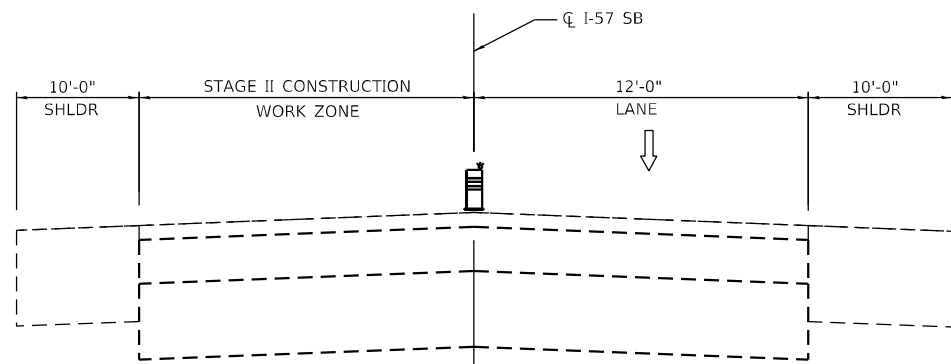
STA 376+16 TO STA 383+77



I-57 ROADWAY TYPICAL SECTION SB

STA 369+50 TO STA 376+16

STAGE I – TYPICAL SECTIONS
(LOOKING NORTH)





I-57 ROADWAY TYPICAL SECTION SB

STA 382+09 TO STA 383+77

STAGE II – TYPICAL SECTIONS
(LOOKING NORTH)

LEGEND

-  TYPE II BARRICADE OR DRUM
-  DIRECTION OF TRAFFIC

MODEL: Default
FILE: M:\work\GIS\Engineering\Live\Projects\202005\DOT DUR\WO 14 - 62N83\CADD\CADD_Sheets\Civil\152783.sht-stabaling Typ Sec SB.dgn



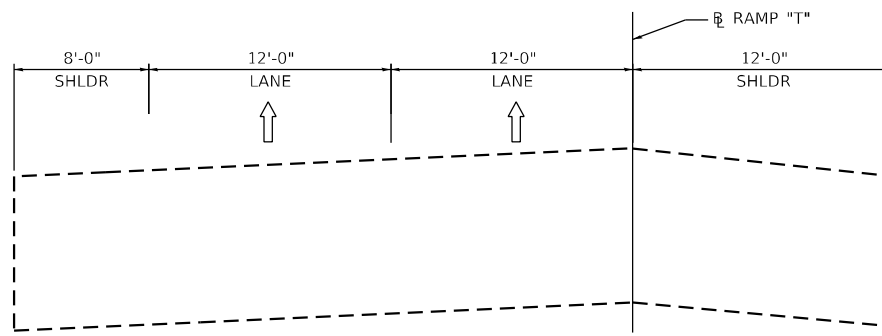
USER NAME = jschumann	DESIGNED - DH	REVISED -
	DRAWN - PV	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION
I-57 SB TYPICAL SECTIONS
I-57 AT I-80 EMERGENCY PATCHING**

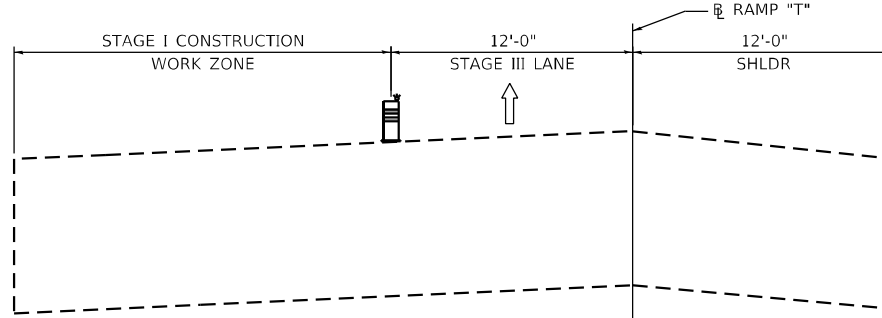
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	85
			CONTRACT NO. 62N83	
		ILLINOIS FED. AID PROJECT E03(520)		



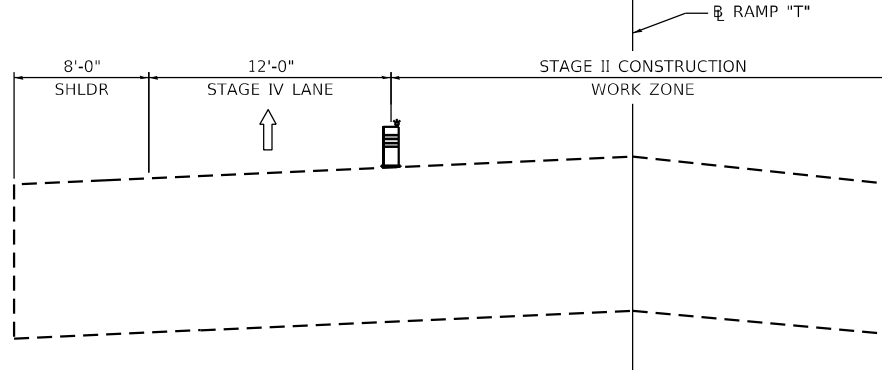
RAMP "T" EXISTING - TYPICAL SECTION

(LOOKING WEST)
STA 26+44 TO STA 34+67



RAMP "T" STAGE I - TYPICAL SECTION



(LOOKING WEST)
STA 26+44 TO STA 34+67



RAMP "T" STAGE II - TYPICAL SECTION

(LOOKING WEST)
STA 26+44 TO STA 34+67

LEGEND

-  TYPE II BARRICADE OR DRUM
-  DIRECTION OF TRAFFIC

MODEL: Default
 FILE: M:\work\GIS\Engineering\Live\Projects\200905_IDOT_DUR\WO_14_-_62N83\CADD\CADD_Sheets\Civil\ID162N83.sht-stationing_Typ_Sec_Ramp_T.dgn



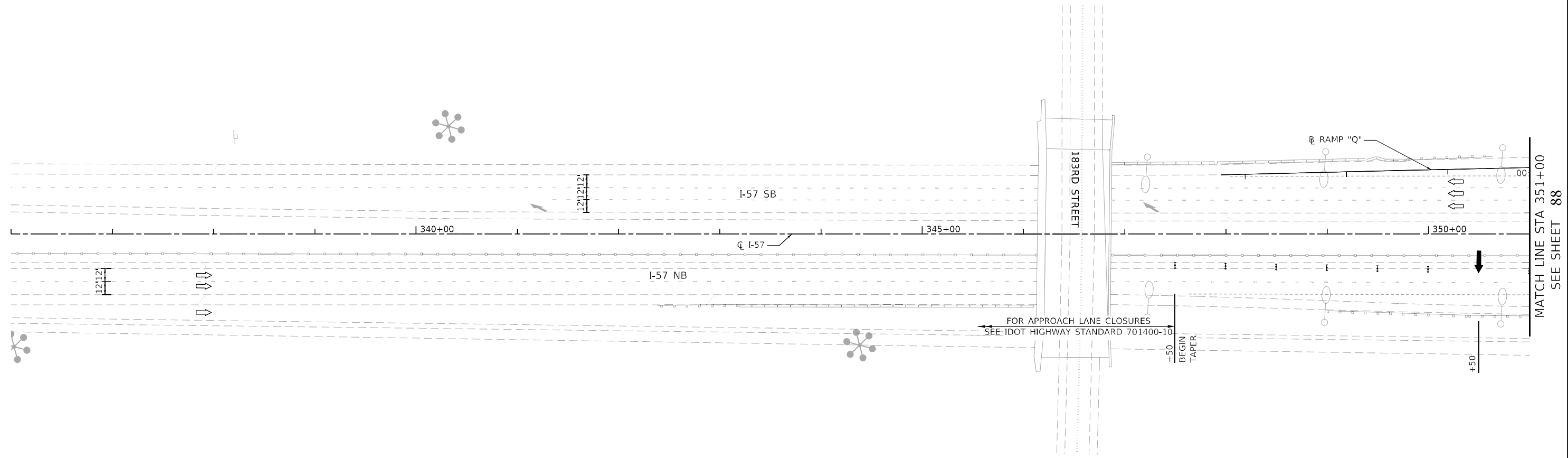
USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - PV	CHECKED - AB	REVISED -
PLOT SCALE = 40.0000' / in.	DATE - 05-13-2021	REVISED -
PLOT DATE = 5/13/2021		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION








SUGGESTED TRAFFIC CONTROL AND PROTECTION
RAMP "T" TYPICAL SECTIONS
I-57 AT I-80 EMERGENCY PATCHING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	86
CONTRACT NO. 62N83				
ILLINOIS FED. AID PROJECT EU31(520)				



LEGEND

-  WORK ZONE
-  RAMP CLOSURE
-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  DIRECTION INDICATOR BARRICADE
-  DRUMS AT 100' C-C IN TANGENTS, 50' C-C IN TAPERS AND SHIFTS, AND 10' C-C IN RADII
-  PATCHING LOCATION

MODEL: Default
 FILE: M:\work\GIS\Engineering\Live\Projects\200905_IDOT_DUR\WO_14_-_62N83\CADD\CADD_Sheets\Civil\ID162N83_sht-sta183rd-1.dgn



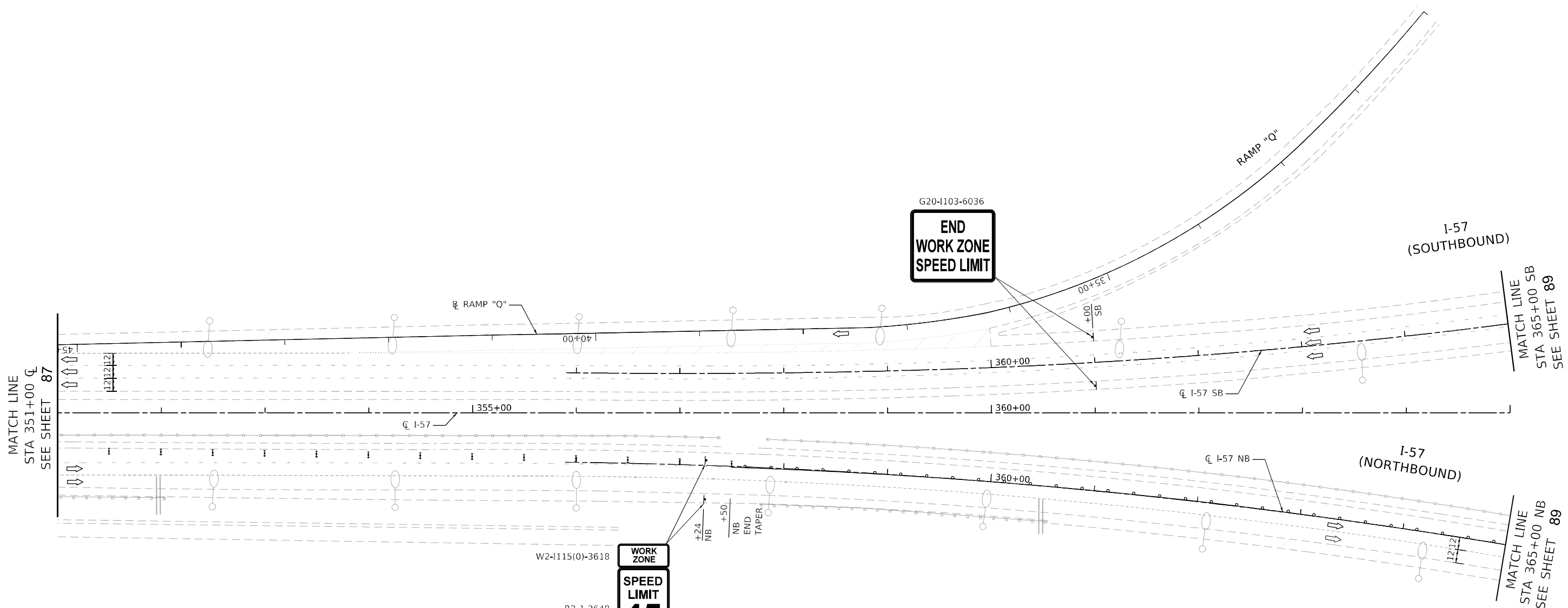
USER NAME = jschumann	DESIGNED - DH	REVISED -
	DRAWN - DGM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION
I-57 STAGE I**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	87
CONTRACT NO. 62N83			ILLINOIS FED. AID PROJECT EU31(520)	



LEGEND

- WORK ZONE
- RAMP CLOSURE
- DIRECTION OF TRAFFIC
- ARROW BOARD
- DIRECTION INDICATOR BARRICADE
- DRUMS AT 100' C-C IN TANGENTS, 50' C-C IN TAPERS AND SHIFTS, AND 10' C-C IN RADII
- PATCHING LOCATION

- W2-1115(0)-3618
- R2-1-3648
- R10-1108p-3618
- R2-1106p-3618

WORK ZONE

SPEED LIMIT

45

PHOTO ENFORCED

\$ 250 FINE MINIMUM

MODEL: Default
 FILE: M:\w\c\Engineering\Live\Projects\20095 IDOT DUBUO 14 - 62N83\CADD\CADD Sheets\Civil\162183\st-ctan1m2.dgn

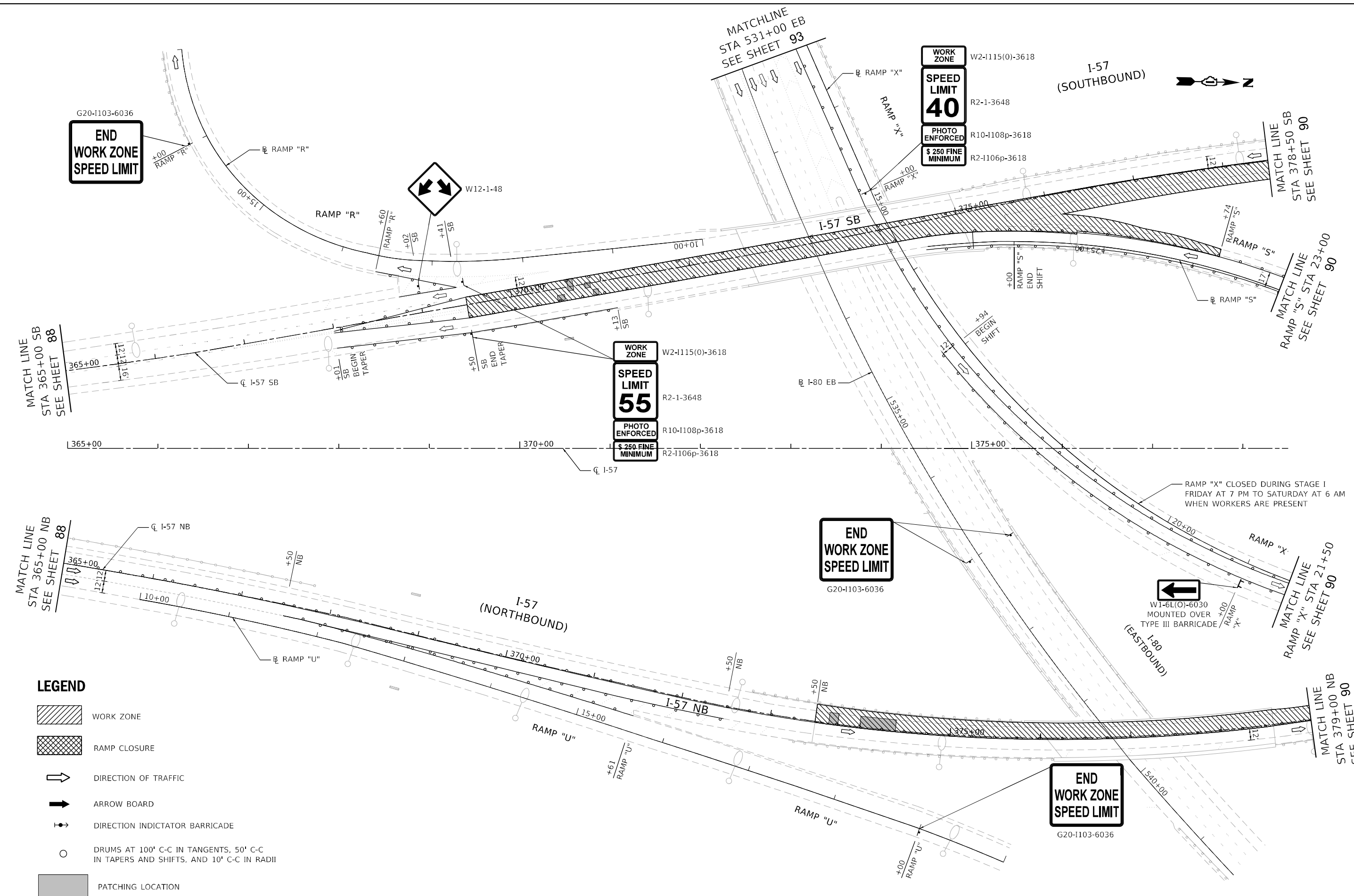


USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - DGM	REVISIONS -	
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED TRAFFIC CONTROL AND PROTECTION			
I-57 STAGE I			
I-57 AT I-80 EMERGENCY PATCHING			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	88
CONTRACT NO. 62N83				
ILLINOIS FED. AID PROJECT EU3(520)				



END WORK ZONE SPEED LIMIT



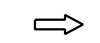
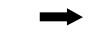
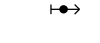


WORK ZONE
SPEED LIMIT 40
PHOTO ENFORCED
\$ 250 FINE MINIMUM

WORK ZONE
SPEED LIMIT 55
PHOTO ENFORCED
\$ 250 FINE MINIMUM

END WORK ZONE SPEED LIMIT

END WORK ZONE SPEED LIMIT

LEGEND

-  WORK ZONE
-  RAMP CLOSURE
-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  DIRECTION INDICATOR BARRICADE
-  DRUMS AT 100' C-C IN TANGENTS, 50' C-C IN TAPERS AND SHIFTS, AND 10' C-C IN RADII
-  PATCHING LOCATION

MODEL: Default
 FILE: M:\Work\GIS\Engineering\Live\Projects\202005_IDOT_DUR\WO_14_-_62N83\CADD\CADD_Sheets\Civil\ID162N83.sht-ctanimp-2.dgn










USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - DGM	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -

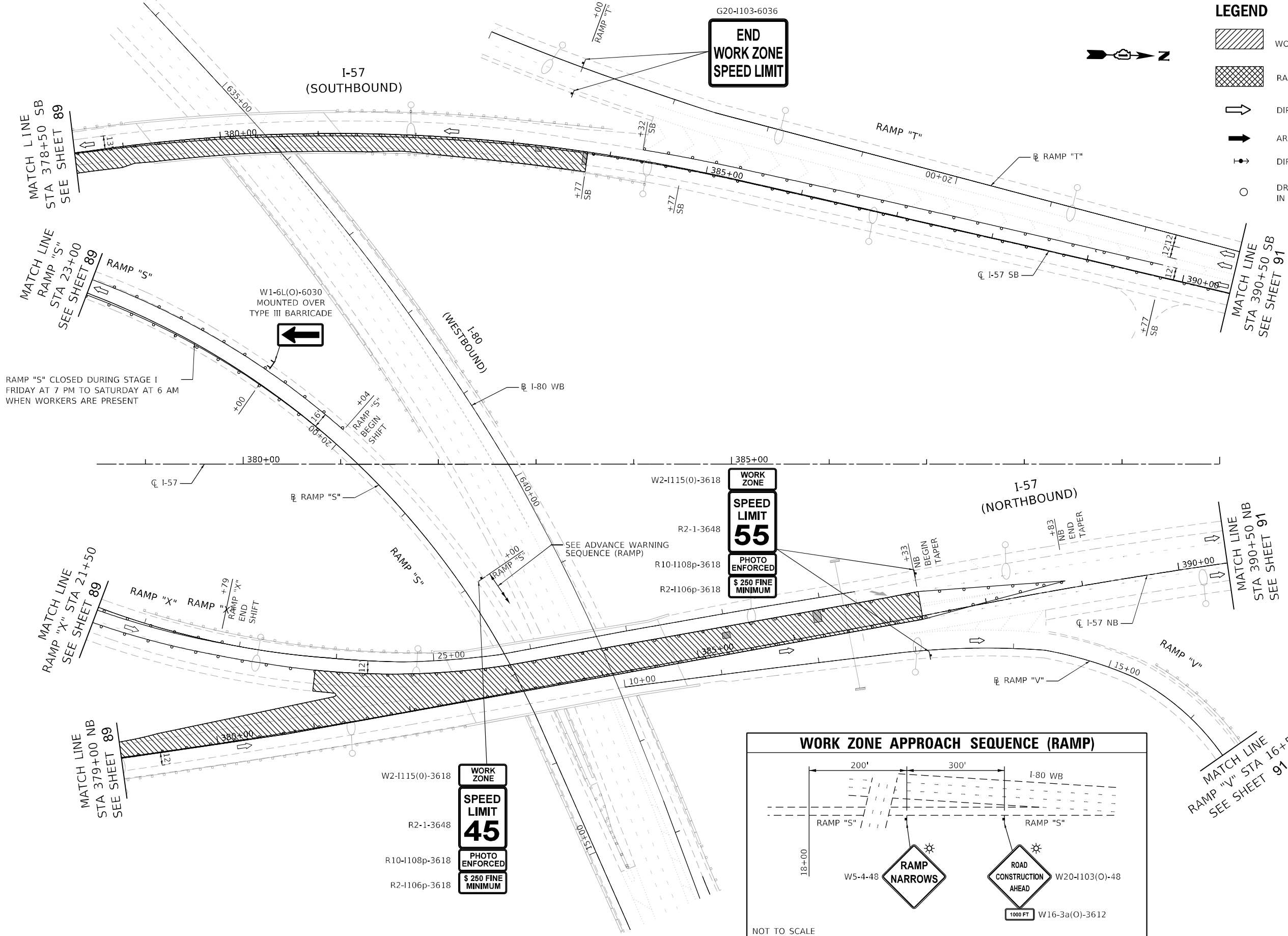
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUGGESTED TRAFFIC CONTROL AND PROTECTION			
I-57 STAGE I			
I-57 AT I-80 EMERGENCY PATCHING			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	89
CONTRACT NO. 62N83				
ILLINOIS FED. AID PROJECT E031(520)				

G20-1103-6036
**END
 WORK ZONE
 SPEED LIMIT**

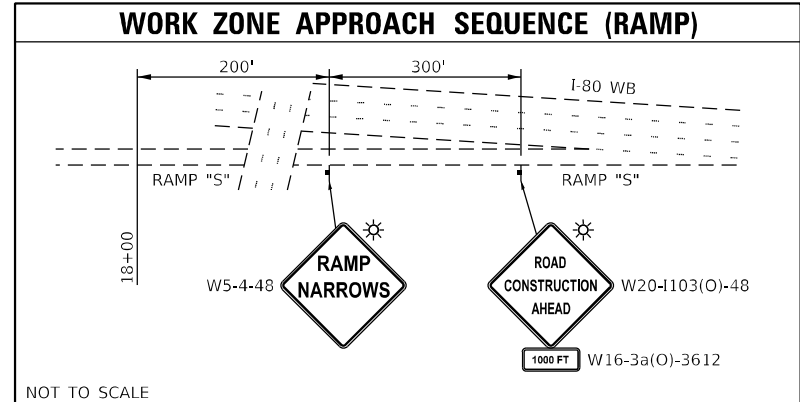
- LEGEND**
-  WORK ZONE
 -  RAMP CLOSURE
 -  DIRECTION OF TRAFFIC
 -  ARROW BOARD
 -  DIRECTION INDICATOR BARRICADE
 -  DRUMS AT 100' C-C IN TANGENTS, 50' C-C IN TAPERS AND SHIFTS, AND 10' C-C IN RADII
 -  PATCHING LOCATION



RAMP "S" CLOSED DURING STAGE I
 FRIDAY AT 7 PM TO SATURDAY AT 6 AM
 WHEN WORKERS ARE PRESENT

WORK ZONE
SPEED LIMIT 55
PHOTO ENFORCED
\$ 250 FINE MINIMUM

WORK ZONE
SPEED LIMIT 45
PHOTO ENFORCED
\$ 250 FINE MINIMUM



MODEL: Default
 FILE: M:\Work\GIS\Engineering\I-57\I-57-62188\I-57-62188-CADD-Sheets\Civil\I-57\I-57-62188-Stage I.dgn
 I:\Work\GIS\Engineering\I-57\I-57-62188\I-57-62188-CADD-Sheets\Civil\I-57\I-57-62188-Stage I.dgn



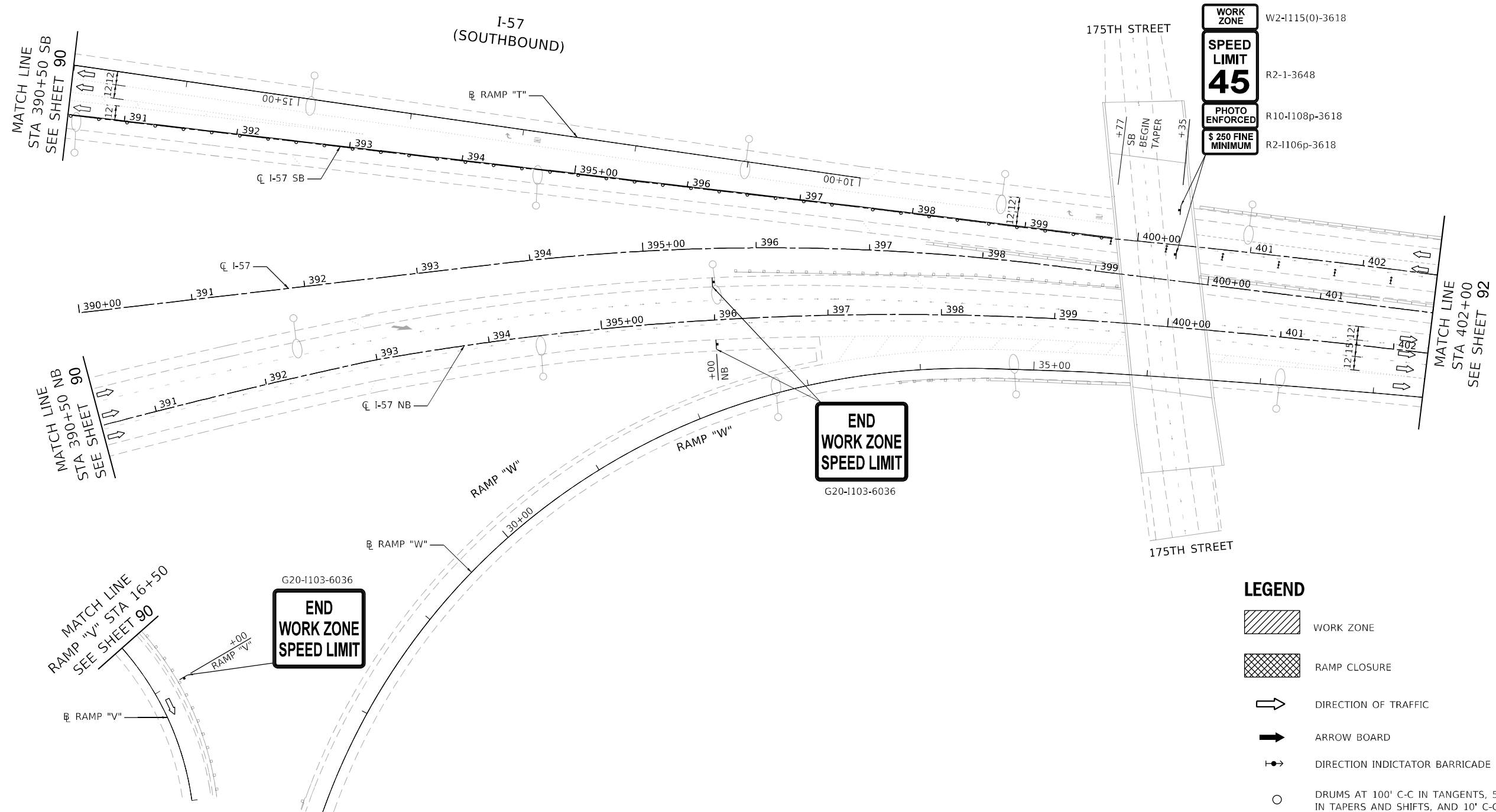
USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - DGM	REVISIONS -	
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUGGESTED TRAFFIC CONTROL AND PROTECTION
I-57 STAGE I
I-57 AT I-80 EMERGENCY PATCHING

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
--------	-------	----	--------	------	----	------

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	90
ILLINOIS FED. AID PROJECT EU31(520)			CONTRACT NO. 62N83	



WORK ZONE W2-1115(0)-3618

SPEED LIMIT 45 R2-1-3648

PHOTO ENFORCED R10-1108p-3618

\$ 250 FINE MINIMUM R2-1106p-3618

END WORK ZONE SPEED LIMIT
G20-1103-6036

END WORK ZONE SPEED LIMIT
G20-1103-6036

- LEGEND**
- WORK ZONE
 - RAMP CLOSURE
 - DIRECTION OF TRAFFIC
 - ARROW BOARD
 - DIRECTION INDICATOR BARRICADE
 - DRUMS AT 100' C-C IN TANGENTS, 50' C-C IN TAPERS AND SHIFTS, AND 10' C-C IN RADII
 - PATCHING LOCATION

MODEL: Default
 FILE: M:\work\GIS\Engineering\Live\Projects\200905_IDOT_DUR\WO_14_-_62N83\CADD\CADD_Sheets\Civil\162N83-sh-cs-sta-pp-5.dgn

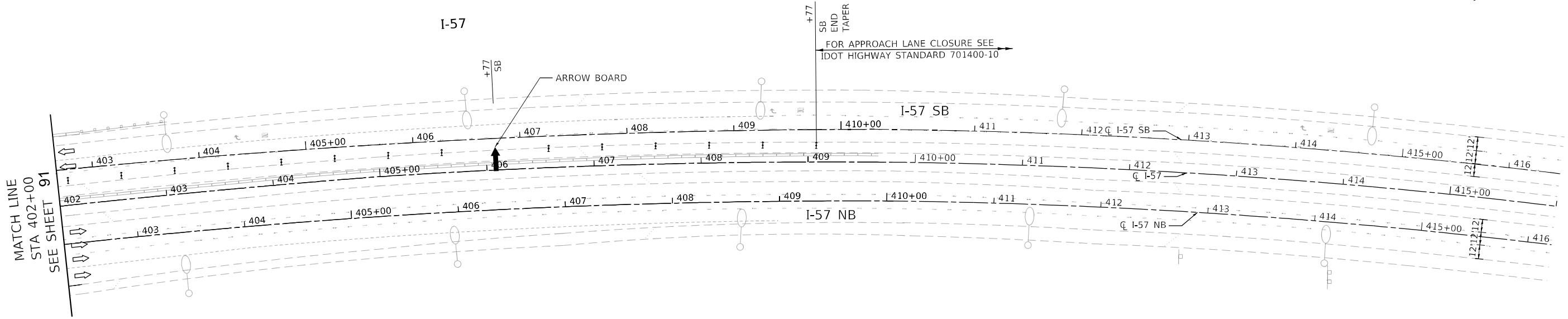


USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - DGM	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -








**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED TRAFFIC CONTROL AND PROTECTION			
I-57 STAGE I			
I-57 AT I-80 EMERGENCY PATCHING			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	91
ILLINOIS FED. AID PROJECT EU31(520)			CONTRACT NO. 62N83	



LEGEND

-  WORK ZONE
-  RAMP CLOSURE
-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  DIRECTION INDICTATOR BARRICADE
-  DRUMS AT 100' C-C IN TANGENTS, 50' C-C IN TAPERS AND SHIFTS, AND 10' C-C IN RADII
-  PATCHING LOCATION

MODEL: Default
 FILE: M:\w\c\Engineering\Live\Projects\20095 - IDOT DUR/WO 14 - 62N83\CADD\CADD_Sheets\Civil\ID162N83\stc-stan\mp-6.dgn

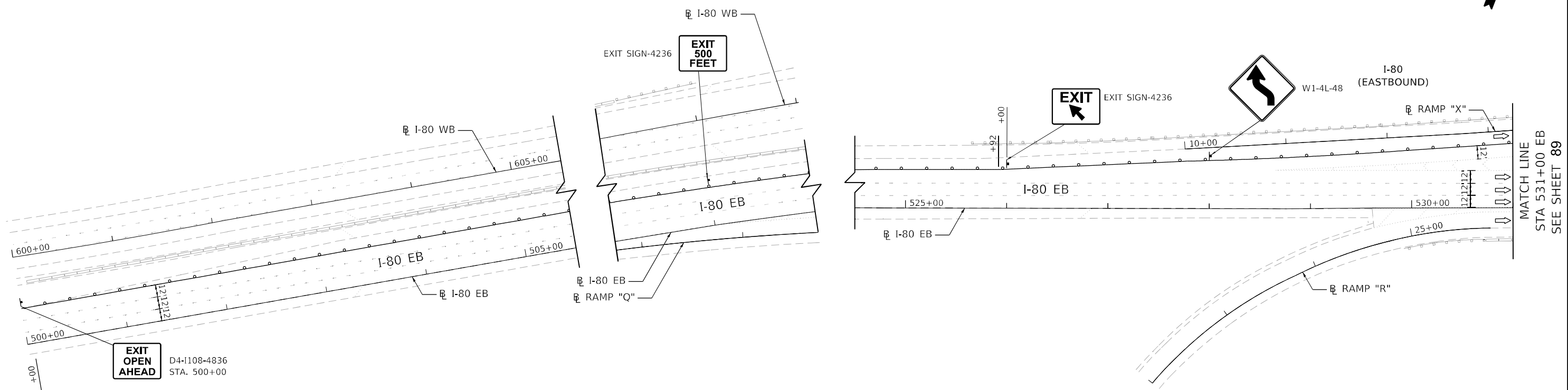


USER NAME	= jschumann
DESIGNED	- DH
DRAWN	- DGM
CHECKED	- AB
DATE	- 05-13-2021
REVISD	-
REVISD	-
REVISD	-
REVISD	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION








SUGGESTED TRAFFIC CONTROL AND PROTECTION I-57 STAGE I I-57 AT I-80 EMERGENCY PATCHING			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	92
			CONTRACT NO. 62N83	
		ILLINOIS FED. AID PROJECT E031(520)		



FOR APPROACH LANE CLOSURE SEE IDOT HIGHWAY STANDARD 701400-10

LEGEND

-  WORK ZONE
-  RAMP CLOSURE
-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  DIRECTION INDICATOR BARRICADE
-  DRUMS AT 100' C-C IN TANGENTS, 50' C-C IN TAPERS AND SHIFTS, AND 10' C-C IN RADII
-  PATCHING LOCATION

MODEL: Default
 FILE: M:\work\GIS\Engineering\Live\Projects\202005 IDOT DUR\WO 14 - 62N83\CADD\CADD Sheets\Civil\ID162183\st-ct-stationing-7.dgn



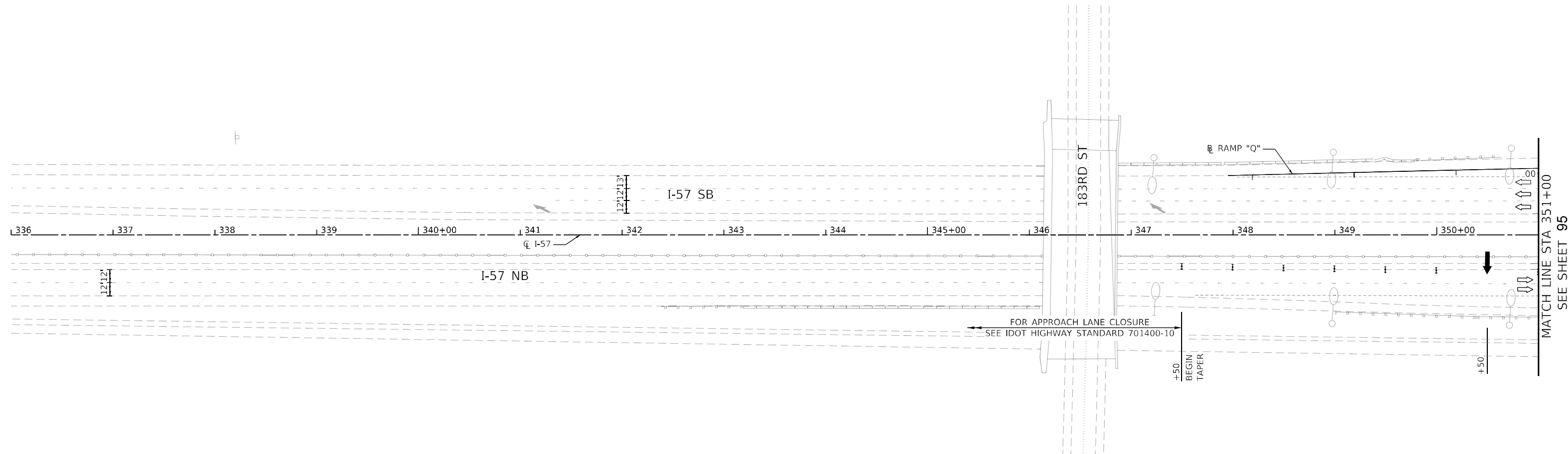
USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - DGM	REVISIONS -	
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**








SUGGESTED TRAFFIC CONTROL AND PROTECTION			
I-57 STAGE I			
I-57 AT I-80 EMERGENCY PATCHING			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	93
ILLINOIS FED. AID PROJECT EU31(520)			CONTRACT NO. 62N83	

MATCH LINE
 STA 531+00 EB
 SEE SHEET 89



LEGEND

-  WORK ZONE
-  RAMP CLOSURE
-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  DIRECTION INDICATOR BARRICADE
-  DRUMS AT 100' C-C IN TANGENTS, 50' C-C IN TAPERS AND SHIFTS, AND 10' C-C IN RADII
-  PATCHING LOCATION

MODEL: Default
 FILE: M:\work\GIS\Engineering\Live\Projects\200905_IDOT_DUR\WO_14 - 62N83\CADD\CADD_Sheets\Civil\ID162N83_sht-stationing-8.dgn

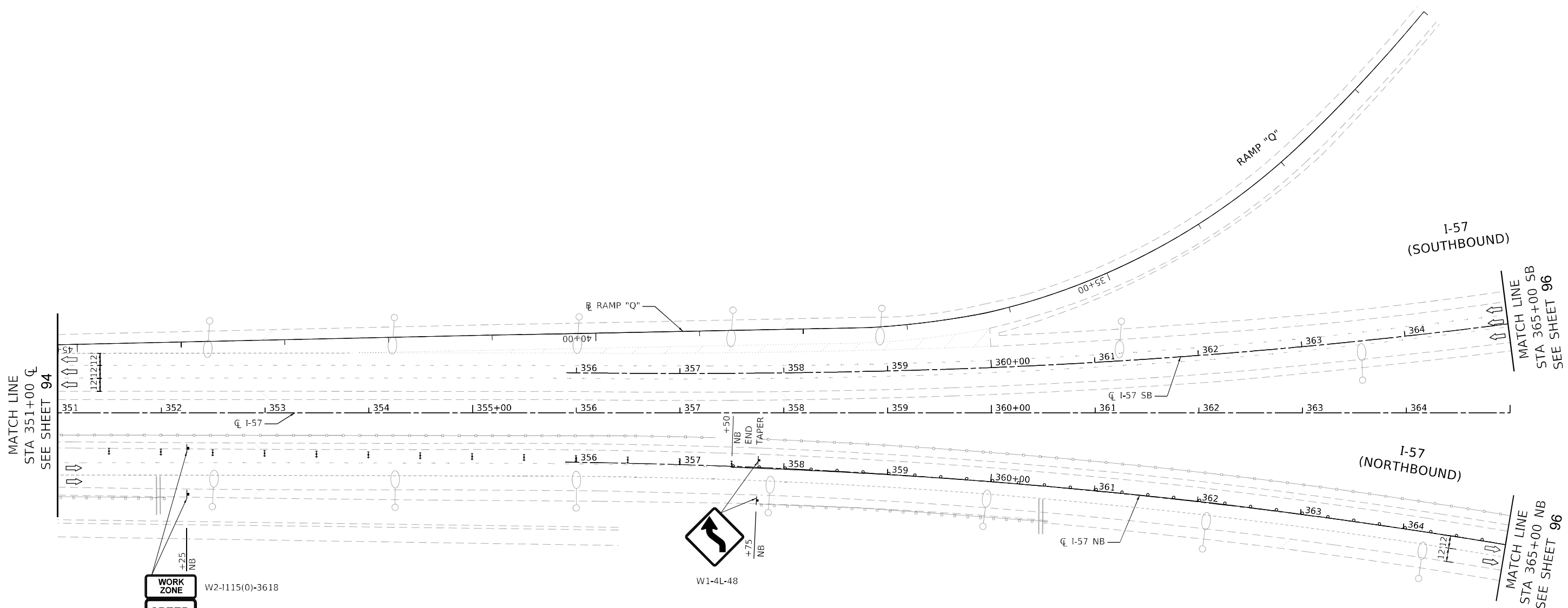


USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - DGM	REVISIONS -	
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -








STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED TRAFFIC CONTROL AND PROTECTION			
I-57 STAGE II			
I-57 AT I-80 EMERGENCY PATCHING			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	94
ILLINOIS FED. AID PROJECT EU31(520)			CONTRACT NO. 62N83	



LEGEND

-  WORK ZONE
-  RAMP CLOSURE
-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  DIRECTION INDICTATOR BARRICADE
-  DRUMS AT 100' C-C IN TANGENTS, 50' C-C IN TAPERS AND SHIFTS, AND 10' C-C IN RADII
-  PATCHING LOCATION

WORK ZONE W2-1115(0)-3618
SPEED LIMIT 45 R2-1-3648
PHOTO ENFORCED R10-1108p-3618
\$ 250 FINE MINIMUM R2-1106p-3618

MODEL: Default
 FILE: M:\work\GIS\Engineering\Live\Projects\200905_IDOT_DUR\WO_14_-_62N83\CADD\CADD_Sheets\Civil\ID162783\shc-sta11p-8.dgn

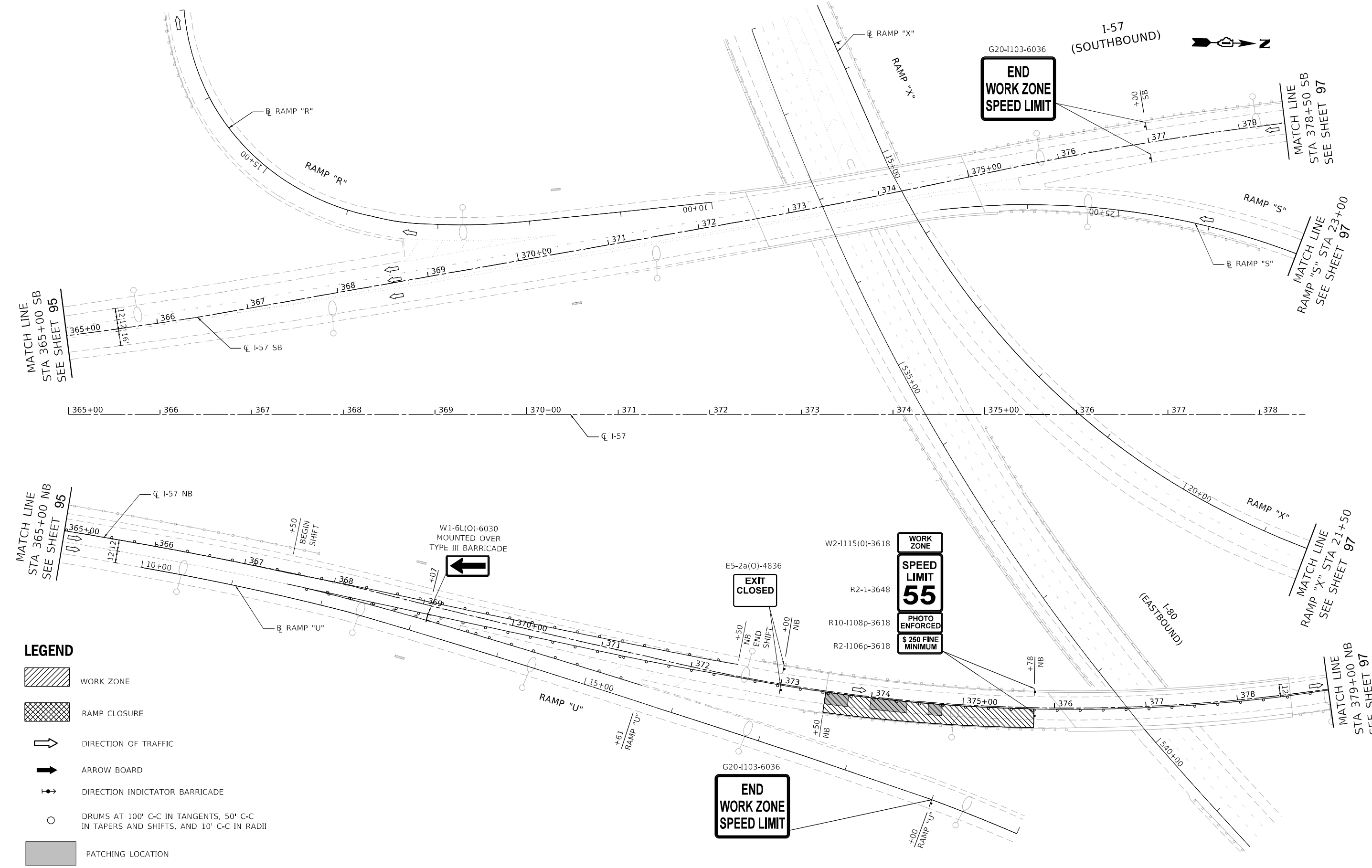









USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - DGM	CHECKED - AB	REVISED -
PLOT SCALE = 100.0000' / in.	DATE - 05-13-2021	REVISED -
PLOT DATE = 5/13/2021		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED TRAFFIC CONTROL AND PROTECTION			
I-57 STAGE II			
I-57 AT I-80 EMERGENCY PATCHING			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	95
ILLINOIS FED. AID PROJECT E3J(520)			CONTRACT NO. 62N83	



- LEGEND**
-  WORK ZONE
 -  RAMP CLOSURE
 -  DIRECTION OF TRAFFIC
 -  ARROW BOARD
 -  DIRECTION INDICATOR BARRICADE
 -  DRUMS AT 100' C-C IN TANGENTS, 50' C-C IN TAPERS AND SHIFTS, AND 10' C-C IN RADII
 -  PATCHING LOCATION

USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - DGM	REVISED -	
CHECKED - AB	REVISED -	
DATE - 05-13-2021	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**





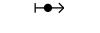


**SUGGESTED TRAFFIC CONTROL AND PROTECTION
I-57 STAGE II
I-57 AT I-80 EMERGENCY PATCHING**

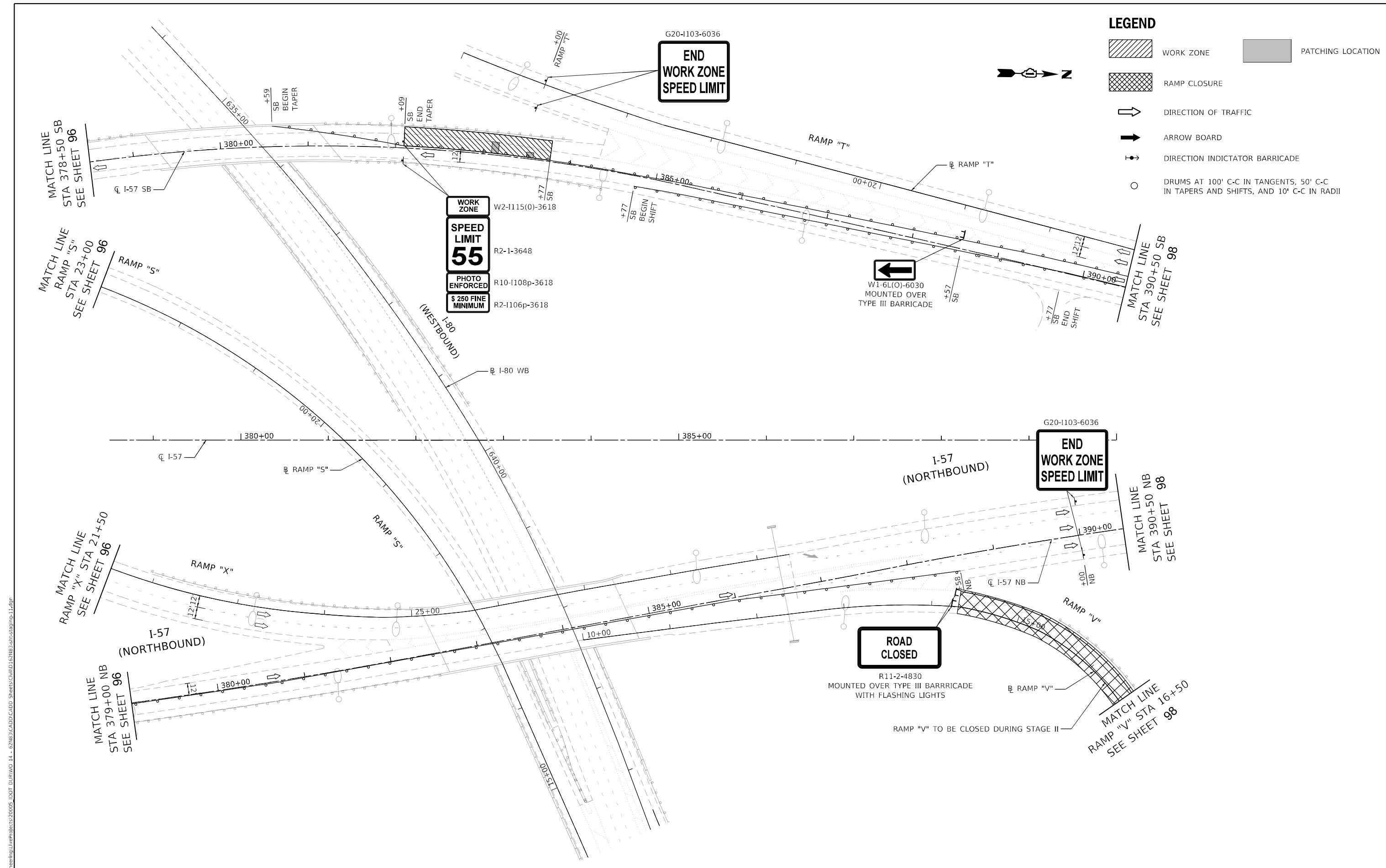
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	96
CONTRACT NO. 62N83				
ILLINOIS FED. AID PROJECT E031(520)				

MODEL: Default
 FILE: M:\Work\GIS\Engineering\I-57\I-57 Stage II\I-57 Stage II.sht
 SHEETS: C:\ADD\CADD_Sheets\Civil\I-57\I-57 Stage II.sht
 DATE: 5/13/2021



LEGEND

-  WORK ZONE
-  RAMP CLOSURE
-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  DIRECTION INDICATOR BARRICADE
-  DRUMS AT 100' C-C IN TANGENTS, 50' C-C IN TAPERS AND SHIFTS, AND 10' C-C IN RADII
-  PATCHING LOCATION



MODEL: Default
 FILE: M:\E:\CADD\Engineering\Live\Projects\20095\DOT\DWG\14 - 62N83\CADD\CADD_Sheets\Civil\152783-sh-cs-staging-11.dwg

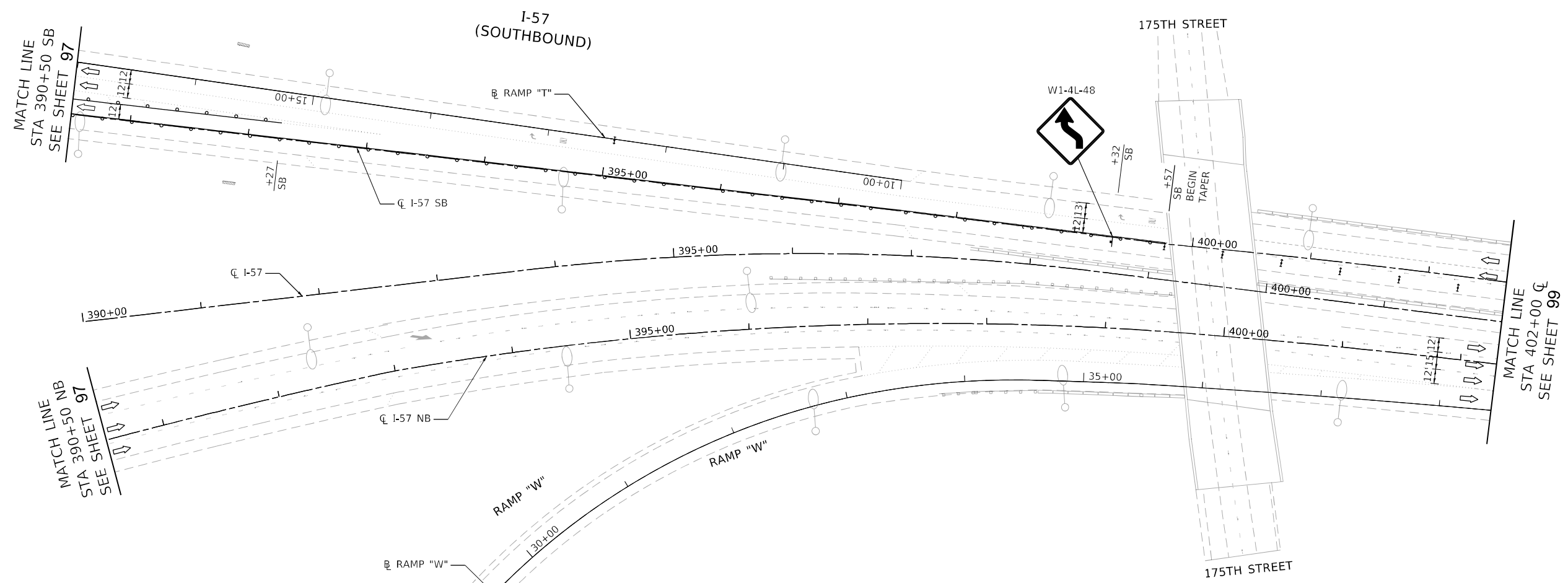


USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - DGM	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -








**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

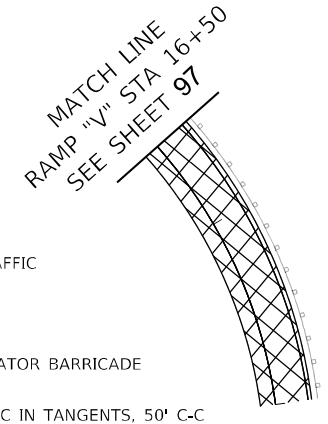
SUGGESTED TRAFFIC CONTROL AND PROTECTION			
I-57 STAGE II			
I-57 AT I-80 EMERGENCY PATCHING			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	97
CONTRACT NO. 62N83				
ILLINOIS FED. AID PROJECT EU31(520)				



LEGEND

-  WORK ZONE
-  RAMP CLOSURE
-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  DIRECTION INDICATOR BARRICADE
-  DRUMS AT 100' C-C IN TANGENTS, 50' C-C IN TAPERS AND SHIFTS, AND 10' C-C IN RADII
-  PATCHING LOCATION



MODEL: Default
 FILE: M:\work\GIS\Engineering\Live\Projects\200905_IDOT_DUR\WO_14_-_62N83\CADD\CADD_Sheets\Civil\162N83\stc-sta16p-12.dgn



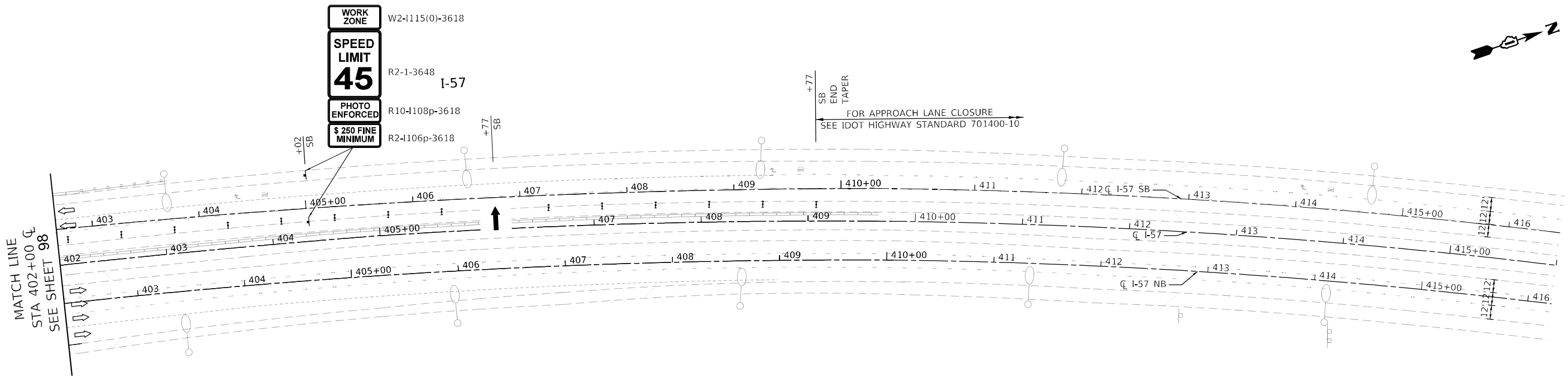
USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - DGM	REVISIONS -	
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED TRAFFIC CONTROL AND PROTECTION			
I-57 STAGE II			
I-57 AT I-80 EMERGENCY PATCHING			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	98
ILLINOIS FED. AID PROJECT EU31(520)			CONTRACT NO. 62N83	

MODEL: Default
 FILE: M:\work\GIS\Engineering\Live\Projects\200905_IDOT_DUR\WO_14_-_62N83\CADD\CADD_Sheets\Civil\ID162N83_sht-sta\stapn-13.dgn



LEGEND

- WORK ZONE
- RAMP CLOSURE
- DIRECTION OF TRAFFIC
- ARROW BOARD
- DIRECTION INDICATOR BARRICADE
- DRUMS AT 100' C-C IN TANGENTS, 50' C-C IN TAPERS AND SHIFTS, AND 10' C-C IN RADII
- PATCHING LOCATION



USER NAME = jschumann	DESIGNED - DH	REVISED -
	DRAWN - DGM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**








SUGGESTED TRAFFIC CONTROL AND PROTECTION			
I-57 STAGE II			
I-57 AT I-80 EMERGENCY PATCHING			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	99
CONTRACT NO. 62N83				
ILLINOIS FED. AID PROJECT EU31(520)				

MATCHLINE STA 633+82
I-80 WB SEE SHEET 106

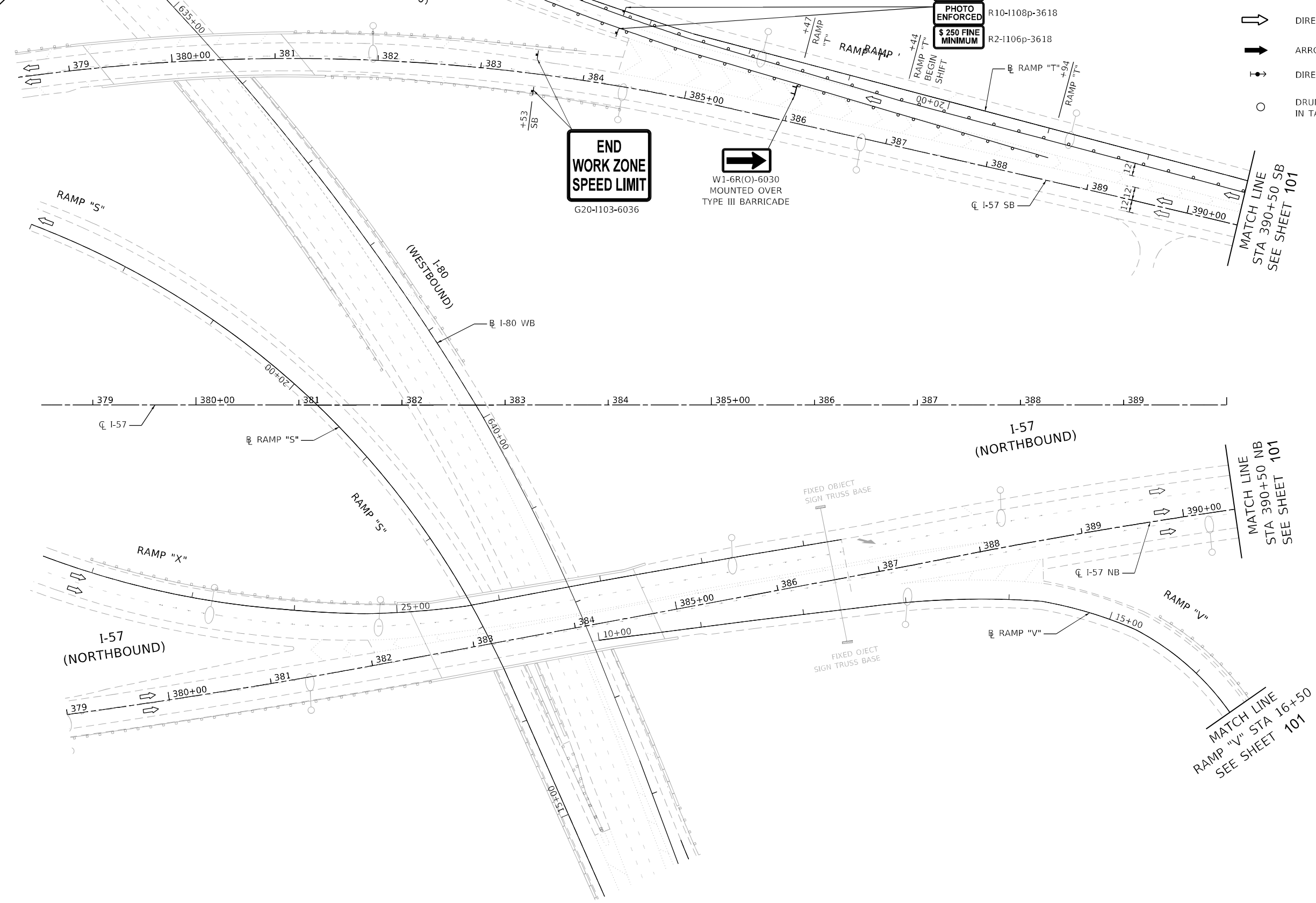
MATCHLINE
STA 25+00
RAMP "T"
SEE SHEET 106

WORK ZONE
W2-I115(0)-3618
R2-1-3648
R10-I108p-3618
R2-I106p-3618

- LEGEND**
-  WORK ZONE
 -  RAMP CLOSURE
 -  DIRECTION OF TRAFFIC
 -  ARROW BOARD
 -  DIRECTION INDICATOR BARRICADE
 -  DRUMS AT 100' C-C IN TANGENTS, 50' C-C IN TAPERS AND SHIFTS, AND 10' C-C IN RADII
 -  PATCHING LOCATION

**END
WORK ZONE
SPEED LIMIT**
G20-I103-6036


W1-6R(O)-6030
MOUNTED OVER
TYPE III BARRICADE



MATCH LINE
STA 390+50 SB
SEE SHEET 101

MATCH LINE
STA 390+50 NB
SEE SHEET 101

MATCH LINE
RAMP "V" STA 16+50
SEE SHEET 101

MODEL: Default
 FILE: M:\work\GIS\Engineering\Live\Projects\200905_IDOT_DUR\WO_14_-_62N83\CADD\CADD_Sheets\Civil\162N83\stc-staging-14.dgn



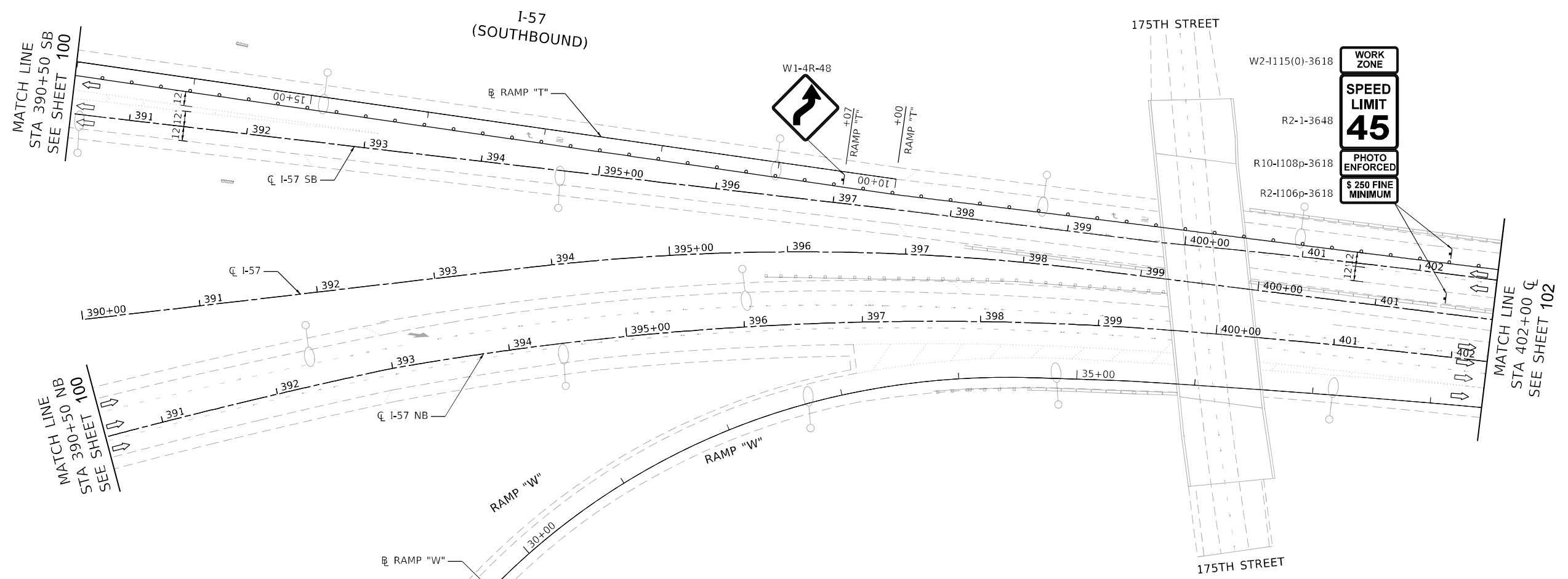
USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - DGM	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION
RAMP "T" STAGE I
I-57 AT I-80 EMERGENCY PATCHING**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
--------	-------	----	--------	------	----	------

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	100
ILLINOIS FED. AID PROJECT E03(520)			CONTRACT NO. 62N83	










WORK ZONE

SPEED LIMIT **45**

PHOTO ENFORCED

\$ 250 FINE MINIMUM

LEGEND

-  WORK ZONE
-  RAMP CLOSURE
-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  DIRECTION INDICATOR BARRICADE
-  DRUMS AT 100' C-C IN TANGENTS, 50' C-C IN TAPERS AND SHIFTS, AND 10' C-C IN RADII
-  PATCHING LOCATION

MATCH LINE
RAMP "V" STA 16+50
SEE SHEET 100

MATCH LINE
STA 402+00
SEE SHEET 102

MODEL: Default
 FILE: M:\Work\GIS\Engineering\Live\Projects\200905_IDOT_DUR\WO_14_-_62N83\CADD\CADD_Sheets\Civil\162N83-sh-ctanimp-15.dgn



USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - DGM	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -

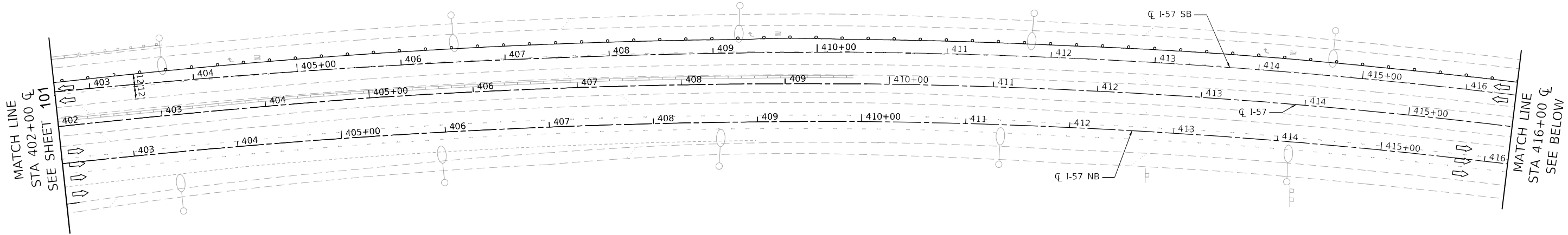
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED TRAFFIC CONTROL AND PROTECTION			
RAMP "T" STAGE I			
I-57 AT I-80 EMERGENCY PATCHING			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	101
ILLINOIS FED. AID PROJECT EU31(520)			CONTRACT NO. 62N83	



I-57



W2-1115(0)-3618

R2-1-3648

R10-1108p-3618

R2-1106p-3618

WORK ZONE

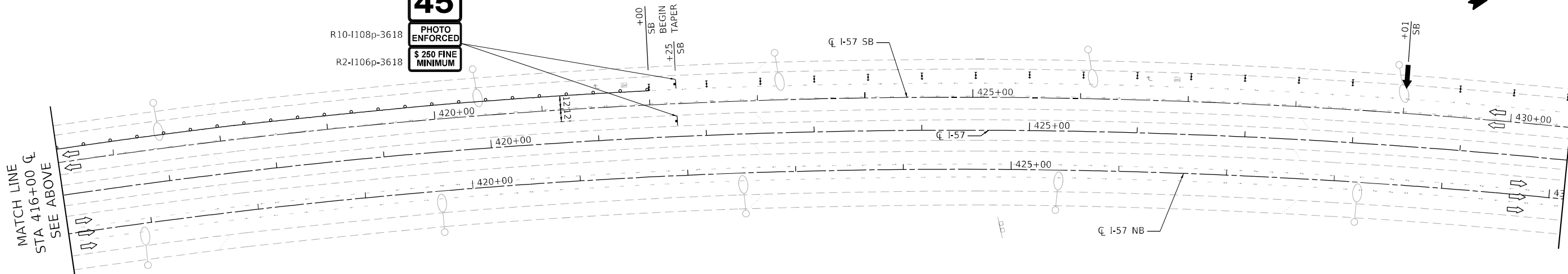
SPEED LIMIT 45

PHOTO ENFORCED

\$ 250 FINE MINIMUM

+00 SB BEGIN TAPER
+25 SB

+01 SB



LEGEND

- WORK ZONE
- RAMP CLOSURE
- DIRECTION OF TRAFFIC
- ARROW BOARD
- DIRECTION INDICATOR BARRICADE
- DRUMS AT 100' C-C IN TANGENTS, 50' C-C IN TAPERS AND SHIFTS, AND 10' C-C IN RADII
- PATCHING LOCATION

MODEL: Default
FILE: M:\work\GIS\Engineering\Live\Projects\200905_IDOT_DUR\WO_14_-_62N83\CADD\CADD_Sheets\Civil\152783-shc-staging-16.dgn



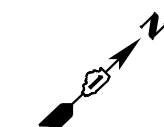
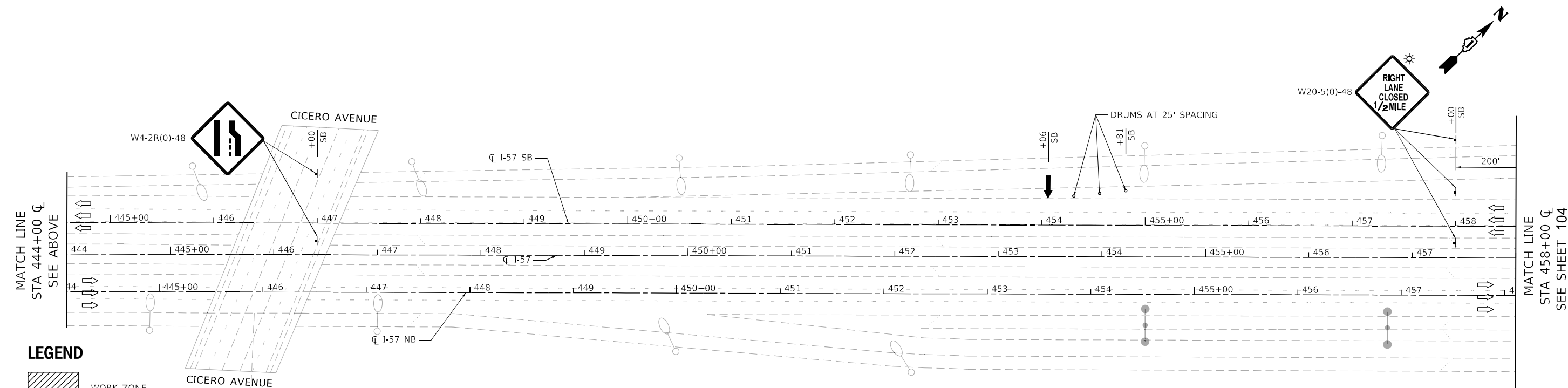
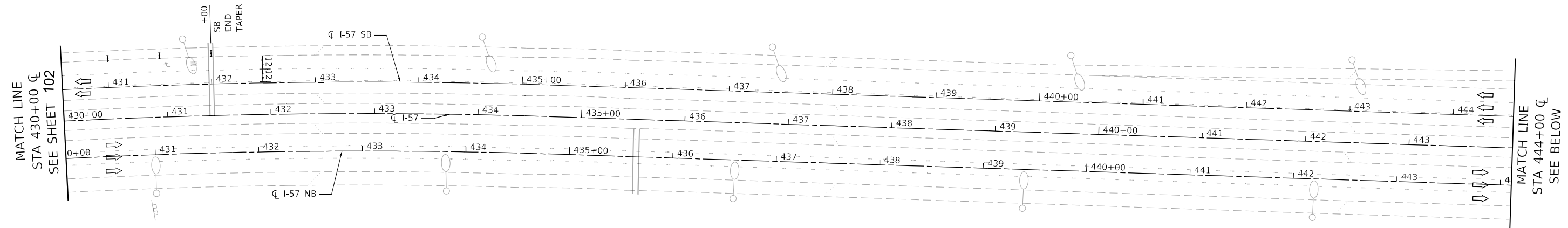
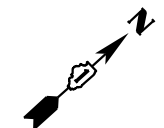
USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - DGM	REVISOR -	
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION
RAMP "T" STAGE I & STAGE II
I-57 AT I-80 EMERGENCY PATCHING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	102
CONTRACT NO. 62N83				
ILLINOIS FED. AID PROJECT E031(520)				



LEGEND

- WORK ZONE
- RAMP CLOSURE
- DIRECTION OF TRAFFIC
- ARROW BOARD
- DIRECTION INDICTATOR BARRICADE
- DRUMS AT 100' C-C IN TANGENTS, 50' C-C IN TAPERS AND SHIFTS, AND 10' C-C IN RADII
- PATCHING LOCATION

MODEL: Default
 FILE: M:\Work\GIS\Engineering\I-57\I-57-2020-05-13-2021\DOT-DUR\WO-14-62N83\CADD\CADD_Sheets\Civil\I-57\I-57-Stage I & II.dgn



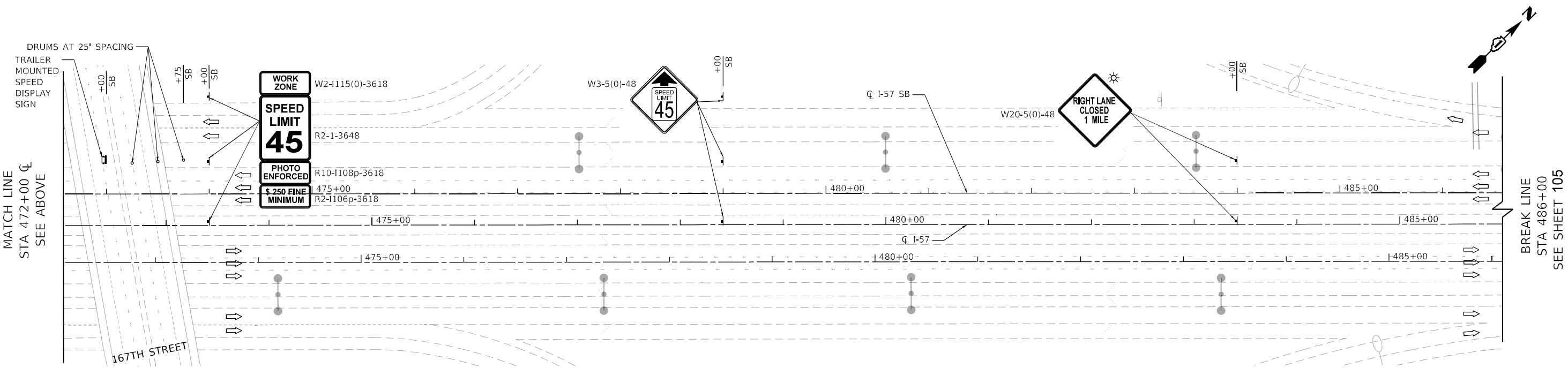
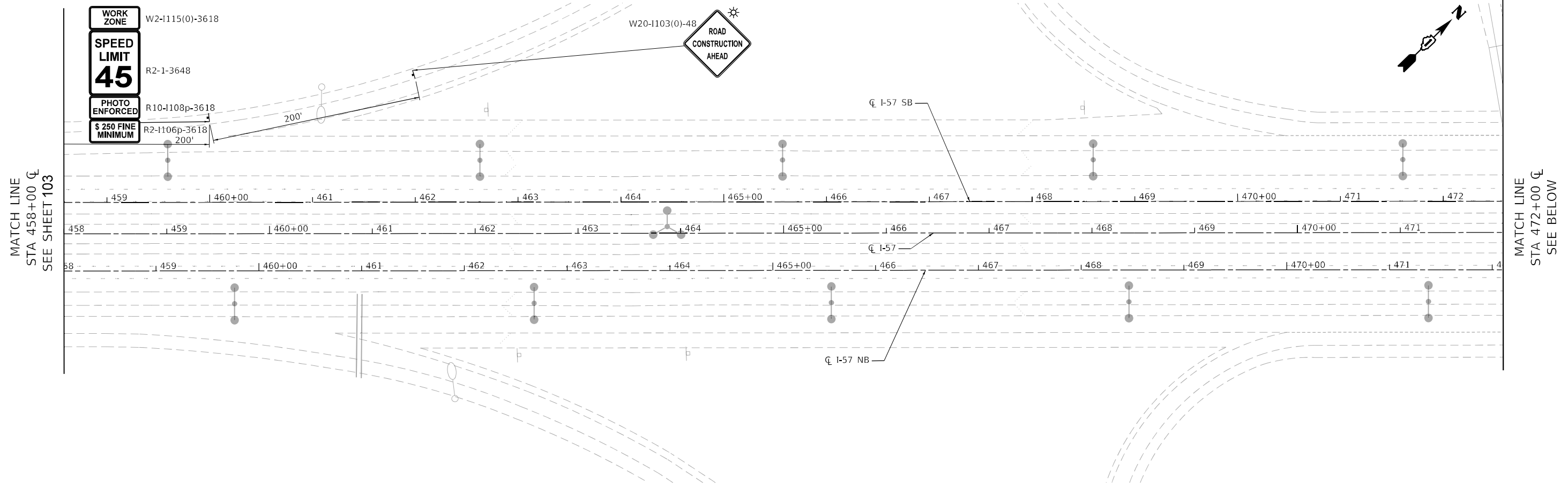
USER NAME = jschumann	DESIGNED - DH	REVISED -
	DRAWN - DGM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION
RAMP "T" STAGE I & STAGE II
I-57 AT I-80 EMERGENCY PATCHING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	103
ILLINOIS FED. AID PROJECT E03(1520)			CONTRACT NO. 62N83	



LEGEND

	WORK ZONE		DIRECTION OF TRAFFIC		DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	RAMP CLOSURE		ARROW BOARD		

MODEL: Default
 FILE: M:\Work\GIS\Engineering\I-80\I-57\I-80_Emergency_Patching\I-57\I-80_Emergency_Patching_S202005_10.DOT_DWG\WO_14_62N83\CADD\CADD_Sheets\Civil\I-57\I-80_Emergency_Patching_S202005_10.dgn



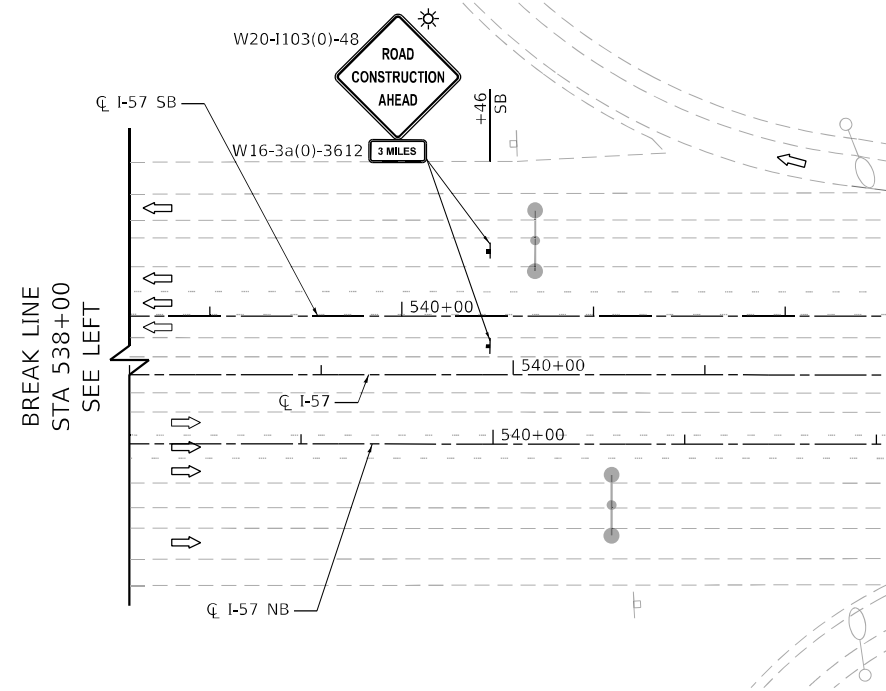
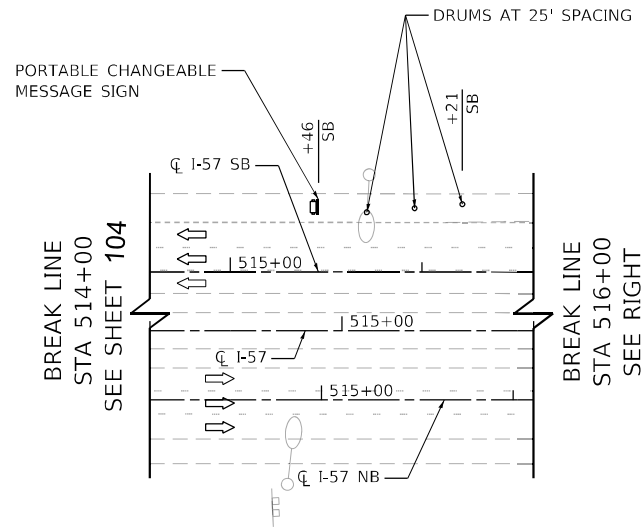
USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - DGM	REVISIONS -	
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED TRAFFIC CONTROL AND PROTECTION
RAMP "T" STAGE I & STAGE II
I-57 AT I-80 EMERGENCY PATCHING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	104
CONTRACT NO. 62N83				
ILLINOIS FED. AID PROJECT E03(520)				



LEGEND

- WORK ZONE
- RAMP CLOSURE
- DIRECTION OF TRAFFIC
- ARROW BOARD
- DIRECTION INDICTATOR BARRICADE
- DRUMS AT 100' C-C IN TANGENTS, 50' C-C IN TAPERS AND SHIFTS, AND 10' C-C IN RADII
- PATCHING LOCATION

MODEL: Default
 FILE: M:\Work\GIS\Engineering\Live\Projects\200905_IDOT_DUR\WO_14_-_62N83\CADD\CADD_Sheets\Civil\ID162N83\stc-sta104-19.dgn



USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - DGM	CHECKED - AB	REVISED -
PLOT SCALE = 100.0000' / in.	DATE - 05-13-2021	REVISED -
PLOT DATE = 5/13/2021		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION
RAMP "T" STAGE I & STAGE II
I-57 AT I-80 EMERGENCY PATCHING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	105
CONTRACT NO. 62N83			ILLINOIS FED. AID PROJECT EU3(520)	

END WORK ZONE SPEED LIMIT

G20-I103-6036

WORK ZONE W2-I115(0)-3618
SPEED LIMIT 55 R2-1-3648
PHOTO ENFORCED R10-I108p-3618
\$ 250 FINE MINIMUM R2-I106p-3618



LEGEND

- WORK ZONE
- RAMP CLOSURE
- DIRECTION OF TRAFFIC
- ARROW BOARD
- DIRECTION INDICATOR BARRICADE
- DRUMS AT 100' C-C IN TANGENTS, 50' C-C IN TAPERS AND SHIFTS, AND 10' C-C IN RADII
- PATCHING LOCATION

I-80
(WESTBOUND)

RAMP "T"

I-80 WB

RAMP "T"

MATCH LINE
STA 633+82
I-80 WB
SEE SHEET 100

MATCH LINE
STA 25+00
RAMP "T"
SEE SHEET 100

MODEL: Default
 FILE: M:\Work\GIS\Engineering\Live\Projects\202005_IDOT_DUR\WO_14_-_62N83\CADD\CADD_Sheets\Civil\I103\6036\sh-ct-sta106-20.dgn



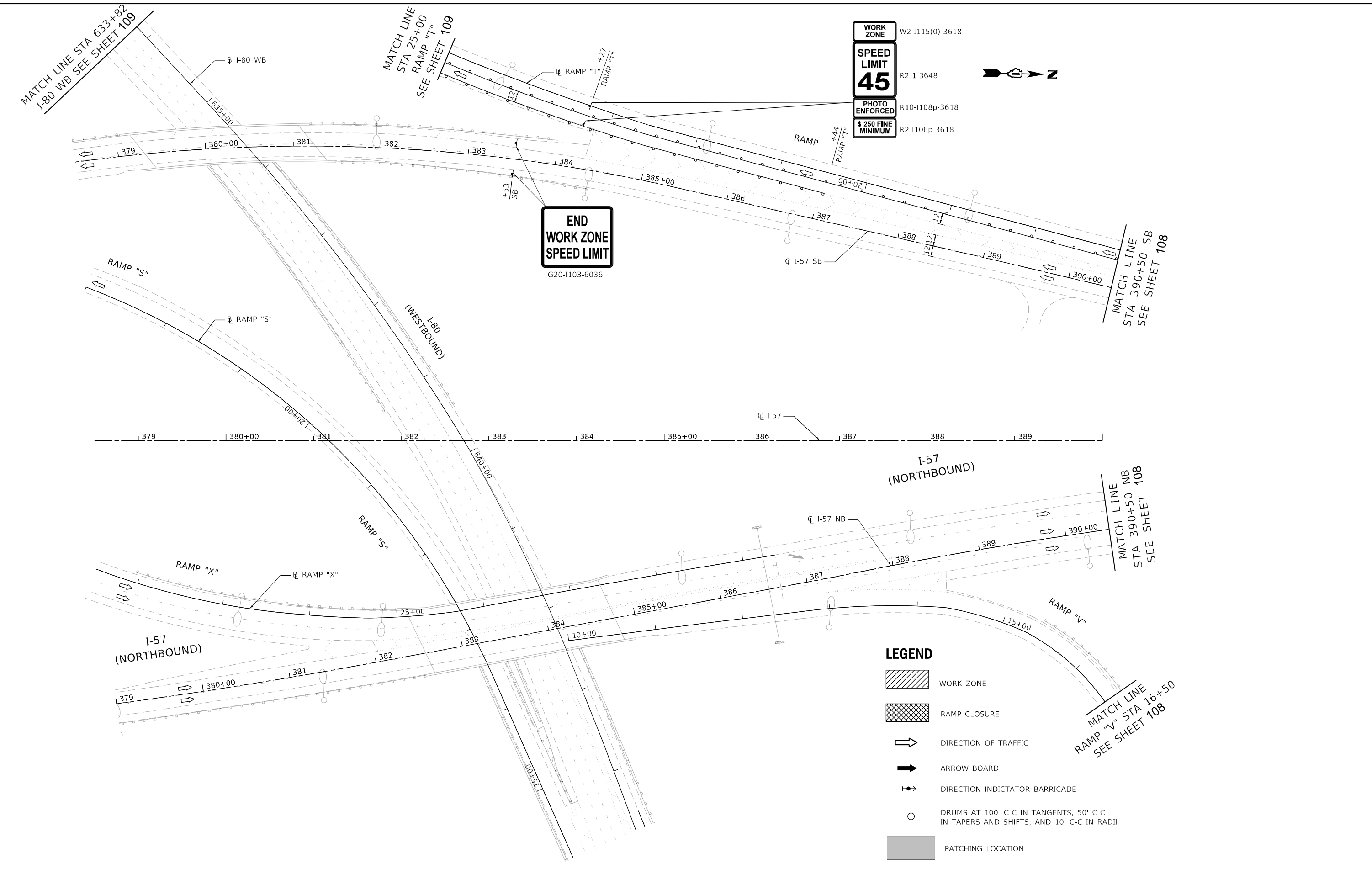
USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - DGM	REVISIONS -	
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION
RAMP "T" STAGE I
I-57 AT I-80 EMERGENCY PATCHING**








SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	106
CONTRACT NO. 62N83			ILLINOIS FED. AID PROJECT EU31(520)	



WORK ZONE
W2-I115(0)-3618
SPEED LIMIT
45
R2-1-3648
PHOTO ENFORCED
R10-I108p-3618
\$ 250 FINE MINIMUM
R2-I106p-3618

END WORK ZONE SPEED LIMIT
G20-I103-6036

- LEGEND**
-  WORK ZONE
 -  RAMP CLOSURE
 -  DIRECTION OF TRAFFIC
 -  ARROW BOARD
 -  DIRECTION INDICATOR BARRICADE
 -  DRUMS AT 100' C-C IN TANGENTS, 50' C-C IN TAPERS AND SHIFTS, AND 10' C-C IN RADII
 -  PATCHING LOCATION

MODEL: Default
 FILE: M:\I-57_Emergency_Patching\I-57_Emergency_Patching\I-57_Emergency_Patching.dgn
 SHEETS: C:\ADD\CADD_Sheets\Civil\I-57_Emergency_Patching\I-57_Emergency_Patching.dgn

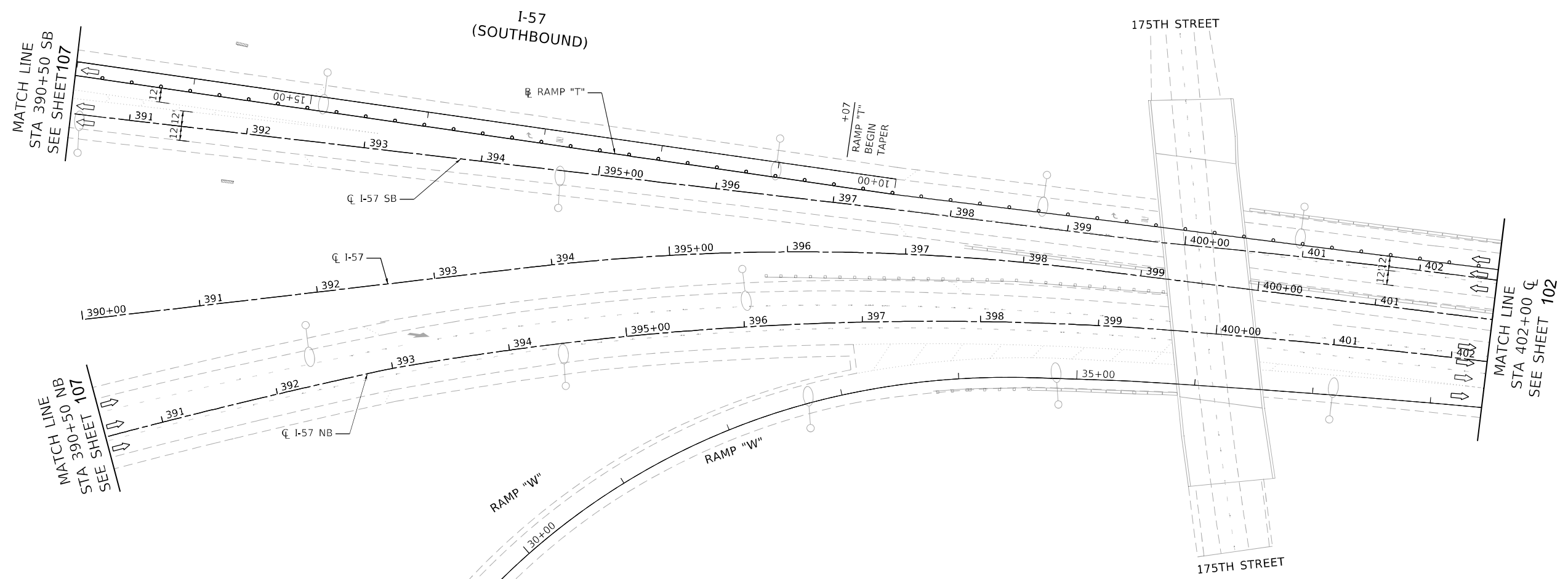


USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - DGM	REVISIONS -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -








**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

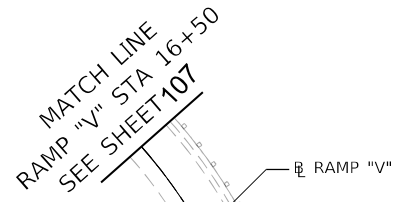
SUGGESTED TRAFFIC CONTROL AND PROTECTION			
RAMP "T" STAGE II			
I-57 AT I-80 EMERGENCY PATCHING			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	107
CONTRACT NO. 62N83				
ILLINOIS FED. AID PROJECT EU31(520)				



LEGEND

-  WORK ZONE
-  RAMP CLOSURE
-  DIRECTION OF TRAFFIC
-  ARROW BOARD
-  DIRECTION INDICATOR BARRICADE
-  DRUMS AT 100' C-C IN TANGENTS, 50' C-C IN TAPERS AND SHIFTS, AND 10' C-C IN RADII
-  PATCHING LOCATION



MODEL: Default
 FILE: M:\Work\GIS\Engineering\Live\Projects\200905_IDOT_DUR\WO_14_-_62N83\CADD\CADD_Sheets\Civil\1627183-sh-ct-stationing-22.dgn



USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - DGM	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION
RAMP "T" STAGE II
I-57 AT I-80 EMERGENCY PATCHING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	108
ILLINOIS FED. AID PROJECT EU31(520)			CONTRACT NO. 62N83	

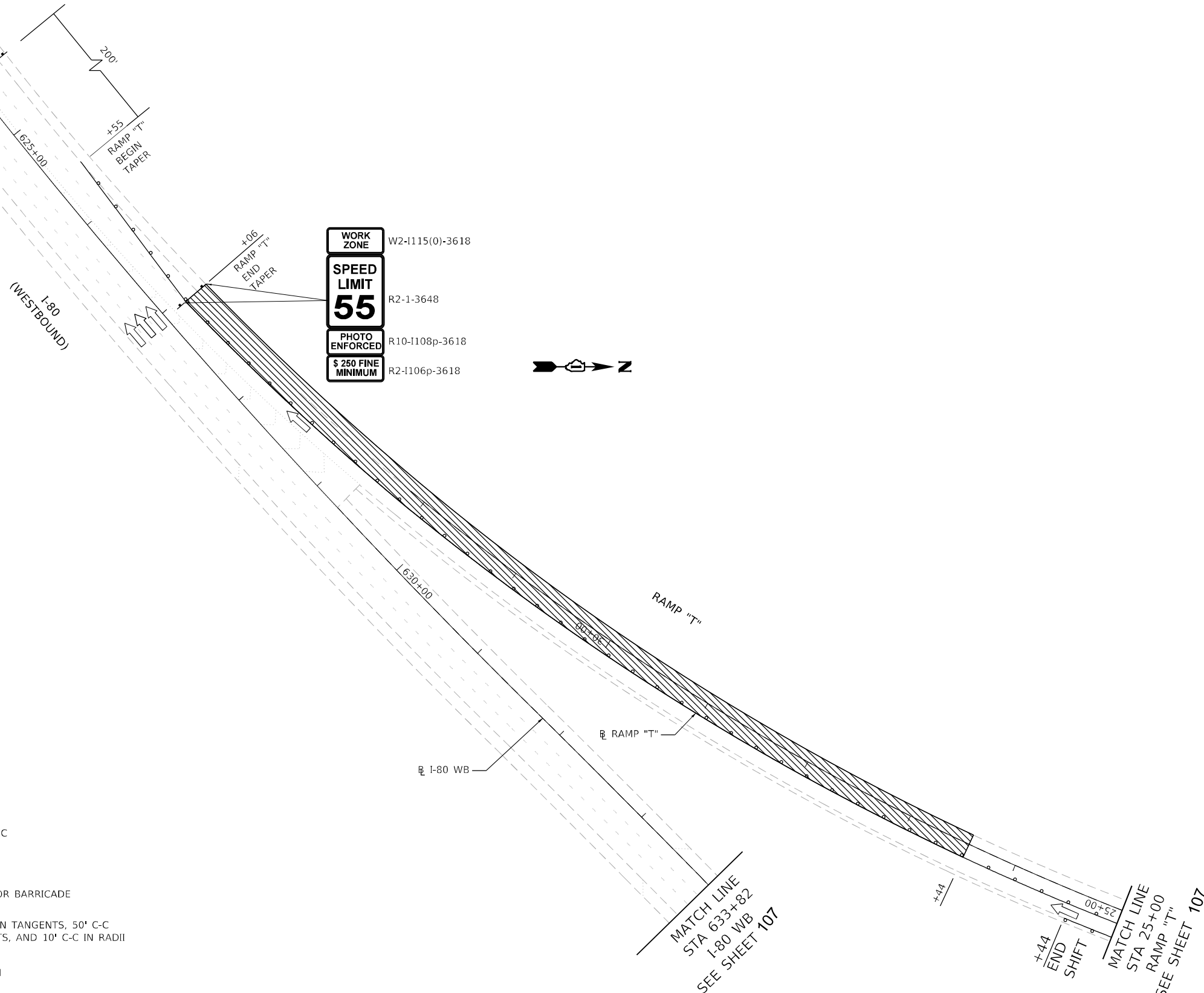
END WORK ZONE SPEED LIMIT
G20-1103-6036

WORK ZONE W2-1115(0)-3618
SPEED LIMIT 55 R2-1-3648
PHOTO ENFORCED R10-1108p-3618
\$ 250 FINE MINIMUM R2-1106p-3618



LEGEND

- WORK ZONE
- RAMP CLOSURE
- DIRECTION OF TRAFFIC
- ARROW BOARD
- DIRECTION INDICATOR BARRICADE
- DRUMS AT 100' C-C IN TANGENTS, 50' C-C IN TAPERS AND SHIFTS, AND 10' C-C IN RADII
- PATCHING LOCATION



MODEL: Default
 FILE: M:\Work\GIS\Engineering\Live\Projects\202005\DOT\DIR\WO_14 - 62N83\CADD\CADD_Sheets\Civil\162N83-sh-ctan\m22.dgn



USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - DGM	REVISIONS -	
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -

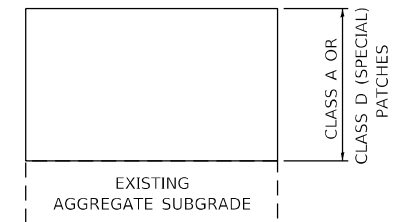
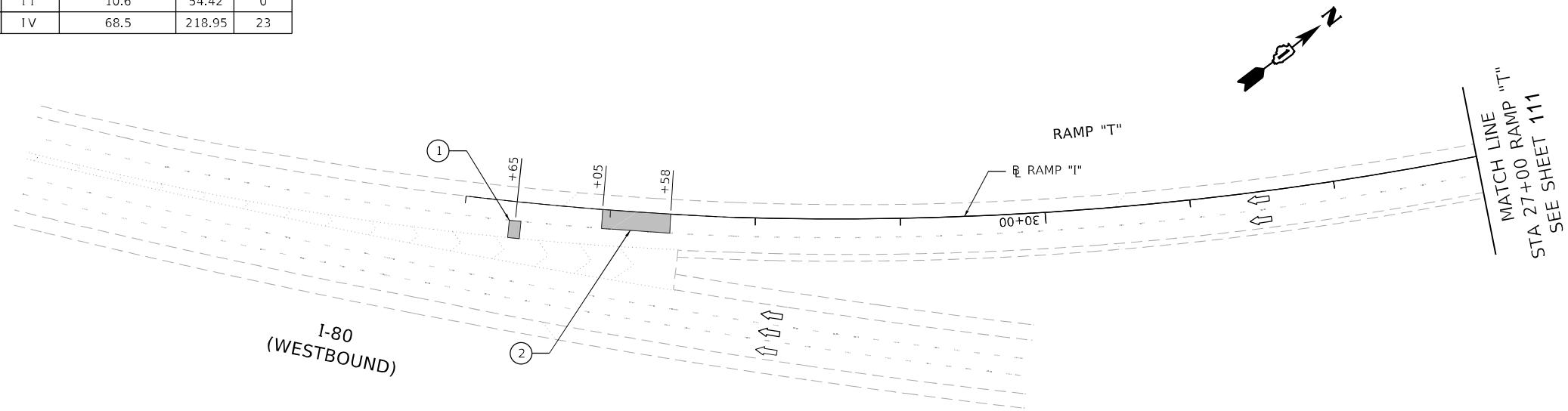
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL AND PROTECTION
RAMP "T" STAGE II
I-57 AT I-80 EMERGENCY PATCHING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	109
ILLINOIS FED. AID PROJECT EU31(520)			CONTRACT NO. 62N83	

CLASS A PATCHES, 15" SCHEDULE							
PATCH NO.	STA	CLASS	AREA (SQ YD)	TYPE	PATCHING REINFORCEMENT (SQ YD)	SAW CUTS (FOOT)	TIE BARS (EACH)
1	33+65	A	10.6	II	10.6	54.42	0
2	32+58	A	68.5	IV	68.5	218.95	23

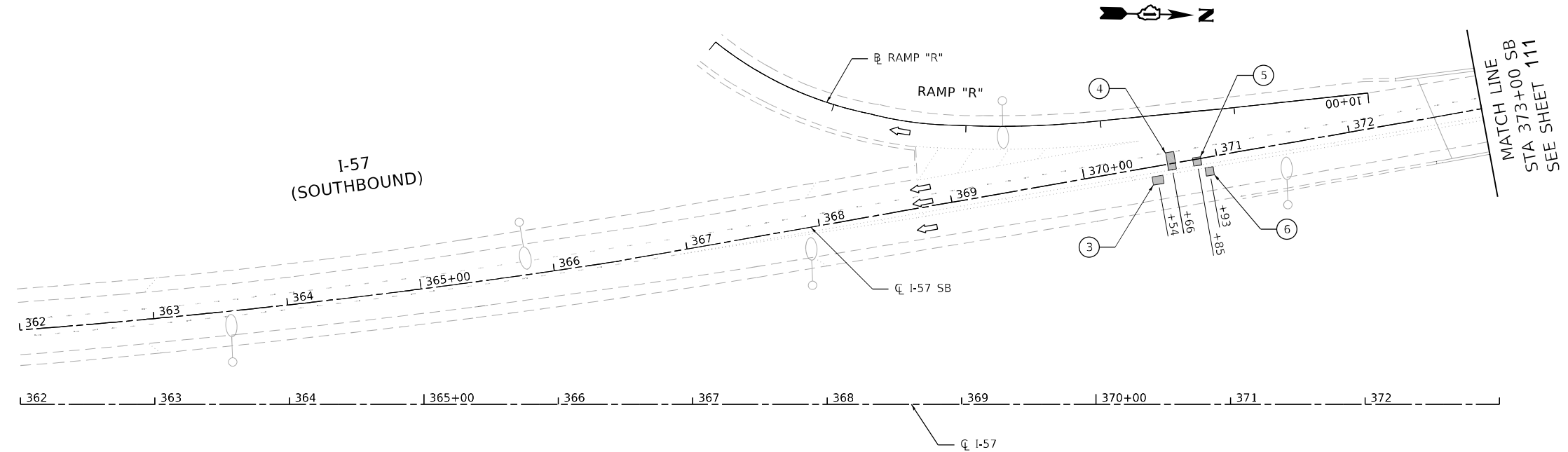


CLASS A PATCHES OR CLASS D PATCHES (SPECIAL) DETAIL

NOTES:

1. NOMINAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING, MODIFIED URETHANE PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS QUANTITY ARE ADDED TO THE PLANS BASED ON THE PATCHING LOCATIONS. THE CONTRACTOR WILL BE PAID FOR THE ACTUAL AMOUNT FURNISHED BASED ON THE UNIT COST.
2. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE PATCHING LOCATION LIMITS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
3. EXISTING AGGREGATE SUBGRADE MATERIAL UNDER THE PAVEMENT IS TO REMAIN.

CLASS A PATCHES, 15" SCHEDULE							
PATCH NO.	STA	CLASS	AREA (SQ YD)	TYPE	PATCHING REINFORCEMENT (SQ YD)	SAW CUTS (FOOT)	TIE BARS (EACH)
3	370+54	A	5.3	II	5.3	38	0
4	370+66	A	8.7	II	8.7	49.42	0
5	370+85	A	4.0	I	4.0	32.49	0
6	370+93	A	4.0	I	4.0	32.49	0



MODEL: Default
FILE: M:\Work\GIS\Engineering\Live\Projects\200905_IDOT_DUR\WO 14 - 62N83\CADD\CADD_Sheets\Civil\ID162N83.sht-shan-1.dgn



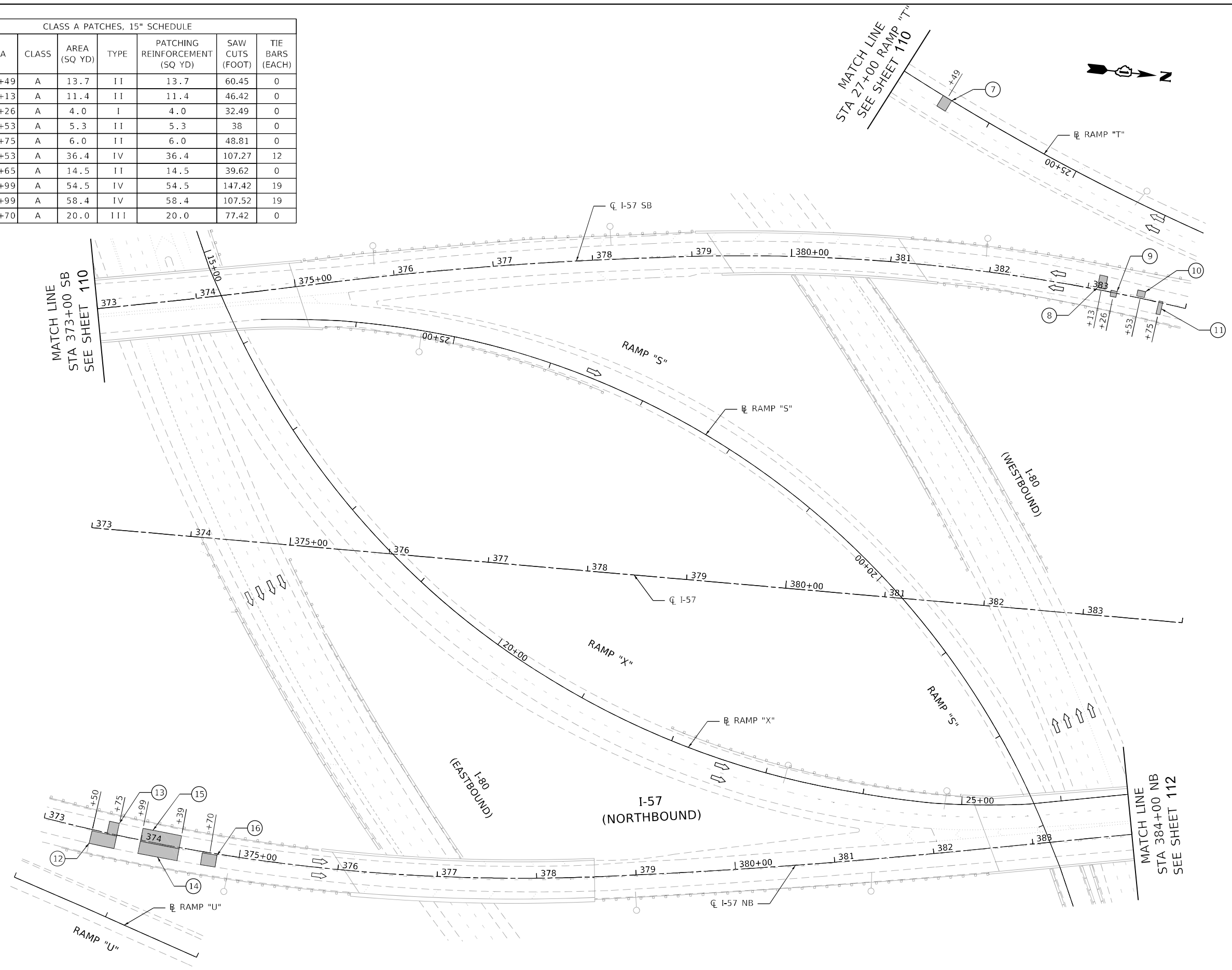
USER NAME = jschumann	DESIGNED - DH	REVISED -
	DRAWN - DW	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PATCHING PLAN - I	
I-57 AT I-80 EMERGENCY PATCHING	
SCALE:	SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	110
CONTRACT NO. 62N83			ILLINOIS FED. AID PROJECT EU31(520)	

CLASS A PATCHES, 15" SCHEDULE							
PATCH NO.	STA	CLASS	AREA (SQ YD)	TYPE	PATCHING REINFORCEMENT (SQ YD)	SAW CUTS (FOOT)	TIE BARS (EACH)
7	26+49	A	13.7	II	13.7	60.45	0
8	383+13	A	11.4	II	11.4	46.42	0
9	383+26	A	4.0	I	4.0	32.49	0
10	383+53	A	5.3	II	5.3	38	0
11	383+75	A	6.0	II	6.0	48.81	0
12	373+53	A	36.4	IV	36.4	107.27	12
13	373+65	A	14.5	II	14.5	39.62	0
14	373+99	A	54.5	IV	54.5	147.42	19
15	373+99	A	58.4	IV	58.4	107.52	19
16	374+70	A	20.0	III	20.0	77.42	0



MODEL: Default
 FILE: M:\Work\GIS\Engineering\Live\Projects\200905_IDOT_DUR\WO 14 - E2N8\I-80\I-57\I-80 Emergency Patching - II.dwg
 SHEETS: C:\I-80\I-57\I-80 Emergency Patching - II.dwg



USER NAME = jschumann	DESIGNED - DH	REVISED -
DRAWN - DW	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -

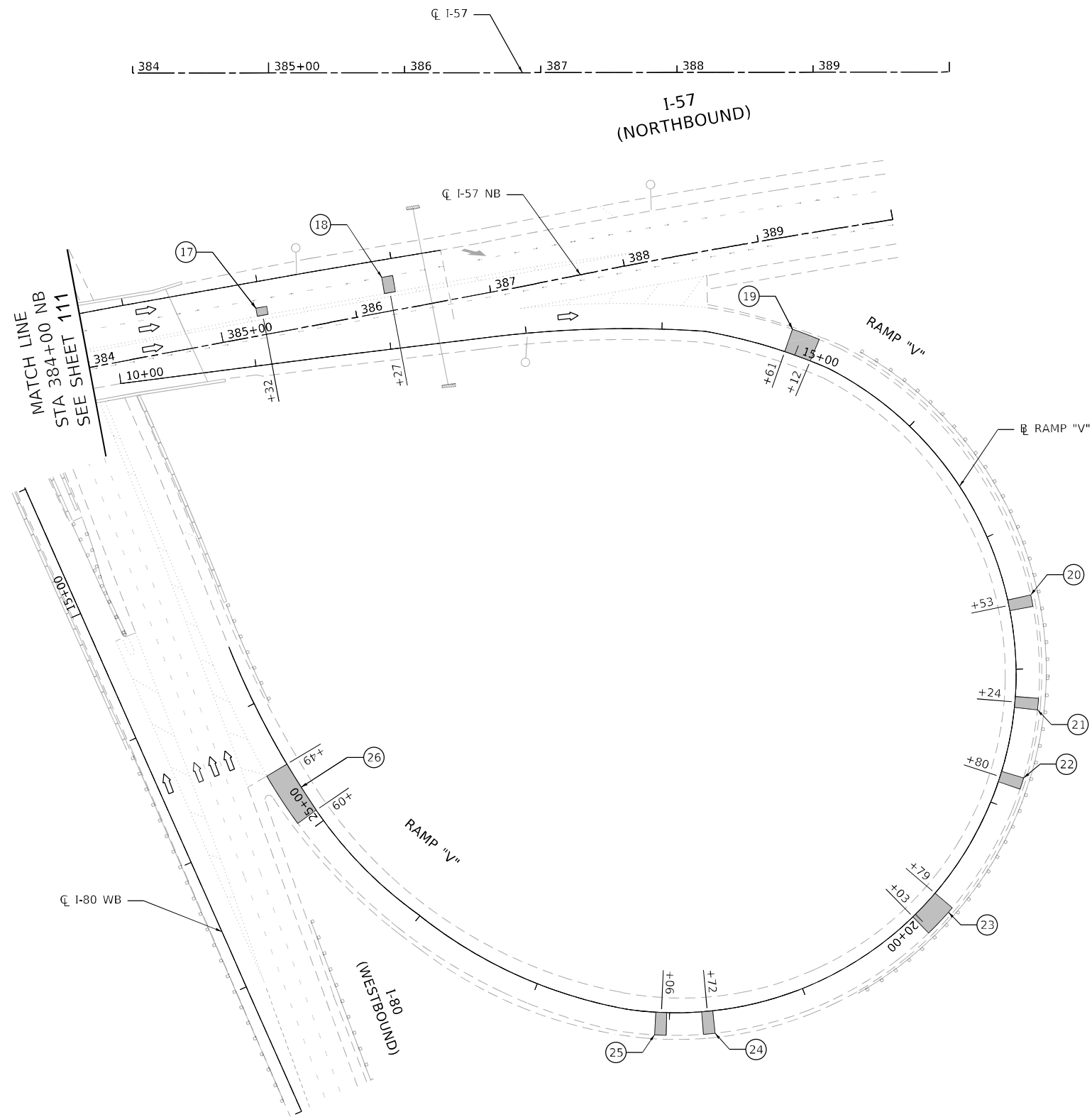
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PATCHING PLAN - II	
I-57 AT I-80 EMERGENCY PATCHING	
SCALE:	SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	111
CONTRACT NO. 62N83				
ILLINOIS FED. AID PROJECT E031(520)				

CLASS A PATCHES, 15" SCHEDULE							
PATCH NO.	STA	CLASS	AREA (SQ YD)	TYPE	PATCHING REINFORCEMENT (SQ YD)	SAW CUTS (FOOT)	TIE BARS (EACH)
17	385+32	A	5.3	II	5.3	38	0
18	386+27	A	10.7	II	10.7	68.84	0

CLASS D PATCHES, 13" (SPECIAL) SCHEDULE				
PATCH NO.	STA	CLASS	AREA (SQ YD)	TYPE
19	14+61	D	39.3	IV
20	17+53	D	15.8	III
21	18+24	D	15.7	III
22	18+80	D	15.5	III
23	19+79	D	54.2	IV
24	21+72	D	15.2	III
25	22+06	D	15.3	III
26	25+09	D	77.6	IV



MODEL: Default
 FILE: Model - Civil Engineering\Live\Projects\20095 - I-80\I-80\DOT\DWG\14 - E2N8\I-80\DOT\CADD\CADD_Sheets\Civil\152783-sh-14n-3.dgn



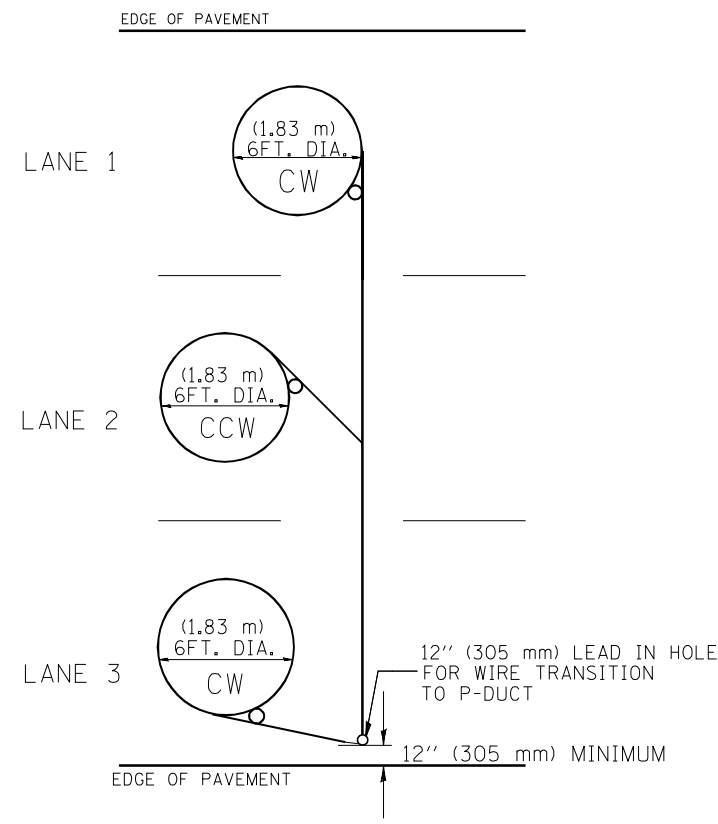
USER NAME = jschumann	DESIGNED - DH	REVISED -
	DRAWN - DW	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 5/13/2021	DATE - 05-13-2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

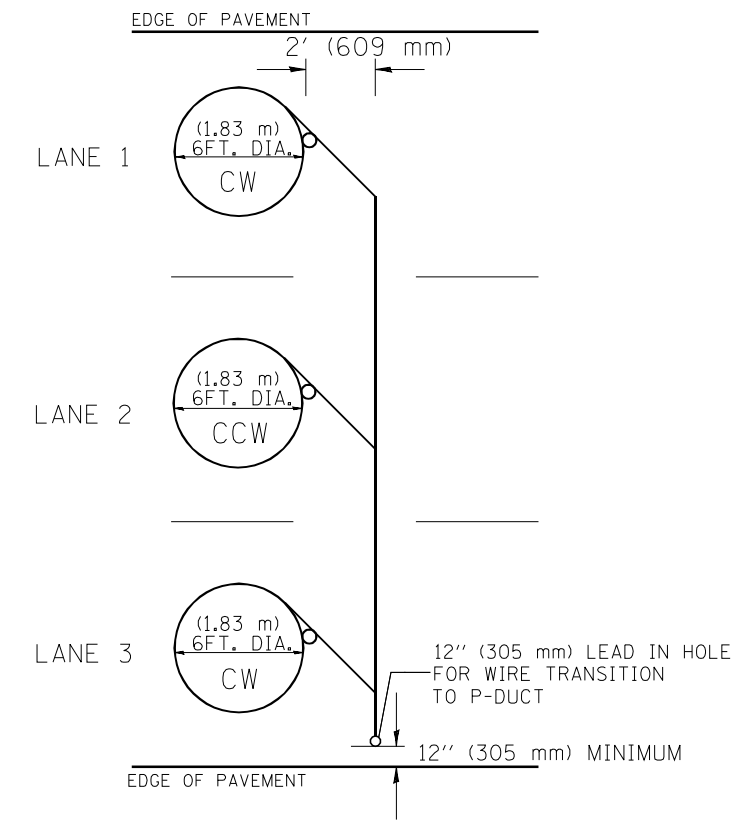
PROPOSED PATCHING PLAN - III
I-57 AT I-80 EMERGENCY PATCHING

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

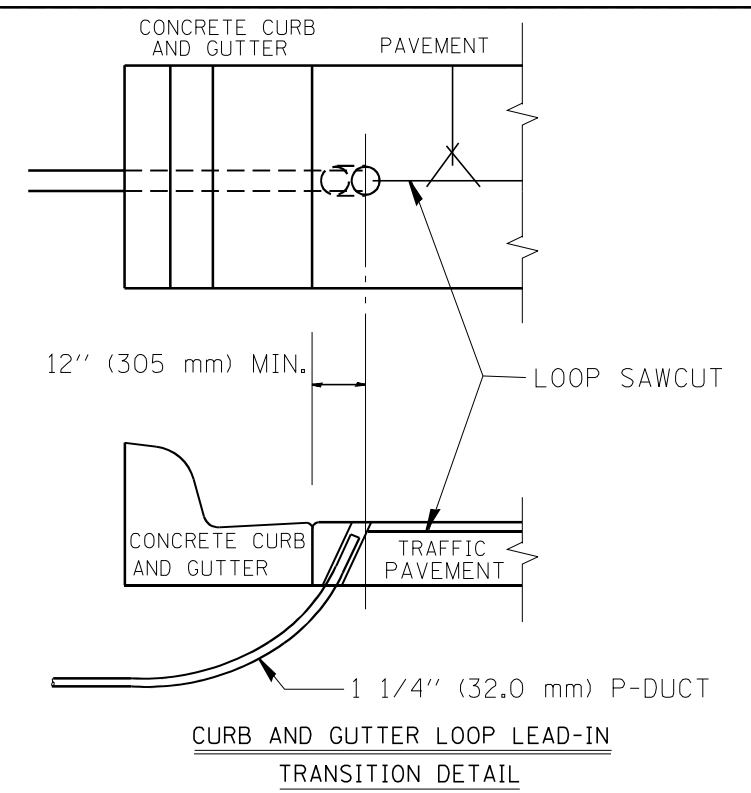
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021-049-PP	COOK	134	112
CONTRACT NO. 62N83			ILLINOIS FED. AID PROJECT EU31(520)	



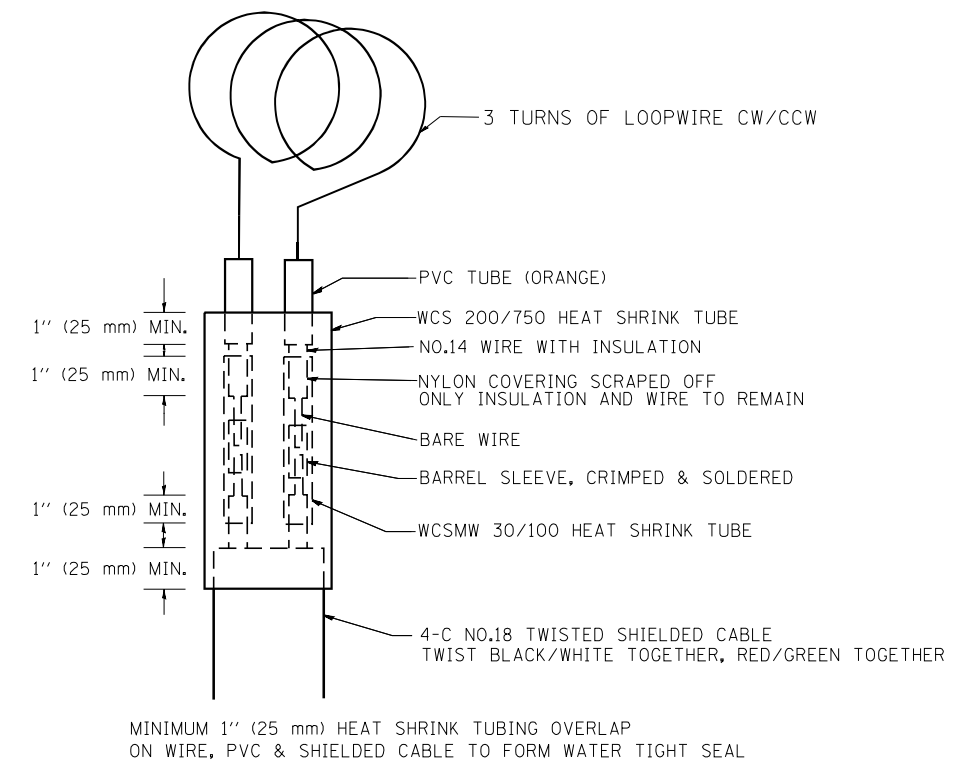
TYPICAL 6FT. (1.83 m) DIA. INDUCTION LOOP CORE DRILL
LAYOUT FOR MULTIPLE LANE ROADWAY



TYPICAL 6FT. (1.83 m) DIA. INDUCTION LOOP CORE DRILL
LAYOUT FOR MULTIPLE LANE ROADWAY



CURB AND GUTTER LOOP LEAD-IN
TRANSITION DETAIL



LOOP SPLICING REQUIREMENTS

NOTES

1. EACH LOOP SHALL BE SPLICED TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 150FT. (45 m) OR MORE FROM CABINET.
2. LOOPS SHALL BE SPLICED IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
3. LOOPS SHALL NOT BE SPLICED IN SERIES.
4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.

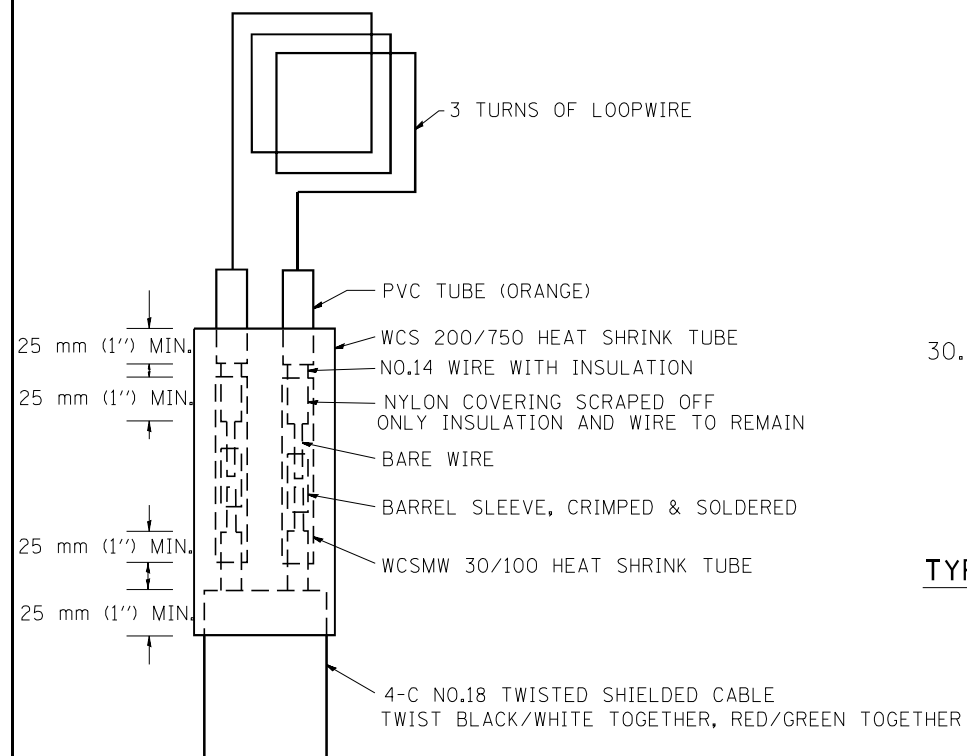
FILE NAME = C:\Projects\TSC\TYPICALS\TSC\TY08.dgn	USER NAME = mezag	DESIGNED - R.L.	REVISED - 6/94
		DRAWN - G.M.	REVISED - 10/96
		CHECKED - R.L.	REVISED -
		DATE - 6-22-94	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

EXISTING ROUND INDUCTION LOOP TYPICALS		F.A.I. RTE. 80	SECTION 2021-049-PP	COUNTY COOK	TOTAL SHEETS 134	SHEET NO. 113
SCALE: NONE	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 62N83			

FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
---------------------	---------------------------

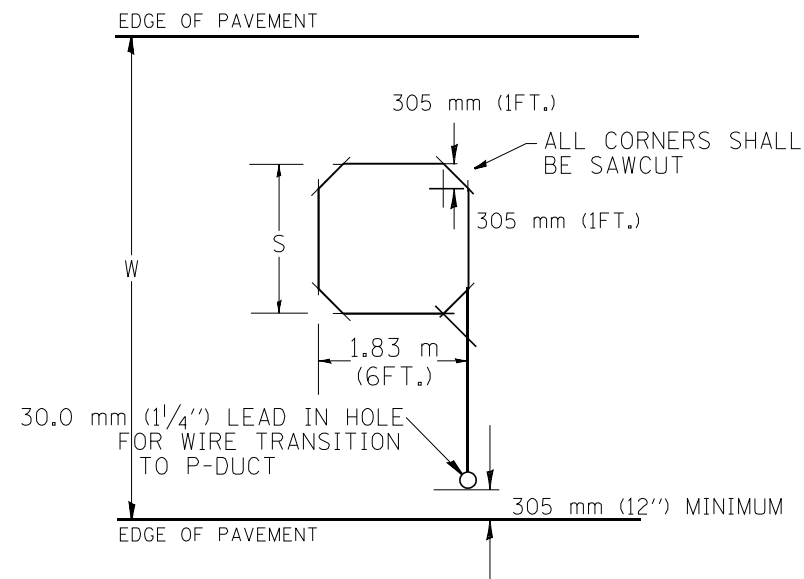
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	----	----
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



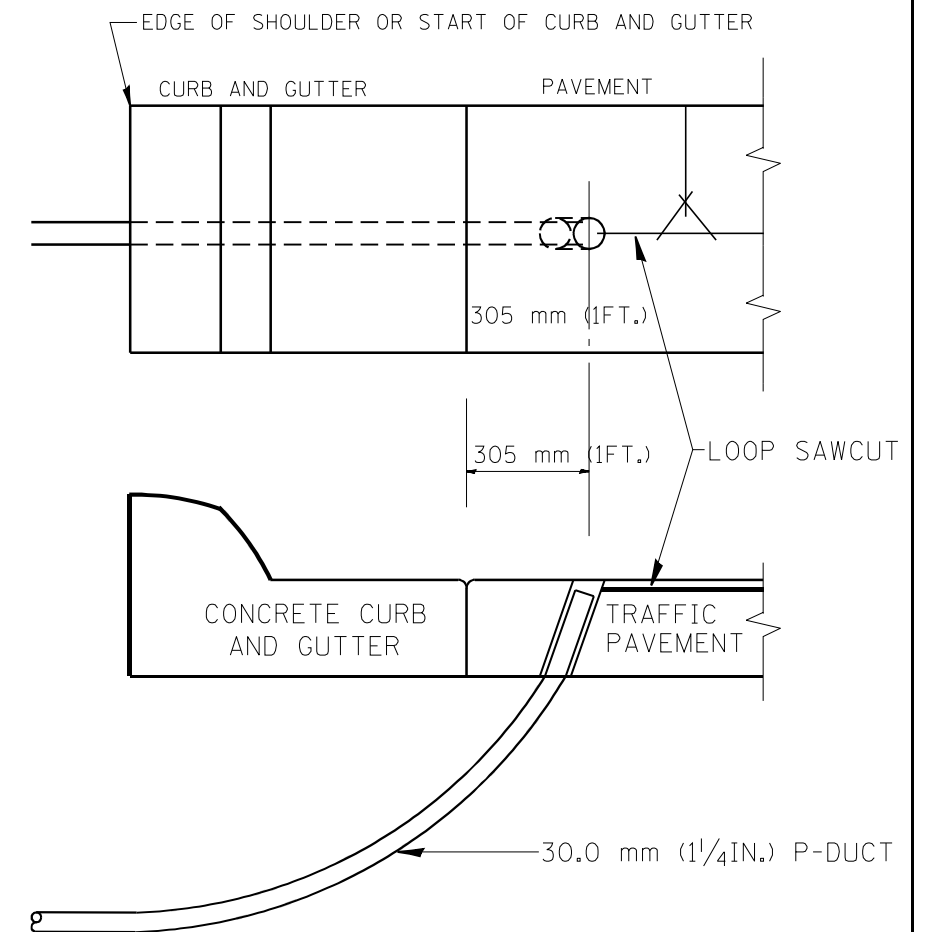
MINIMUM 25 mm (1") HEAT SHRINK TUBING OVERLAP ON WIRE, PVC & SHIELDED CABLE TO FORM WATER TIGHT SEAL

LOOP SPLICING REQUIREMENTS

WIDTH (W)	WIDTH (S)
3.7 m (12')	2.5 m (8')
4.0 m (13')	2.8 m (9')
4.3 m (14')	3.1 m (10')
4.6 m (15')	3.4 m (11')
4.9 m (16')	3.7 m (12')
5.2 m (17')	4.0 m (13')
5.5 m (18')	4.3 m (14')
5.8 m (19')	4.6 m (15')
6.1 m (20')	4.9 m (16')
6.4 m (21')	5.2 m (17')
6.7 m (22')	5.5 m (18')
7.0 m (23')	5.8 m (19')
7.3 m (24')	6.1 m (20')
7.6 m (25')	6.4 m (21')



TYPICAL "S" FT. BY 1.83 m (6FT.) INDUCTION LOOP SAWCUT LAYOUT FOR RAMPS



CURB AND GUTTER LOOP LEAD-IN TRANSITION DETAIL

NOTES

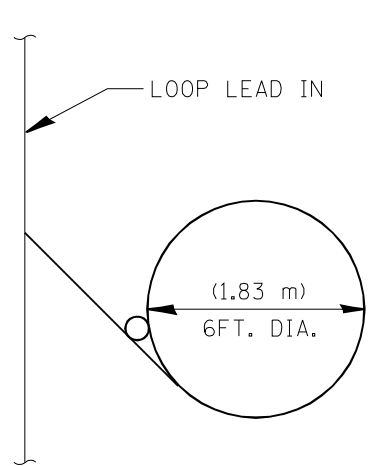
1. EACH LOOP SHALL BE SPLICED TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 45 m (150FT.) OR MORE FROM CABINET.
2. LOOPS SHALL BE SPLICED IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
3. LOOPS SHALL NOT BE SPLICED IN SERIES.
4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.

REVISIONS	
NAME	DATE
R.L.	6/94
T.C.	11/95
R.L.	05/96
T.C.	10/96

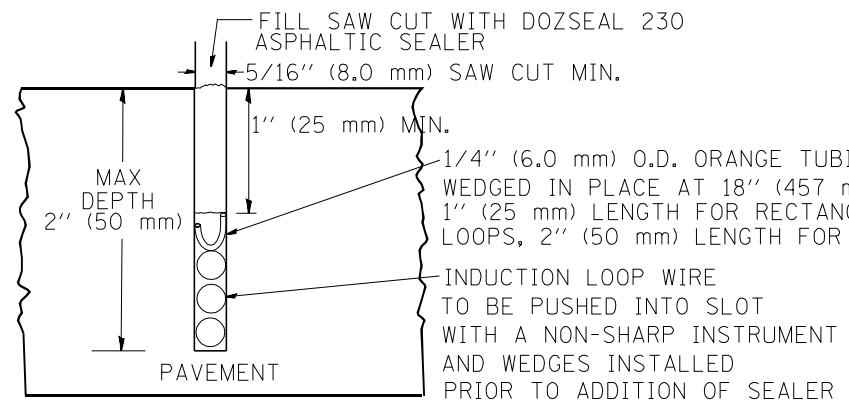
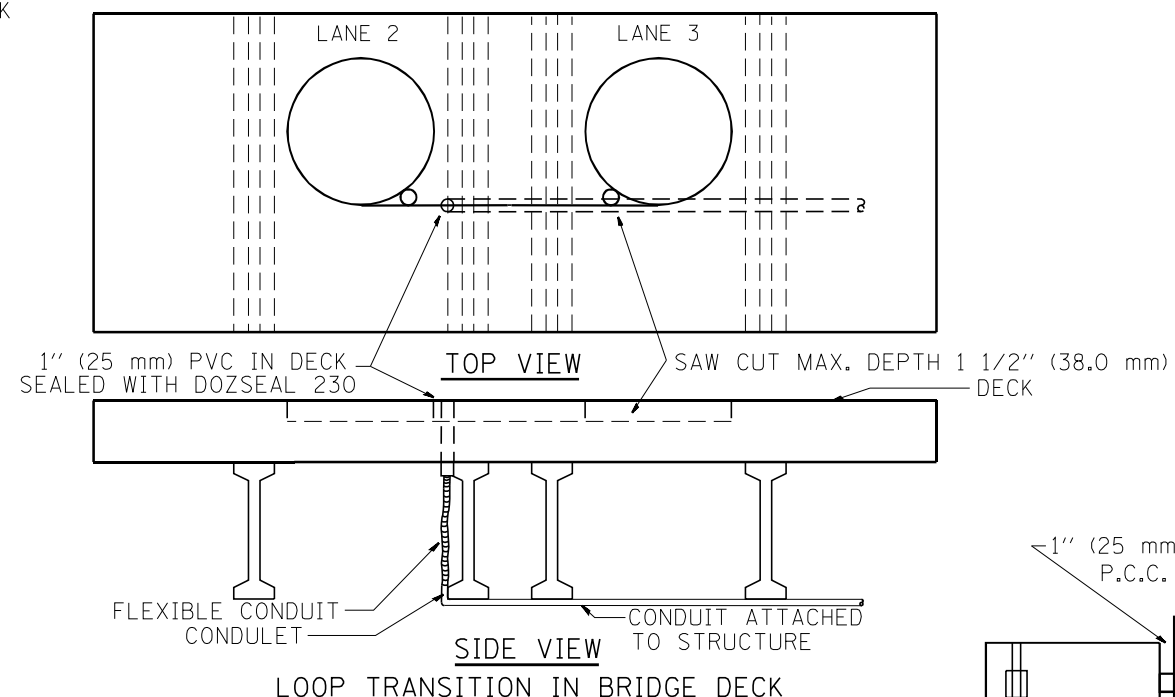
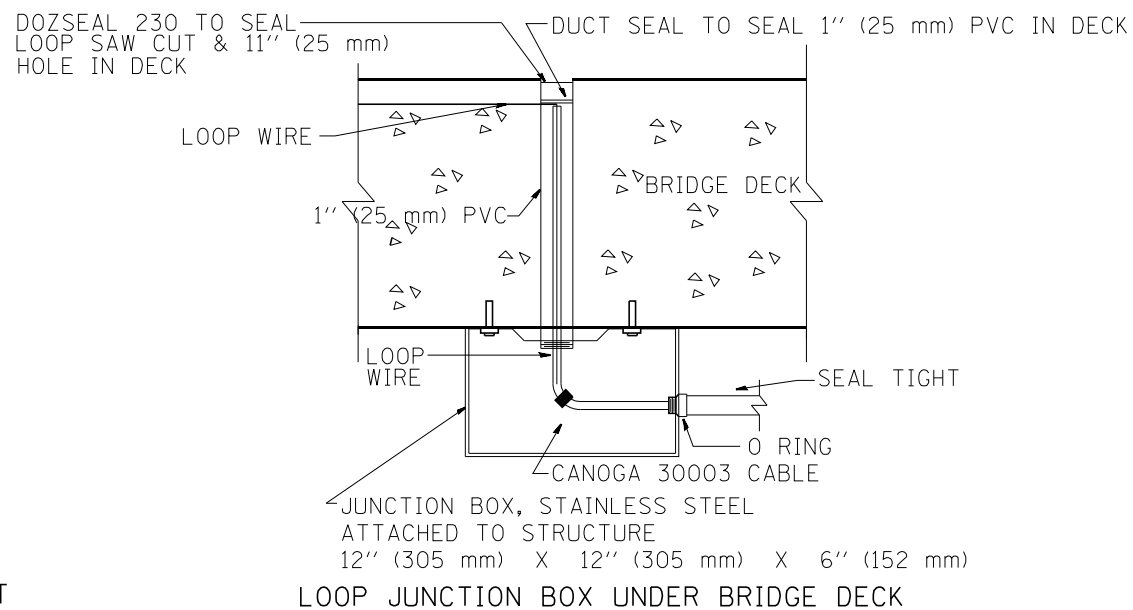
ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
RECTANGULAR INDUCTION LOOP TYPICAL
SCALE: VERT. NONE
DATE 6-22-94
DRAWN BY G.M.
CHECKED BY R.L.

RD-TYPMET.DGN
RF=

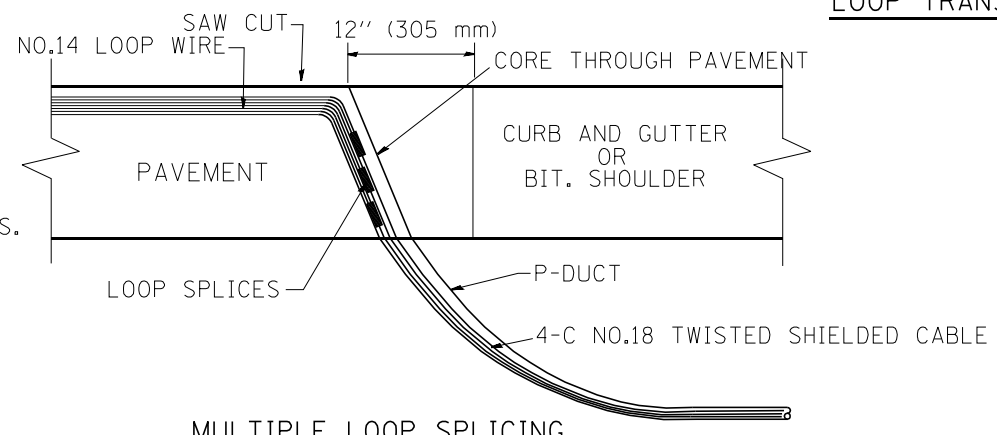
VI=4182



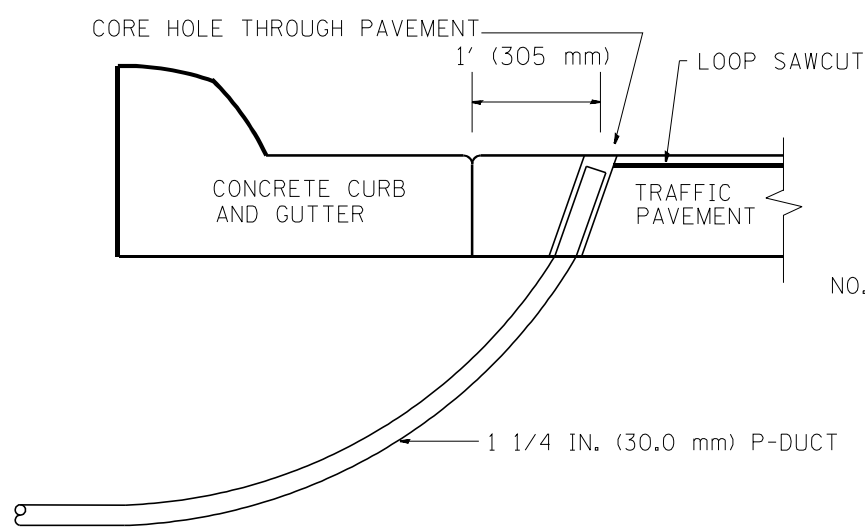
TYPICAL LOOP SAWCUT LAYOUT



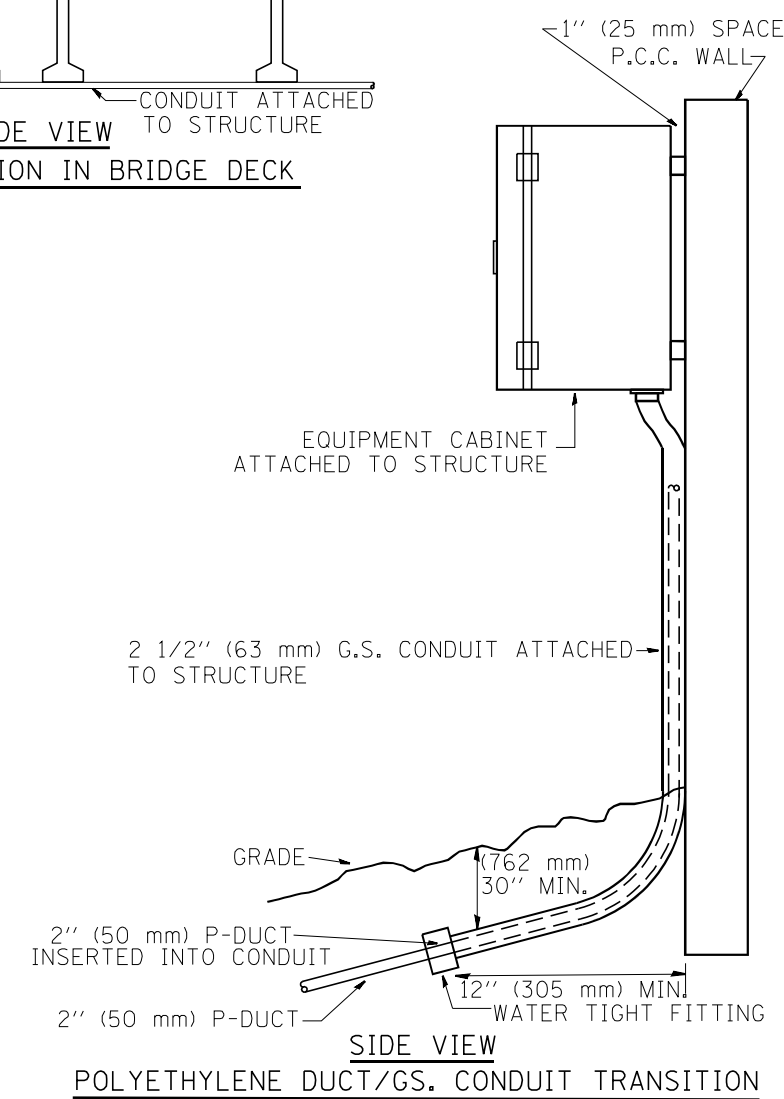
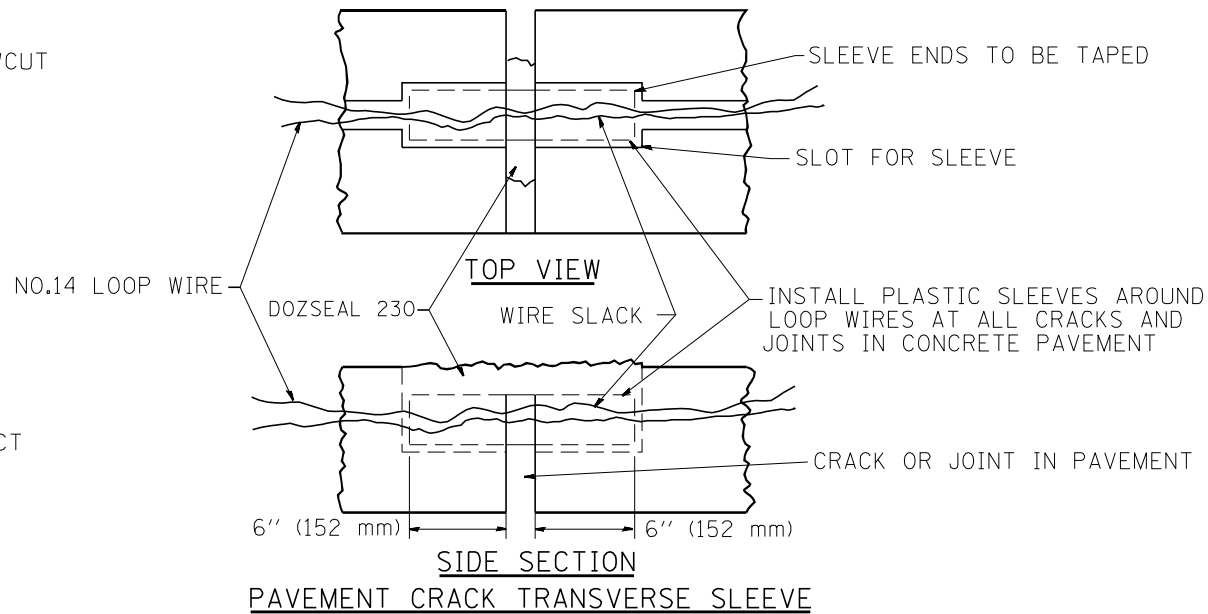
LOOP CROSS SECTION IN PAVEMENT



MULTIPLE LOOP SPLICING

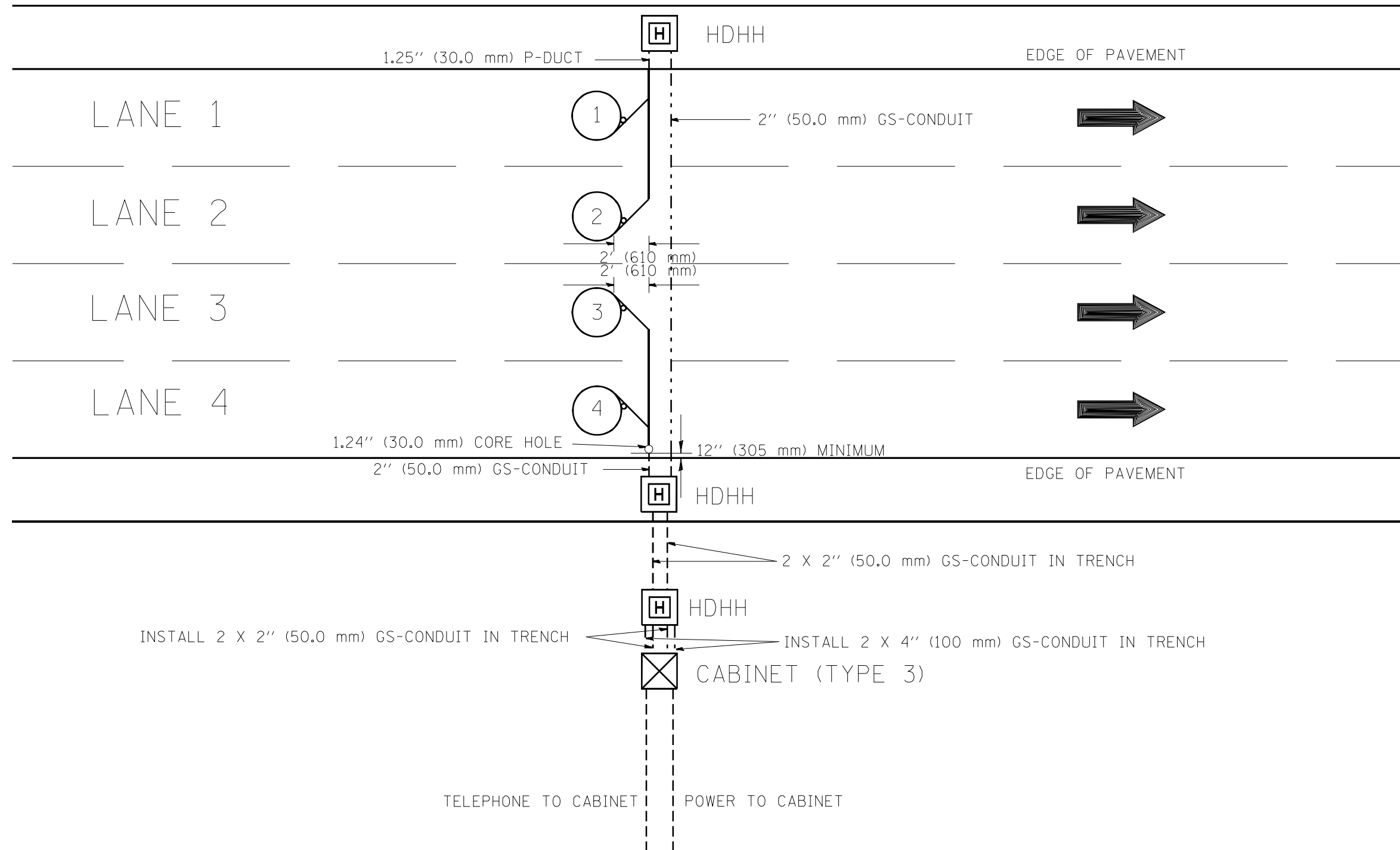


SIDE SECTION LOOP LEAD-IN TRANSITION DETAIL



FILE NAME = C:\Projects\TSC\TYPICALS\TSC\TY08.dgn	USER NAME = mezag	DESIGNED - R.L.	REVISED - 06/94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	LOOP, CONDUIT & DUCT INSTALLATION DETAILS			F.A.I. RTE. 80	SECTION 2021-049-PP	COUNTY COOK	TOTAL SHEETS 134	SHEET NO. 115
PLOT SCALE = 100.0000' / IN.	CHECKED - R.L.	REVISED - 03/95	REVISED - 11/95					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 62N83		
PLOT DATE = 12/2/2010	DATE - 06/22/94	REVISED - 10/96	SCALE: NONE		SHEET NO.	OF SHEETS	STA. TO STA.					
TRAFFIC SYSTEMS CENTER (TY-1TSC-418#4)												

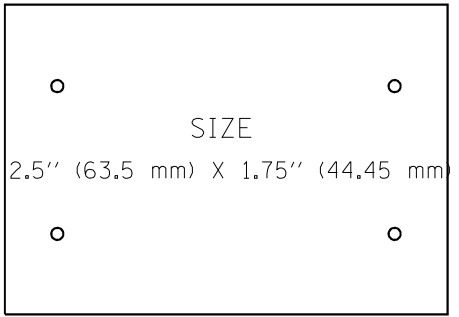
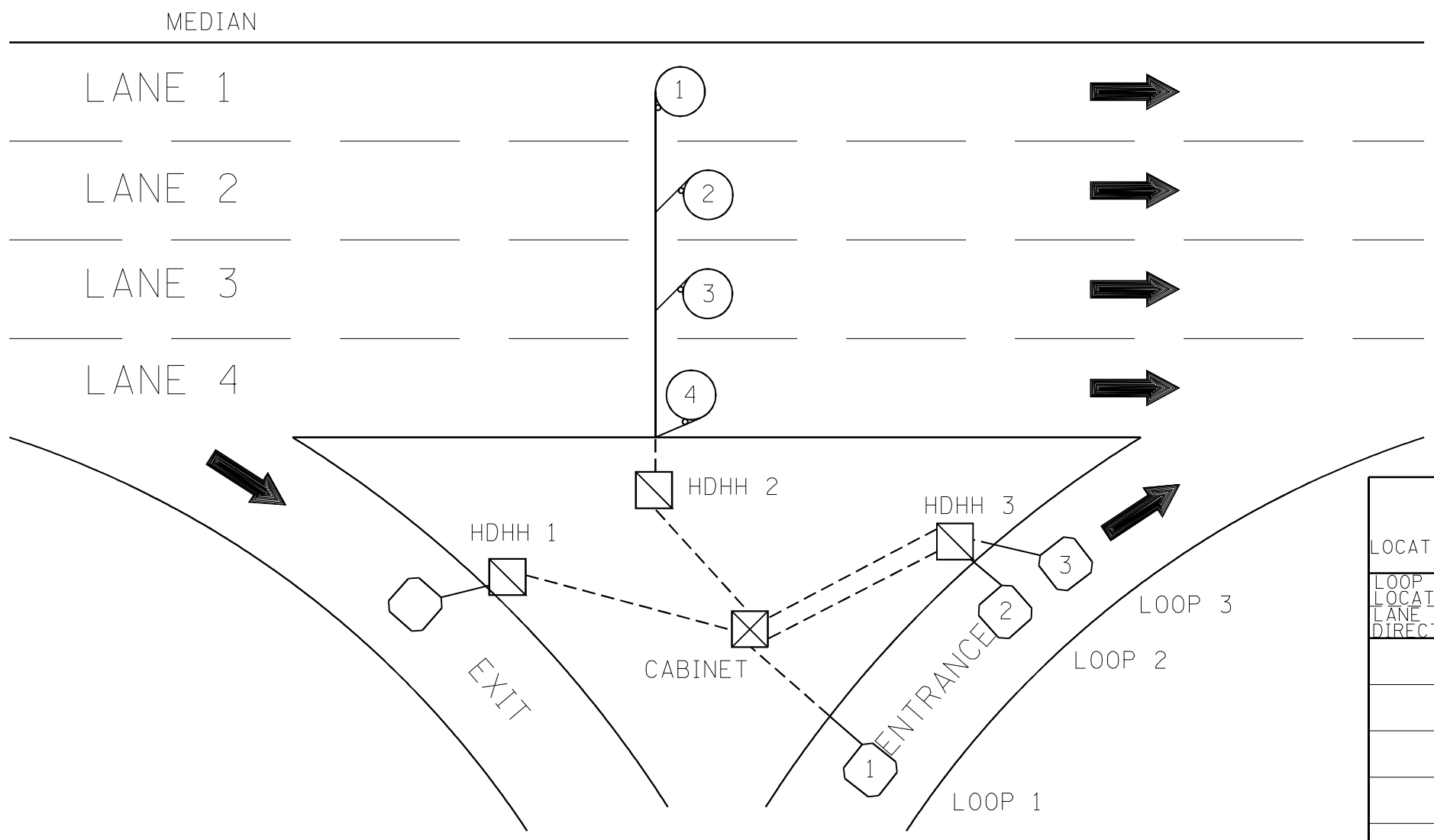
NOTE: ALL MAIN LINE LOOPS ARE ROUND 6' DIA. (1.83 m)



NOTES

1. EACH LOOP SHALL BE SPLICED TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 150' (45 m) OR MORE FROM CABINET.
2. LOOPS SHALL BE SPLICED IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
3. LOOPS SHALL NOT BE SPLICED IN SERIES.
4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.

FILE NAME = C:\Projects\TSC\TYPICALS\TSC1YP08.dgn	USER NAME = mezag	DESIGNED - R.L.	REVISED - R.L.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	NEW CONSTRUCTION ROUND INDUCTION LOOP TYPICAL INSTALLATION			F.A.I. RTE. 80	SECTION 2021-049-PP	COUNTY COOK	TOTAL SHEETS 134	SHEET NO. 116
	PLOT SCALE = 100.0000' / IN.	DRAWN - G.M.	REVISED - R.L.		SCALE: NONE	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 62N83		
	PLOT DATE = 3/3/2011	CHECKED - R.L.	REVISED - T.C.							ILLINOIS FED. AID PROJECT		
		DATE - 6-27-94	REVISED - T.C.									



SUGGESTED TAG
 PANDUIT
 #MP250W175-C
 OR EQUIVALENT

LOOP ANALYZER					
LOCATION _____			DATE _____		
LOOP LOCATION LANE DIRECTION	LOOP WIRE MARKED AND CODED	LOOP SIZE	FREQ. INDUCTANCE	INSULATION	LOOP RESISTANCE

HDHH 1 EXAMPLE

IB-EB EXIT
 CCW IN/
 TO CABINET # ____

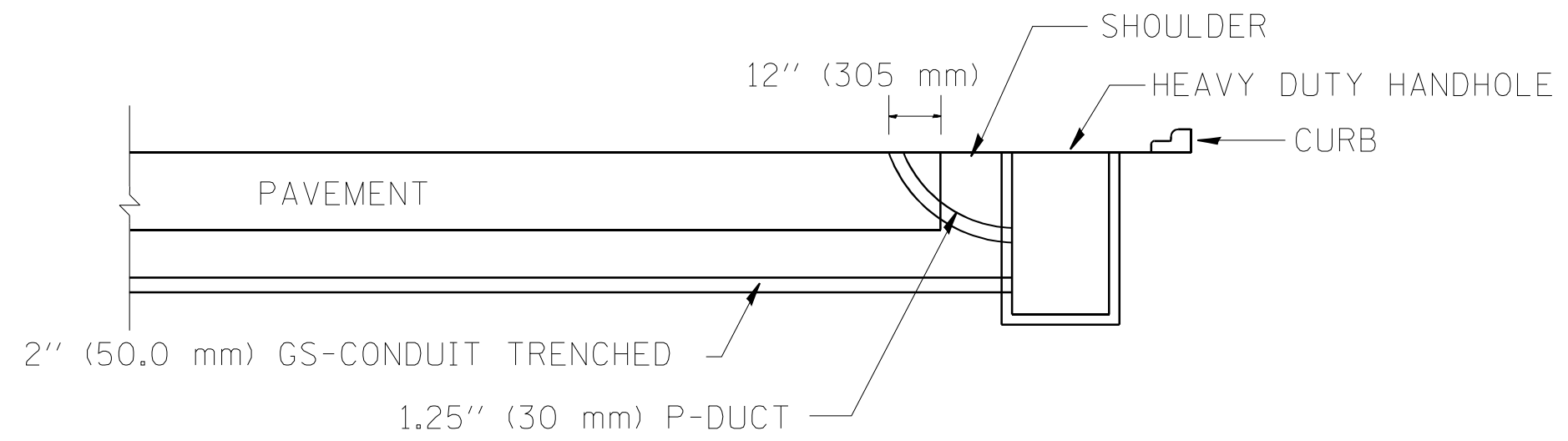
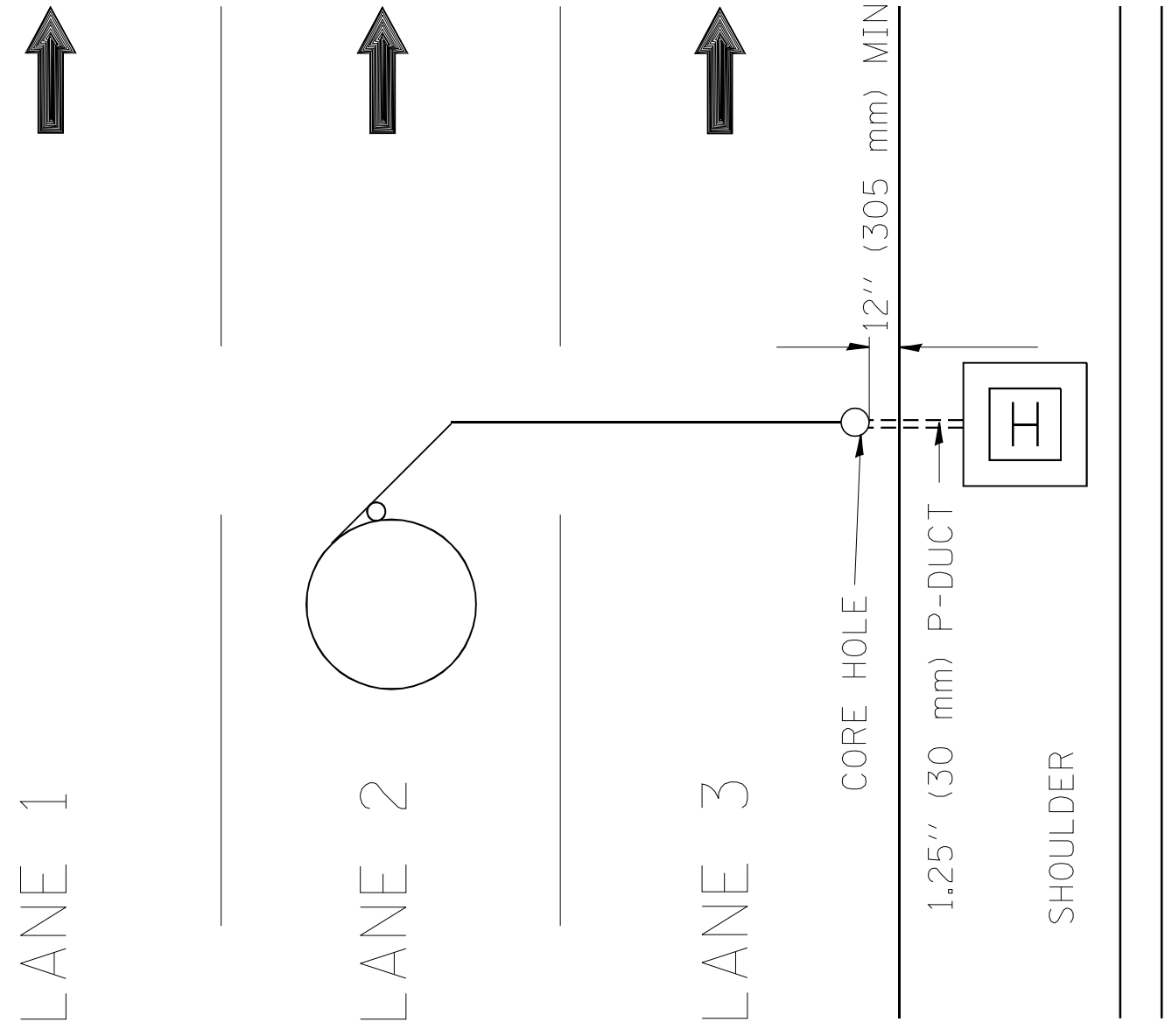
HDHH 2 EXAMPLE

IB (OB) LANE # __
 CCW /OUT
 TO CABINET # ____

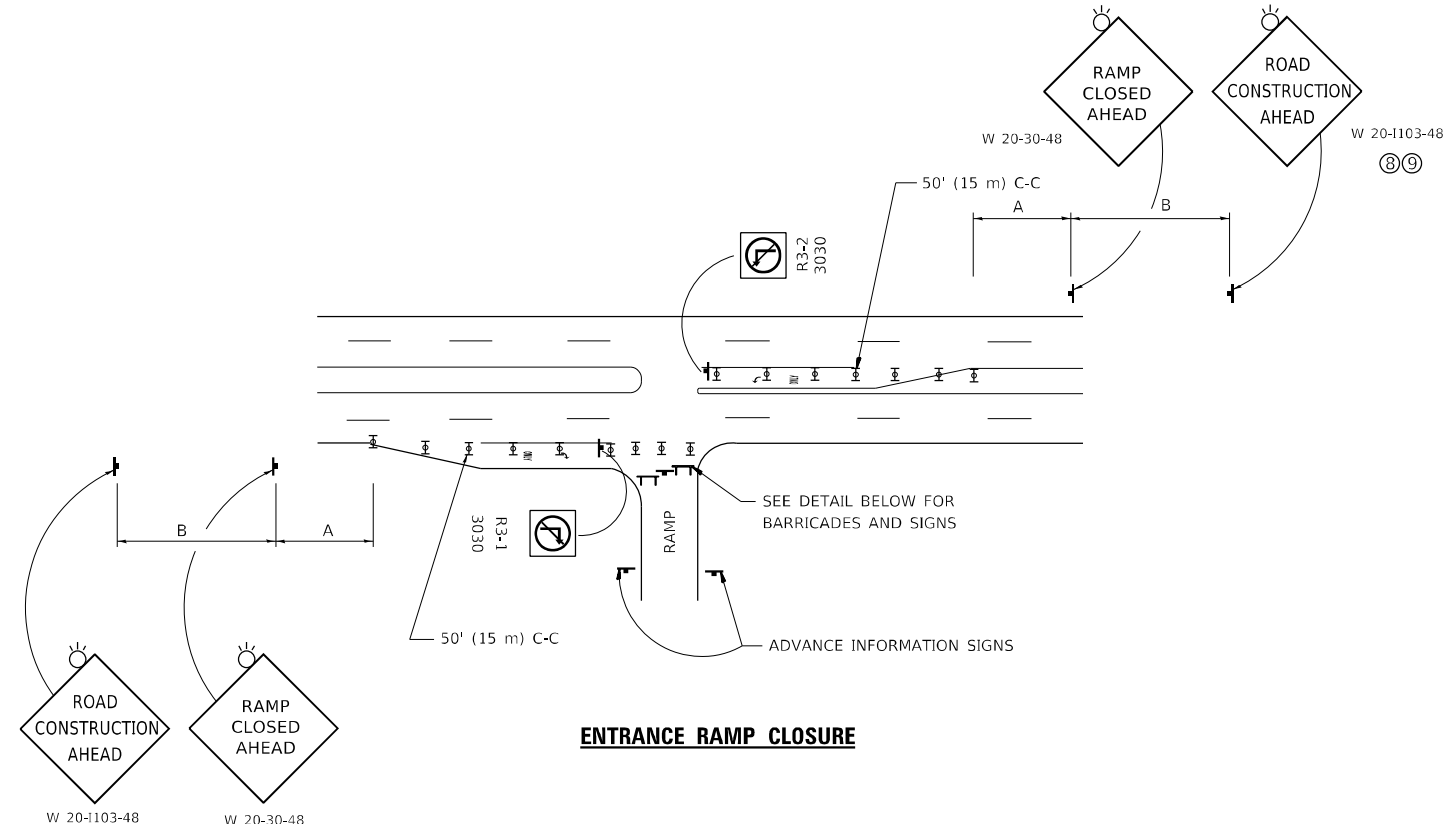
HDHH 3 EXAMPLE

IB-EB ENT.
 LOOP #2
 CW IN/

NOTE:
 EACH LOOP WIRE SHALL BE TAGGED
 AS "IN" OR "OUT" AND "CW" OR "CCW".
 SHIELDED CABLE WILL BE TAGGED IN
 EACH HANDHOLE AND CABINET TO
 MATCH THE CABLE LOG.



FILE NAME = C:\Projects\TSC\TYPICALS\TSC1YP08.dgn	USER NAME = mezag	DESIGNED - R.L.	REVISED - R.L.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	DIVE HOLE DUCT SYSTEM			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / IN.	DRAWN - G.M.	REVISED - T.C.					80	2021-049-PP	COOK	134	118
PLOT DATE = 12/2/2010	CHECKED - R.L.	REVISED -	CONTRACT NO. 62N83			ILLINOIS FED. AID PROJECT						
DATE - 11/7/95	DATE -	REVISED -	SCALE: NONE		SHEET NO.	OF SHEETS	STA. TO STA.					

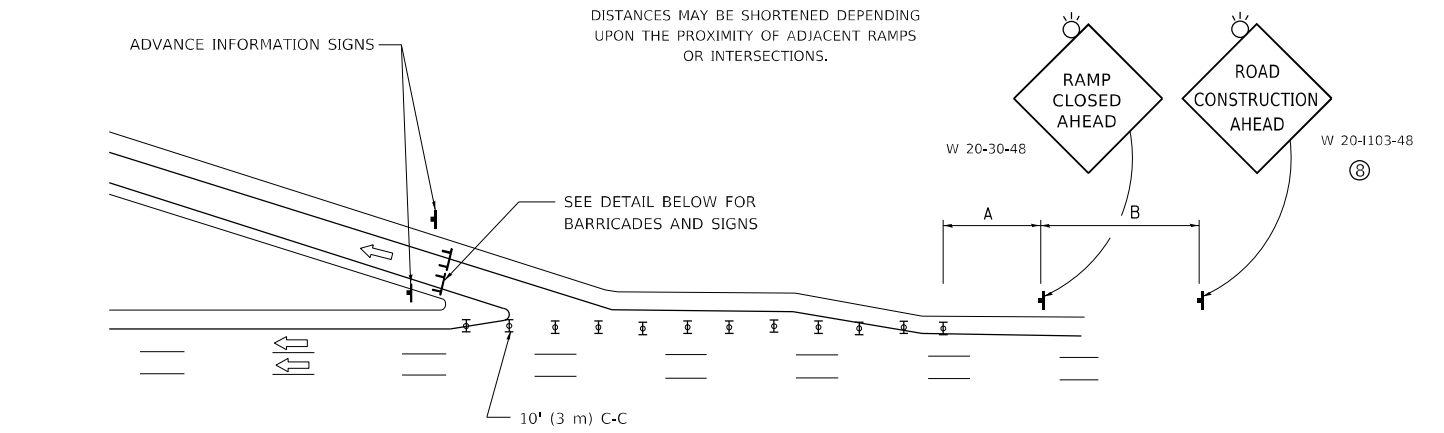


ENTRANCE RAMP CLOSURE

SIGN SPACING TABLE

FACILITY	DISTANCE BETWEEN SIGNS	
	A	B
EXPRESSWAY >24 HOURS	1000' (300 m)	1500' (450 m)
EXPRESSWAY ≤24 HOURS	500' (150 m)	500' (150 m)
ARTERIAL 55 MPH	500' (150 m)	500' (150 m)
ARTERIAL 50-45 MPH	350' (100 m)	350' (100 m)
ARTERIAL <45 MPH	200' (60 m)	200' (60 m)

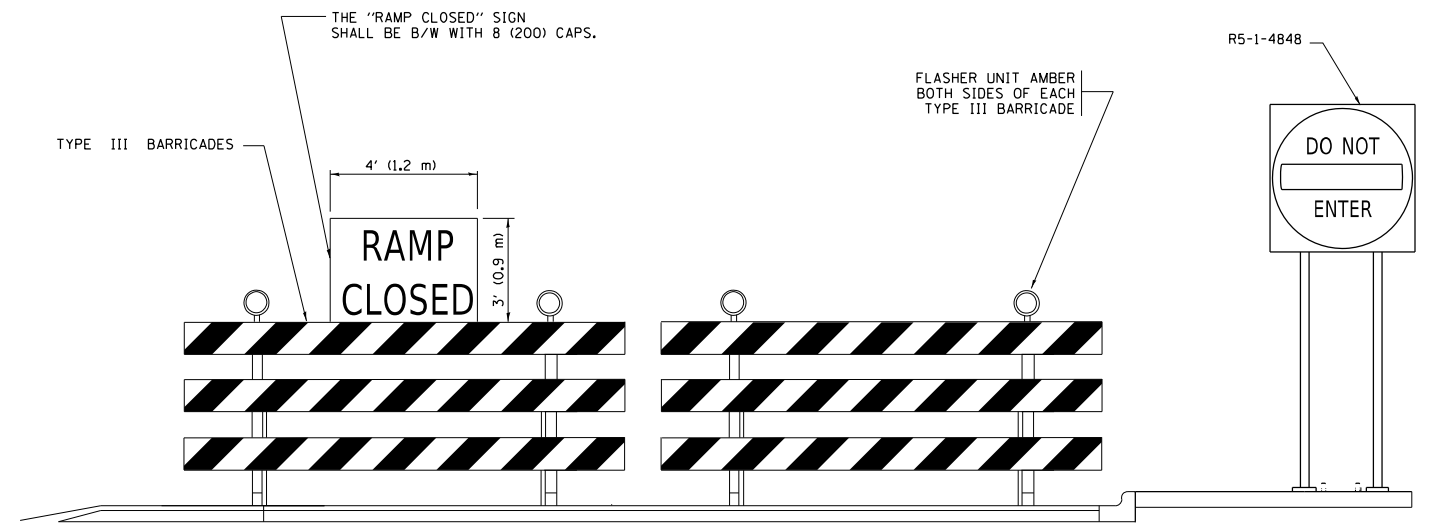
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



EXIT RAMP CLOSURE

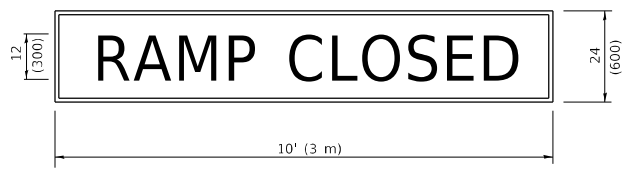
SYMBOLS

- TYPE II BARRICADE OR DRUM
- TYPE III BARRICADE WITH 2 FLASHING LIGHTS



DETAIL FOR REQUIRED BARRICADES & SIGNS

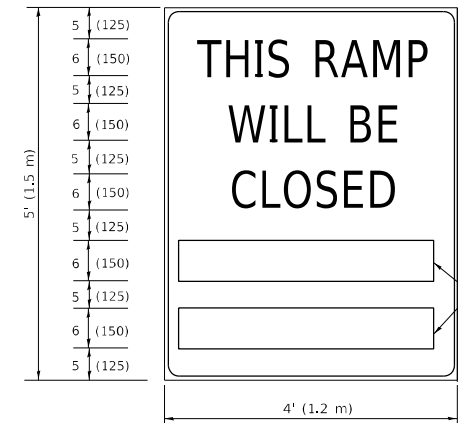
RAMP CLOSURE ADVANCE WARNING SIGN



BLACK LEGEND ON ORANGE BACKGROUND MOUNTED DIAGONALLY
E MOD FONT
1 (25) BORDER

THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR EXIT RAMPS THAT WILL BE CLOSED FOR MORE THAN FOUR (4) CONSECUTIVE DAYS.

RAMP CLOSURE ADVANCE INFORMATION SIGN



BLACK LEGEND ON WHITE BACKGROUND

1/2 (12) BORDER

E MOD FONT

THESE BLANK AREAS SHALL BE FILLED WITH THE DATES AND THE TIME THAT THE RAMP WILL BE CLOSED.

THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

THESE SIGNS SHALL BE FABRICATED AND PAID FOR ACCORDING TO THE TEMPORARY INFORMATION SIGNING SPECIAL PROVISION

GENERAL NOTES:

- 1 CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- 2 VERTICAL BARRICADES SHALL NOT BE USED FOR RAMP CLOSURES.
- 3 A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES, PRECEDED BY A W20-7 FLAGGER WARNING SIGN.
- 4 ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED WHEN THE RAMP IS CLOSED FOR MORE THAN FOUR (4) DAYS.
- 5 THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- 6 AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- 7 THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED FOUR (4) DAYS IN LENGTH.
- 8 ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
- 9 ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS SHALL BE INSTALLED ON THE LEFT SIDE OF TRAFFIC IF THE MEDIAN IS MORE THAN 10 FT WIDE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

MODEL: Default
FILE NAME: p:\work\2021\049-PP\I-80\Documents\DOT_Office\Drawings\I-80 - I-80\CD03a\Detail\EntranceExit.dwg

USER NAME = qureshiya	DESIGNED - D.W.S.	REVISED - S.P.B._01-07
DRAWN -	REVISED - S.P.B._12-09	
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - M.D._06-13
PLOT DATE = 5/13/2021	DATE - 02-83	REVISED - M.D._01-18

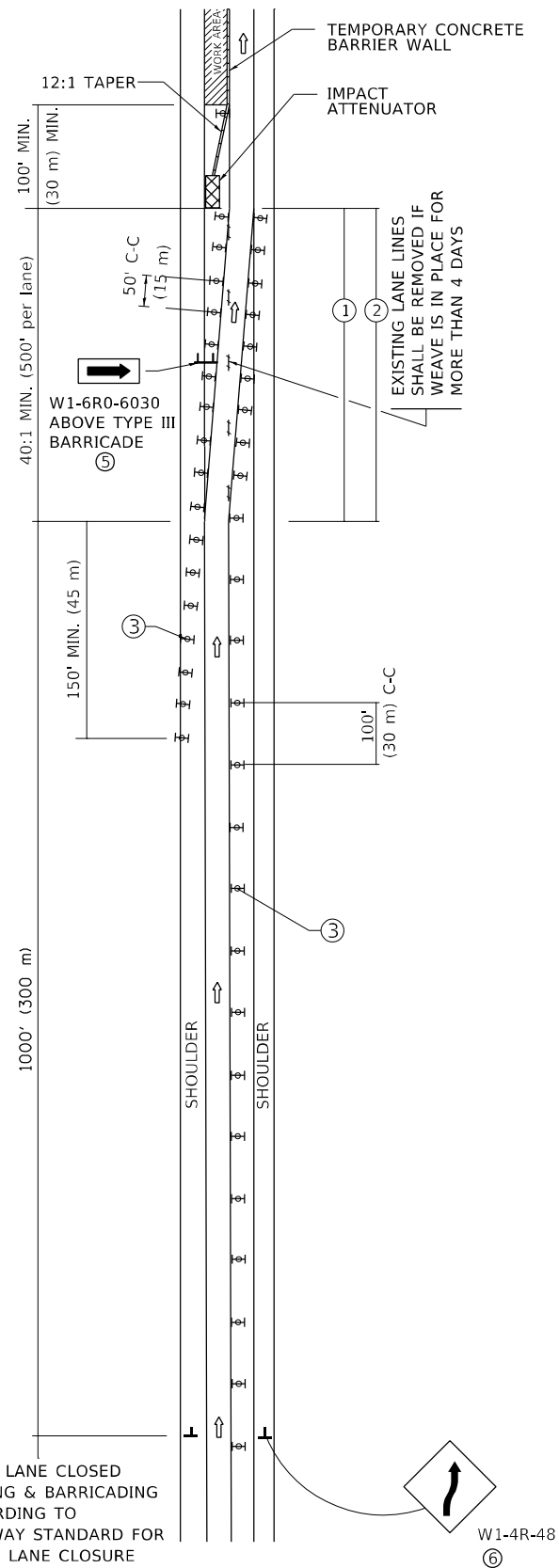
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ENTRANCE_AND_EXIT_RAMP
CLOSURE_DETAILS**

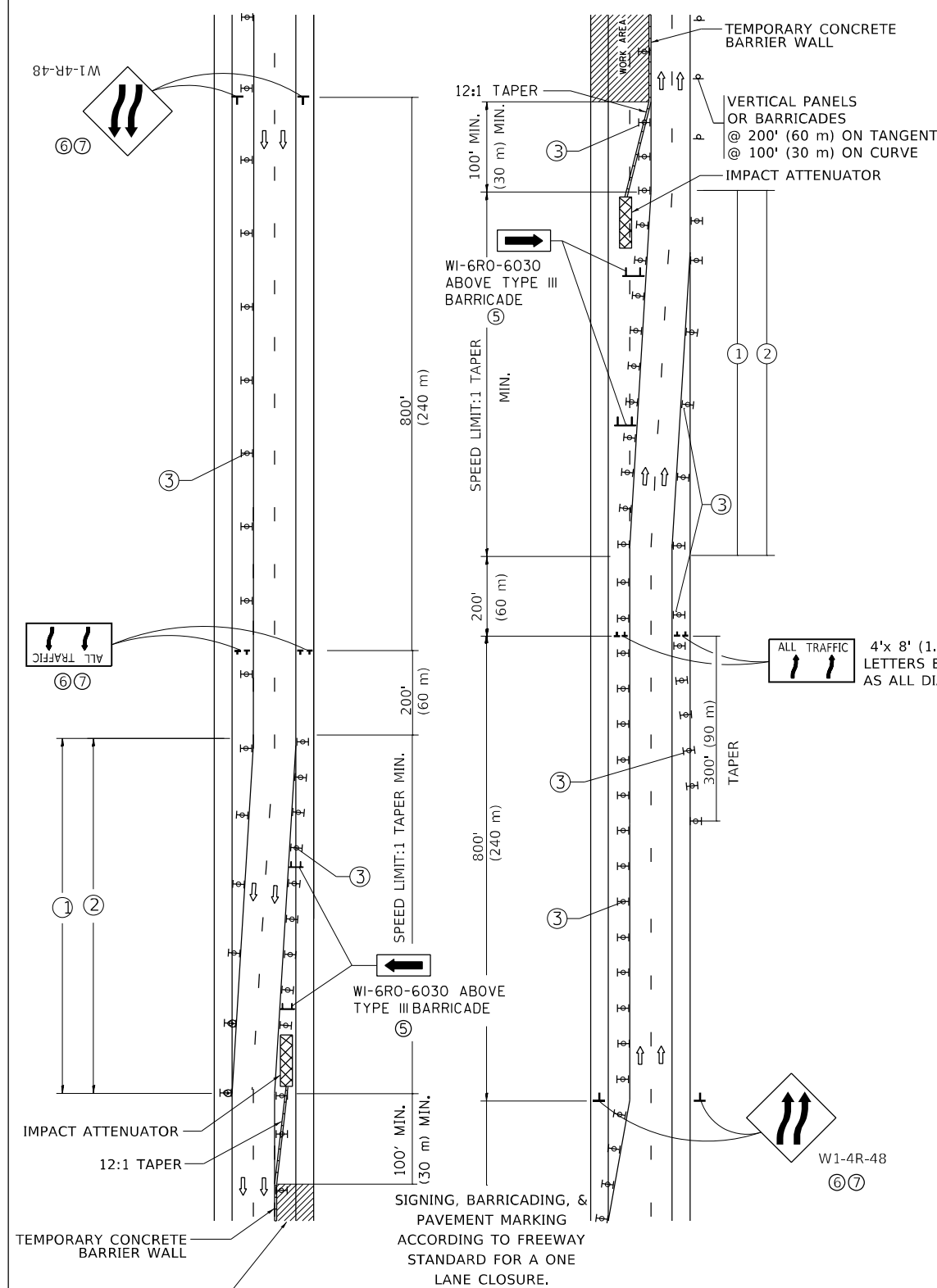
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE. I-80	SECTION 2021-049-PP	COUNTY COOK	TOTAL SHEETS 134	SHEET NO. 119
TC-08			CONTRACT NO. 62N83	
ILLINOIS		FED. AID PROJECT		

SINGLE LANE WEAVE



MULTI-LANE WEAVE



GENERAL NOTES:

- ① EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED. PAVEMENT MARKING REMOVAL SHALL NOT BE REQUIRED FOR SINGLE LANE WEAVES UNDER 4 DAYS IN DURATION.
- ② CONTINUOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVES LANE LINES SHALL BE 5 INCH, 10'-30' (3 m-9 m) SKIP DASH, WHITE.
- ③ PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
- ④ ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ⑤ TYPE III BARRICADES MAY BE OMITTED FOR SINGLE-LANE WEAVES UNDER 24-HOURS IN DURATION. W1-6 SIGNS WILL STILL BE REQUIRED. IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE ELIMINATED IN THE TAPER AREAS.
- ⑥ WHEN THE LENGTH OF THE SHIFTED SEGMENT (DISTANCE BETWEEN WEAVE POINTS) IS LESS THAN 1500', DOUBLE REVERSE CURVE SIGNS (W24-1) SHOULD BE USED INSTEAD OF THE REVERSE CURVE (W1-4) SIGNS. ARROWS ON THE 4'X8' "ALL TRAFFIC" SIGNS SHALL BE THE SAME SHAPE.
- ⑦ THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC.

SYMBOLS

- DIRECTION OF TRAFFIC
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE II BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- TEMPORARY CONCRETE BARRIER WALL
- IMPACT ATTENUATOR
- W1-4R-48
- W24-1-48

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

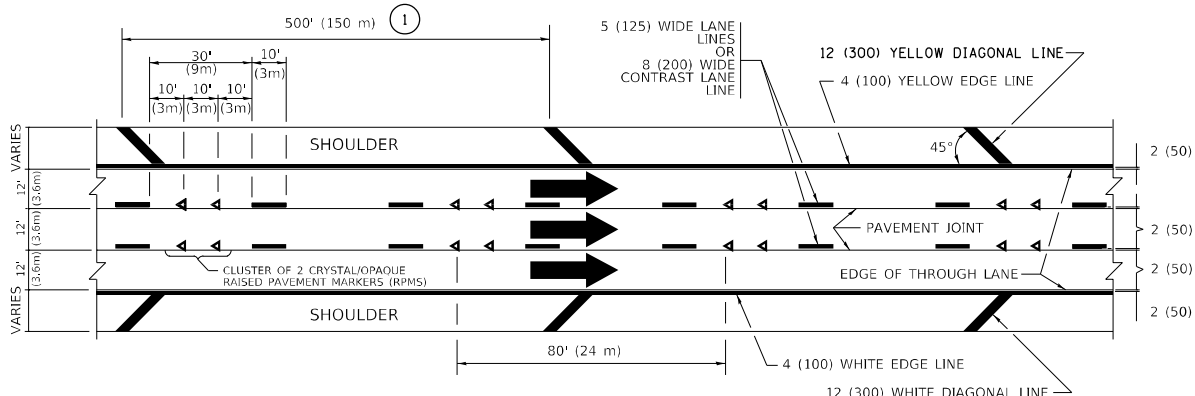
MODEL: Default
FILE NAME: p:\pub\baronm.dwt\illinois.gov\PIWDOT\Documents\DOT_Offices\Distric: 1\Project\I-80 - I-80\CA\000000\000000\000000.dwg

USER NAME = qureshiya	DESIGNED - D.W.S.	REVISED - J.A.F. 02-06
PLOT SCALE = 100,000' / in.	CHECKED -	REVISED - S.P.B. 01-07
PLOT DATE = 5/13/2021	DATE - 02-87	REVISED - S.P.B. 12-09
		REVISED - M.D. 06-13

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

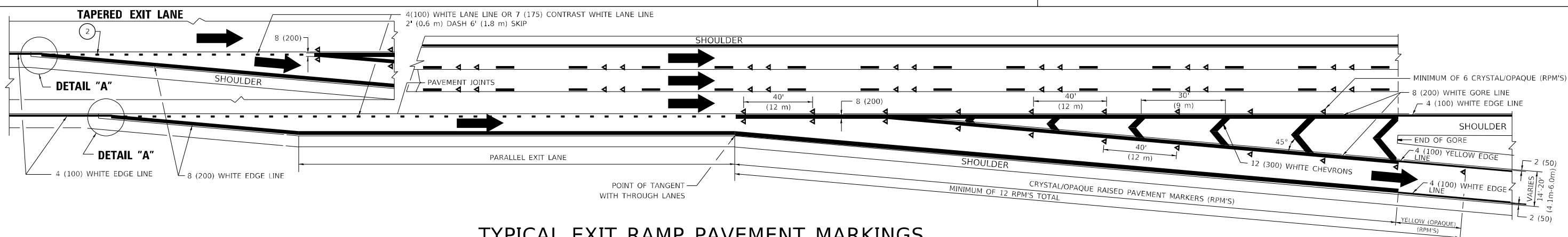
F.A.I. RTE. I-80	SECTION 2021-049-PP	COUNTY COOK	TOTAL SHEETS 134	SHEET NO. 120
TC-09		CONTRACT NO. 62N83		
ILLINOIS FED. AID PROJECT				



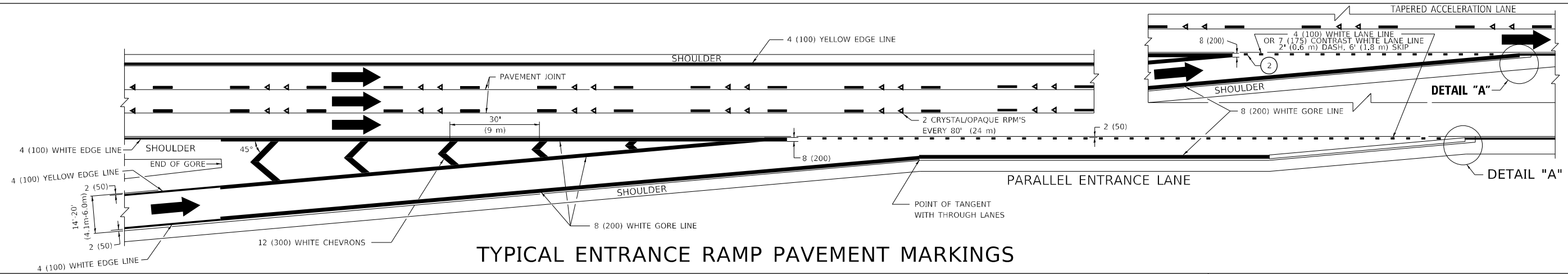
TYPICAL EDGE LINES & LANE LINES

PAVEMENT MARKING MATERIALS

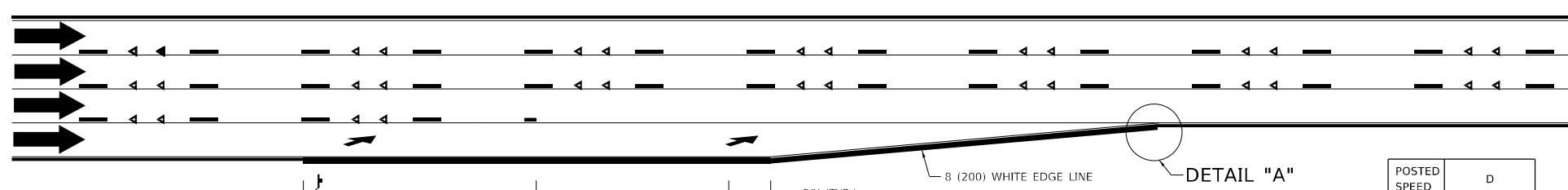
1. THERMOPLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR ALL EDGE LINES, GORE LINES, AND DIAGONAL LINES ON HMA PAVEMENTS.
2. POLYUREA OR MODIFIED URETHANE PAVEMENT MARKING LINE SHALL BE USED FOR ALL EDGE LINES, GORE LINES, AND DIAGONAL LINES ON PCC PAVEMENTS.
3. PREFORMED PLASTIC PAVEMENT MARKING LINE TYPE B, INLAID OR GROOVE IN, SHALL BE USED FOR ALL LANE LINES ON HMA PAVEMENTS.
4. CONTRAST PREFORMED PLASTIC PAVEMENT MARKING LINE TYPE B, GROOVE IN, SHALL BE USED FOR ALL LANE LINES ON PCC PAVEMENT.



TYPICAL EXIT RAMP PAVEMENT MARKINGS

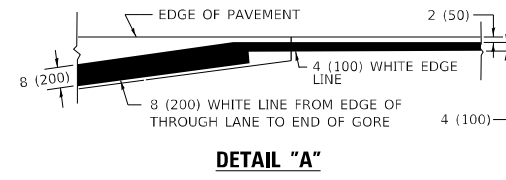


TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS



LANE REDUCTION PAVEMENT MARKINGS

POSTED SPEED LIMIT	D DISTANCE
45 MPH	750' (230 m)
55 MPH	950' (290 m)
65 MPH	1200' (365 m)



NOTES:

1. THE DIAGONAL LINES SHALL BE SPACED AT 40' (12 m) C-C ACROSS ALL STRUCTURES WHICH ARE 500' (150 m) OR LESS IN LENGTH. THE DIAGONAL LINES ARE NOT REQUIRED ON SHOULDERS WHICH ARE 6' (1.8 m) OR LESS IN WIDTH.
2. 4" (2' DASH, 6' SKIP) MARKING ON TAPERED ENTRANCE AND EXIT RAMP SHALL BE OMITTED ON TANGENT SECTIONS.

MODEL: Default FILE NAME: pav140800000.dwg PROJECT: I-80-PP-049-PP SECTION: TC-12 COUNTY: COOK CONTRACT NO. 62N83

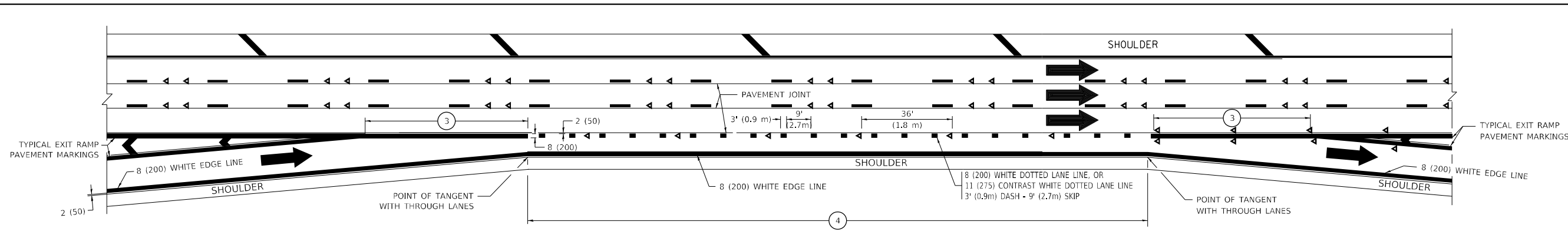
USER NAME = qureshiya	DESIGNED - D.W.S.	REVISED - S.P.B. 01-07
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED - S.P.B. 01-10
PLOT DATE = 5/13/2021	CHECKED -	REVISED - M.D. 05-13
	DATE - 01-90	REVISED - M.D. 09-17

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

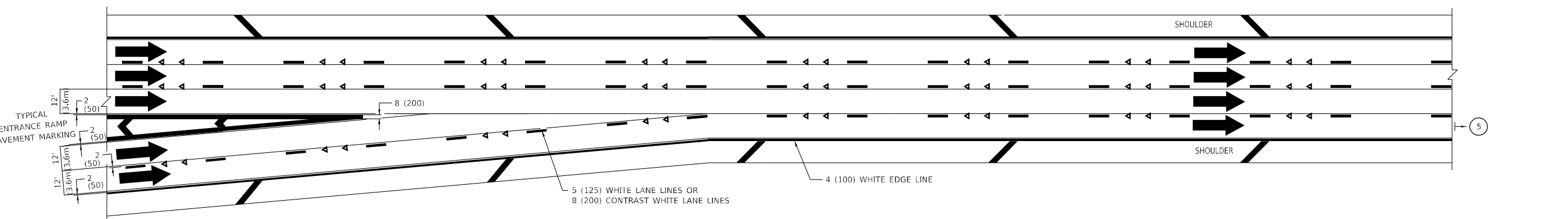
MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

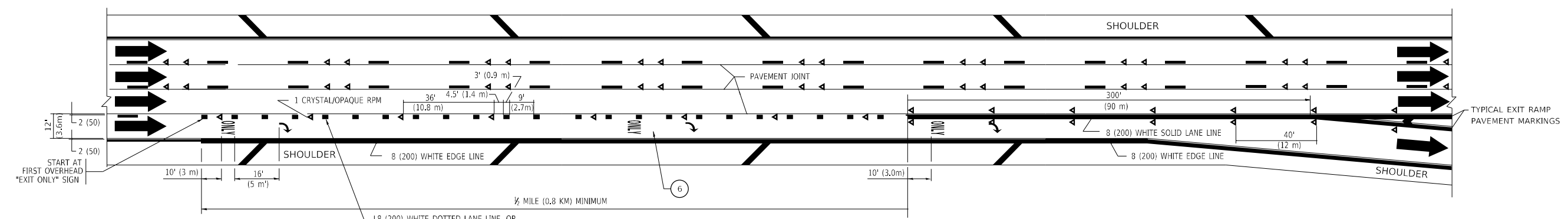
F.A.I. RTE. I-80	SECTION 2021-049-PP	COUNTY COOK	TOTAL SHEETS 134	SHEET NO. 121
TC-12			CONTRACT NO. 62N83	
ILLINOIS FED. AID PROJECT				



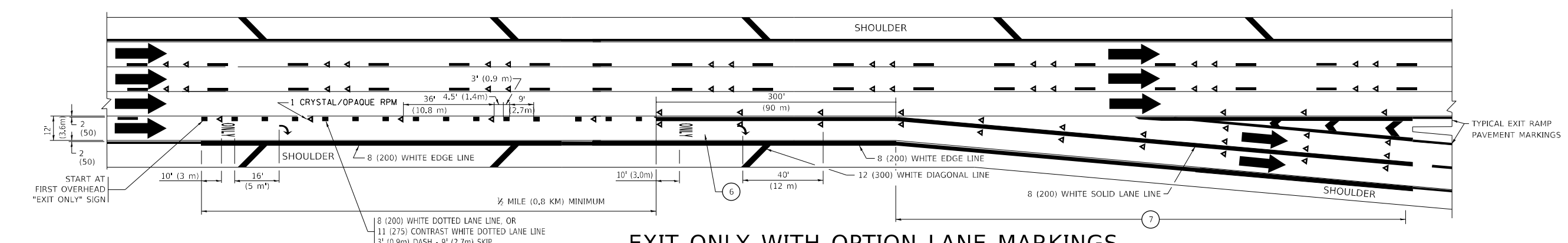
AUXILIARY LANE MARKINGS



TWO LANE ENTRANCE RAMP WITH MERGE MARKINGS



EXIT ONLY LANE MARKINGS



EXIT ONLY WITH OPTION LANE MARKINGS

- NOTES:**
- 3 OMIT WHEN LENGTH OF AUXILIARY LANE IS LESS THAN 500' (150 m).
 - 4 8-INCH WIDE DOTTED LANE LINE MARKINGS SHALL BE USED WHEN THE LENGTH OF THE AUXILIARY LANE IS 2 MILES OR LESS.
 - 5 FOR TWO-LANE ENTRANCE RAMP, IF RIGHT LANE ENDS, USE TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS.
 - 6 ONLY AND ARROWS EQUALLY SPACED, 500' (150 m) MAXIMUM SPACING. FULL SIZE LETTERS AND ARROW SHALL BE USED.
 - 7 CONTINUE 8" SOLID LANE LINE THROUGH EXIT TO END OF PAVED GORE.

MODEL: Default
 FILE: Multi-Lane-Freeway-Pavement-Markings-Details.dwg
 PROJECT: I-80 - I-55 Interchange - I-55/80 - I-55/80 Interchange - I-55/80 Interchange - I-55/80 Interchange
 DATE: 5/13/2021

USER NAME = qureshiya	DESIGNED - D.W.S.	REVISED - J.A.F. 02-06
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - S.P.B. 01-07
PLOT DATE = 5/13/2021	DATE - 01-90	REVISED - S.P.B. 01-10
		REVISED - M.D. 09-17

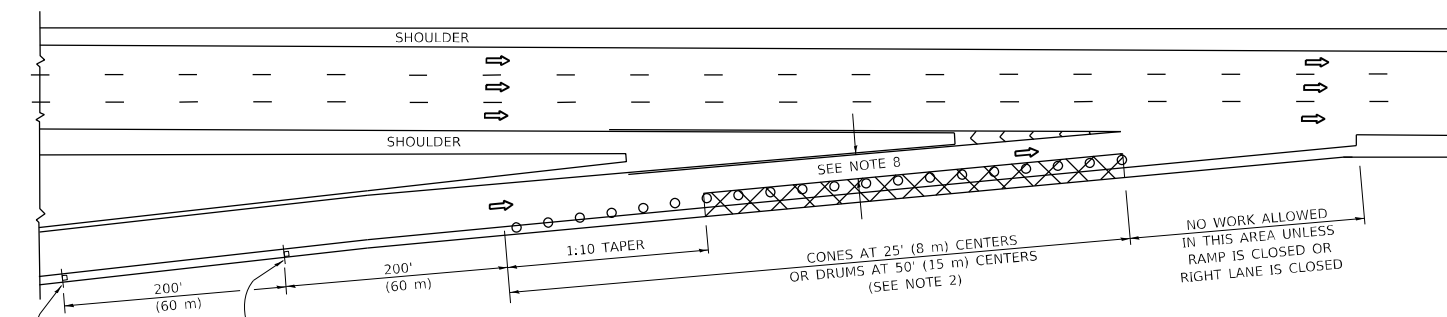
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS**

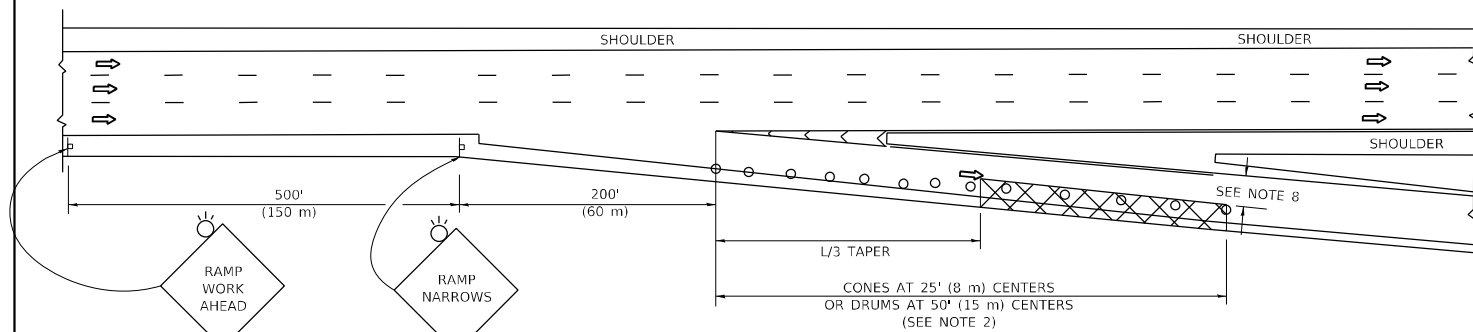
SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE. I-80	SECTION 2021-049-PP	COUNTY COOK	TOTAL SHEETS 134	SHEET NO. 122
TC-12		CONTRACT NO. 62N83		
ILLINOIS FED. AID PROJECT				

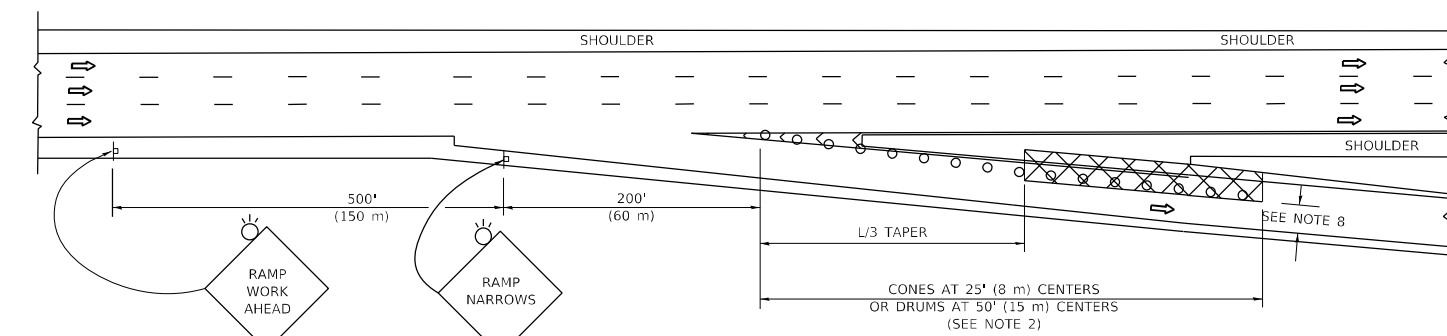
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

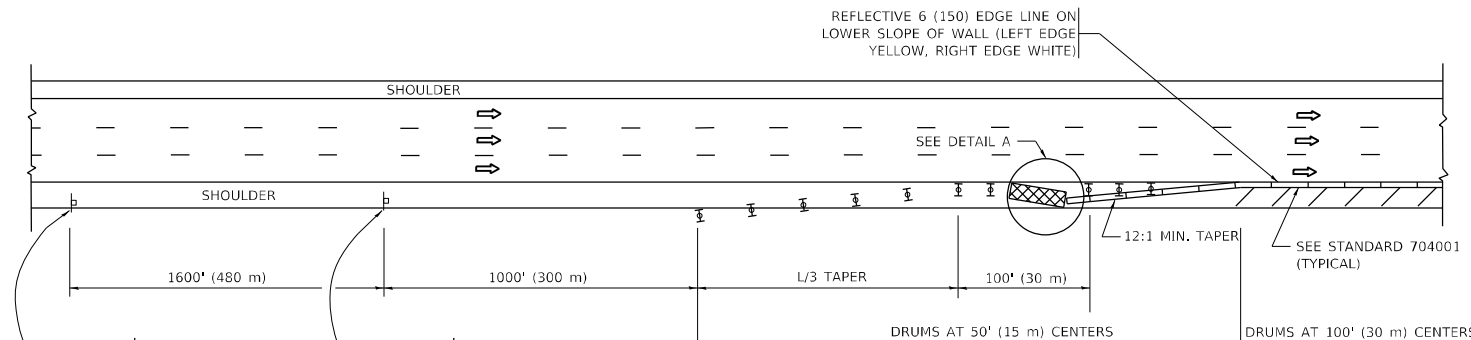
GENERAL NOTES:

- THE "L" DISTANCE EQUALS:

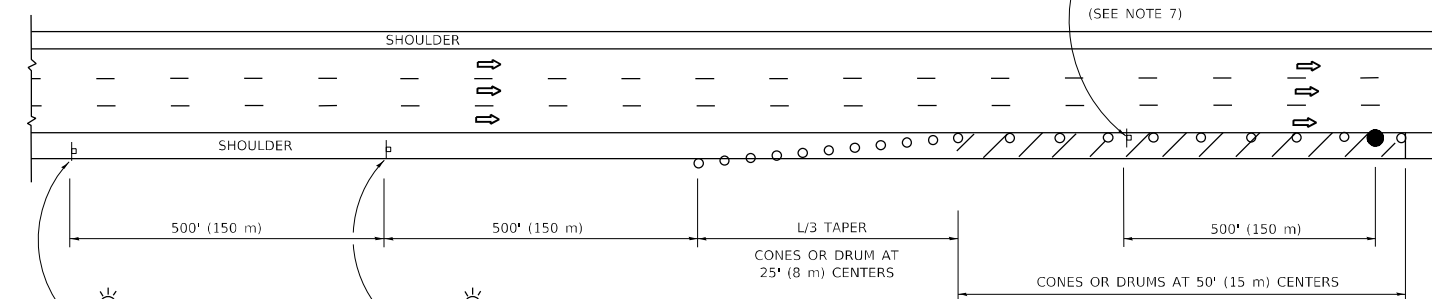
$L = \frac{W \cdot S}{S - 45}$	$L = \frac{W \cdot S}{S - 45}$	$L = \frac{W \cdot S}{S - 45}$
45 mph (80 km/h)	METRIC	ENGLISH
OR GREATER:	$L = 0.65(W/S)$	$L = (W/S)$

W = WIDTH OF OFFSET IN FEET (METERS)
 S = NORMAL POSTED SPEED MPH (KM/H)
- TYPE II BARRICADES OR DRUMS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES. TYPE II BARRICADES OR DRUMS WITH MONODIRECTIONAL STEADY BURN LIGHTS ARE REQUIRED FOR DELINEATING OBSTACLES, EXCAVATIONS, OR HAZARDS EXCEEDING 100 FT (30m) IN LENGTH AT NIGHT.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

SHOULDER CLOSURE DETAILS



PERMANENT SHOULDER CLOSURE



TEMPORARY SHOULDER CLOSURE

THIS DETAIL IS USED WHERE:
 1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCR OACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.



**DETAIL "A"
 IMPACT ATTENUATOR, TEMPORARY
 (SEE NOTE 5)**

- THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350/MASH.
- AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
- THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
 - FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
 - THE WORK AVTIVITY REQUIRES FREQUENT ENCR OACHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.
- 12' MIN. WIDTH TANGENT SECTION
 16' MIN. WIDTH CURVE SECTION.
- TEMPORARY SHOULDER AND NON-SYSTEM INTERCHANGE PARTIAL RAMP CLOSURES ARE ALLOWED WEEKDAYS BETWEEN 9:00 A.M. AND 3:00 P.M. AND BETWEEN 7:00 P.M. AND 5:00 A.M. OR AS APPROVED BY THE EXPRESSWAY TRAFFIC OPERATIONS ENGINEER. PERMANENT SHOULDER AND PARTIAL RAMP CLOSURES WILL ONLY BE PERMITTED IF CALLED FOR IN THE PLANS OR AS APPROVED BY THE EXPRESSWAY OPERATIONS ENGINEER.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

MODEL: Default
 FILE NAME: p:\mshroom\dot\illinois\dot\Documents\DOT-Office\Distric: 1\Project\I-80 - I-80\CD\Drawings\Drawings\Std.dwg
 PROJECT: I-80 - I-80\CD\Drawings\Drawings\Std.dwg

USER NAME = qureshiya	DESIGNED -	REVISED - S.P.B. 12-09
	DRAWN - D.W.S.	REVISED - M.D. 06-13
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - M.D. 01-18
PLOT DATE = 5/13/2021	DATE - 11-96	REVISED - M.D. 10-20

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

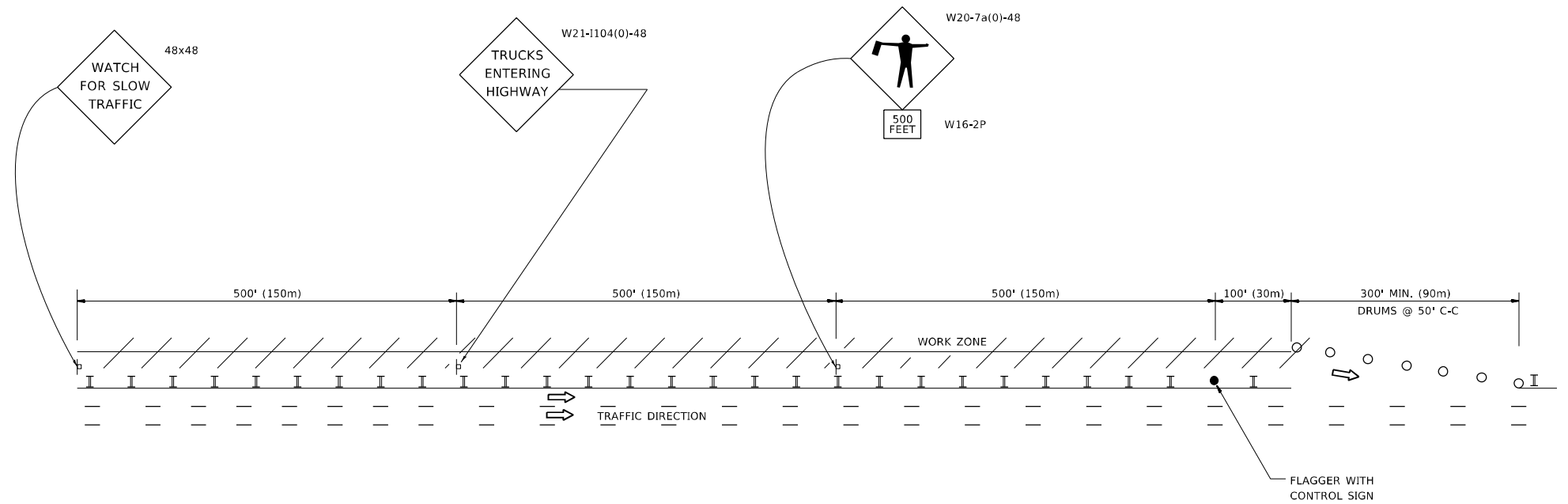
**TRAFFIC CONTROL DETAILS FOR FREEWAY
 SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

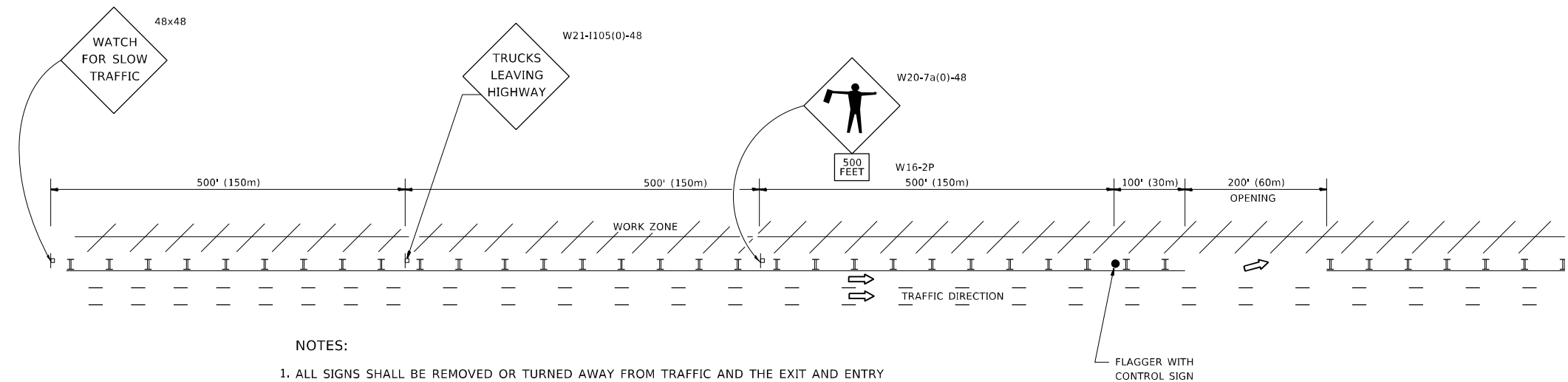
F.A.I. RTE. I-80	SECTION 2021-049-PP	COUNTY COOK	TOTAL SHEETS 134	SHEET NO. 123
TC-17		CONTRACT NO. 62N83		
ILLINOIS FED. AID PROJECT				

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



NOTES:

1. ALL SIGNS SHALL BE REMOVED OR TURNED AWAY FROM TRAFFIC AND THE EXIT AND ENTRY OPENINGS SHALL BE CLOSED WHEN THE FLAGGING OPERATION CEASES. NON OPERATING EQUIPMENT SHALL COMPLY WITH ARTICLE 701.11
2. WORK ZONE OPENINGS SHALL BE A MINIMUM OF ONE HALF MILE APART AND A MINIMUM OF ONE QUARTER MILE FROM ALL ENTRANCE AND EXIT RAMPS.
3. EXITING THE WORK ZONE AT ANY PLACE OTHER THAN AT A WORK ZONE EXIT OPENING WILL BE PROHIBITED.
4. ALL VEHICLES SHALL ENTER THE WORK ZONE AT ENTRY OPENINGS, USING THEIR TURN SIGNALS TO WARN MOTORISTS
5. FLAGGERS SHALL NOT STOP TRAFFIC OR DIRECT TRAFFIC INTO AN ADJACENT LANE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

MODEL: Default
FILE NAME: p:\mhammond.dwt\illinois.gov\PIWDOT\Documents\DOT_Offices\Distric: 1\Project\14-80 - I-80\CD\Drawings\Signage\Distric5.dwg

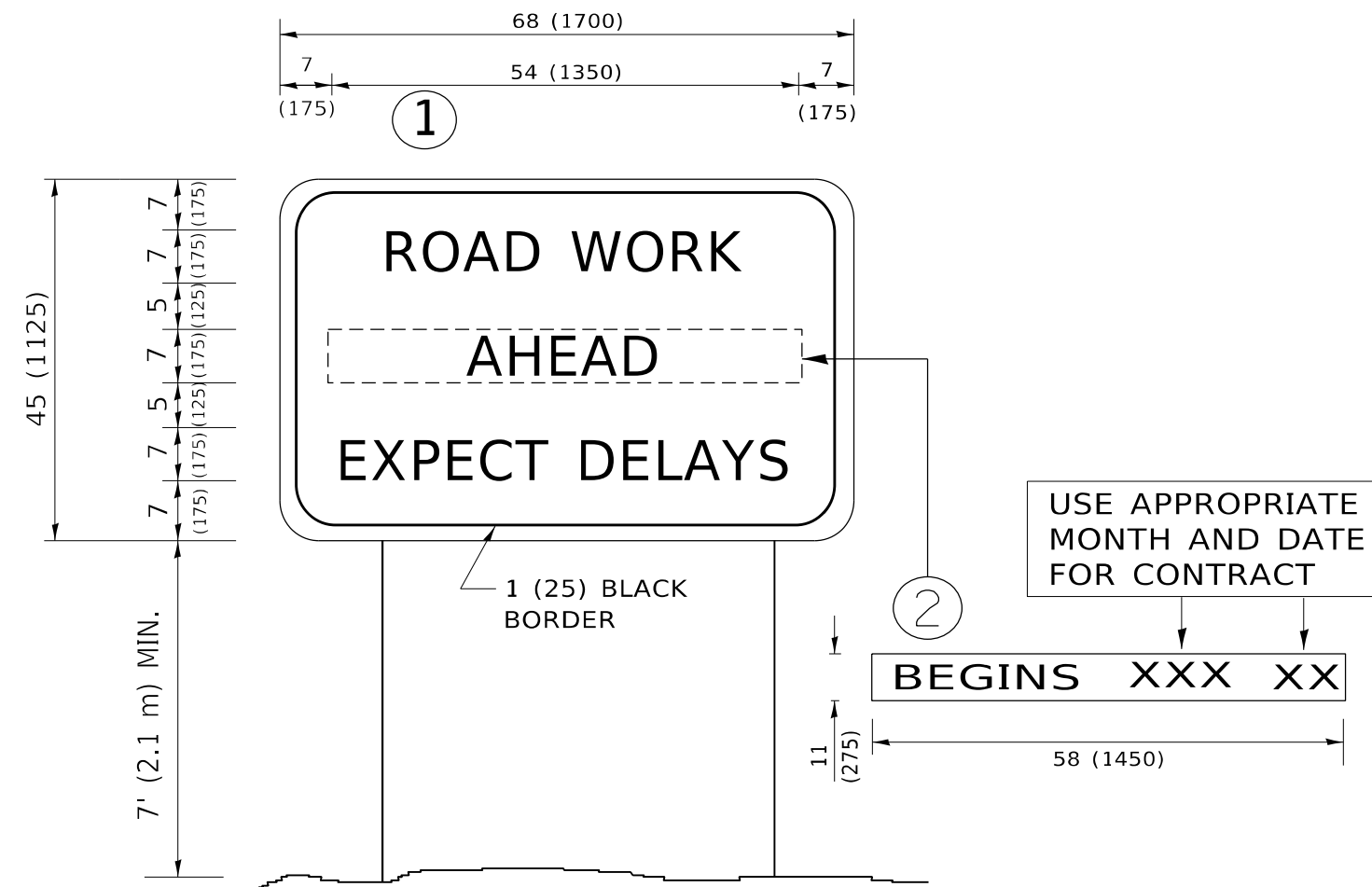
USER NAME = qureshiya	DESIGNED -	REVISED - J.A.F. 02-06
	DRAWN -	REVISED - S.P.B. 01-07
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - S.P.B. 12-09
PLOT DATE = 5/13/2021	DATE -	REVISED - M.D.06-13

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FREEWAY /EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS
AT WORK ZONE OPENINGS ON FREEWAYS /EXPRESSWAYS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	2021-049-PP	COOK	134	124
TC-18			CONTRACT NO. 62N83	
ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

MODEL: Default
 FILE NAME: p:\pub\mroom.dwt\illinois.gov\PWIDOT\Documents\DOT_Offices\Distric_1\Project\I-80 - I-80\CAD\Drawings\Signs\Std.dgn

USER NAME = qureshiya	DESIGNED -	REVISED - R. MIRS 09-15-97
PLOT SCALE = 100,0000 ' / in.	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT DATE = 5/13/2021	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	DATE -	REVISED - C. JUCIUS 01-31-07

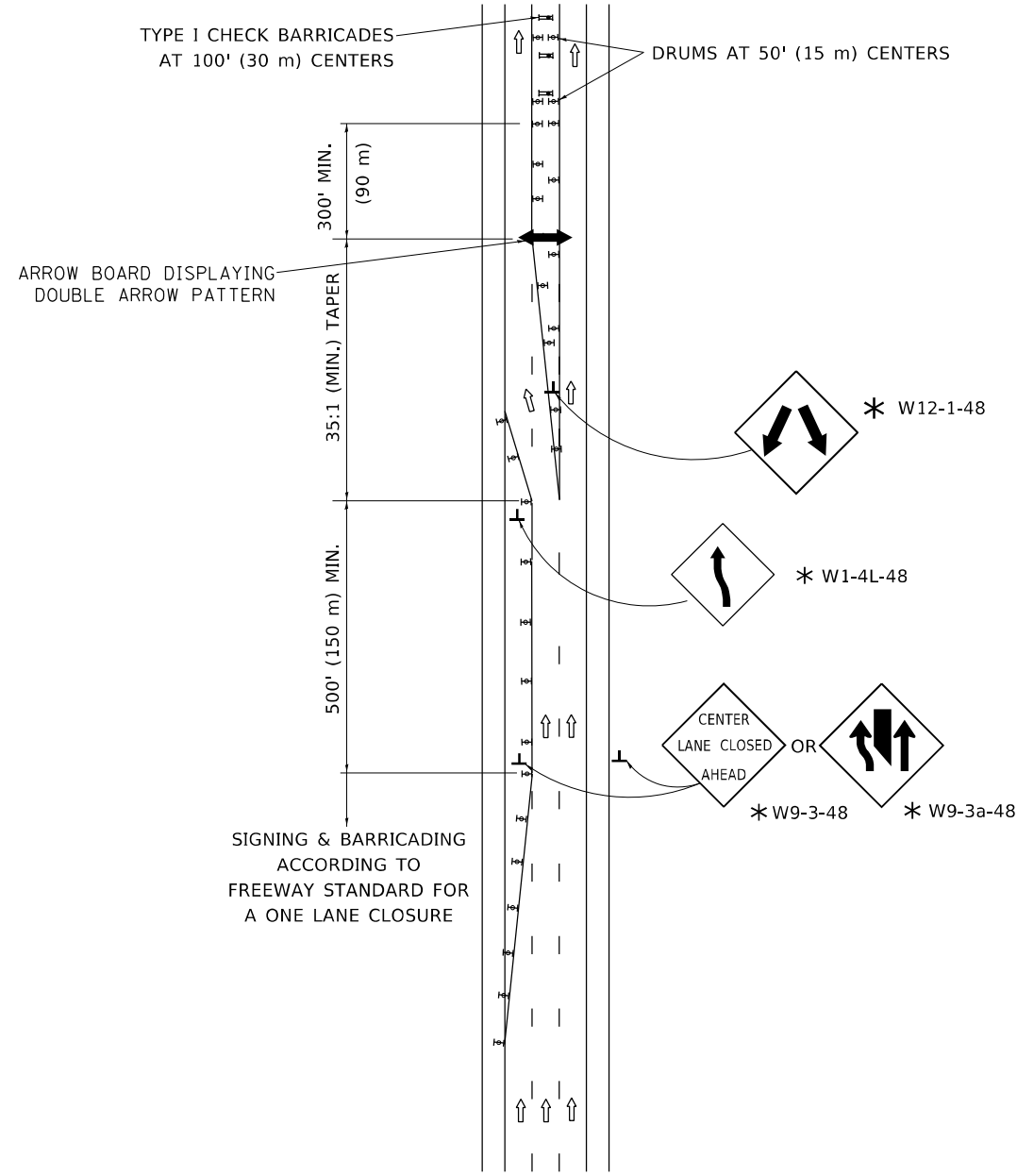
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

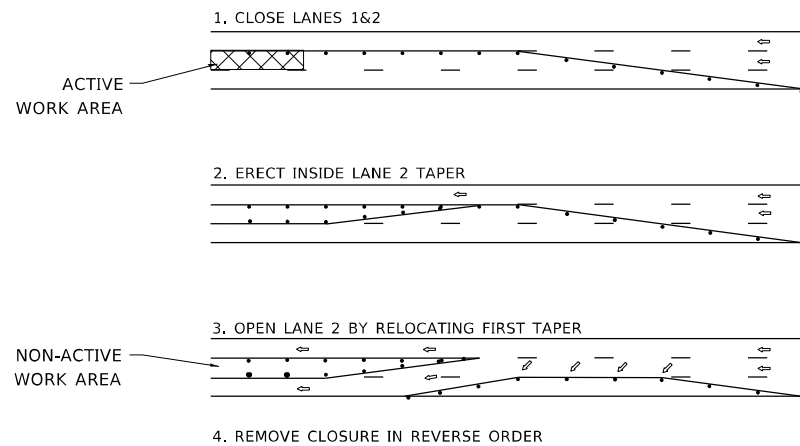
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE. I-80	SECTION 2021-049-PP	COUNTY COOK	TOTAL SHEETS 134	SHEET NO. 125
TC-22		CONTRACT NO. 62N83		
ILLINOIS FED. AID PROJECT				

CENTER LANE CLOSURE



INSTALLATION SEQUENCE

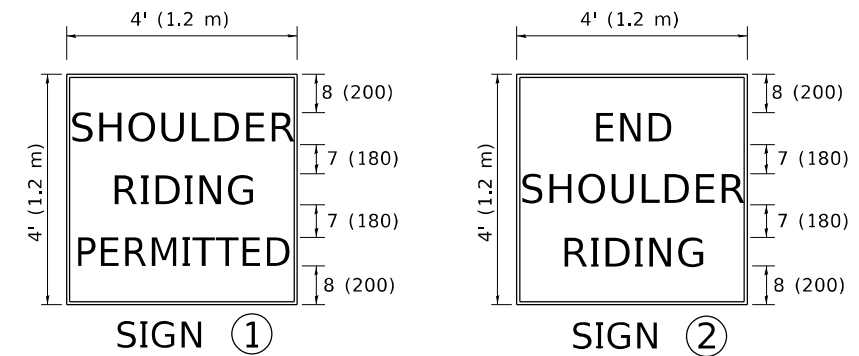
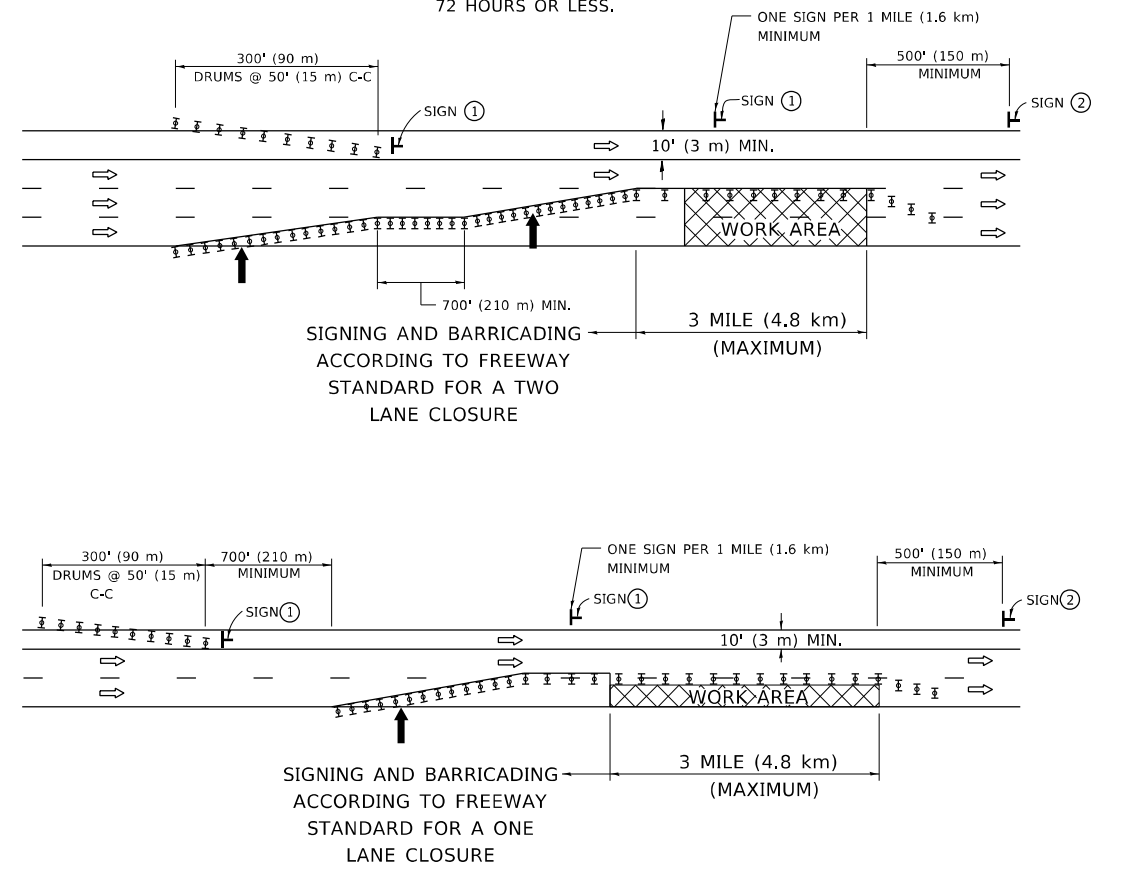


NOTES:

- DRUMS WITH STEADY BURN LIGHTS SHALL BE USED AT 50' (15 m) CENTERS ON ALL TAPERS AND TANGENTS IN ADVANCE OF WORK AREA.
- CLOSURE SHALL BE USED ONLY FOR OPERATIONS LASTING 72 HOURS OR LESS.
- CENTER LANE CLOSURE CONFIGURATION IS NOT TO BE USED WITH WORKERS PRESENT.

SHOULDER LANE

NOTE:
CLOSURE SHALL BE USED ONLY FOR OPERATIONS LASTING 72 HOURS OR LESS.



6 (150) SERIES "C" LEGEND
BLACK LEGEND
WHITE REFLECT. BACKGROUND
1 (25) BORDER

SYMBOLS

- ↑ DIRECTION OF TRAFFIC
- ➔ ARROWBOARD
- ▦ ACTIVE WORK AREA
- ⊥ SIGN ON PORTABLE OR PERMANENT SUPPORT *
- ⊥ TYPE II BARRICADE, OR DRUM WITH MONO-DIRECTIONAL STEADY BURN LIGHT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

* ALL SIGNS SHALL BE MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).

MODEL: Default
FILE NAME: \\p11n1c001\work\p11n1c001\DOT Documents\DOT Office\Drawings\1\Project\I-80 - I-80\CD\Drawings\Drawings\Std.dwg

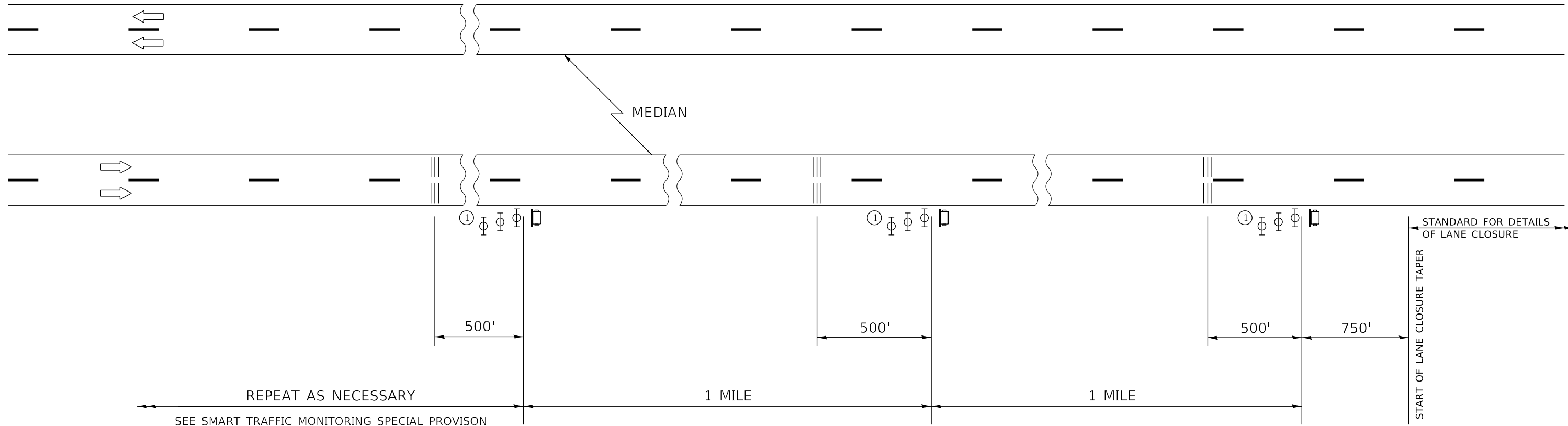
USER NAME = qureshiya	DESIGNED -	REVISED - J.A.F. 04-03
	DRAWN -	REVISED - S.P.B. 01-07
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - S.P.B. 12-09
PLOT DATE = 5/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION




TRAFFIC CONTROL DETAILS FOR FREEWAY
CENTER LANE CLOSURE SHOULDER LANE

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE. I-80	SECTION 2021-049-PP	COUNTY COOK	TOTAL SHEETS 134	SHEET NO. 126
TC-25		CONTRACT NO. 62N83		
ILLINOIS FED. AID PROJECT				



SYMBOLS

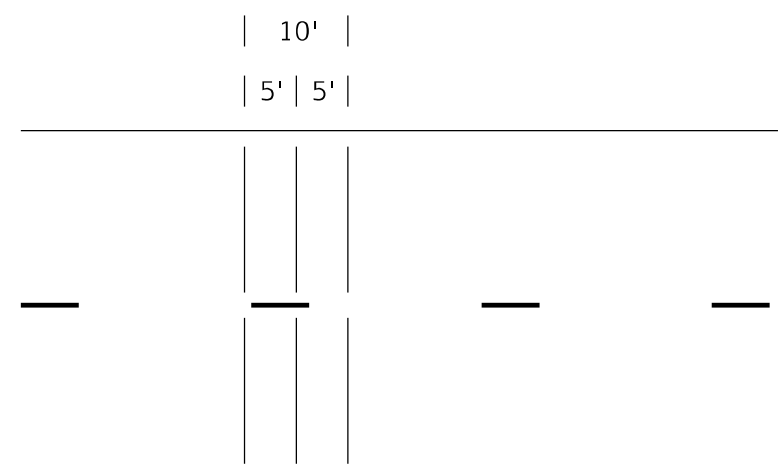
-  PORTABLE CHANGEABLE MESSAGE SIGN
-  TEMPORARY RUMBLE STRIP (SPECIAL)
-  TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES WITH MONODIRECTIONAL FLASHING LIGHT.

① THREE TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 25' (8 m) CENTERS.

GENERAL NOTE:

THIS DETAIL IS TO BE USED IN CONJUNCTION WITH SMART TRAFFIC MONITORING SYSTEM AND TEMPORARY RUMBLE STRIP (SPECIAL) SPECIAL PROVISIONS.

TRAFFIC CONTROL SHOWN IN THIS DETAIL IS TO BE PROVIDED IN ADDITION TO ANY TEMPORARY TRAFFIC CONTROL SHOWN ON STATE STANDARDS, DISTRICT DETAILS, AND MAINTENANCE OF TRAFFIC PLANS.



TEMPORARY RUMBLE STRIP (SPECIAL)

SMART TRAFFIC MONITORING SYSTEM TYPICAL LAYOUT

TC-33

MODEL: Default
 FILE NAME: p:\u0000\m0000\dot\illinois\dot\pww\dot\Documents\DOT_Offices\District_1\Projects\IP103218\CADD\DATA\Design\IP103218-21-21-21.dgn

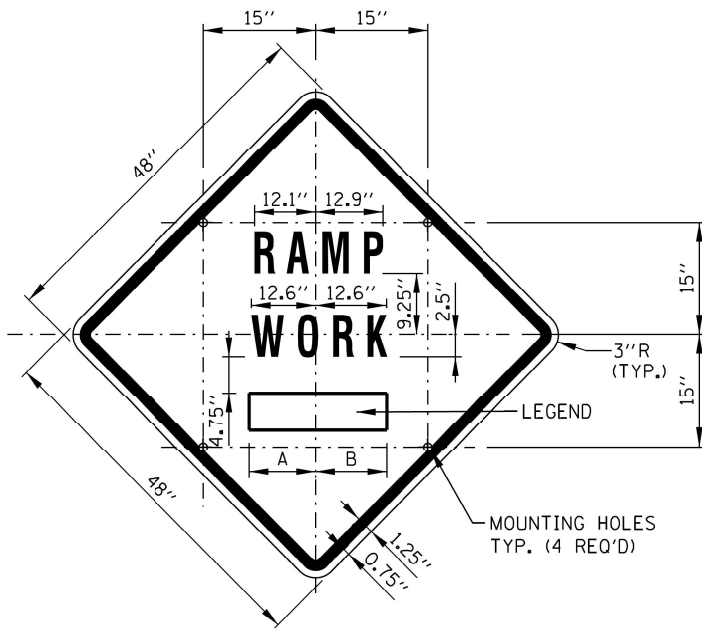
USER NAME = paraynoal	DESIGNED - MATTHEW DAEDA	REVISED -
	DRAWN - ALAN PARAYNO	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/19/2021	DATE - 06-89	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART TRAFFIC MONITORING SYSTEM
TYPICAL LAYOUT

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

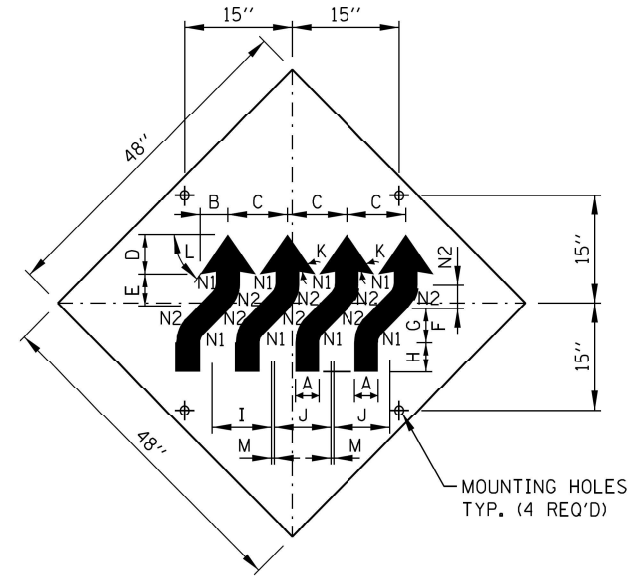
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2021-049-PP	COOK	134	127
TC-33			CONTRACT NO. 62N83	
ILLINOIS FED. AID PROJECT				



SIGN TS-2 (O)

COLOR: BACKGROUND - FLUORESCENT ORANGE (O)
 BORDER AND SYMBOL - BLACK
 SIZE: 48"x48"
 LETTERING: 7" FEDERAL SERIES D
 MOUNTING HOLES: 7/16" DIA., 4 HOLES SPACED AS SHOWN

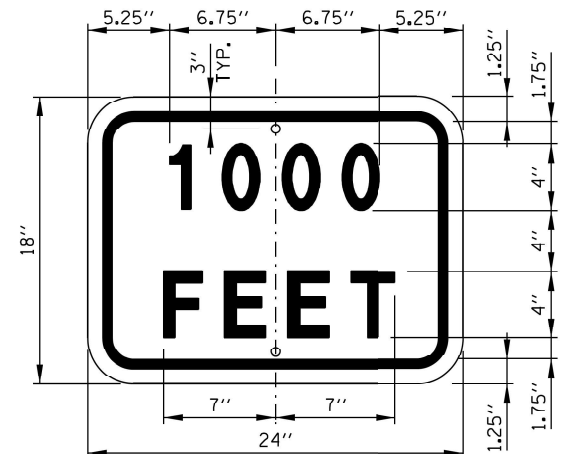
SIGN NO.	LEGEND	A	B
TS-2A	AHEAD	15.50"	15.50"
TS-2B	500 FT	14.25"	15.13"
TS-2C	1000 FT	14.88" L2	15.75" L2
TS-2D	1500 FT	14.88" L2	15.75" L2
TS-2E	1/2 MILE	15.75" L3	15.75" L3
TS-2F	1 MILE	13.06"	13.06"



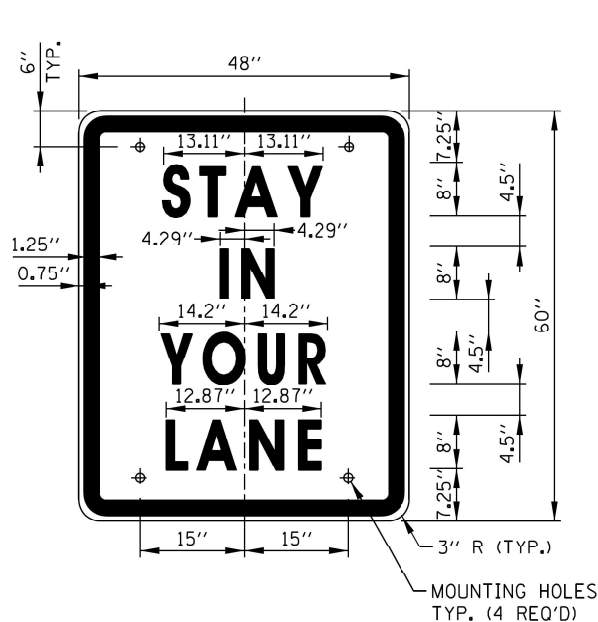
SIGN W1-4dR (O)

COLOR: BACKGROUND-FLUORESCENT ORANGE (O)
 TYPE A REFLECTIVE
 SHEETING PER STANDARD
 SPECIFICATIONS (*A)
 BORDER AND LETTERS-BLACK
 SIZE: 48"x48"
 MOUNTING HOLES: 7/16" DIA., 4 HOLES SPACED AS SHOWN.

A	4 1/2"
B	5 3/4"
C	12 1/2"
D	7 3/4"
E	6 1/2"
F	4 1/2"
G	6 1/2"
H	6"
I	12 3/4"
J	12"
K	45°
L	55°
M	3/4"
N1	2"
N2	6 1/2"

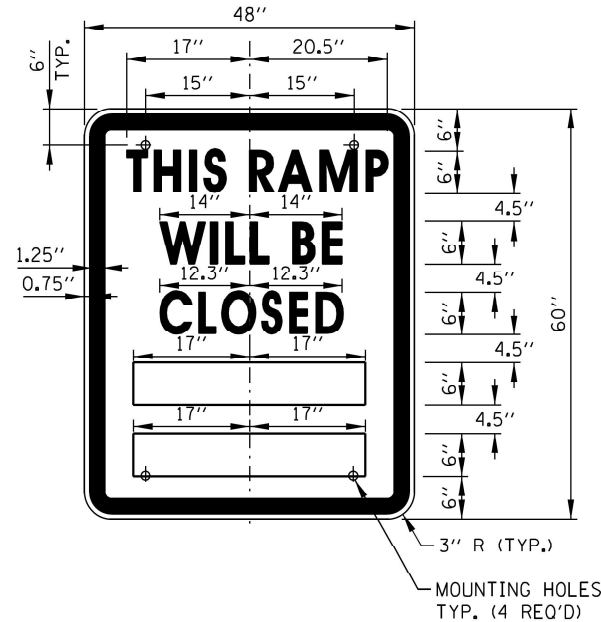


COLOR: BACKGROUND - FLUORESCENT ORANGE (O)
 BORDER AND LETTERS - BLACK
 SIZE: 24"x18"
 LETTERING: 4" FEDERAL SERIES D
 MOUNTING HOLES: 7/16" DIA., 2 HOLES SPACED AS SHOWN



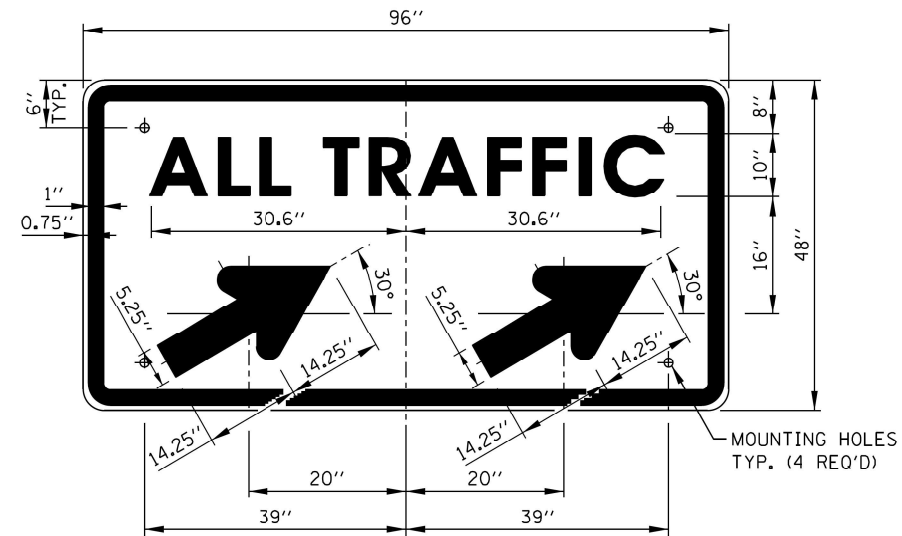
SIGN TS-3

COLOR: BACKGROUND - WHITE (REFLECTORIZED) (*A)
 BORDER AND LETTERS - BLACK
 SIZE: 48"x60"
 LETTERING: LEGEND - 8" FEDERAL SERIES D
 MOUNTING HOLES: 7/16" DIA., 4 HOLES, SPACED AS SHOWN



SIGN TS-4

COLOR: BACKGROUND - WHITE (REFLECTORIZED) (*A)
 BORDER AND LETTERS - BLACK
 SIZE: 48"x60"
 LETTERING: LEGEND - 6" FEDERAL SERIES C
 MOUNTING HOLES: 7/16" DIA., 4 HOLES, SPACED AS SHOWN



SIGN TS-5a & TS-5b

COLOR: BACKGROUND - WHITE (REFLECTORIZED) (*A)
 BORDER AND LETTERS - BLACK
 ARROW - BLACK
 SIZE: 96"x48"
 LETTERING: 10" FEDERAL SERIES D
 MOUNTING HOLES: 7/16" DIA., 4 HOLES, SPACED AS SHOWN
 NOTE: SIGN TS-5a IS SHOWN, SUBSTITUTE LEGEND "▲" FOR "▲" FOR SIGN TS-5b

NOTES:

- ALL LETTERING IS DESIGNATED BY SIZE AND SERIES IN ACCORDANCE WITH THE LATEST EDITION OF "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS" AS PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION. LETTERING SPACING SHALL BE IN ACCORDANCE WITH THIS GUIDE EXCEPT WHERE NOTED.
- SYMBOLS AND ARROWS SHALL CONFORM TO THE DETAILS SHOWN IN THE LATEST EDITION OF "STANDARD HIGHWAY SIGNS" AS PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION.
- SEE THE CONTRACT REQUIREMENTS FOR ADDITIONAL NOTES AND SPECIFICATIONS.
 (O) FLUORESCENT ORANGE REFLECTIVE SHEETING PER THE STANDARD SPECIFICATIONS.
 (*A) - REFLECTIVE SHEETING PER THE STANDARD SPECIFICATIONS.
- DIMENSIONS INDICATED THUS L ARE BASED ON A REDUCTION IN STANDARD LETTERING SPACING AS SHOWN BELOW:
 L1 SPACING REDUCED BY 25%
 L2 SPACING REDUCED BY 40%
 L3 SPACING REDUCED BY 50%

SHEET 1 OF 2

RAMP CLOSURE ADVANCE INFORMATION SIGN

THE VARIABLE MESSAGE WITH DATES FOR THE BOTTOM TWO LINES SHALL BE DETERMINED BY THE ENGINEER AND GIVEN TO THE CONTRACTOR BEFORE THE REQUIRED FIELD ERECTION DATE.

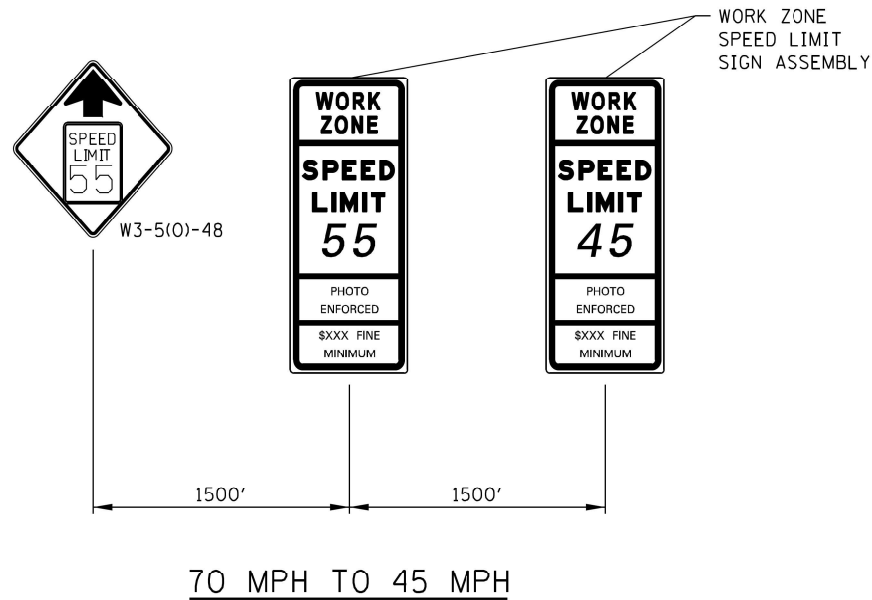
DATE	REVISIONS
11-01-12	DELETED SIGN TS-1
03-31-14	REVISED FINE SIGN NUMBER AND ADDED LED SPEED LIMIT DISPLAY
3-11-2015	REVISED NOTES
3-31-2017	REVISED END WZSL SIGN COLOR
3-01-2019	REMOVED STANDARD IDOT SIGNS, REVISED WZSL ASSEMBLY, ADDED WZSL TRANSITION



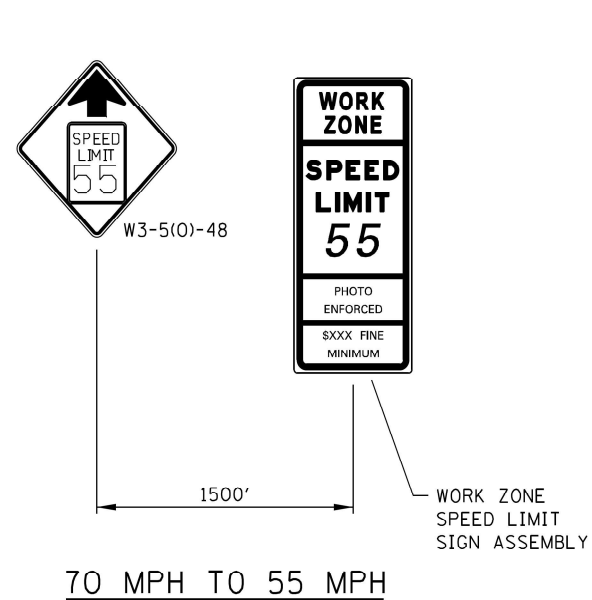
CONSTRUCTION SIGNS

STANDARD E1-07

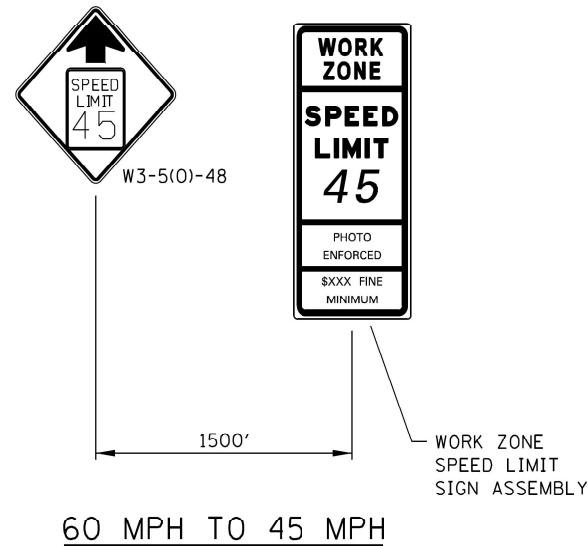
APPROVED: *Paul Kovacs* DATE 5-1-2009
 CHIEF ENGINEERING OFFICER



70 MPH TO 45 MPH

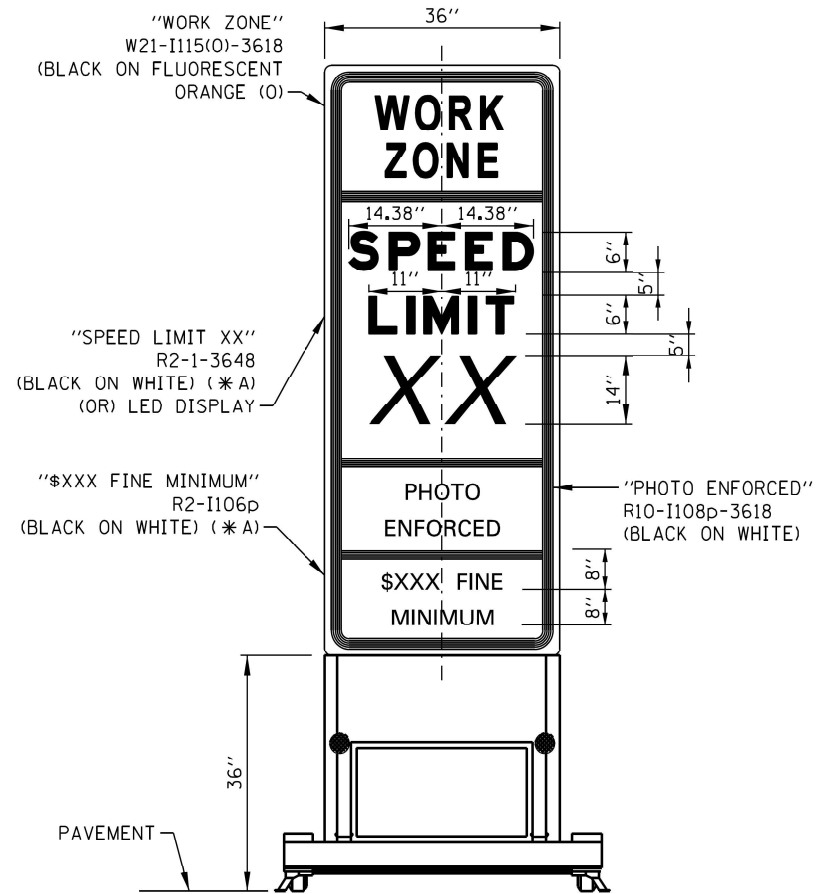


70 MPH TO 55 MPH

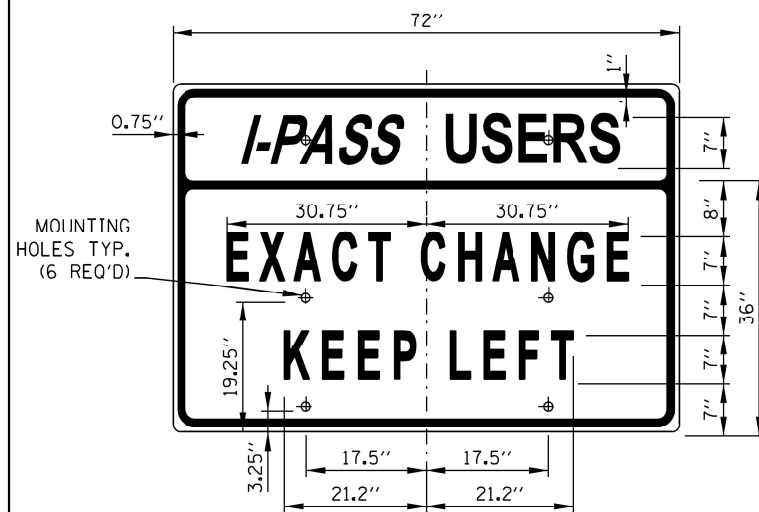


60 MPH TO 45 MPH

WORK ZONE SPEED LIMIT TRANSITION SIGNAGE

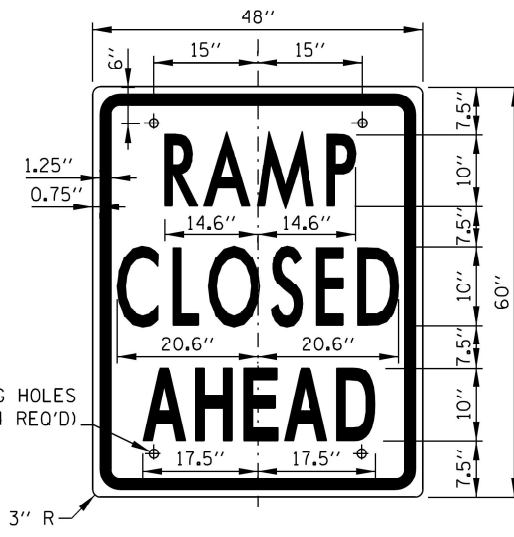


WORK ZONE SPEED LIMIT SIGN ASSEMBLY



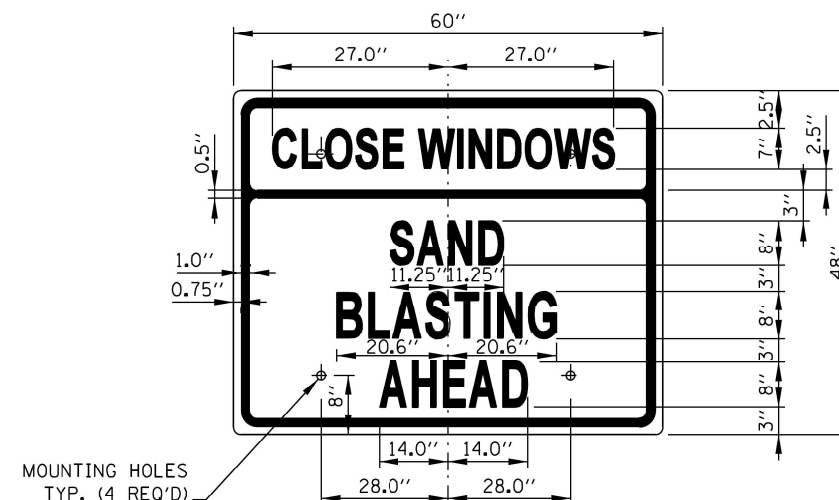
SIGN TS-7

COLOR: BACKGROUND - WHITE (REFLECTORIZED) (* A)
 BORDER AND LETTERS - BLACK
 SIZE: 72"x36"
 LETTERING: 7" FEDERAL SERIES C
 MOUNTING HOLES: 7/16" DIA., 4 HOLES SPACED AS SHOWN



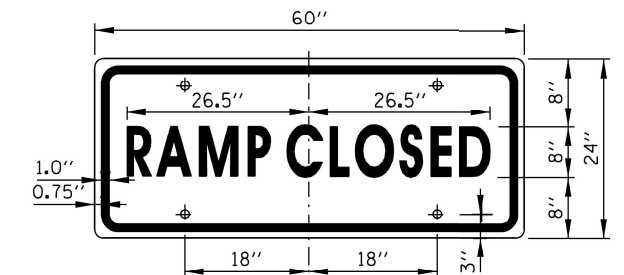
SIGN TS-9

COLOR: BACKGROUND - WHITE (REFLECTORIZED) (* A)
 BORDER AND LETTERS - BLACK
 SIZE: 48"x60"
 LETTERING: 10" FEDERAL SERIES C
 MOUNTING HOLES: 7/16" DIA., 4 HOLES SPACED AS SHOWN



SIGN TS-10 (O)

COLOR: BACKGROUND - FLUORESCENT ORANGE (O)
 BORDER AND LETTERS - BLACK
 SIZE: 60"x48"
 LETTERING: 8" FEDERAL SERIES C, 7" FEDERAL SERIES B
 MOUNTING HOLES: 7/16" DIA., 4 HOLES SPACED AS SHOWN



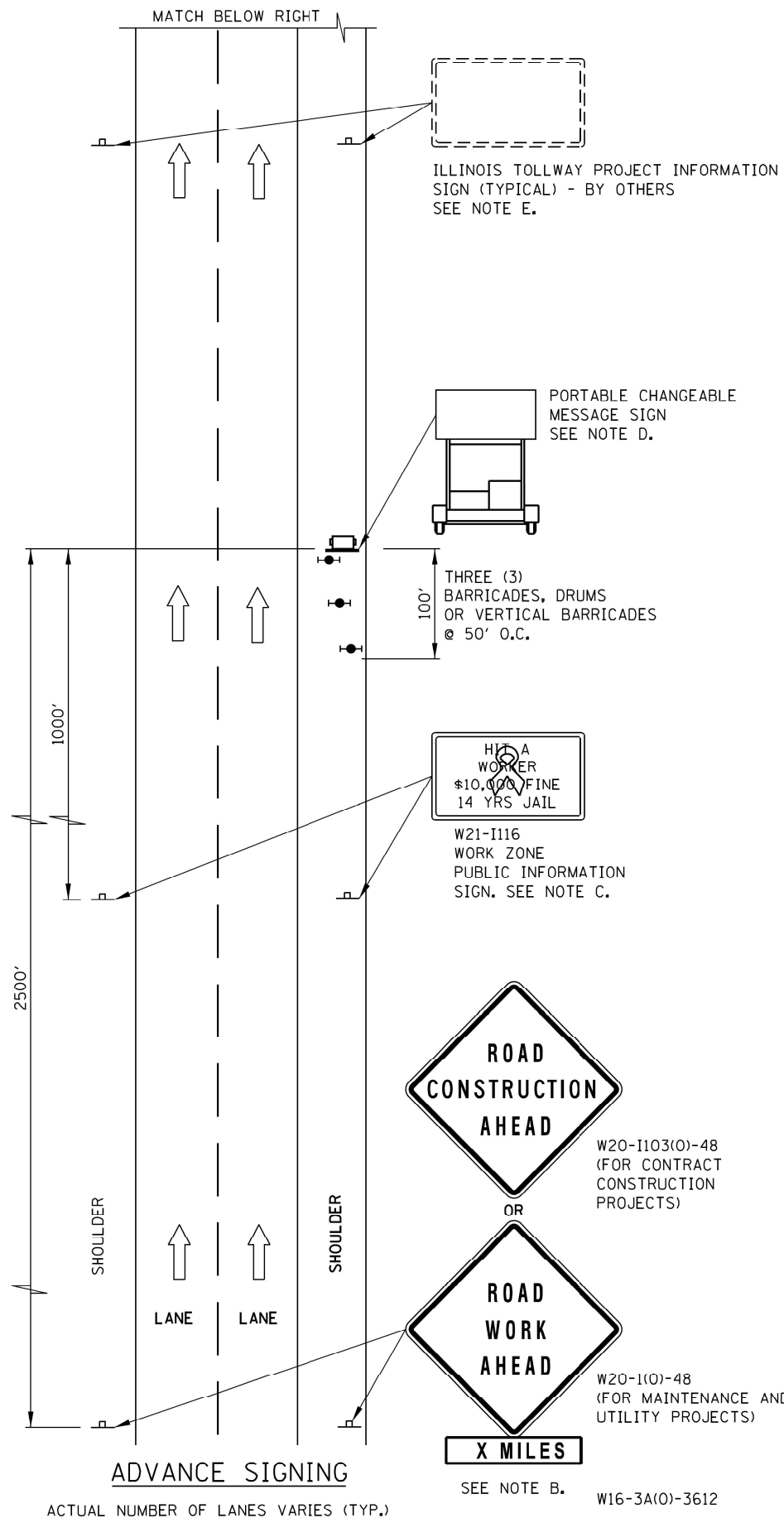
SIGN TS-6

COLOR: BACKGROUND - WHITE (REFLECTORIZED) (* A)
 BORDER AND LETTERS - BLACK
 SIZE: 60"x24"
 LETTERING: 8" FEDERAL SERIES C
 MOUNTING HOLES: 7/16" DIA., 4 HOLES SPACED AS SHOWN



APPROVED: *Paul Kovacs* DATE 5-1-2009
 CHIEF ENGINEERING OFFICER

NOTE:
 SEE SHEET 1 OF THIS SERIES FOR NOTES.



ADVANCE SIGNING NOTES:

- A. THE ADVANCE SIGNING SHOWN ON THIS STANDARD SHALL APPLY ANY TIME THE CONTRACTOR CLOSES ONE OR MORE LANES, OR IS REQUIRED TO SHIFT THE LANE ALIGNMENT. THE "ROAD WORK AHEAD" OR "ROAD CONSTRUCTION AHEAD" SIGNS, WORK ZONE PUBLIC INFORMATION SIGNS AND PORTABLE CHANGEABLE MESSAGE ARE STATIONARY.
- B. THE ROAD CONSTRUCTION AHEAD SIGN (W20-1A, WITH W16-3a SUPPLEMENTAL PLATE) OR ROAD WORK AHEAD SIGN (W20-1, WITH W16-3A SUPPLEMENTAL PLATE) SHALL BE LOCATED UP TO 5 MILES IN ADVANCE OF THE PROJECT LIMITS, WITH THE LOCATION BEING DETERMINED BY THE ENGINEER.
- C. THE WORK ZONE PUBLIC INFORMATION SIGN IS 60" WIDE BY 48" HIGH. THE CONTRACTOR SHALL OBTAIN THE CAMERA-READY ARTWORK REQUIRED FOR THE SIGN MESSAGE BY CONTACTING IDOT'S CENTRAL BUREAU OF OPERATIONS.
- D. THE PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE USED TO DISPLAY THE STATUS OF LANE WITHIN THE CONTRACT LIMITS. THE PRIMARY MESSAGES SHALL BE: "RIGHT LANE(S) CLOSED" / "X MILES AHEAD", "LEFT LANE(S) CLOSED" / "X MILES AHEAD", "LANE(S) SHIFT" / "X MILES AHEAD", "ALL LANES OPEN". THE PORTABLE CHANGEABLE MESSAGE SIGN MAY BE MOVED TO THE MEDIAN SHOULDER WHEN THE LANE CLOSURES ARE ON THE LEFT, PROVIDED THE EXISTING SHOULDER WIDTH IS ADEQUATE.
- E. THE ILLINOIS TOLLWAY WILL FURNISH AND INSTALL STATIC PROJECT INFORMATION SIGNS IN ADVANCE, THROUGH AND AT THE END OF THE WORK ZONE. THESE SIGNS WILL BE INSTALLED ALONG THE OUTSIDE SHOULDER WITH THE ADVANCE SIGNS LOCATED BEYOND THE PORTABLE CHANGEABLE MESSAGE SIGN. THE ENGINEER AND CONTRACTOR SHALL COORDINATE WITH THE ILLINOIS TOLLWAY REGARDING THE LOCATION OF THESE SIGNS AND NOTIFY THE ILLINOIS TOLLWAY OF ANY DAMAGE TO THE SIGNS OR SUPPORTS.

LEGEND

- ARROW BOARD
- WORK AREA
- SIGN
- DIRECTION INDICATOR BARRICADE WITH SEQUENTIAL FLASHING WARNING LIGHT
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- FLAGGER WITH TRAFFIC CONTROL SIGN
- WORKER
- LANE CLOSED
- CHECK BARRICADE
- TRUCK MOUNTED ATTENUATOR



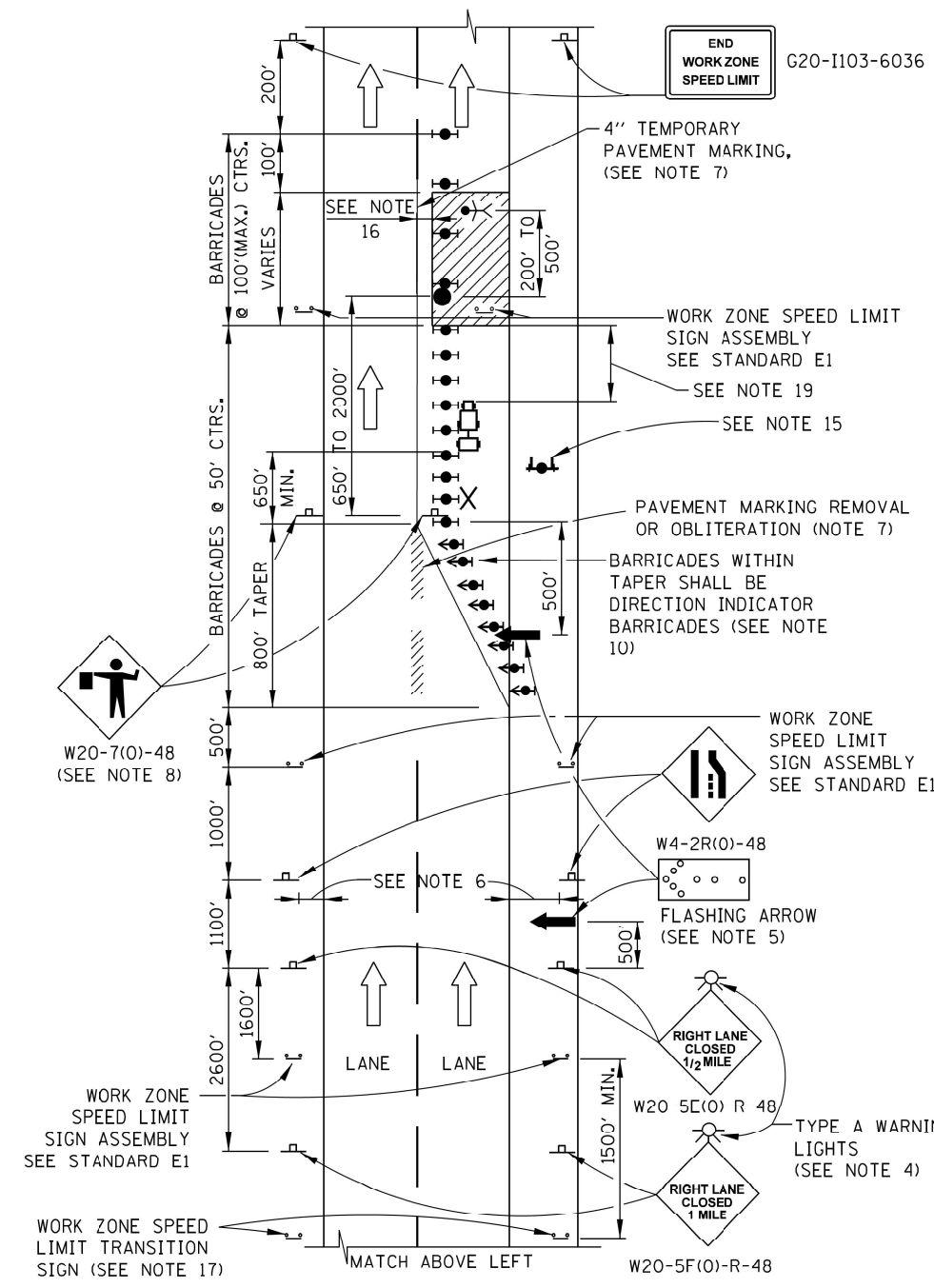
DATE	REVISIONS
3-31-2016	ADDED LANE CLOSURE WITH BARRIER AND ADDED SEQUENTIAL FLASHING WARNING LIGHT.
3-31-2017	ADDED TAPER RATE TABLE
3-01-2019	RE-ARRANGED DETAILS, REVISED NOTE 17, ADDED NOTES 18 & 19, ADDED TMA

APPROVED: *Paul Kovacs* DATE 5-1-2009
CHIEF ENGINEERING OFFICER

LANE CLOSURE NOTES:

- IF CLOSURES ARE EXPECTED TO PRODUCE TRAFFIC BACKUPS EXTENDING BEYOND THE FIRST WARNING SIGN SHOWN ON THE DETAILS, ADDITIONAL UPSTREAM SIGNS SHALL BE PLACED SO THAT THE TRAFFIC CONTROL ZONE ENCOMPASSES THE ANTICIPATED BACKUP ZONE.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- THESE DETAILS ALSO APPLY TO OPPOSITE HAND LANE CLOSURES BY CHANGING SIGN LEGENDS AND ARROW DIRECTIONS TO INDICATE THE APPROPRIATE CLOSURE.
- FOR NIGHT TIME CLOSURES, ONE TYPE A WARNING LIGHT SHALL BE INSTALLED ABOVE EACH OF THE 1 MILE AND 1/2 MILE ADVANCE WARNING SIGNS. FOR DAYLIGHT-ONLY CLOSURES, THE LIGHTS MAY BE OMITTED.
- FOR ANY LANE CLOSURE, FLASHING ARROW BOARDS SHALL BE REQUIRED AND IN OPERATION AT ALL TIMES. THE FLASHING ARROW BOARD IN ADVANCE OF THE TAPER SHALL BE PROTECTED WITH THREE TYPE II BARRICADES AT 50' O.C.
- CONSTRUCTION SIGNS SHALL GENERALLY BE POST-MOUNTED OR ATTACHED TO PORTABLE SUPPORTS AND SHALL BE INSTALLED 8' TO 12' FROM ADJACENT TRAVEL LANE WHEREVER POSSIBLE. IN NO CASE SHALL SIGNS BE LOCATED TO PROVIDE LESS THAN 2' CLEARANCE BETWEEN EDGE OF SIGN AND ADJACENT TRAVEL LANE.
- PAVEMENT MARKING TAPE AND REMOVAL OR OBLITERATION OF EXISTING MARKINGS SHALL BE REQUIRED WHEN THE CLOSURE TIME EXCEEDS FOUR DAYS. THIS WORK SHALL BE MEASURED AND PAID FOR SEPARATELY.
- WHEN A FLAGGER IS NOT ON STATION, THE FLAGGER SIGN SHALL BE PROMPTLY REMOVED, COVERED OR TURNED TO FACE AWAY FROM TRAFFIC. FLAGGER SIGNS SHALL BE MOVED AS NECESSARY TO MAINTAIN THE REQUIRED SPACING BETWEEN THE SIGNS AND THE WORKERS IN EACH SEPARATE WORK ACTIVITY, PER THE ILLINOIS TOLLWAY SUPPLEMENTAL SPECIFICATIONS.
- WORK ZONE SPEED LIMIT SIGN ASSEMBLIES, SHALL BE PLACED ADJACENT TO THE OPEN TRAFFIC LANE(S). WORK ZONE SPEED SIGNS SHALL BE MOVED AS NECESSARY TO MAINTAIN THE REQUIRED SPACING BETWEEN SIGNS AND THE WORKERS IN EACH SEPARATE WORK ACTIVITY PER THE ILLINOIS TOLLWAY SUPPLEMENTAL SPECIFICATIONS.
- DIRECTION INDICATOR BARRICADES SHALL BE USED IN LANE TAPERS.
- FOR CLOSURES OTHER THAN SHORT TERM (SUNRISE TO ONE HOUR BEFORE SUNSET), THE MINIMUM HEIGHT OF THE SIGN FROM SHOULDER ELEVATION SHALL BE 7'-0".
- CONES MAY BE USED IN LIEU OF BARRICADES IN THE BUFFER AND WORK AREAS, WHEN THE CLOSURE IS FOR MAINTENANCE OPERATIONS.
- BARRICADES ARE TO BE LOCATED AT JOINT LINE WHEN WORK AREA EXTENDS UP TO JOINT UNLESS OTHERWISE SHOWN ON THE PLANS.
- SEE MAINTENANCE OF TRAFFIC DRAWINGS FOR ADDITIONAL SIGNING IN THIS AREA.
- CHECK BARRICADES SHALL BE PLACED IN EACH CLOSED LANE AND SHOULDER AT 1000 FOOT CENTERS.
- A 1'-0" MINIMUM/2'-0" DESIRABLE SHY DISTANCE SHALL BE PROVIDED, MEASURED BETWEEN EDGE OF PAVEMENT LANE MARKING TO THE EDGE OF THE TRAFFIC CONTROL DEVICE.
- SEE STANDARD E1 FOR ADDITIONAL SIGNAGE REQUIRED WHEN WORK ZONE SPEED LIMIT IS REDUCED BY MORE THAN 10 MPH. THE SPEED LIMIT SHALL BE TRANSITIONED TO THE SPECIFIED WORK ZONE SPEED LIMIT 2600 FEET BEFORE THE FIRST W4-2 SIGN.
- WHEN NO POSITIVE PROTECTION IS PROVIDED AND WORKERS OR EQUIPMENT ENCR OACH WITHIN 2'-0" OR LESS FROM THE EDGE OF TRAVELED WAY, THE LANE OPEN TO TRAFFIC SHALL BE TEMPORARILY CLOSED OR SHIFTED DURING WORK ACTIVITIES.
- IN WORK ZONES WITH NO POSITIVE PROTECTION, A TRUCK MOUNTED ATTENUATOR (TMA) SHALL BE PROVIDED 100' TO 200' IN ADVANCE OF EACH WORK AREA. WHERE MULTIPLE CREWS ARE PRESENT, A TMA SHALL BE PROVIDED AT EACH WORK AREA.

ONE-LANE CLOSURE WITH BARRICADE

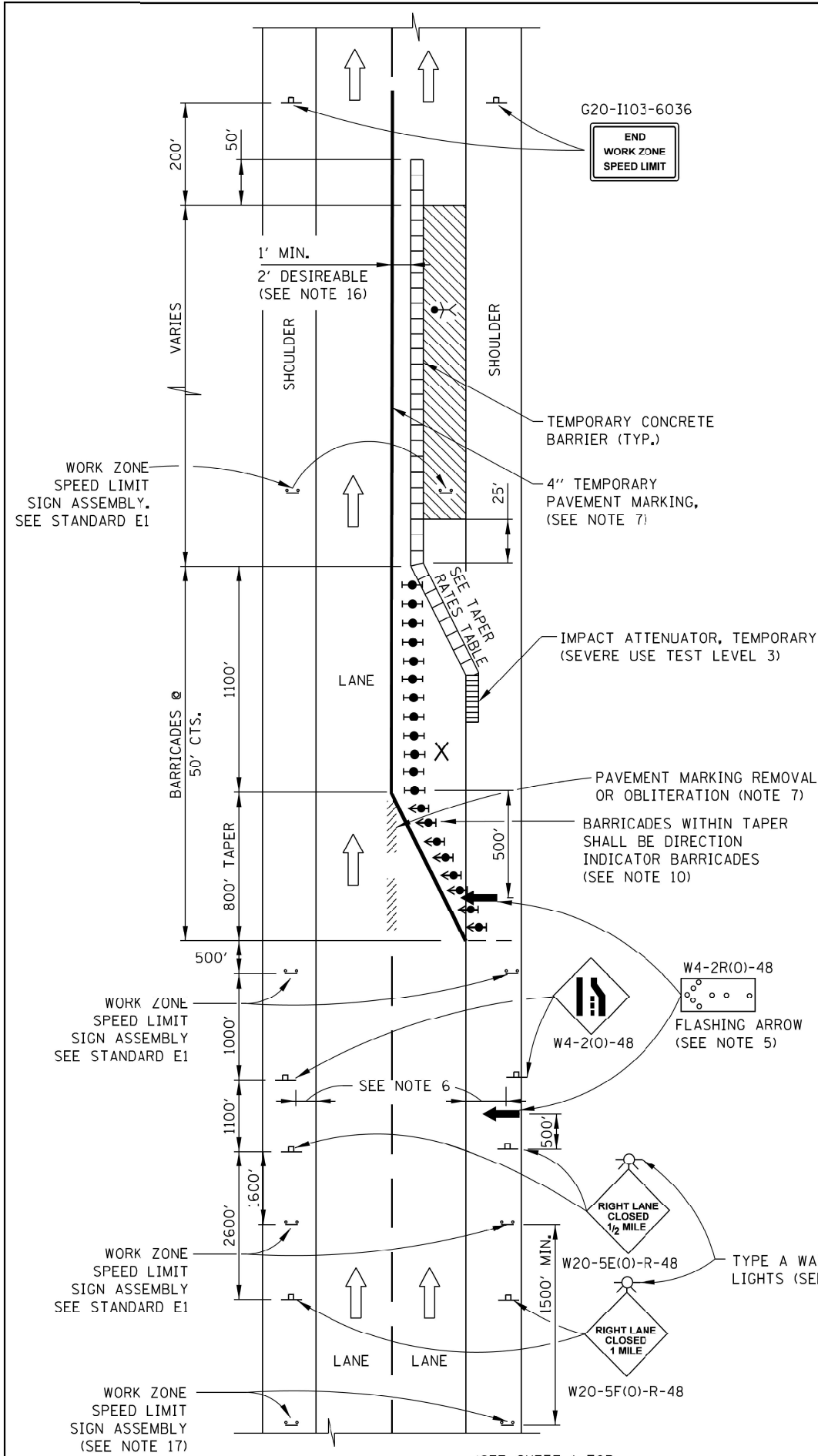


TAPER RATES

WORK ZONE SPEED (mph)	SHY LINE (ft.)	BARRIER INSIDE SHY LINE	BARRIER AT OR BEYOND SHY LINE
65	8.5	28:1	19:1
60	8	26:1	18:1
55	7	24:1	16:1
50	6.5	21:1	14:1
45	6	18:1	12:1
40	5	16:1	10:1
35	4.5	15:1	9:1
30	4	13:1	8:1

LEGEND

- ARROW BOARD
- WORK AREA
- SIGN
- DIRECTION INDICATOR BARRICADE WITH SEQUENTIAL FLASHING WARNING LIGHT
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- FLAGGER WITH TRAFFIC CONTROL SIGN
- WORKER
- LANE CLOSED
- CHECK BARRICADE
- TRUCK MOUNTED ATTENUATOR



ONE-LANE CLOSURE WITH BARRIER

APPROVED: *Paul Kovacs* DATE 5-1-2009
 CHIEF ENGINEERING OFFICER

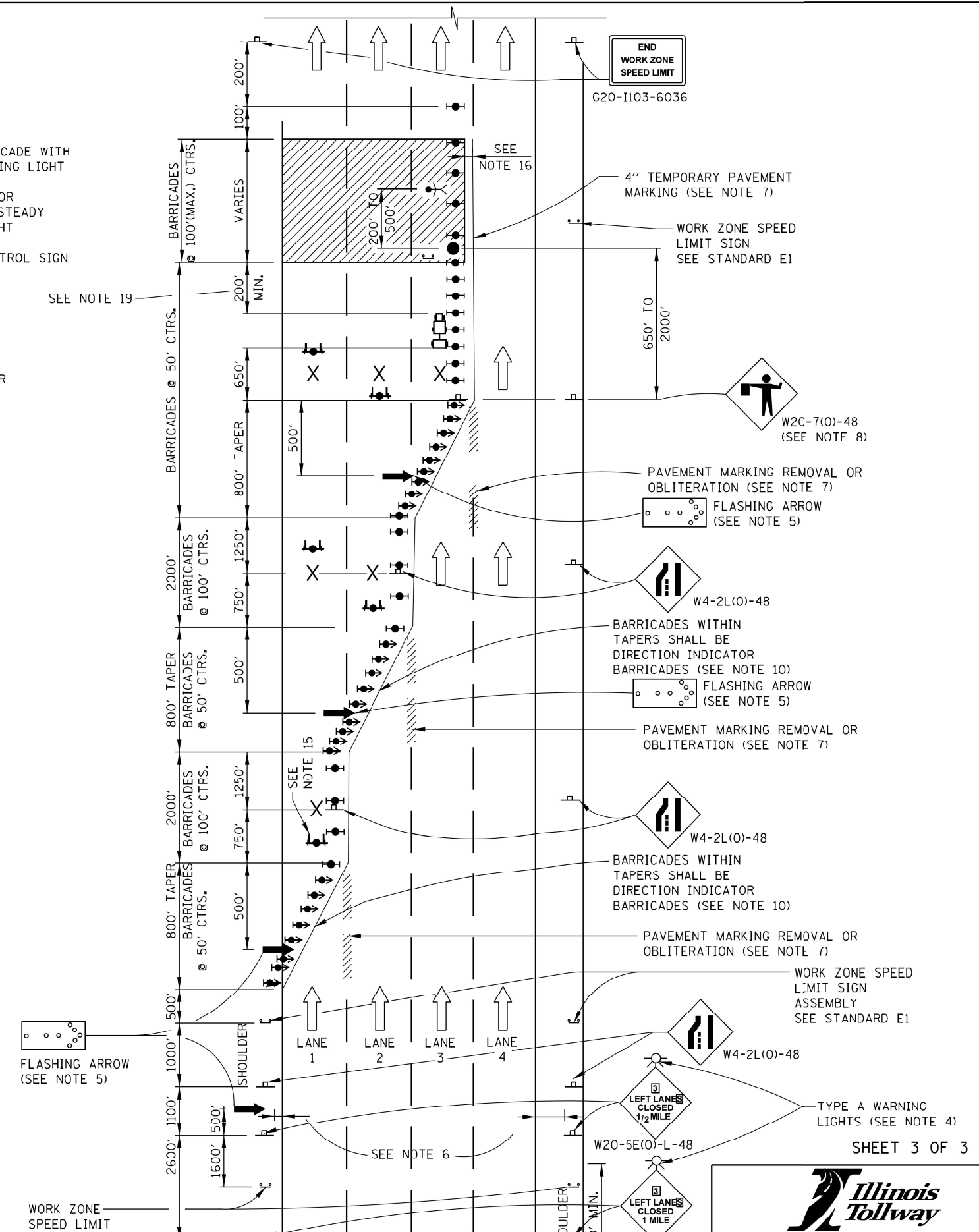
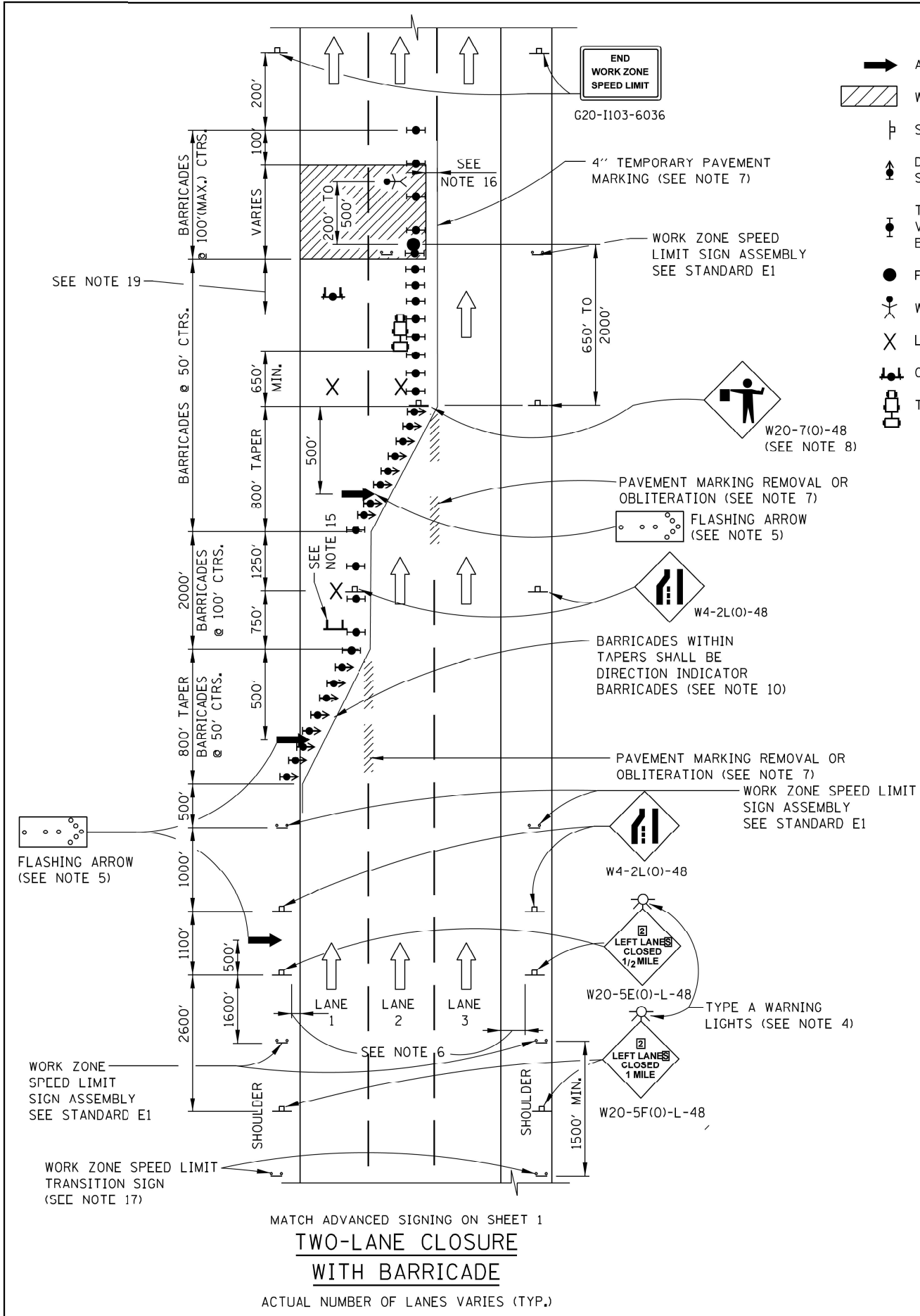
SHEET 2 OF 3

LANE CLOSURE DETAILS

STANDARD E2-08

LEGEND

- ARROW BOARD
- WORK AREA
- SIGN
- DIRECTION INDICATOR BARRICADE WITH SEQUENTIAL FLASHING WARNING LIGHT
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- FLAGGER WITH TRAFFIC CONTROL SIGN
- WORKER
- LANE CLOSED
- CHECK BARRICADE
- TRUCK MOUNTED ATTENUATOR



Paul Kovacs
 APPROVED... CHIEF ENGINEERING OFFICER
 DATE 5-1-2009

SEE SHEET 1 IN THIS SERIES FOR NOTES

SHEET 3 OF 3

LANE CLOSURE DETAILS

STANDARD E2-08

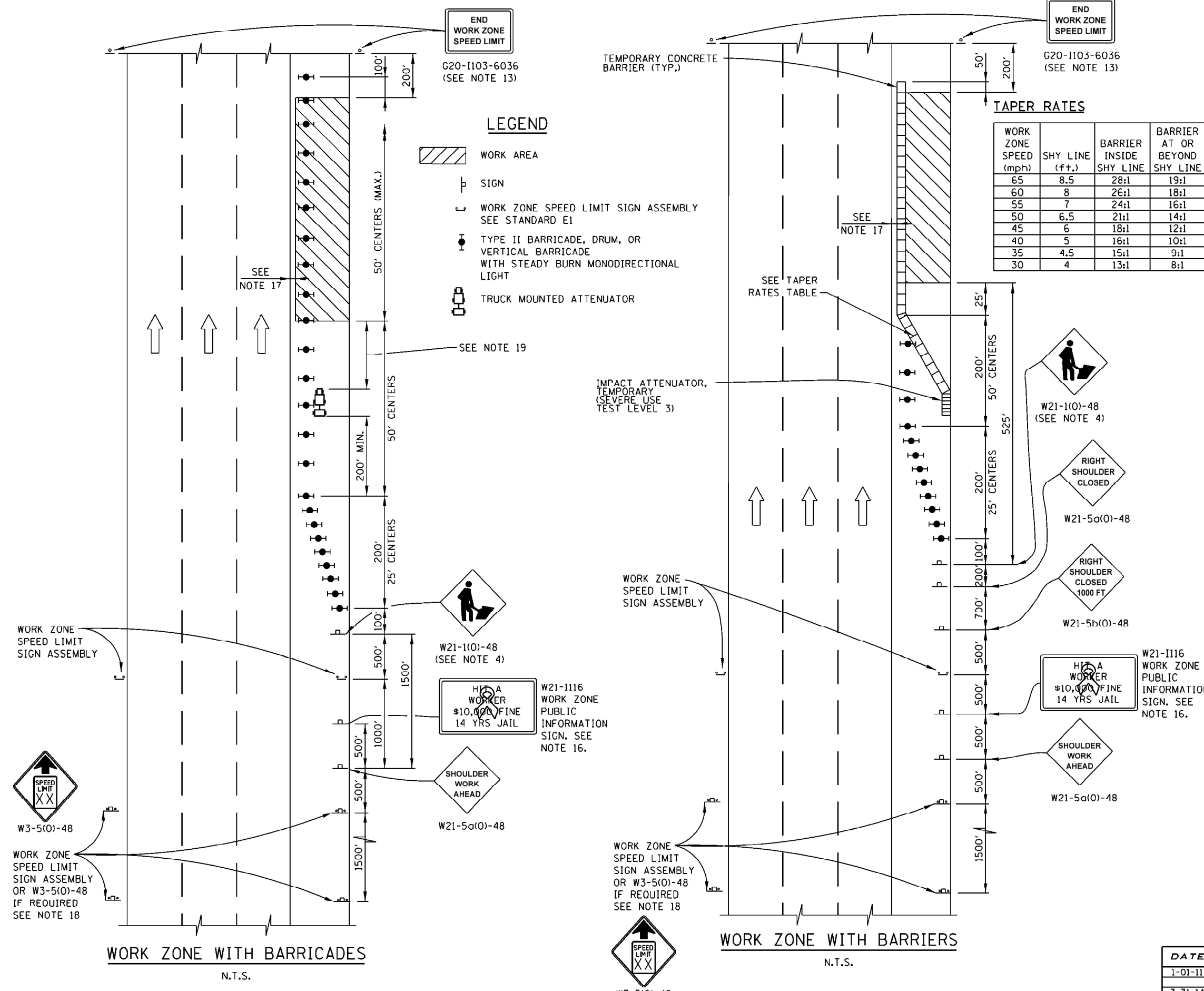
GENERAL NOTES:

1. THE SHOULDER SHALL BE CLOSED WHEN A WORK ACTIVITY REQUIRING 15 OR MORE MINUTES IS PERFORMED AT A DISTANCE WHICH IS LESS THAN 15 FEET BUT NO CLOSER THAN 2 FEET FROM THE EDGE OF PAVEMENT.
2. THE ADJACENT EXTERIOR LANE SHALL BE CLOSED WHEN WORK IS PERFORMED WITHIN 2 FEET FROM THE EDGE OF PAVEMENT.
3. THE CHANNELIZING DEVICES WHICH SEPARATE THE WORK SPACE FROM THE ADJACENT TRAVEL LANE SHALL BE SPACED AT 25' FOR (200 FEET) AND AT A MAXIMUM OF 50' FOR ALL ADDITIONAL DEVICES.
4. WHEN THE WORKSITE IS UNATTENDED, SUBSTITUTE - "SHOULDER WORK AHEAD" SIGN.
5. WORKER SIGNS OR SHOULDER WORK SIGNS AND CHANNELIZATION DEVICES ARE PLACED ONLY ON THE SIDE OF THE ROADWAY ON WHICH THE ACTIVITY IS PERFORMED.
6. FOR SHOULDER CLOSURE EXTENDING OVERNIGHT, BARRICADE TYPE II WITH STEADY BURNING LIGHT, TYPE C SHALL BE USED.
7. FOR SHORT TERM CLOSURE (SUNRISE TO ONE HOUR BEFORE SUNSET) NOT EXTENDING INTO DARKNESS, CONES MAY BE USED.
8. ONE WORK ZONE SPEED LIMIT SIGN ASSEMBLY SHALL BE PLACED AT A DISTANCE OF 500' TO 2,500' MAXIMUM IN ADVANCE OF WORKERS THROUGHOUT THE SHOULDER CLOSURE. MOVING OPERATIONS MAY REQUIRE CONTINUOUS ADJUSTMENT OF THE SIGN ASSEMBLY LOCATION TO MAINTAIN THE ABOVE INTERVAL.
9. AN ADDITIONAL SIGN ASSEMBLY SHALL BE PLACED 500' BEYOND THE LAST ENTRANCE RAMP FOR EACH INTERCHANGE THAT FALLS WITHIN THE 2,500'.
10. THE SIGN ASSEMBLY SHALL BE PLACED NO CLOSER THAN 500' TO ANY OTHER SIGN.
11. THE WORK ZONE SPEED LIMIT SIGNS AND SIGN ASSEMBLY SHALL BE PROMPTLY REMOVED OR COVERED WHEN SHOULDER CLOSURE IS REMOVED.
12. ALL CONFLICTING SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED.
13. "END WORK ZONE SPEED LIMIT" SIGNS SHALL BE IN PLACE ONLY WHEN THE EXISTING POSTED SPEED > 55MPH.
14. FOR SHOULDER REPAIRS OR REPLACEMENT THE CHANNELIZING DEVICES SHALL BE PLACED AT THE EDGE OF PAVEMENT WHENEVER THE WORK ACTIVITIES RESULT IN A DROPOFF AT THE EDGE OF PAVEMENT.
15. ANY UNATTENDED OBSTACLE OR EXCAVATION LEFT ON THE SHOULDER OVERNIGHT SHALL BE IN COMPLIANCE WITH THE ROADWAY TRAFFIC CONTROL AND COMMUNICATIONS MANUAL.
16. THE WORK ZONE PUBLIC INFORMATION SIGN IS 60" WIDE BY 48" HIGH. THE CONTRACTOR SHALL OBTAIN THE CAMERA-READY ARTWORK REQUIRED FOR THE SIGN MESSAGE BY CONTACTING IDOT'S CENTRAL BUREAU OF OPERATIONS.
17. A 1'-0" MINIMUM/2'-0" DESIRABLE SHY DISTANCE SHALL BE PROVIDED, MEASURED BETWEEN EDGE OF PAVEMENT LANE MARKING TO THE EDGE OF THE TRAFFIC CONTROL DEVICE.
18. SEE STANDARD E1 FOR ADDITIONAL SIGNAGE REQUIRED WHEN WORK ZONE SPEED LIMIT IS REDUCED BY MORE THAN 10 MPH.
19. IN WORK ZONES WITH NO POSITIVE PROTECTION, A TRUCK MOUNTED ATTENUATOR (TMA) SHALL BE PROVIDED 100' TO 200' IN ADVANCE OF EACH WORK AREA. WHERE MULTIPLE CREWS ARE PRESENT, A TMA SHALL BE PROVIDED AT EACH WORK AREA.

TAPER RATES

WORK ZONE SPEED (mph)	SHY LINE (ft.)	BARRIER INSIDE SHY LINE	BARRIER AT OR BEYOND SHY LINE
65	8.5	28:1	19:1
60	8	26:1	18:1
55	7	24:1	16:1
50	6.5	21:1	14:1
45	6	18:1	12:1
40	5	16:1	10:1
35	4.5	15:1	9:1
30	4	13:1	8:1

- LEGEND**
- WORK AREA
 - SIGN
 - WORK ZONE SPEED LIMIT SIGN ASSEMBLY SEE STANDARD E1
 - TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - TRUCK MOUNTED ATTENUATOR



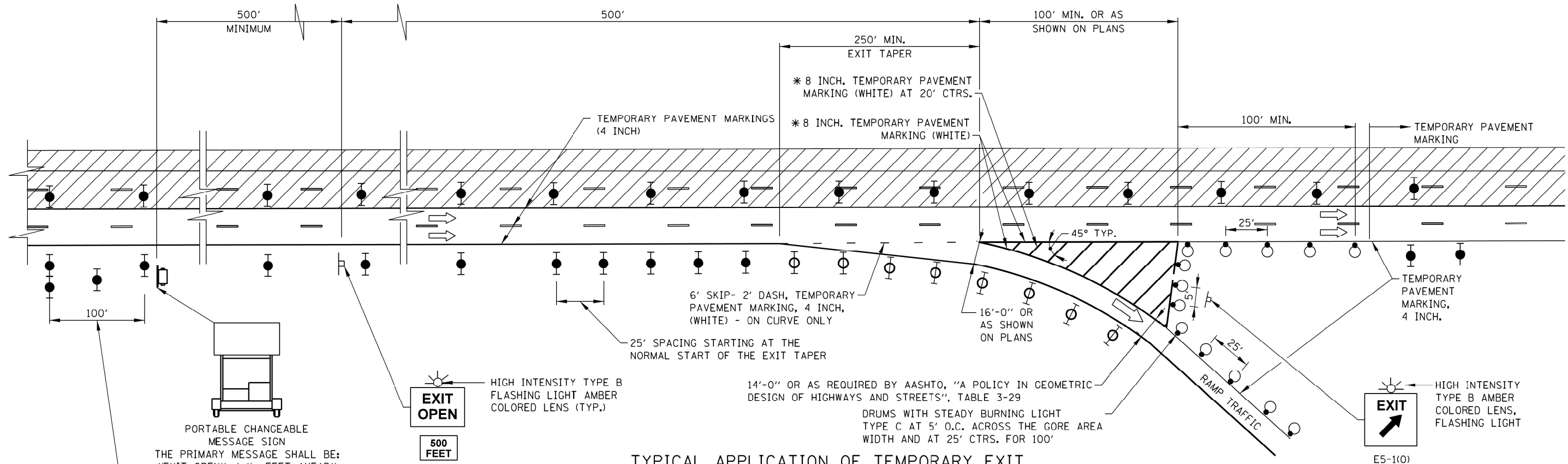
APPROVED: *Paul Kovacs* DATE 5-1-2009
 CHIEF ENGINEERING OFFICER

DATE	REVISIONS
1-01-11	CHANGED SYMBOL DESIGNATION
	REVISED NOTES
3-31-14	REVISED WORKER SIGN NUMBERS PER "MUTCO" AND REVISED NOTES.
3-11-2015	REVISED NOTES
3-31-2016	ADD WORK ZONE WITH BARRIERS.
3-31-2017	ADDED TAPER RATE TABLE.
3-01-2019	DELETED W21-1a, ADJUSTED SIGN SPACING, ADDED TMA, REVISED NOTES

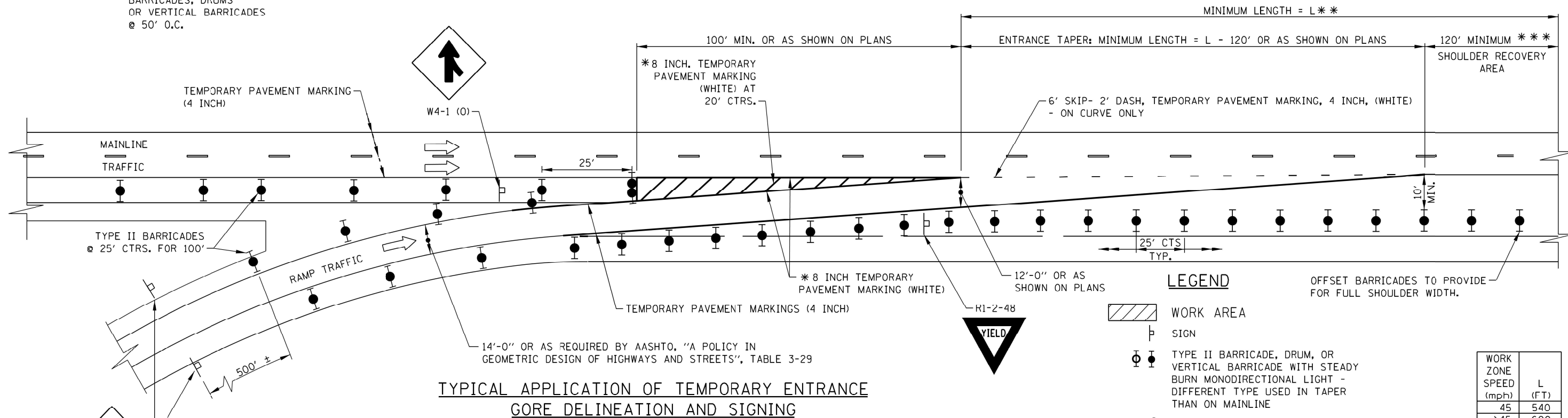
Illinois Tollway

SHOULDER CLOSURE DETAILS

STANDARD E3-07



TYPICAL APPLICATION OF TEMPORARY EXIT GORE DELINEATION AND SIGNING



TYPICAL APPLICATION OF TEMPORARY ENTRANCE GORE DELINEATION AND SIGNING

LEGEND

- WORK AREA
- SIGN
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT - DIFFERENT TYPE USED IN TAPER THAN ON MAINLINE
- DRUM WITH STEADY BURN LIGHT

WORK ZONE SPEED (mph)	L (FT)
45	540
>45	600

* 8 INCH TEMPORARY PAVEMENT MARKING IS TO BE MADE OF 2-TEMPORARY PAVEMENT MARKING 4 INCH, WHITE OF THE TYPE SPECIFIED.

** REFER TO TABLE - TAPER LENGTHS ARE BASED ON 12'-0" RAMP WIDTH AT START OF ENTRANCE TAPER

*** WHERE VIABLE WITH STAGED CONSTRUCTION

- NOTES:**
- WHEN TEMPORARY PAVEMENT MARKING IS NOT REQUIRED, TEMPORARY GORES MAY BE DELINEATED BY DRUMS WITH STEADY BURN LIGHTS AT 25' C-C ACCORDING TO THE CONFIGURATIONS SHOWN.
 - THE TAPER LENGTHS ARE MINIMUMS. EXISTING ACCELERATION, DECELERATION, AND TAPER LENGTHS SHOULD BE PRESERVED TO THE EXTENT POSSIBLE.

DATE	REVISIONS
2-07-2012	REVISED MERGE SIGN.
3-31-2014	ADDED 45 MPH SPEED TO ENTRANCE TAPER.
3-11-2015	REVISED EXIT/ENTRANCE DETAIL LAYOUTS REMOVED DETAILS NOT NEEDED.
3-31-2016	REVISED ENTRANCE GORE DETAIL.
3-31-2017	REVISED EXIT GORE DRUM LAYOUT
3-01-2018	REVISED DIMENSIONS FOR ENTRANCE TAPER.
3-01-2019	REVISED EXIT BARRICADES, ADDED EXIT OPEN 1000 FT SIGN

Illinois Tollway

TEMPORARY GORE DETAILS

STANDARD E5-08

Paul Kovacs
 APPROVED CHIEF ENGINEERING OFFICER DATE 5-1-2009