

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2021-005-BR	COOK	52	1
FED. AID PROJECT		ILLINOIS	CONTRACT NO. 62N34	

* 52 + 1 = 53 TOTAL SHEETS

D-91-085-21

ROBERT J. DEMING
062-057483
LICENSED PROFESSIONAL ENGINEER
ILLINOIS

PRIMERA ENGINEERS LTD.
ROBERT J. DEMING, P.E.

DATE: 12/10/2021
SIGNATURE AND SEAL APPLY TO DRAWINGS: 5-15
EXPIRES: 2/28/2022

ZAIDA MORILLO
081-008252
LICENSED STRUCTURAL ENGINEER
STATE OF ILLINOIS

PRIMERA ENGINEERS LTD.
ZAIDA MORILLO, P.E., S.E.

DATE: 12/10/2021
SIGNATURE AND SEAL APPLY TO DRAWINGS: 3D-42
EXPIRES: 11/30/2022

B. Amini
BEHZAD AMINI, Ph.D., P.E.
IL. L.I.C. NO. 062-067557

EXP: 02/28/2022
DATE: 12/10/2021

THIS SEAL AND SIGNATURE PERTAINS TO SHEETS 17 THROUGH 29

PROPOSED
HIGHWAY PLANS



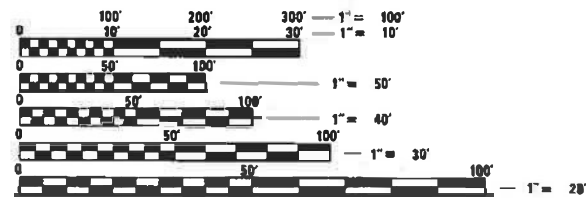
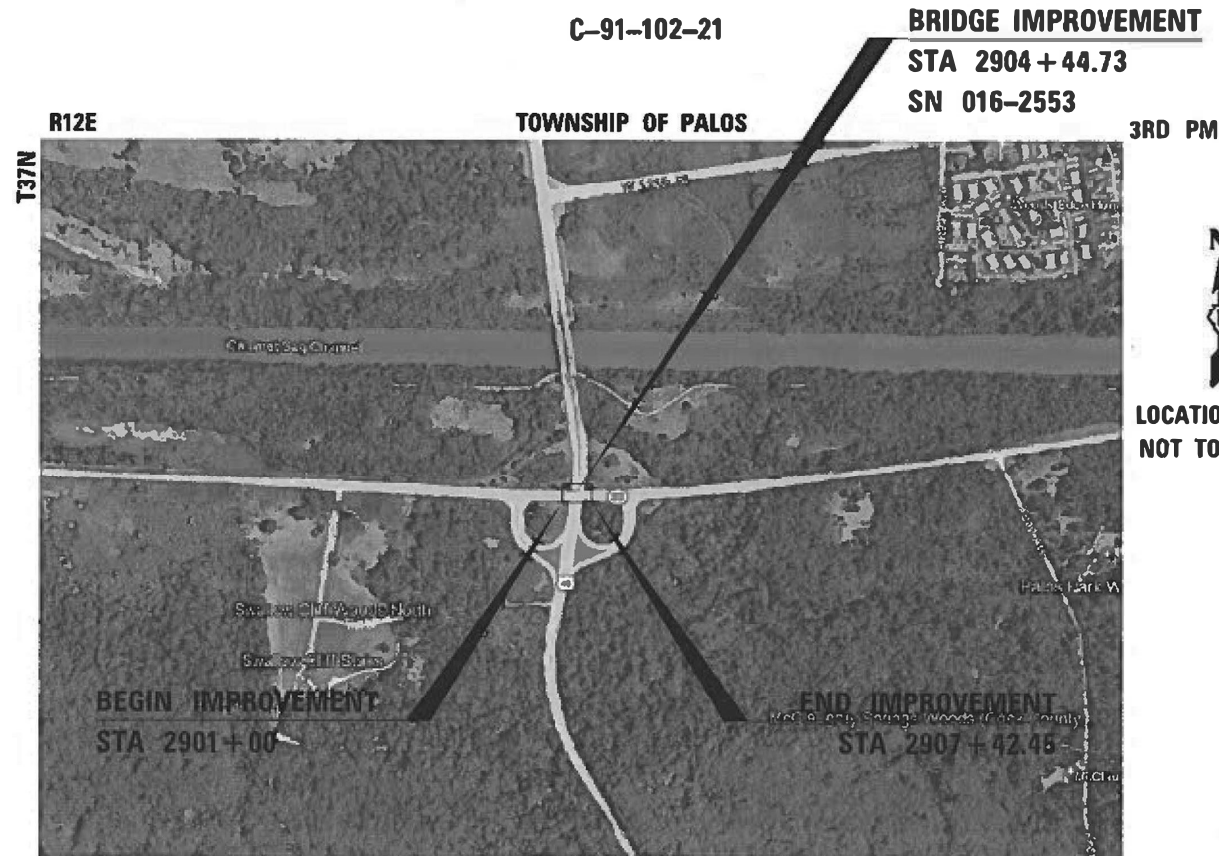
FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT IS LOCATED IN THE TOWNSHIP OF PALOS IN COOK COUNTY

F.A.P. 344: IL 83 OVER US 45
SECTION 2021-005-BR
PROJECT NHPP-B9BX(410)
BRIDGE DECK OVERLAY AND JOINT REPAIR
COOK COUNTY

IL 83 TRAFFIC DATA:
FUNCTIONAL CLASSIFICATION
OTHER PRINCIPAL ARTERIAL
2019 ADT = 13900
SPEED LIMIT = 55 MPH

US 45 TRAFFIC DATA:
FUNCTIONAL CLASSIFICATION
OTHER PRINCIPAL ARTERIAL
2019 ADT = 36900
SPEED LIMIT = 45 MPH



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

PROJECT ENGINEER PRAVEEN KAINI, PE
(847) 705-4237

PROJECT MANAGER J. ALAIN MIDY, PE
(847) 221-3056

CONTRACT NO. 62N34

SECTIONS 21 & 22

GROSS LENGTH = 643 FT. = 0.125 MILE
NET LENGTH = 643 FT. = 0.125 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 14, 2021
[Signature] REGIONAL ENGINEER

February 4, 2022
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT

February 4, 2022
[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 2

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OF THE STATE OF ILLINOIS

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 201 W. JACKSON BLVD. SUITE 600 CHICAGO IL 60601 P:312-465-4910 F:312-465-4415

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION CODE	
				BRIDGE	0059
20100500	TREE REMOVAL, ACRES	ACRE	0.1	IL 83	SN 016-2553
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	140	80% FED	20% STATE
20800150	TRENCH BACKFILL	CU YD	10.3		
21001000	GEO TECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	379		
25000210	SEEDING, CLASS 2A	ACRE	0.1		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	7.2		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	7.2		
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	387		
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	136		
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	408		
35300500	PORTLAND CEMENT CONCRETE BASE COURSE 10"	SQ YD	303		
35400500	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"	SQ YD	37		
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	95		
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	38		
42000070	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	SQ YD	265		
44000100	PAVEMENT REMOVAL	SQ YD	242		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	53		
44003100	MEDIAN REMOVAL	SQ FT	3675		
44004250	PAVED SHOULDER REMOVAL	SQ YD	130		
48101620	AGGREGATE SHOULDERS, TYPE B 10"	SQ YD	4.3		
50102400	CONCRETE REMOVAL	CU YD	62.7		
50157300	PROTECTIVE SHIELD	SQ YD	643		
50300225	CONCRETE STRUCTURES	CU YD	51.3		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	7.8		
50300300	PROTECTIVE COAT	SQ YD	1682		
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	176.9		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	63410		
50800515	BAR SPLICERS	EACH	588		
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	4		
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	132		
59000200	EPOXY CRACK INJECTION	FOOT	10		
60500060	REMOVING INLETS	EACH	4		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	60		
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1		
63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4		



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PLOT DATE = 12/17/2021	CHECKED - MPV	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
IL 83 OVER US 45**

SCALE: SHEET 3 OF 52 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2021-005-BR	COOK	52	3
CONTRACT NO. 62N34			ILLINOIS FED. AID PROJECT	

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 201 W JACKSON BLVD, SUITE 600, CHICAGO IL 60601 P 312-465-6910 F 312-465-6415

CONSTRUCTION CODE
 BRIDGE
 0059
 80% FED
 20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	IL 83 SN 016-2553
63200310	GUARDRAIL REMOVAL	FOOT	25	25
63800920	MODULAR GLARE SCREEN SYSTEM, TEMPORARY	FOOT	264	264
67100100	MOBILIZATION	L SUM	1	1
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD		
* 66900530	SOIL DISPOSAL ANALYSIS	EACH		
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	7	7
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	365	365
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	5017	5017
70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	217	217
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	10180	10180
70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	1146	1146
70307140	TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE	FOOT	605	605
70307160	TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE	FOOT	7	7
70307210	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	FOOT	213	213
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1233	1233
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1056	1056
70600241	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	4	4
70600341	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	8	8
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2
* 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	24	24
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	50	50
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	4055	4055
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	352	352
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	318	318
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	80	80
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	3015	3015
78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	26	26
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	75	75
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	20	20
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	75	75
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	6406	6406
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	2
* 85000500	MAINTENANCE OF EXISTING FLASHING BEACON INSTALLATION	EACH	4	4
* 89502378	REBUILD EXISTING HANDHOLE TO HEAVY-DUTY HANDHOLE	EACH	1	1
86600600	DETECTOR LOOP REPLACEMENT	FOOT	141	141
X0325446	SHOULDER INLET WITH CURB (4 FT SHOULDER)	EACH	4	4
X0327032	TEMPORARY VIDEO DETECTION	EACH	1	1

*** SPECIALTY ITEM**



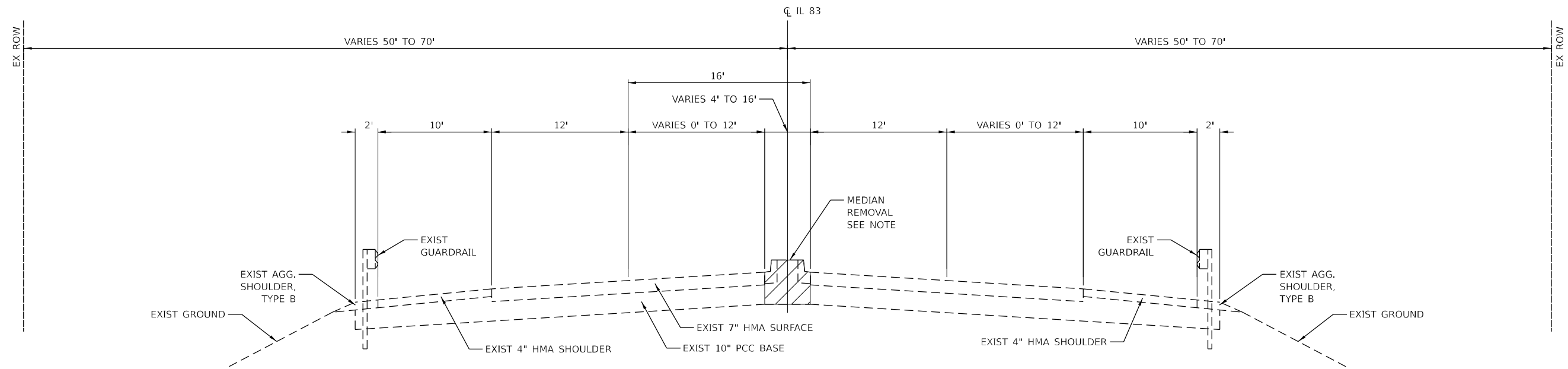
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PLOT DATE = 12/17/2021	CHECKED - MPV	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 IL 83 OVER US 45

SCALE: SHEET 4 OF 52 SHEETS STA. TO STA.

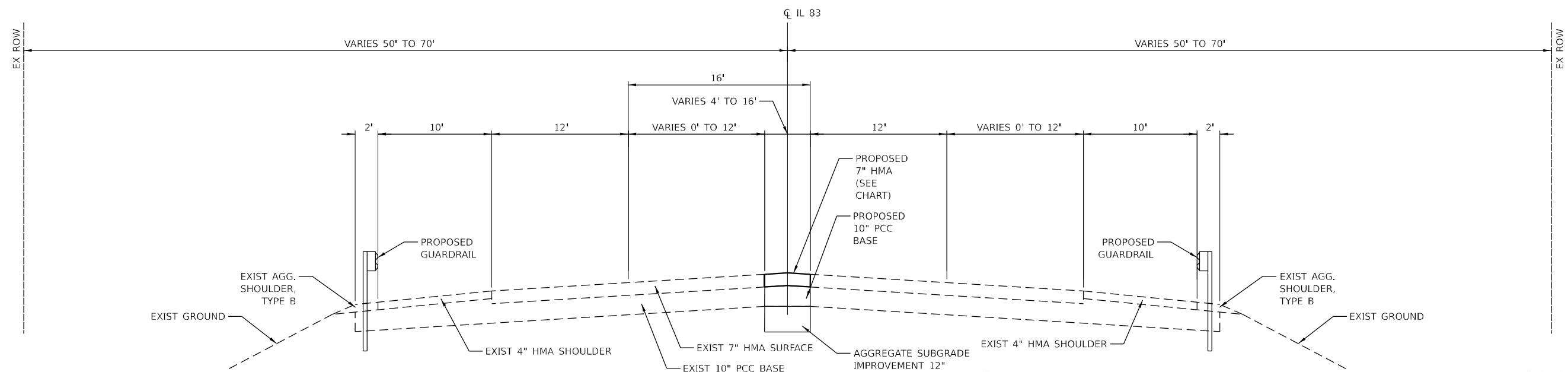
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344	2021-005-BR	COOK	52	4
CONTRACT NO. 62N34			ILLINOIS FED. AID PROJECT	



NOTE: MEDIAN REMOVAL INCLUDES REMOVAL OF EXISTING MEDIAN, CURB AND GUTTER, AND PCC BASE

**EXISTING IL 83 RD. TYPICAL SECTION
(LOOKING EAST)**

STA. 2901+00 TO STA. 2907+42.45
BRIDGE OMISSION STA. 2903+48 TO STA. 2905+35



**PROPOSED IL 83 RD. TYPICAL SECTION
(LOOKING EAST)**

STA. 2901+00 TO STA. 2907+42.45
BRIDGE OMISSION STA. 2903+48 TO STA. 2905+35

MIXTURE TYPE	AIR VOIDS	QUALITY MANAGEMENT PROGRAM (QMP)
HOT-MIX ASPHALT PAVEMENT (IL-83)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2" (IL-9.5mm)	4% @ 70 Gyr.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, N90 5" (IL-19.0mm)	4% @ 90 Gyr.	QC/QA
HOT-MIX ASPHALT PAVEMENT CONNECTOR (IL-83)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2" (IL-9.5mm)	4% @ 70 Gyr.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, N90, THICKNESS VARIES (IL-19.0mm)	4% @ 90 Gyr.	QC/QA

QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA), QUALITY CONTROL FOR PERFORMANCE (QCP)
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

The "AC Type" for Polymerized HMA Mixes SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" shall be "PG 64 -22" UNLESS modified by RECLAIMED MATERIALS SPECIFICATIONS.

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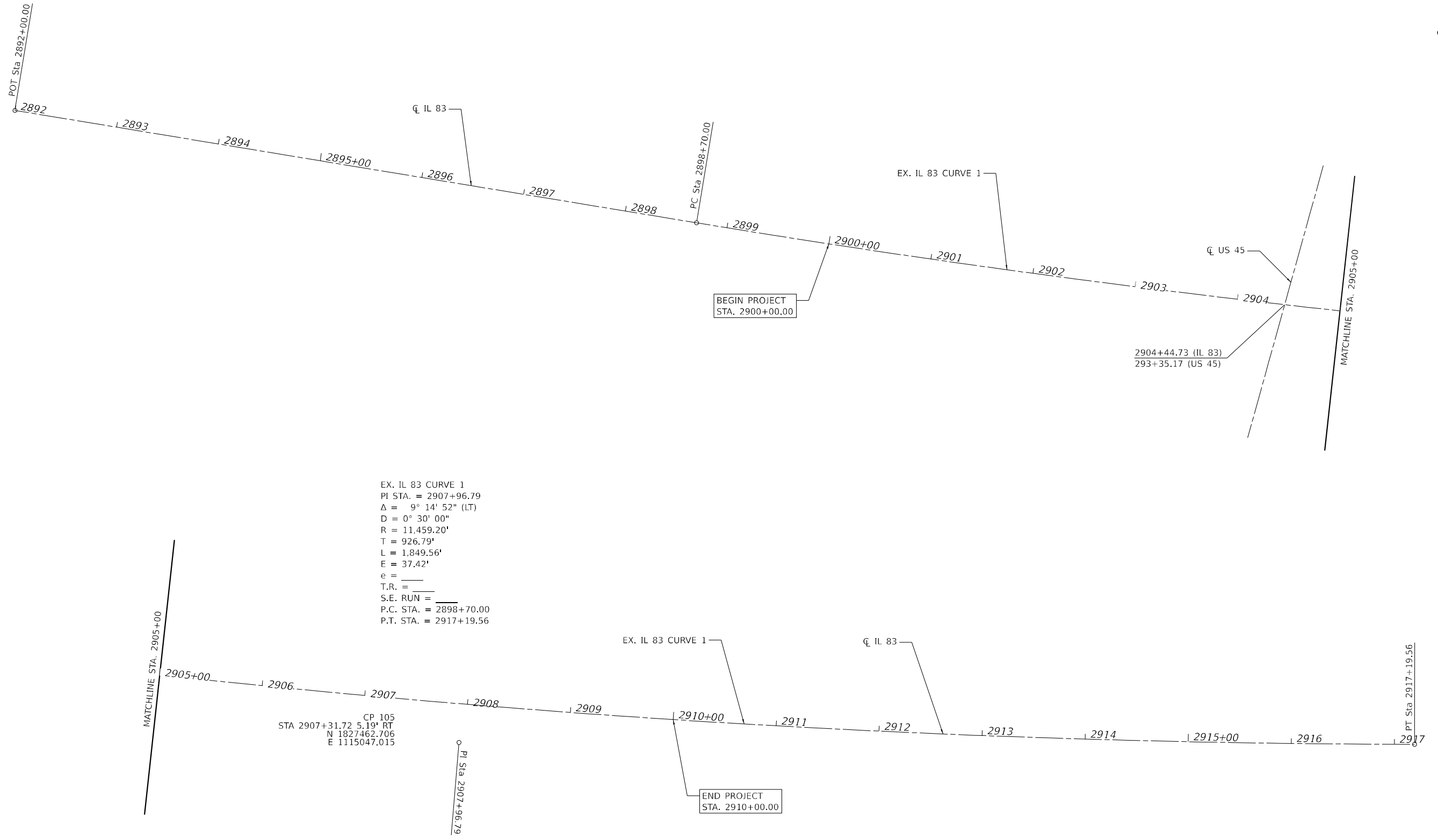
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS
IL 83 OVER US 45**

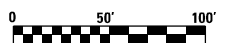
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2021-005-BR	COOK	52	6
CONTRACT NO. 62N34				
ILLINOIS FED. AID PROJECT				



EX. IL 83 CURVE 1
 PI STA. = 2907+96.79
 $\Delta = 9^\circ 14' 52''$ (LT)
 $D = 0^\circ 30' 00''$
 $R = 11,459.20'$
 $T = 926.79'$
 $L = 1,849.56'$
 $E = 37.42'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 2898+70.00$
 $P.T. STA. = 2917+19.56$

CP 105
 STA 2907+31.72 5.19' RT
 N 1827462.706
 E 1115047.015



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	DATE -	REVISED -

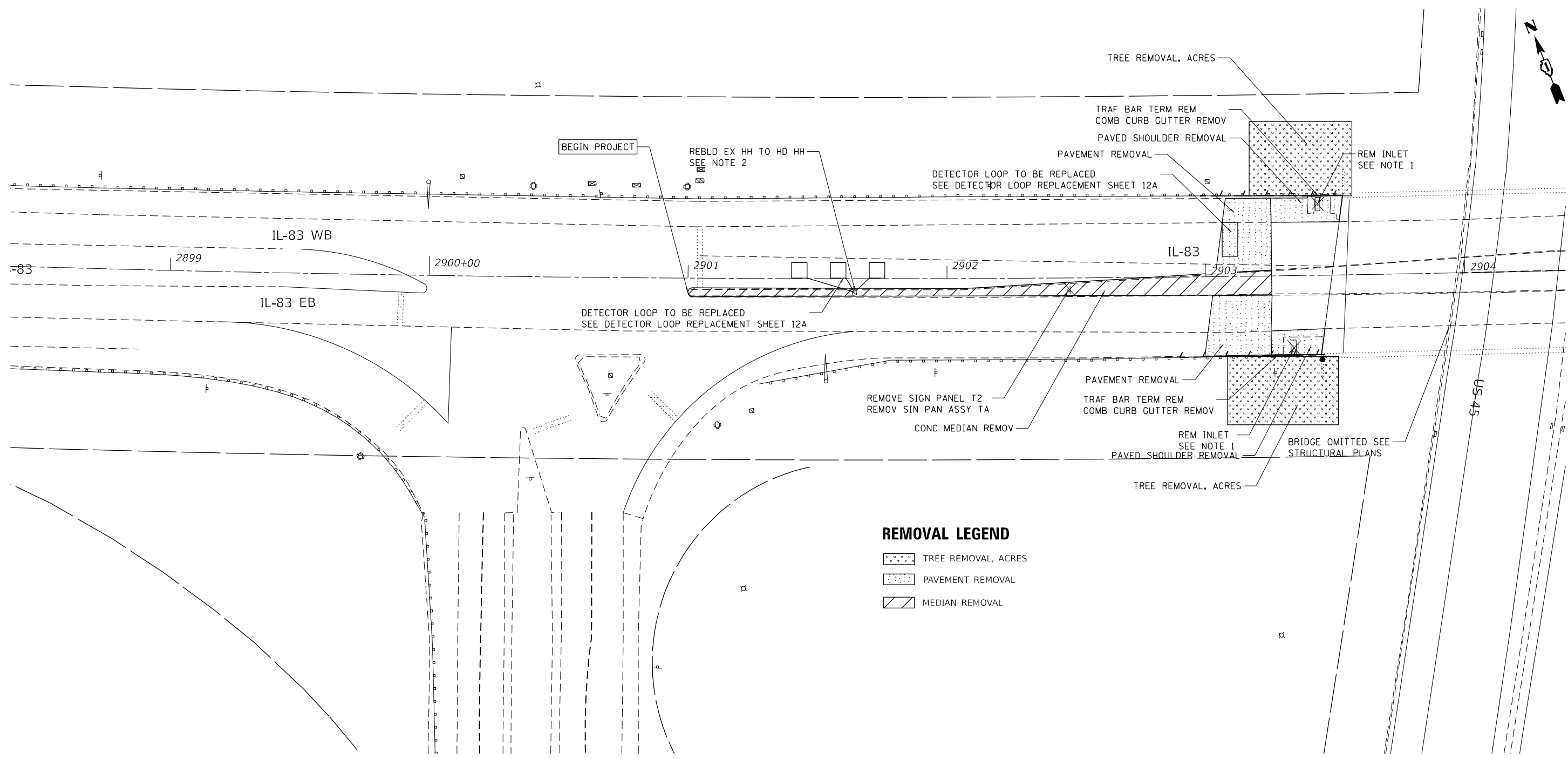
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT PLAN
IL 83 OVER US 45**

SCALE: SHEET 7 OF 52 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2021-005-BR	COOK	52	7
CONTRACT NO. 62N34			ILLINOIS FED. AID PROJECT	

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 461 N. JACKSON BLVD, SUITE 600, CHICAGO, IL 60611, P.312-460-4000 F.312-460-4005



REMOVAL LEGEND

- TREE REMOVAL, ACRES
- PAVEMENT REMOVAL
- MEDIAN REMOVAL

NOTES

1. EXISTING PIPES AT DRAINAGE STRUCTURES TO BE ABANDONED IN PLACE.
2. CONTRACTOR SHALL WATCH AND PROTECT INTERCONNECT WIRING. ANY DAMAGE TO THE INTERCONNECT OR HANDHOLES SHALL BE RESTORED TO ORIGINAL CONDITIONS.



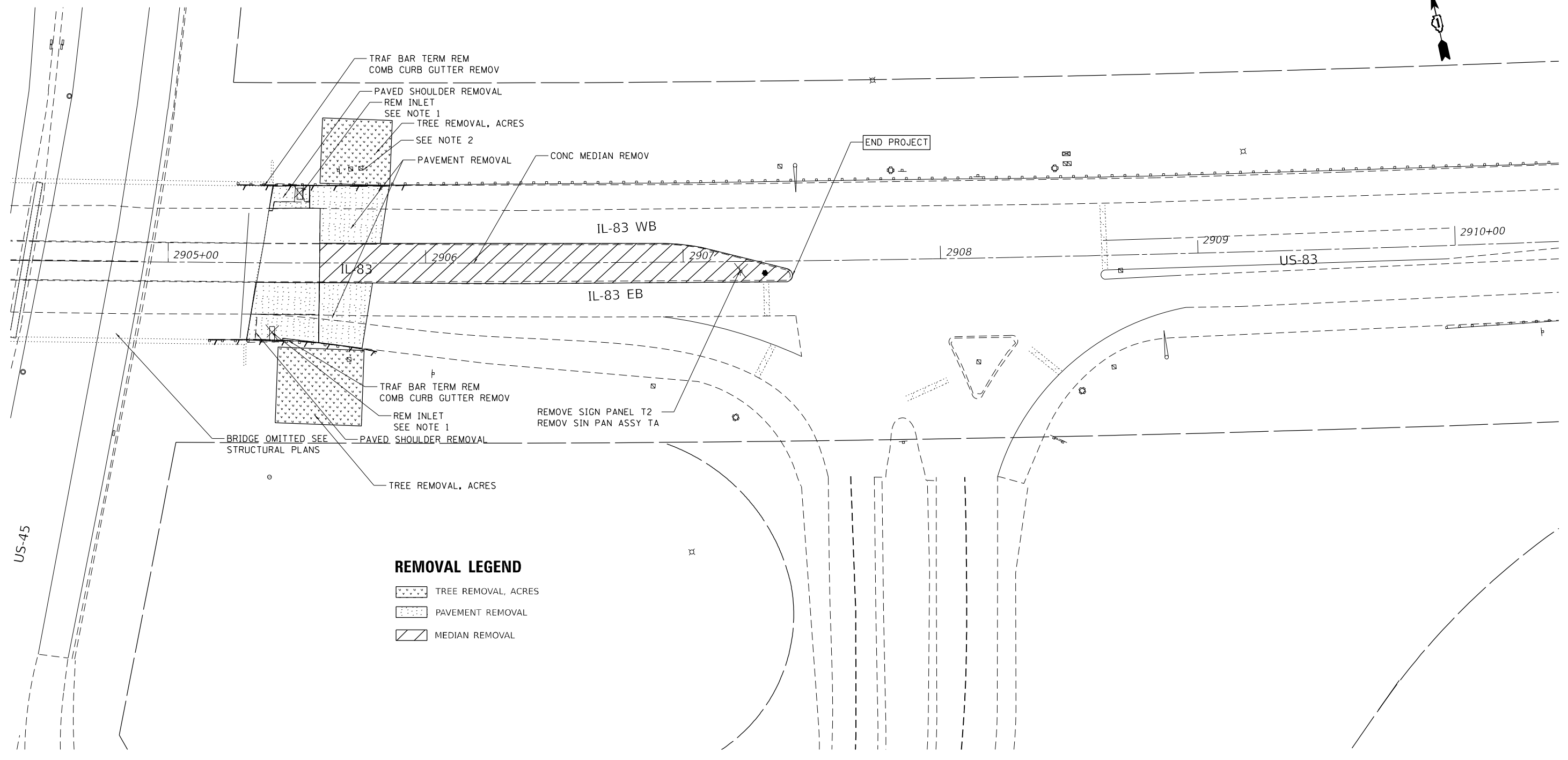
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
IL 83 OVER US 45**

SCALE: SHEET 8 OF 52 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2021-005-BR	COOK	52	8
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N34	

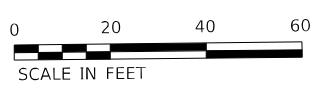


REMOVAL LEGEND

- TREE REMOVAL, ACRES
- PAVEMENT REMOVAL
- MEDIAN REMOVAL

NOTES

1. EXISTING PIPES AT DRAINAGE STRUCTURES TO BE ABANDONED IN PLACE.
2. CONTRACTOR SHALL WATCH AND PROTECT INTERCONNECT WIRING. ANY DAMAGE TO THE INTERCONNECT OR HANDHOLES SHALL BE RESTORED TO ORIGINAL CONDITIONS.



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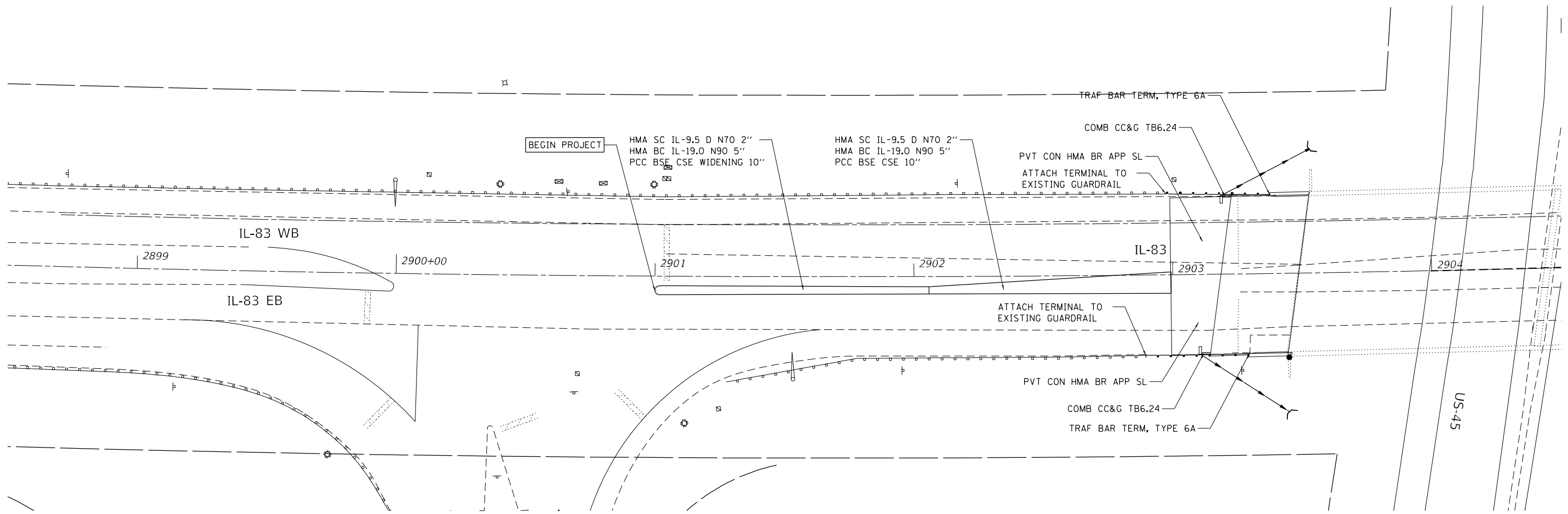
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
IL 83 OVER US 45**

SCALE: SHEET 9 OF 52 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2021-005-BR	COOK	52	9
CONTRACT NO. 62N34				
ILLINOIS FED. AID PROJECT				



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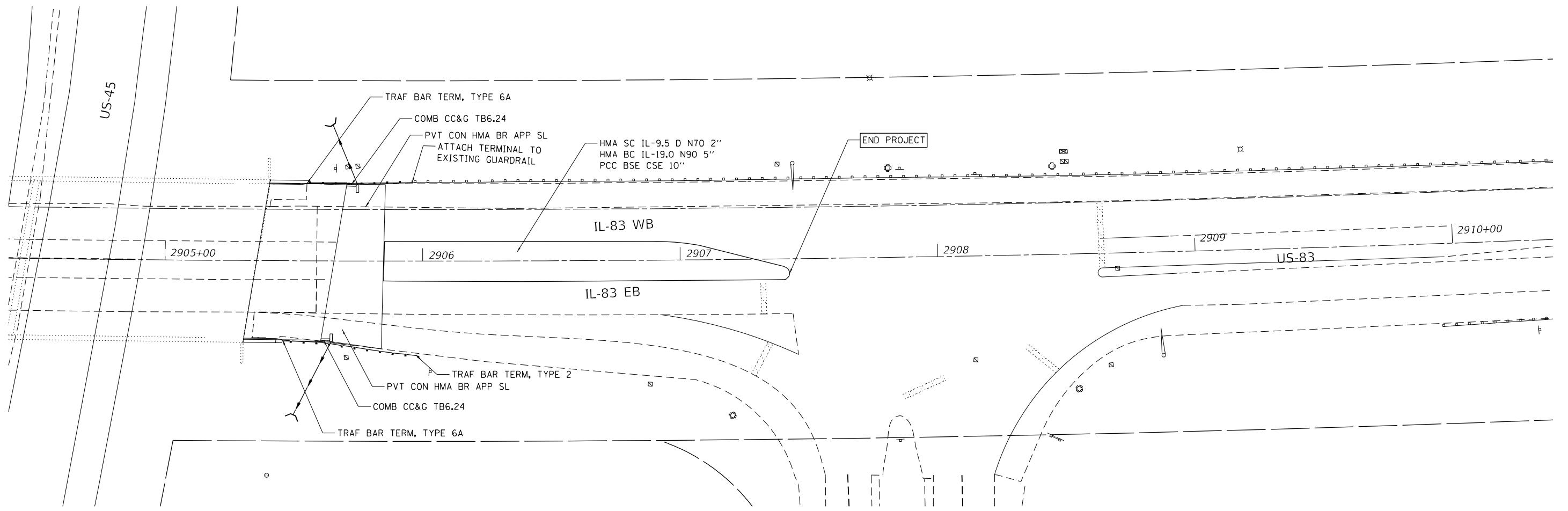


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED ROADWAY PLAN IL 83 OVER US 45			
SCALE:	SHEET 10	OF 52 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2021-005-BR	COOK	52	10
ILLINOIS			FED. AID PROJECT	
CONTRACT NO. 62N34				



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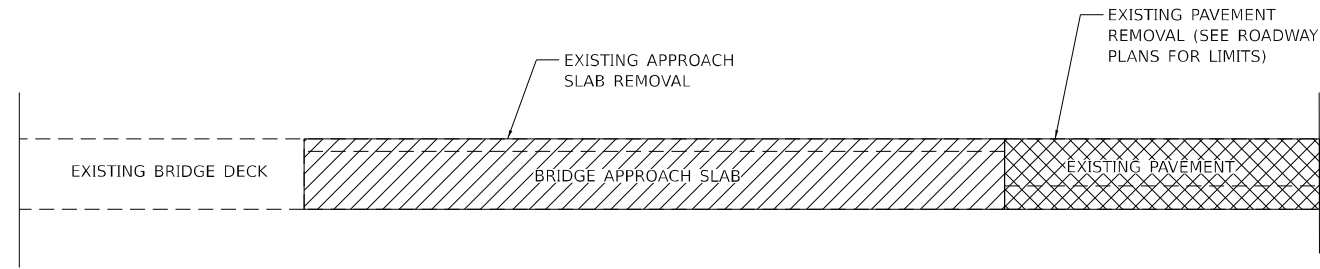
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ROADWAY PLAN
IL 83 OVER US 45

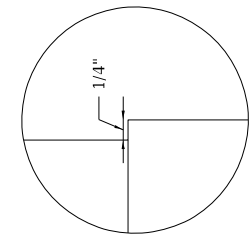
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62N34			ILLINOIS FED. AID PROJECT	

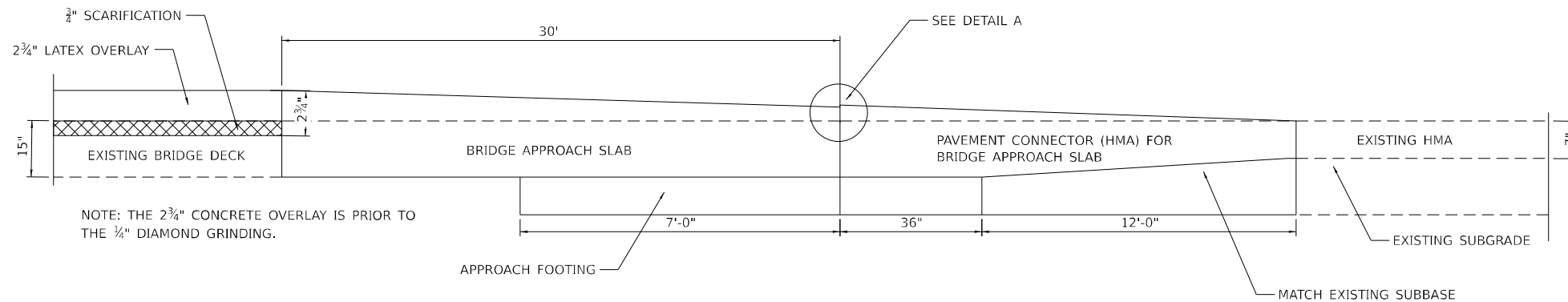


BUTT JOINT AND HMA TAPER DETAIL (EXISTING)

SEE IDOT STANDARD 420406 FOR ADDITIONAL DETAILS



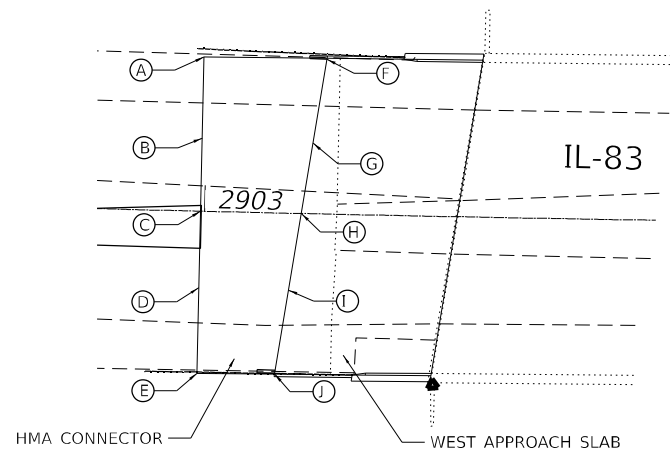
DETAIL A



BUTT JOINT AND HMA TAPER DETAIL (PROPOSED)

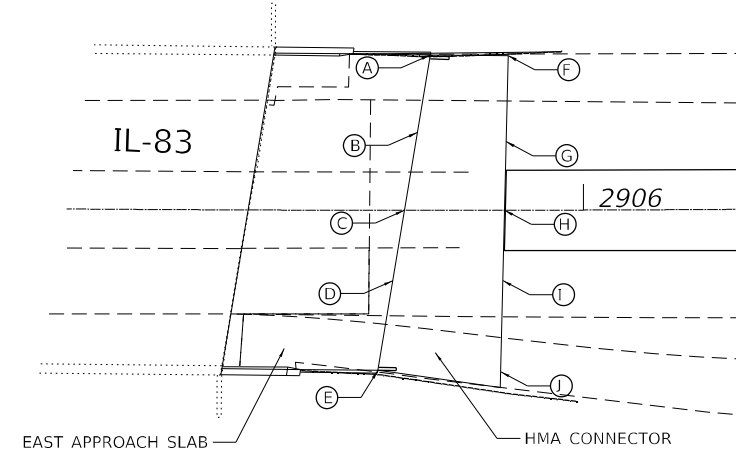
SEE IDOT STANDARD 420406 FOR ADDITIONAL DETAILS

WEST HMA CONNECTOR ELEVATIONS

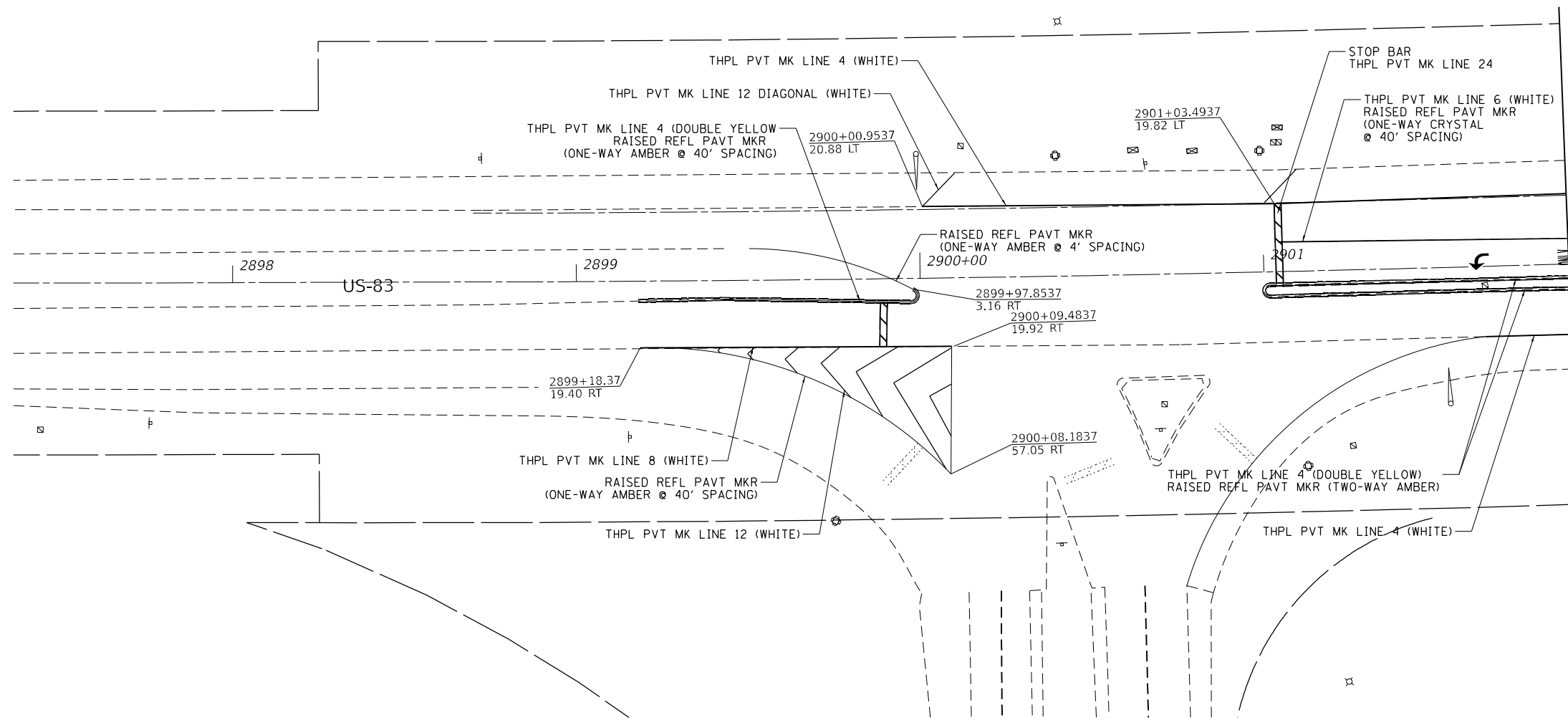
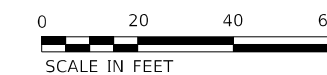


	STATION	OFFSET	ELEVATION BEFORE DIAMOND GRINDING	FINAL ELEVATION
A	2902+99.19	30.0 LT	610.63	610.61
B	2902+99.20	20.0 LT	611.21	611.19
C	2902+99.22	0	611.62	611.60
D	2902+99.24	20.0 RT	611.17	611.15
E	2902+99.25	30.0 RT	610.80	610.78
F	2903+53.49	30.0 LT	611.84	611.82
G	2903+51.86	20.0 LT	612.03	612.01
H	2903+48.61	0	612.45	612.43
I	2903+45.36	20.0 RT	611.95	611.93
J	2903+43.73	30.0 RT	611.83	611.81

EAST HMA CONNECTOR ELEVATIONS



	STATION	OFFSET	ELEVATION BEFORE DIAMOND GRINDING	FINAL ELEVATION
A	2905+40.36	30.0 LT	611.92	611.90
B	2905+38.73	20.0 LT	612.09	612.07
C	2905+35.48	0	612.47	612.45
D	2905+32.23	20.0 RT	612.11	612.09
E	2905+30.60	30.0 RT	611.97	611.95
F	2905+85.52	30.0 LT	610.86	610.84
G	2905+85.32	20.0 LT	611.25	611.23
H	2905+84.82	0	611.87	611.85
I	2905+84.34	20.0 RT	611.39	611.37
J	2905+84.10	30.0 RT	611.21	611.19



NOTE: FOLLOW IDOT STANDARD 781001-04 FOR
RAISED REFLECTIVE PAVEMENT MARKER SPACING DETAILS

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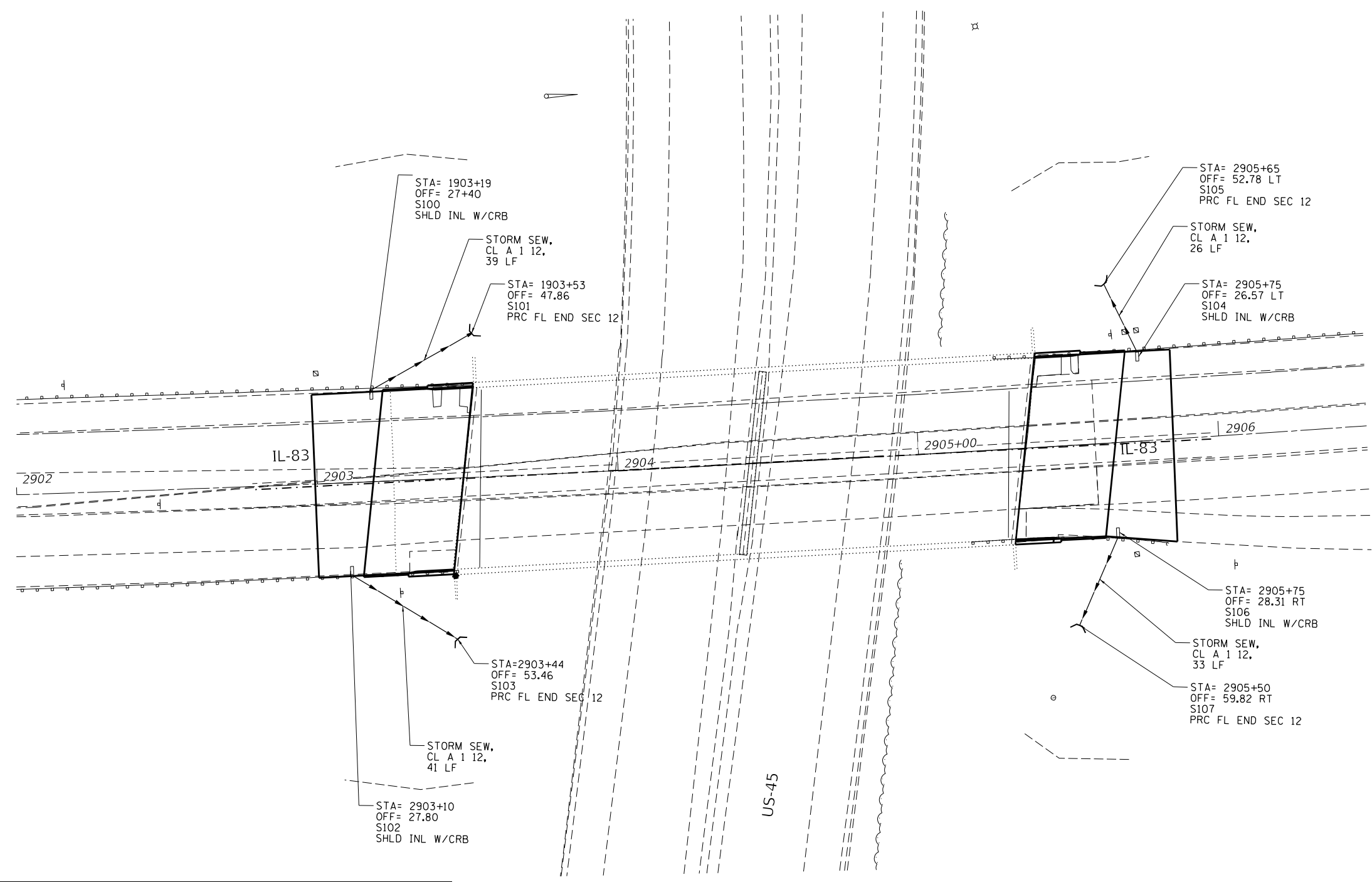
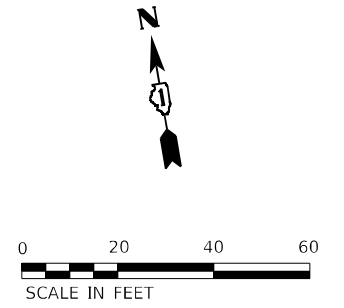
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DRAWN - RMV	REVISOR -	REVISED -
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PLOT DATE = 12/17/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
IL 83 OVER US 45

SCALE: SHEET 13 OF 52 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2021-005-BR	COOK	52	13
CONTRACT NO. 62N34				
ILLINOIS FED. AID PROJECT				



DRAINAGE SCHEDULE						
STRUCTURE NO.	PAY ITEM	DESCRIPTION	RIM	INV	PIPE LENGTH	PIPE SLOPE
S100	X0325446	SHLD INL W/CRB	610.75	605.75	39	4%
S101	54213657	PRC FL END SEC 12	605.65	604.15		
S102	X0325446	SHLD INL W/CRB	611.23	606.23	41	7%
S103	54213657	PRC FL END SEC 12	605.02	603.52		
S104	X0325446	SHLD INL W/CRB	611.23	606.23	26	18%
S105	54213657	PRC FL END SEC 12	603.16	601.66		
S106	X0325446	SHLD INL W/CRB	611.62	606.618	33	17%
S107	54213657	PRC FL END SEC 12	602.53	601.03		

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 441 N. JACKSON BLVD, SUITE 600, CHICAGO, IL 60611, P.312-460-4000 F.312-460-4005



USER NAME = rvanderdus	DESIGNED - JNB	REVISED -
DRAWN - RMV	REVISIONS -	
PLOT SCALE = 40,0000 * / in.	CHECKED - MPV	REVISIONS -
PLOT DATE = 12/17/2021	DATE -	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
IL 83 OVER US 45

SCALE: SHEET 15 OF 52 SHEETS STA. TO STA.

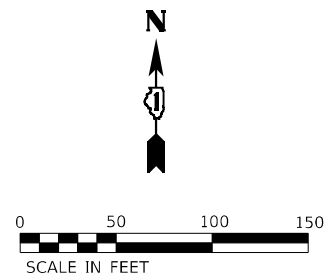
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2021-005-BR	COOK	52	14
CONTRACT NO. 62N34			ILLINOIS FED. AID PROJECT	

TEMPORARY PAVEMENT MARKING LEGEND

- (A) PAVT MARK L&S - TYPE IV TAPE
- (B) PAVT MARK LINE 4" SOLID WHITE - TYPE IV TAPE
- (C) PAVT MARK LINE 4" WHITE SKIP-DASH - TYPE IV TAPE (10' DASH, 30' SKIP)
- (D) PAVT MARK LINE 4" SOLID YELLOW - TYPE IV TAPE
- (E) PAVT MARK LINE 4" DOUBLE YELLOW - TYPE IV TAPE
- (F) PAVT MARK LINE 6" WHITE DOTTED - TYPE IV TAPE (3' DASH, 9' SKIP)
- (G) PAVT MARK LINE 5" WHITE SKIP-DASH - TYPE IV TAPE (10' DASH, 30' SKIP)
- (H) PAVT MARK LINE 6" SOLID WHITE - TYPE IV TAPE
- (I) PAVT MARK LINE 6" WHITE DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)
- (J) PAVT MARK LINE 8" SOLID WHITE - TYPE IV TAPE
- (K) PAVT MARK LINE 8" WHITE DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)
- (L) PAVT MARK LINE 12" SOLID WHITE - TYPE IV TAPE (30' C-C @ 45°)
- (M) PAVT MARK LINE 12" SOLID YELLOW - TYPE IV TAPE (45° DIAGONALS)
- (N) PAVT MARK LINE 24" SOLID WHITE - TYPE IV TAPE
- (O) PAVT MARK LINE 4" YELLOW DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)

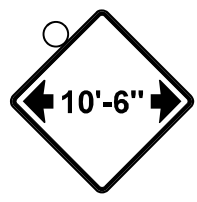
SIGNING LEGEND

- 14**
MAX WIDTH 10'-6"
AHEAD ON
NORTH
ILLINOIS 83
W12-1103-4848
M3-1-2412
M1-5-2424
- 15**
MAX WIDTH 10'-6"
AHEAD ON
SOUTH
ILLINOIS 83
W12-1103-4848
M3-3-2412
M1-5-2424

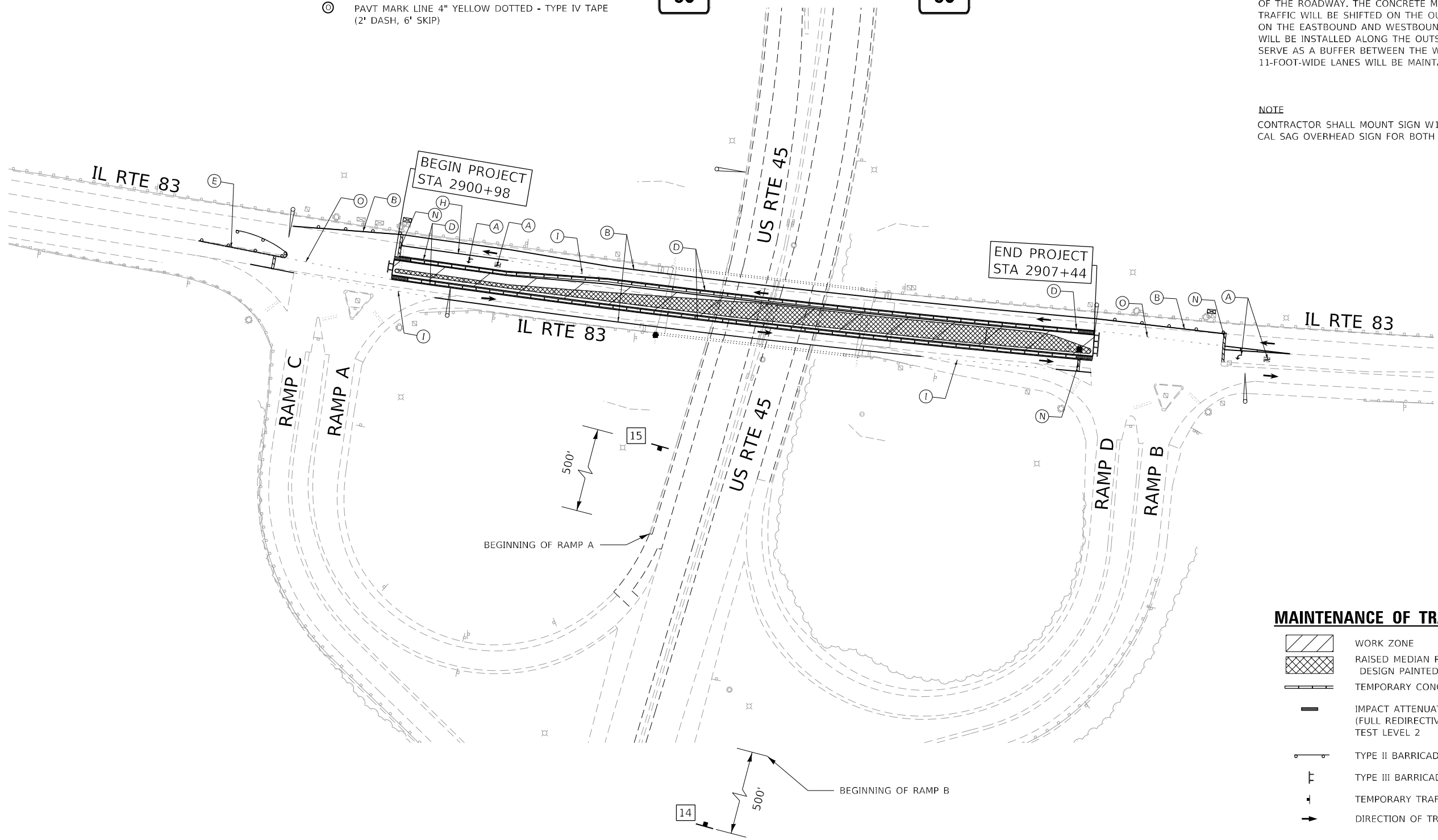


PRE-STAGE
IL-83
A 20-FOOT-WIDE WORK ZONE WILL BE ESTABLISHED IN THE CENTER OF THE ROADWAY. THE CONCRETE MEDIAN WILL BE REMOVED. TRAFFIC WILL BE SHIFTED ON THE OUTSIDES OF THE WORK ZONE ON THE EASTBOUND AND WESTBOUND SIDES. CONCRETE BARRIERS WILL BE INSTALLED ALONG THE OUTSIDES OF THE WORK ZONE TO SERVE AS A BUFFER BETWEEN THE WORK ZONE AND TRAFFIC. TWO, 11-FOOT-WIDE LANES WILL BE MAINTAINED.

NOTE
CONTRACTOR SHALL MOUNT SIGN W12-1102(O)-48 ON IL-83 CAL SAG OVERHEAD SIGN FOR BOTH NB AND SB US-45.



W12-1102(O)-48



MAINTENANCE OF TRAFFIC LEGEND

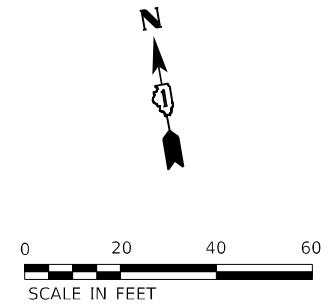
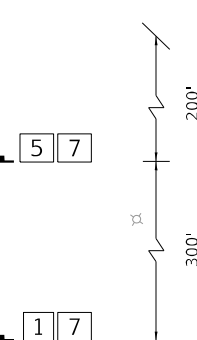
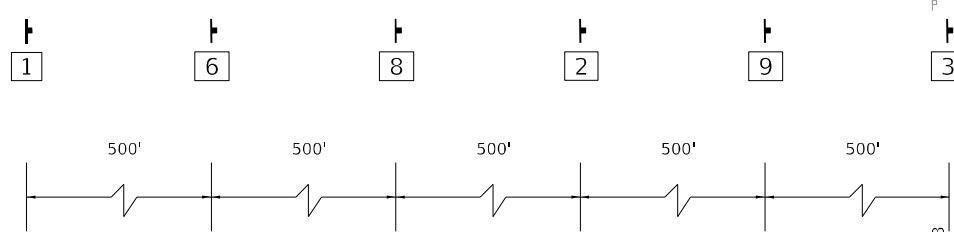
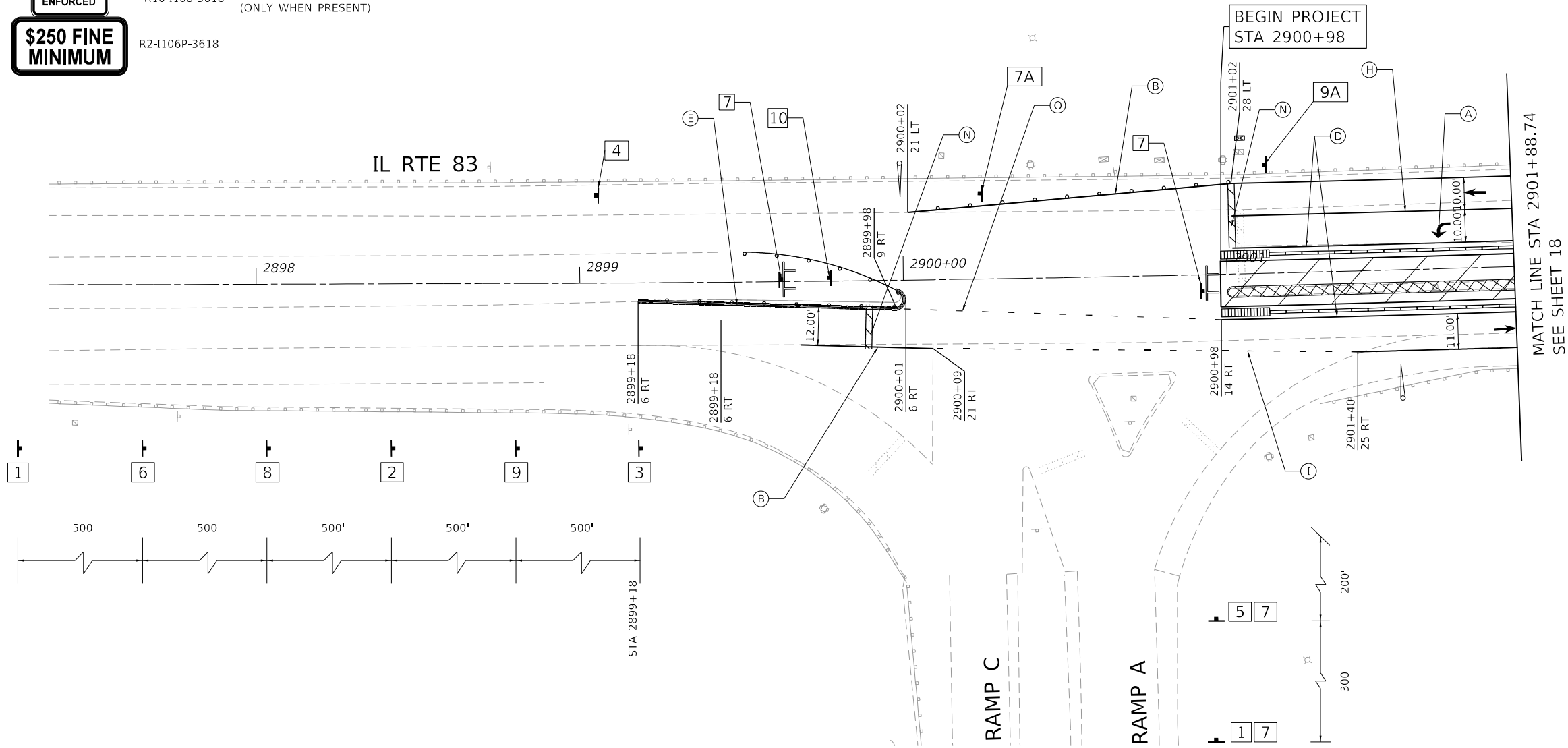
- WORK ZONE
- RAISED MEDIAN ROMVAL (SEE PLAN SHEET FOR DESIGN PAINTED MEDIAN)
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATOR, TEMPORARY (FULL REDIRECTIVE, NARROW) TEST LEVEL 2
- TYPE II BARRICADE OR DRUM
- TYPE III BARRICADE
- TEMPORARY TRAFFIC SIGN
- DIRECTION OF TRAFFIC

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	USER NAME = njoseph	DESIGNED - OM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC SCHEMATIC PLAN - PRE STAGE			F.A.P. RTE. 344	SECTION 2021-005-BR	COUNTY COOK	TOTAL SHEETS 52	SHEET NO. 18
	PLOT SCALE = 100,0000' / in.	CHECKED - BA	REVISED -		REVISED -	SCALE: 1" = 50'	SHEET OF 40 SHEETS	STA. TO STA.	CONTRACT NO. 62N34			
	PLOT DATE = 1/5/2022	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

SIGNING LEGEND

1	2	3	4	5	6	7	7A	8	9	9A	10	
W20-1103(0)-48	W21-1115(0)-3618 R2-1-3648 R10-1108-3618 R2-1106P-3618	W21-1(0)-48 (ONLY WHEN PRESENT)	G20-1103-6036	W12-1102(0)-48	W12-1103-4848	W1-6R(0)-6030 (MOUNTED ON TYPE III BARRICADE)	W1-6L(0)-6030 (MOUNTED ON TYPE III BARRICADE)	W3-5(0)-48	W1-4R(0)-48 W13-1(0)-2424	W1-4L(0)-48 W13-1(0)-2424	R4-7BR	



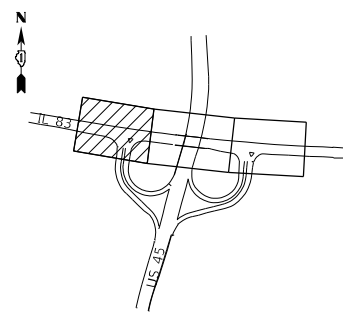
MAINTENANCE OF TRAFFIC LEGEND

	WORK ZONE
	RAISED MEDIAN REMOVAL (SEE PLAN SHEET FOR DESIGN PAINTED MEDIAN)
	TEMPORARY CONCRETE BARRIER
	TEMPORARY CONCRETE BARRIER WITH MODULAR GLARE SCREEN SYSTEM, TEMPORARY
	IMPACT ATTENUATOR, TEMPORARY (FULL REDIRECTIVE, NARROW) TEST LEVEL 3
	TYPE II BARRICADE OR DRUM
	TYPE III BARRICADE
	TEMPORARY TRAFFIC SIGN
	DIRECTION OF TRAFFIC

TEMPORARY PAVEMENT MARKING LEGEND

(A) PAVT MARK L&S - TYPE IV TAPE	(I) PAVT MARK LINE 6" WHITE DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)	(O) PAVT MARK LINE 4" YELLOW DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)
(B) PAVT MARK LINE 4" SOLID WHITE - TYPE IV TAPE	(J) PAVT MARK LINE 8" SOLID WHITE - TYPE IV TAPE	
(C) PAVT MARK LINE 4" WHITE SKIP-DASH - TYPE IV TAPE (10' DASH, 30' SKIP)	(K) PAVT MARK LINE 8" WHITE DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)	
(D) PAVT MARK LINE 4" SOLID YELLOW - TYPE IV TAPE	(L) PAVT MARK LINE 12" SOLID WHITE - TYPE IV TAPE (30' C-C @ 45°)	
(E) PAVT MARK LINE 4" DOUBLE YELLOW - TYPE IV TAPE	(M) PAVT MARK LINE 12" SOLID YELLOW - TYPE IV TAPE (45° DIAGONALS)	
(F) PAVT MARK LINE 6" WHITE DOTTED - TYPE IV TAPE (3' DASH, 9' SKIP)	(N) PAVT MARK LINE 24" SOLID WHITE - TYPE IV TAPE	
(G) PAVT MARK LINE 5" WHITE SKIP-DASH - TYPE IV TAPE (10' DASH, 30' SKIP)		
(H) PAVT MARK LINE 6" SOLID WHITE - TYPE IV TAPE		

KEY MAP



AEG ATLAS ENGINEERING GROUP, LTD.

USER NAME = njoseph
 DESIGNED - OM
 DRAWN - NJ
 PLOT SCALE = 40,0000 * / in.
 CHECKED - BA
 PLOT DATE = 1/5/2022

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 IL 83 - PRE STAGE**

SCALE: 1" = 20' SHEET OF 40 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2021-005-BR	COOK	52	19
CONTRACT NO. 62N34				

ILLINOIS FED. AID PROJECT

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SIGNING LEGEND

2


WORK ZONE

SPEED LIMIT


45

PHOTO ENFORCED

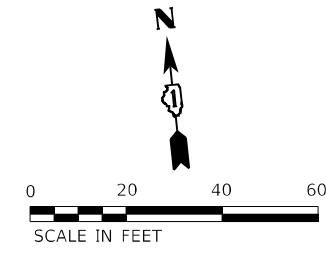
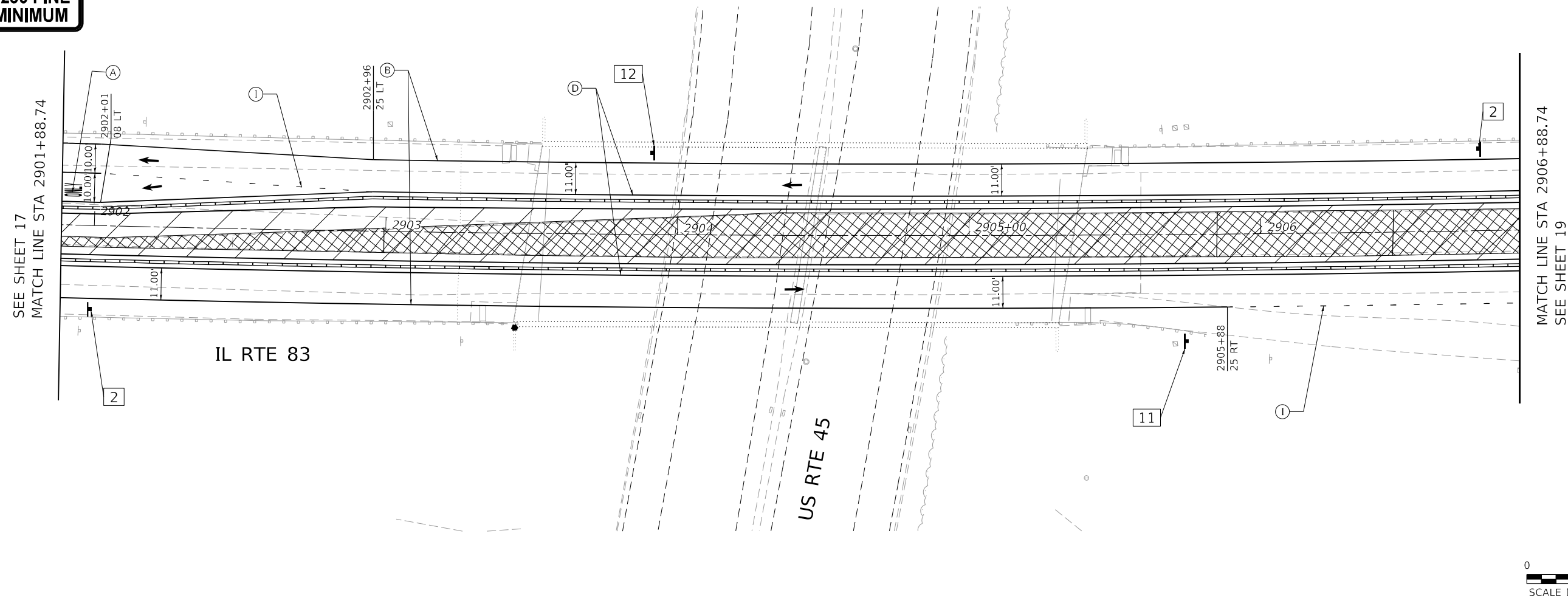
\$250 FINE MINIMUM












R3-8RT



R3-8LT



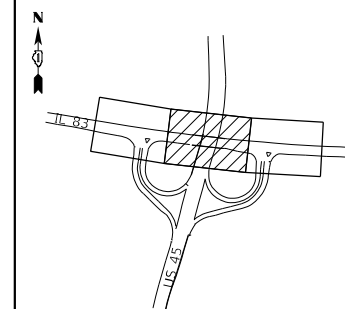
MAINTENANCE OF TRAFFIC LEGEND

-  WORK ZONE
-  RAISED MEDIAN REMOVAL (SEE PLAN SHEET FOR DESIGN PAINTED MEDIAN)
-  TEMPORARY CONCRETE BARRIER
-  TEMPORARY CONCRETE BARRIER WITH MODULAR GLARE SCREEN SYSTEM, TEMPORARY
-  IMPACT ATTENUATOR, TEMPORARY (FULL REDIRECTIVE, NARROW) TEST LEVEL 3
-  TYPE II BARRICADE OR DRUM
-  TYPE III BARRICADE
-  TEMPORARY TRAFFIC SIGN
-  DIRECTION OF TRAFFIC

TEMPORARY PAVEMENT MARKING LEGEND

- (A) PAVT MARK L&S - TYPE IV TAPE
- (I) PAVT MARK LINE 6" WHITE DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)
- (O) PAVT MARK LINE 4" YELLOW DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)
- (B) PAVT MARK LINE 4" SOLID WHITE - TYPE IV TAPE
- (J) PAVT MARK LINE 8" SOLID WHITE - TYPE IV TAPE
- (K) PAVT MARK LINE 8" WHITE DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)
- (C) PAVT MARK LINE 4" WHITE SKIP-DASH - TYPE IV TAPE (10' DASH, 30' SKIP)
- (L) PAVT MARK LINE 12" SOLID WHITE - TYPE IV TAPE (30' C-C @ 45°)
- (D) PAVT MARK LINE 4" SOLID YELLOW - TYPE IV TAPE
- (M) PAVT MARK LINE 12" SOLID YELLOW - TYPE IV TAPE (45° DIAGONALS)
- (E) PAVT MARK LINE 4" DOUBLE YELLOW - TYPE IV TAPE
- (N) PAVT MARK LINE 24" SOLID WHITE - TYPE IV TAPE
- (F) PAVT MARK LINE 6" WHITE DOTTED - TYPE IV TAPE (3' DASH, 9' SKIP)
- (G) PAVT MARK LINE 5" WHITE SKIP-DASH - TYPE IV TAPE (10' DASH, 30' SKIP)
- (H) PAVT MARK LINE 6" SOLID WHITE - TYPE IV TAPE

KEY MAP

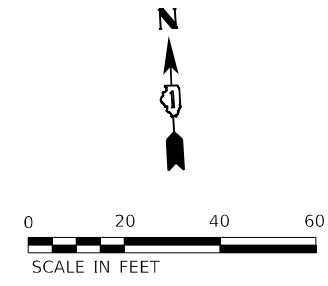
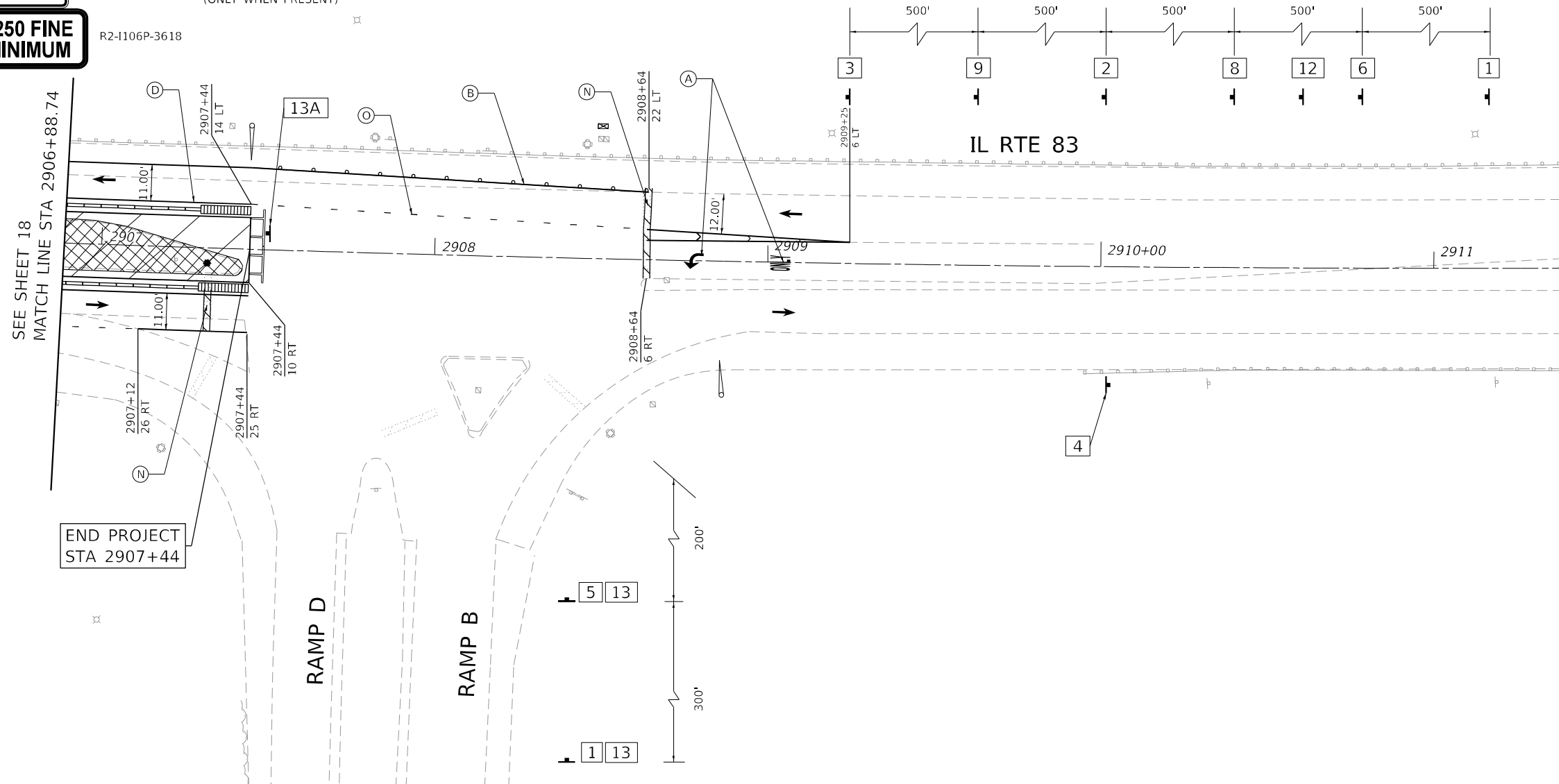


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	USER NAME = njoseph	DESIGNED - OM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC IL 83 - PRE STAGE	F.A.P. RTE. 344	SECTION 2021-005-BR	COUNTY COOK	TOTAL SHEETS 52	SHEET NO. 20
	PLOT SCALE = 40,0000 */ in.	CHECKED - BA	REVISIED -			SCALE: 1" = 20'	SHEET 22	OF 40	SHEETS	STA.
	PLOT DATE = 1/5/2022	DATE -	REVISIED -							ILLINOIS FED. AID PROJECT

SIGNING LEGEND

1	2	3	4	5	6	8	9	10	12	13	13A
W20-1103(0)-48	W21-1115(0)-3618 R2-1-3648 R10-1108-3618 R2-1106P-3618	W21-1(0)-48 (ONLY WHEN PRESENT)	G20-1103-6036	W12-1102(0)-48	W12-1103-4848	W3-5(0)-48	W13-1(0)-2424	W1-4R(0)-48 W1-6L(0)-6030 (MOUNTED ON TYPE III BARRICADE)	R4-7BR	R3-8LT	W1-6R(0)-6030 (MOUNTED ON TYPE III BARRICADE)
	\$250 FINE MINIMUM										



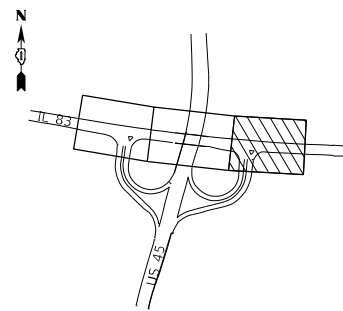
MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE
- RAISED MEDIAN REMOVAL (SEE PLAN SHEET FOR DESIGN PAINTED MEDIAN)
- TEMPORARY CONCRETE BARRIER
- TEMPORARY CONCRETE BARRIER WITH MODULAR GLARE SCREEN SYSTEM, TEMPORARY
- IMPACT ATTENUATOR, TEMPORARY (FULL REDIRECTIVE, NARROW) TEST LEVEL 3
- TYPE II BARRICADE OR DRUM
- TYPE III BARRICADE
- TEMPORARY TRAFFIC SIGN
- DIRECTION OF TRAFFIC

TEMPORARY PAVEMENT MARKING LEGEND

- (A) PAVT MARK L&S - TYPE IV TAPE
- (B) PAVT MARK LINE 4" SOLID WHITE - TYPE IV TAPE
- (C) PAVT MARK LINE 4" WHITE SKIP-DASH - TYPE IV TAPE (10' DASH, 30' SKIP)
- (D) PAVT MARK LINE 4" SOLID YELLOW - TYPE IV TAPE
- (E) PAVT MARK LINE 4" DOUBLE YELLOW - TYPE IV TAPE
- (F) PAVT MARK LINE 6" WHITE DOTTED - TYPE IV TAPE (3' DASH, 9' SKIP)
- (G) PAVT MARK LINE 5" WHITE SKIP-DASH - TYPE IV TAPE (10' DASH, 30' SKIP)
- (H) PAVT MARK LINE 6" SOLID WHITE - TYPE IV TAPE
- (I) PAVT MARK LINE 6" WHITE DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)
- (J) PAVT MARK LINE 8" SOLID WHITE - TYPE IV TAPE
- (K) PAVT MARK LINE 8" WHITE DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)
- (L) PAVT MARK LINE 12" SOLID WHITE - TYPE IV TAPE (30' C-C @ 45°)
- (M) PAVT MARK LINE 12" SOLID YELLOW - TYPE IV TAPE (45° DIAGONALS)
- (N) PAVT MARK LINE 24" SOLID WHITE - TYPE IV TAPE
- (O) PAVT MARK LINE 4" YELLOW DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)

KEY MAP



AEG ATLAS ENGINEERING GROUP, LTD.

USER NAME = njoseph
PLOT SCALE = 40,0000 * / in.
PLOT DATE = 1/5/2022

DESIGNED - OM
DRAWN - NJ
CHECKED - BA
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
IL 83 - PRE STAGE**

SCALE: 1" = 20' SHEET OF 40 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2021-005-BR	COOK	52	21
CONTRACT NO. 62N34				
ILLINOIS FED. AID PROJECT				

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TEMPORARY PAVEMENT MARKING LEGEND

- (A) PAVT MARK L&S - TYPE IV TAPE
- (B) PAVT MARK LINE 4" SOLID WHITE - TYPE IV TAPE
- (C) PAVT MARK LINE 4" WHITE SKIP-DASH - TYPE IV TAPE (10' DASH, 30' SKIP)
- (D) PAVT MARK LINE 4" SOLID YELLOW - TYPE IV TAPE
- (E) PAVT MARK LINE 4" DOUBLE YELLOW - TYPE IV TAPE
- (F) PAVT MARK LINE 6" WHITE DOTTED - TYPE IV TAPE (3' DASH, 9' SKIP)
- (G) PAVT MARK LINE 5" WHITE SKIP-DASH - TYPE IV TAPE (10' DASH, 30' SKIP)
- (H) PAVT MARK LINE 6" SOLID WHITE - TYPE IV TAPE
- (I) PAVT MARK LINE 6" WHITE DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)
- (J) PAVT MARK LINE 8" SOLID WHITE - TYPE IV TAPE
- (K) PAVT MARK LINE 8" WHITE DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)
- (L) PAVT MARK LINE 12" SOLID WHITE - TYPE IV TAPE (30' C-C @ 45°)
- (M) PAVT MARK LINE 12" SOLID YELLOW - TYPE IV TAPE (45° DIAGONALS)
- (N) PAVT MARK LINE 24" SOLID WHITE - TYPE IV TAPE
- (O) PAVT MARK LINE 4" YELLOW DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)

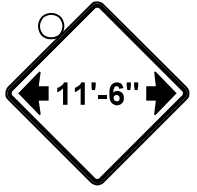
SIGNING LEGEND

20	21
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M3-1-2412	M3-3-2412
M1-5-2424	M1-5-2424

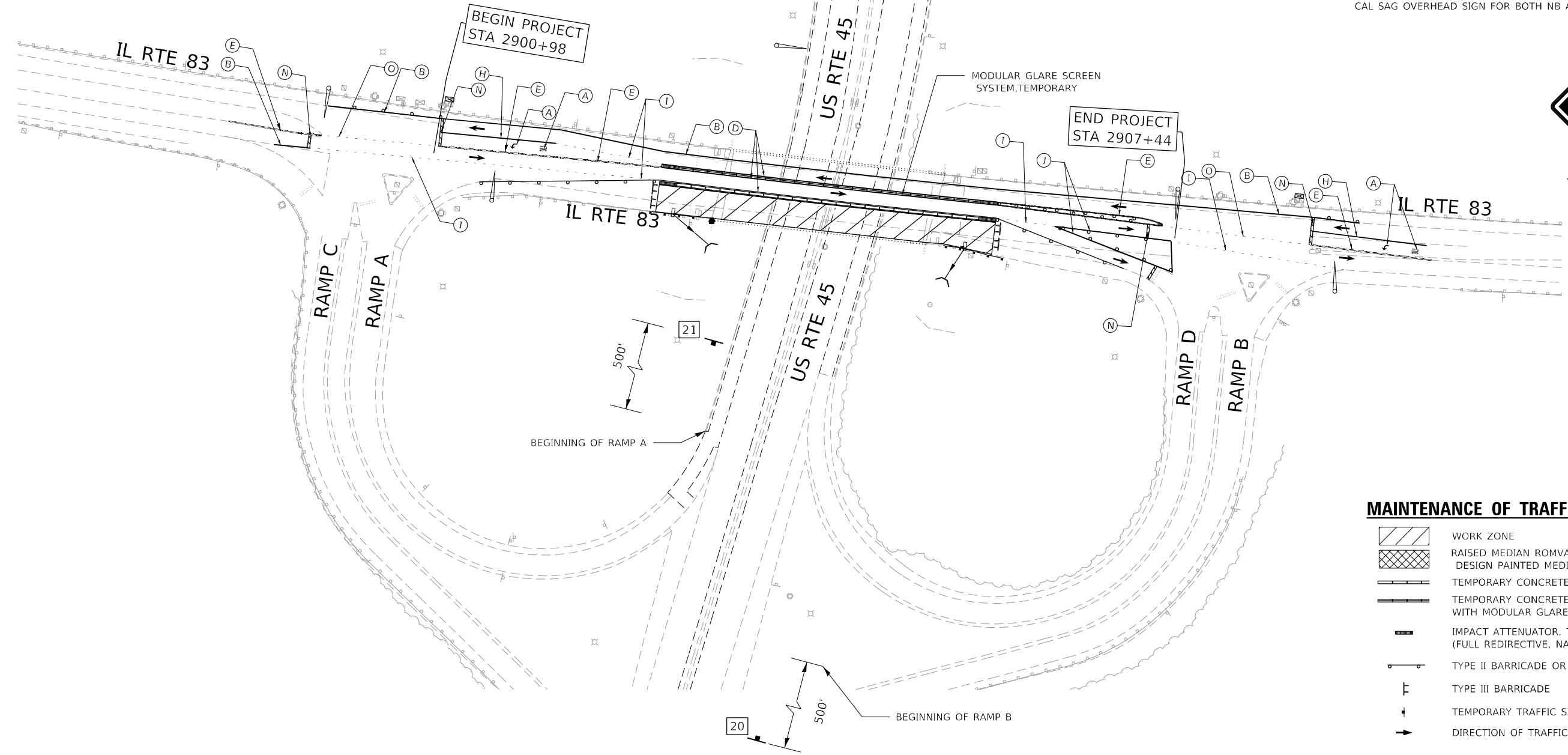


STAGE I
IL-83
WORK WILL BE PERFORMED ON THE SOUTHERN SIDE OF THE ROADWAY. A WORK ZONE EXTENDING 23 FEET FROM THE EDGE OF ROADWAY WILL BE ESTABLISHED. TRAFFIC WILL BE SHIFTED NORTH OF THE WORK ZONE. CONCRETE BARRIERS WILL BE INSTALLED TO SERVE AS A BUFFER BETWEEN THE WORK ZONE AND TRAFFIC. A TEMPORARY TRAFFIC BARRIER WALL WILL BE USED TO SEPARATE TRAFFIC. ONE, 11-FOOT-WIDE LANE WILL BE MAINTAINED IN EACH DIRECTION.

NOTE
CONTRACTOR SHALL MOUNT SIGN W12-1102(O)-48 ON IL-83 CAL SAG OVERHEAD SIGN FOR BOTH NB AND SB US-45.



W12-1102(O)-48



MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE
- RAISED MEDIAN REMOVAL (SEE PLAN SHEET FOR DESIGN PAINTED MEDIAN)
- TEMPORARY CONCRETE BARRIER
- TEMPORARY CONCRETE BARRIER WITH MODULAR GLARE SCREEN SYSTEM, TEMPORARY
- IMPACT ATTENUATOR, TEMPORARY (FULL REDIRECTIVE, NARROW) TEST LEVEL 2
- TYPE II BARRICADE OR DRUM
- TYPE III BARRICADE
- TEMPORARY TRAFFIC SIGN
- DIRECTION OF TRAFFIC

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USER NAME = njoseph	DESIGNED - OM	REVISED -
DRAWN - NJ	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED - BA	REVISED -
PLOT DATE = 1/5/2022	DATE -	REVISED -










**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

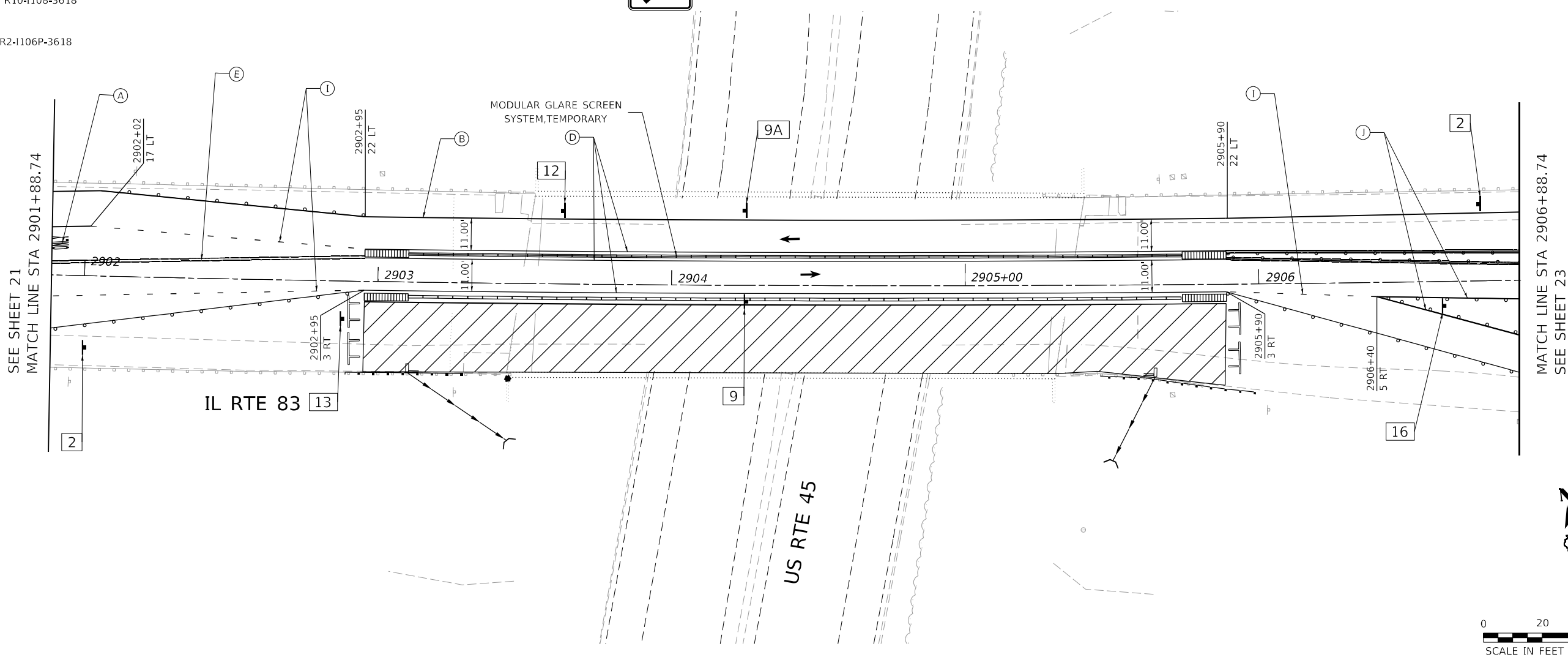
**MAINTENANCE OF TRAFFIC
SCHEMATIC PLAN - STAGE 1**

SCALE: 1" = 50' SHEET OF 40 SHEETS STA. TO STA.










F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2021-005-BR	COOK	52	22
CONTRACT NO. 62N34				
ILLINOIS FED. AID PROJECT				

SIGNING LEGEND

2	9	9A	12	13	16	
 WORK ZONE SPEED LIMIT 45 PHOTO ENFORCED \$250 FINE MINIMUM	W21-I115(0)-3618  W1-4L(0)-48  R2-1-3648 R10-I108-3618 R2-I106P-3618	 W1-4R(0)-48  W13-1(0)-2424 W13-1(0)-2424	 R3-8LT W1-6L(0)-6030 (MOUNTED ON TYPE III BARRICADE)	 W1-6L(0)-6030 (MOUNTED ON TYPE III BARRICADE)	 NORTH 45  M3-1-2412 M1-4-2424 M6-2-2115	



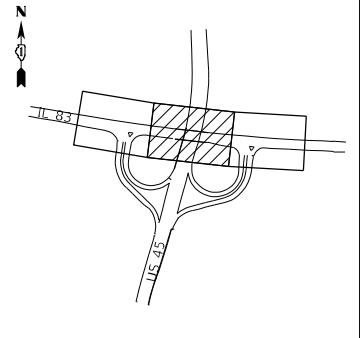
MAINTENANCE OF TRAFFIC LEGEND


	WORK ZONE
	RAISED MEDIAN REMOVAL (SEE PLAN SHEET FOR DESIGN PAINTED MEDIAN)
	TEMPORARY CONCRETE BARRIER
	TEMPORARY CONCRETE BARRIER WITH MODULAR GLARE SCREEN SYSTEM, TEMPORARY
	IMPACT ATTENUATOR, TEMPORARY (FULL REDIRECTIVE, NARROW) TEST LEVEL 3
	TYPE II BARRICADE OR DRUM
	TYPE III BARRICADE
	TEMPORARY TRAFFIC SIGN
	DIRECTION OF TRAFFIC

TEMPORARY PAVEMENT MARKING LEGEND

(A)	PAVT MARK L&S - TYPE IV TAPE	(I)	PAVT MARK LINE 6" WHITE DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)	(O)	PAVT MARK LINE 4" YELLOW DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)
(B)	PAVT MARK LINE 4" SOLID WHITE - TYPE IV TAPE	(J)	PAVT MARK LINE 8" SOLID WHITE - TYPE IV TAPE		
(C)	PAVT MARK LINE 4" WHITE SKIP-DASH - TYPE IV TAPE (10' DASH, 30' SKIP)	(K)	PAVT MARK LINE 8" WHITE DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)		
(D)	PAVT MARK LINE 4" SOLID YELLOW - TYPE IV TAPE	(L)	PAVT MARK LINE 12" SOLID WHITE - TYPE IV TAPE (30' C-C @ 45°)		
(E)	PAVT MARK LINE 4" DOUBLE YELLOW - TYPE IV TAPE	(M)	PAVT MARK LINE 12" SOLID YELLOW - TYPE IV TAPE (45° DIAGONALS)		
(F)	PAVT MARK LINE 6" WHITE DOTTED - TYPE IV TAPE (3' DASH, 9' SKIP)	(N)	PAVT MARK LINE 24" SOLID WHITE - TYPE IV TAPE		
(G)	PAVT MARK LINE 5" WHITE SKIP-DASH - TYPE IV TAPE (10' DASH, 30' SKIP)				
(H)	PAVT MARK LINE 6" SOLID WHITE - TYPE IV TAPE				

KEY MAP

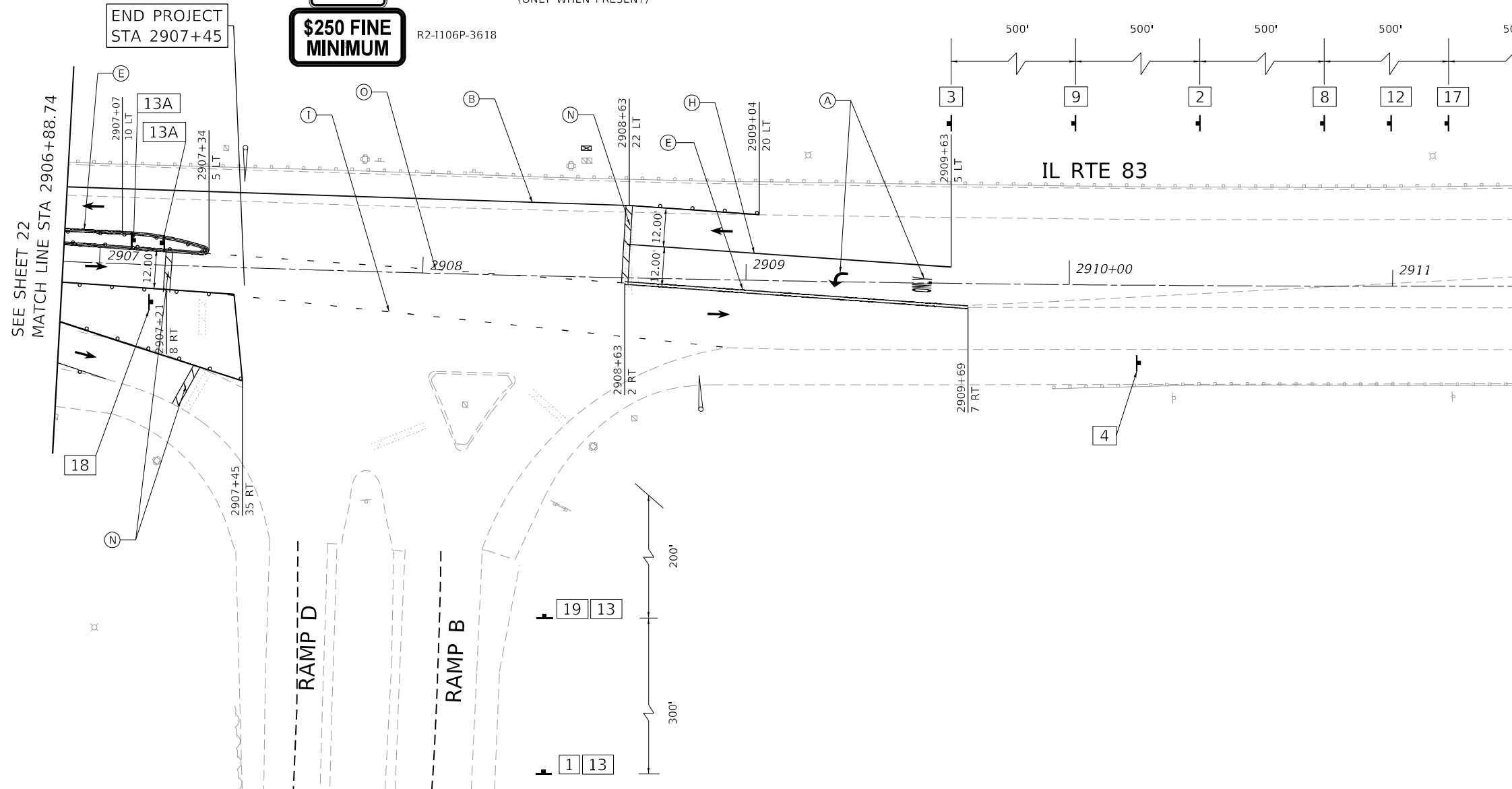


 ATLAS ENGINEERING GROUP, LTD.	USER NAME = njoseph PLOT SCALE = 40,0000 * / in. PLOT DATE = 1/6/2022	DESIGNED - OM DRAWN - NJ CHECKED - BA DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC IL 83 - STAGE 1	F.A.P. RTE. 344 SECTION 2021-005-BR COUNTY COOK TOTAL SHEETS 52 SHEET NO. 24 CONTRACT NO. 62N34	ILLINOIS FED. AID PROJECT
	SCALE: 1" = 20' SHEET OF 40 SHEETS STA. TO STA.						

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SIGNING LEGEND

1	2	3	4	8	9	10	12	13	13A	17	18	19
W20-1103(0)-48	W21-1115(0)-3618 R2-1-3648 R10-1108-3618 R2-1106P-3618	W21-I(0)-48 (ONLY WHEN PRESENT)	G20-1103-6036	W3-5(0)-48	W13-1(0)-2424	W1-4R(0)-48 R4-7BR	R3-8LT	W1-6L(0)-6030 (MOUNTED ON TYPE III BARRICADE)	W1-6R(0)-6030 (MOUNTED ON TYPE III BARRICADE)	W12-1103-4848	R3-5a-3036	W12-1102(0)-48



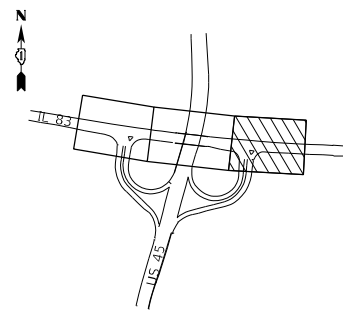
MAINTENANCE OF TRAFFIC LEGEND

	WORK ZONE
	RAISED MEDIAN REMOVAL (SEE PLAN SHEET FOR DESIGN PAINTED MEDIAN)
	TEMPORARY CONCRETE BARRIER
	TEMPORARY CONCRETE BARRIER WITH MODULAR GLARE SCREEN SYSTEM, TEMPORARY
	IMPACT ATTENUATOR, TEMPORARY (FULL REDIRECTIVE, NARROW) TEST LEVEL 3
	TYPE II BARRICADE OR DRUM
	TYPE III BARRICADE
	TEMPORARY TRAFFIC SIGN
	DIRECTION OF TRAFFIC

TEMPORARY PAVEMENT MARKING LEGEND

(A) PAVT MARK L&S - TYPE IV TAPE	(I) PAVT MARK LINE 6" WHITE DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)	(O) PAVT MARK LINE 4" YELLOW DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)
(B) PAVT MARK LINE 4" SOLID WHITE - TYPE IV TAPE	(J) PAVT MARK LINE 8" SOLID WHITE - TYPE IV TAPE	
(C) PAVT MARK LINE 4" WHITE SKIP-DASH - TYPE IV TAPE (10' DASH, 30' SKIP)	(K) PAVT MARK LINE 8" WHITE DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)	
(D) PAVT MARK LINE 4" SOLID YELLOW - TYPE IV TAPE	(L) PAVT MARK LINE 12" SOLID WHITE - TYPE IV TAPE (30' C-C @ 45°)	
(E) PAVT MARK LINE 4" DOUBLE YELLOW - TYPE IV TAPE	(M) PAVT MARK LINE 12" SOLID YELLOW - TYPE IV TAPE (45° DIAGONALS)	
(F) PAVT MARK LINE 6" WHITE DOTTED - TYPE IV TAPE (3' DASH, 9' SKIP)	(N) PAVT MARK LINE 24" SOLID WHITE - TYPE IV TAPE	
(G) PAVT MARK LINE 5" WHITE SKIP-DASH - TYPE IV TAPE (10' DASH, 30' SKIP)		
(H) PAVT MARK LINE 6" SOLID WHITE - TYPE IV TAPE		

KEY MAP



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USER NAME = njoseph	DESIGNED - OM
PLOT SCALE = 40,0000 * / in.	DRAWN - NJ
PLOT DATE = 1/5/2022	CHECKED - BA
	DATE -

REVISD -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
IL 83 - STAGE 1**

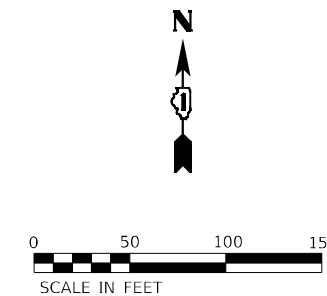
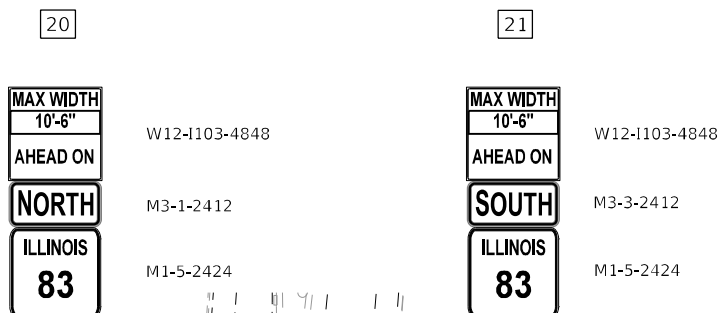
SCALE: 1" = 20' SHEET OF 40 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2021-005-BR	COOK	52	25
CONTRACT NO. 62N34				
ILLINOIS FED. AID PROJECT				

TEMPORARY PAVEMENT MARKING LEGEND

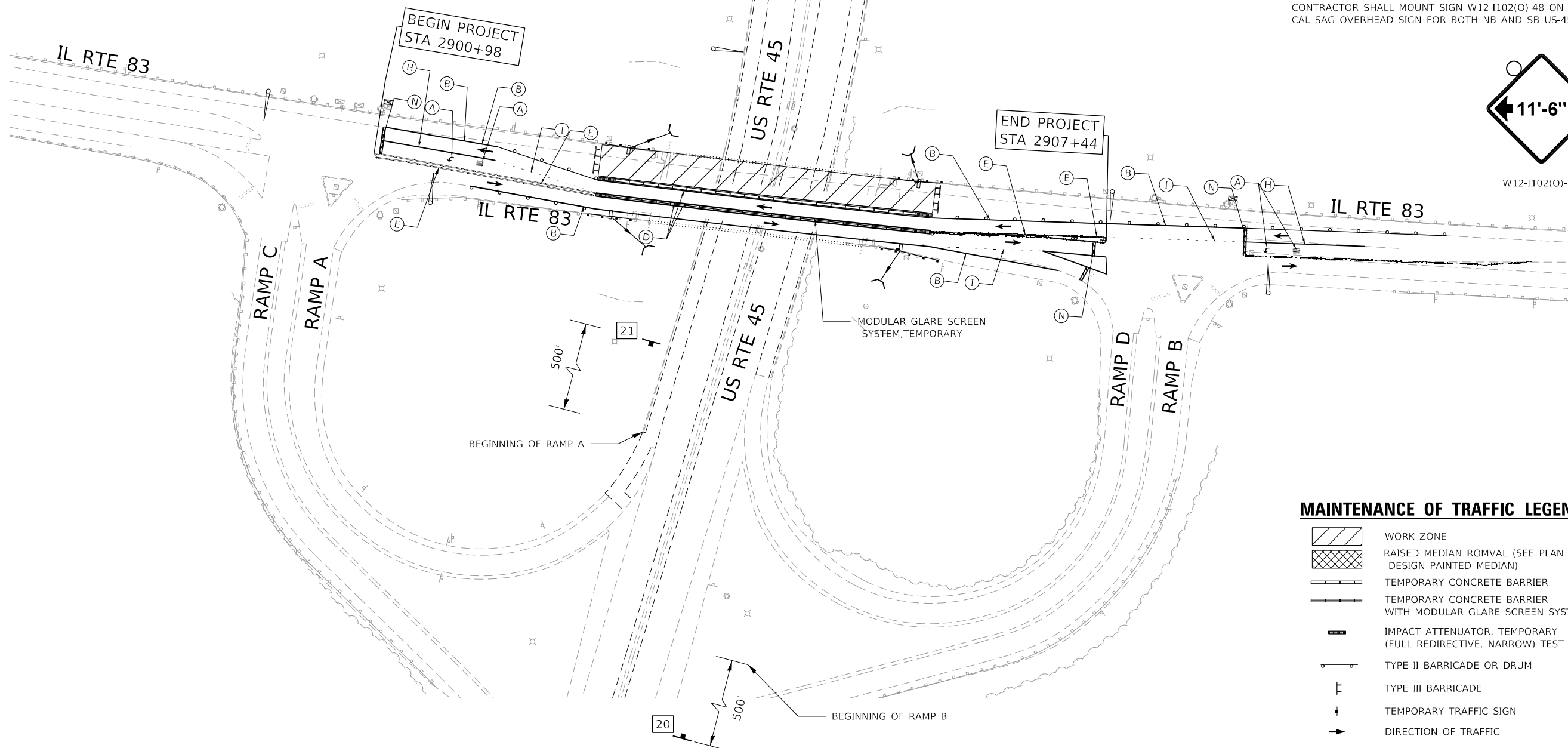
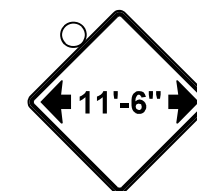
- (A) PAVT MARK L&S - TYPE IV TAPE
- (B) PAVT MARK LINE 4" SOLID WHITE - TYPE IV TAPE
- (C) PAVT MARK LINE 4" WHITE SKIP-DASH - TYPE IV TAPE (10' DASH, 30' SKIP)
- (D) PAVT MARK LINE 4" SOLID YELLOW - TYPE IV TAPE
- (E) PAVT MARK LINE 4" DOUBLE YELLOW - TYPE IV TAPE
- (F) PAVT MARK LINE 6" WHITE DOTTED - TYPE IV TAPE (3' DASH, 9' SKIP)
- (G) PAVT MARK LINE 5" WHITE SKIP-DASH - TYPE IV TAPE (10' DASH, 30' SKIP)
- (H) PAVT MARK LINE 6" SOLID WHITE - TYPE IV TAPE
- (I) PAVT MARK LINE 6" WHITE DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)
- (J) PAVT MARK LINE 8" SOLID WHITE - TYPE IV TAPE
- (K) PAVT MARK LINE 8" WHITE DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)
- (L) PAVT MARK LINE 12" SOLID WHITE - TYPE IV TAPE (30' C-C @ 45°)
- (M) PAVT MARK LINE 12" SOLID YELLOW - TYPE IV TAPE (45° DIAGONALS)
- (N) PAVT MARK LINE 24" SOLID WHITE - TYPE IV TAPE
- (O) PAVT MARK LINE 4" YELLOW DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)

SIGNING LEGEND



STAGE II
 IL-83
 WORK WILL BE PERFORMED ON THE NORTHERN SIDE OF THE ROADWAY. A WORK ZONE EXTENDING 27 FEET FROM THE EDGE OF ROADWAY WILL BE ESTABLISHED. TRAFFIC WILL BE SHIFTED SOUTH OF THE WORK ZONE. CONCRETE BARRIERS WILL BE INSTALLED TO SERVE AS A BUFFER BETWEEN THE WORK ZONE AND TRAFFIC. A TEMPORARY TRAFFIC BARRIER WALL WILL BE USED TO SEPARATE TRAFFIC. ONE, 11-FOOT-WIDE LANE WILL BE MAINTAINED IN EACH DIRECTION.

NOTE
 CONTRACTOR SHALL MOUNT SIGN W12-1102(O)-48 ON IL-83 CAL SAG OVERHEAD SIGN FOR BOTH NB AND SB US-45.



MAINTENANCE OF TRAFFIC LEGEND

- WORK ZONE
- RAISED MEDIAN ROMVAL (SEE PLAN SHEET FOR DESIGN PAINTED MEDIAN)
- TEMPORARY CONCRETE BARRIER
- TEMPORARY CONCRETE BARRIER WITH MODULAR GLARE SCREEN SYSTEM, TEMPORARY
- IMPACT ATTENUATOR, TEMPORARY (FULL REDIRECTIVE, NARROW) TEST LEVEL 2
- TYPE II BARRICADE OR DRUM
- TYPE III BARRICADE
- TEMPORARY TRAFFIC SIGN
- DIRECTION OF TRAFFIC

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 DRAWN: NJ
 CHECKED: BA
 DESIGNED: OM
 REVISIONS:



USER NAME = njoseph	DESIGNED - OM	REVISED -
DRAWN - NJ	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED - BA	REVISED -
PLOT DATE = 1/5/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

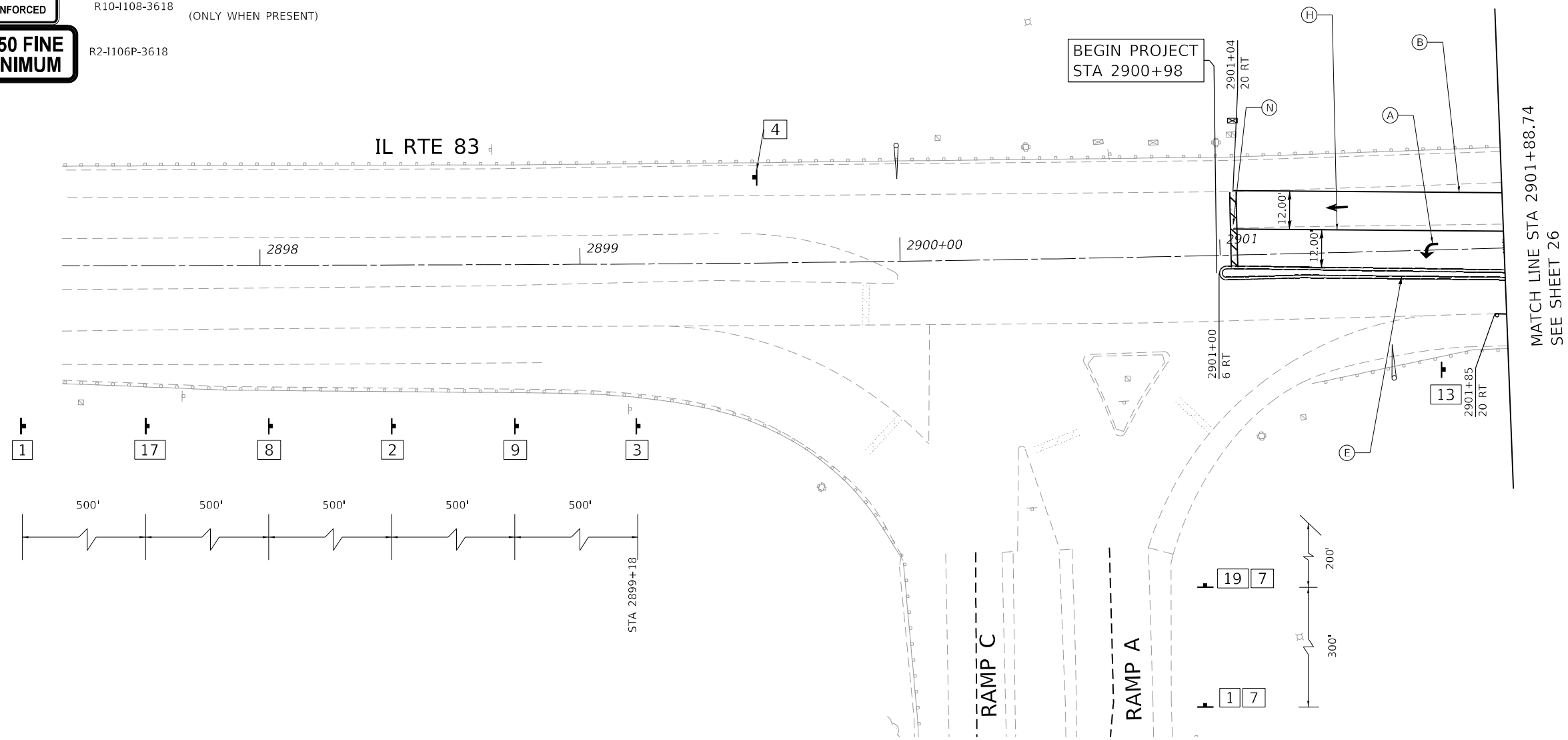
**MAINTENANCE OF TRAFFIC
 SCHEMATIC PLAN - STAGE 2**

SCALE: 1" = 50' SHEET OF 40 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2021-005-BR	COOK	52	26
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N34	

SIGNING LEGEND

1	2	3	4	7	8	9	13	17	19
W20-1103(0)-48	W21-1115(0)-3618 R2-1-3648 R10-1108-3618 R2-1106P-3618 \$250 FINE MINIMUM	W21-I(0)-48 (ONLY WHEN PRESENT)	G20-1103-6036	W1-6R(0)-6030 (MOUNTED ON TYPE III BARRICADE)	W3-5(0)-48	W13-1(0)-2424	W1-6L(0)-6030 (MOUNTED ON TYPE III BARRICADE)	W12-1103-4848	W12-1102(0)-48



MATCH LINE STA 2901+88.74
SEE SHEET 26

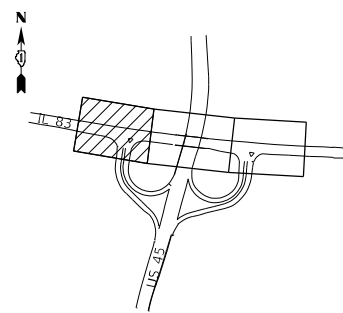
MAINTENANCE OF TRAFFIC LEGEND

	WORK ZONE
	RAISED MEDIAN REMOVAL (SEE PLAN SHEET FOR DESIGN PAINTED MEDIAN)
	TEMPORARY CONCRETE BARRIER
	TEMPORARY CONCRETE BARRIER WITH MODULAR GLARE SCREEN SYSTEM, TEMPORARY
	IMPACT ATTENUATOR, TEMPORARY (FULL REDIRECTIVE, NARROW) TEST LEVEL 3
	TYPE II BARRICADE OR DRUM
	TYPE III BARRICADE
	TEMPORARY TRAFFIC SIGN
	DIRECTION OF TRAFFIC

TEMPORARY PAVEMENT MARKING LEGEND

(A) PAVT MARK L&S - TYPE IV TAPE	(I) PAVT MARK LINE 6" WHITE DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)	(O) PAVT MARK LINE 4" YELLOW DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)
(B) PAVT MARK LINE 4" SOLID WHITE - TYPE IV TAPE	(J) PAVT MARK LINE 8" SOLID WHITE - TYPE IV TAPE	
(C) PAVT MARK LINE 4" WHITE SKIP-DASH - TYPE IV TAPE (10' DASH, 30' SKIP)	(K) PAVT MARK LINE 8" WHITE DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)	
(D) PAVT MARK LINE 4" SOLID YELLOW - TYPE IV TAPE	(L) PAVT MARK LINE 12" SOLID WHITE - TYPE IV TAPE (30' C-C @ 45°)	
(E) PAVT MARK LINE 4" DOUBLE YELLOW - TYPE IV TAPE	(M) PAVT MARK LINE 12" SOLID YELLOW - TYPE IV TAPE (45° DIAGONALS)	
(F) PAVT MARK LINE 6" WHITE DOTTED - TYPE IV TAPE (3' DASH, 9' SKIP)	(N) PAVT MARK LINE 24" SOLID WHITE - TYPE IV TAPE	
(G) PAVT MARK LINE 5" WHITE SKIP-DASH - TYPE IV TAPE (10' DASH, 30' SKIP)		
(H) PAVT MARK LINE 6" SOLID WHITE - TYPE IV TAPE		





KEY MAP

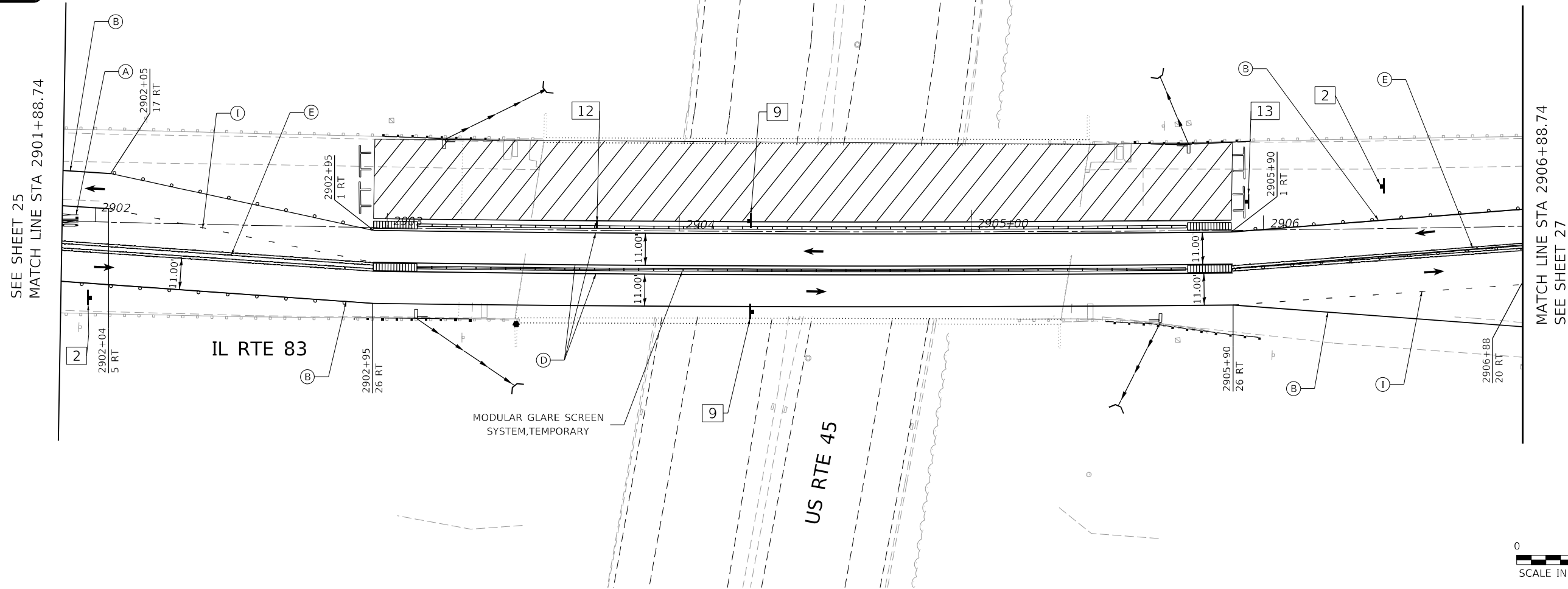


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






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	PLOT SCALE = 40,0000' / in.	CHECKED - BA	REVISED -				SCALE: 1" = 20'	SHEET OF 40 SHEETS	STA. TO STA.	CONTRACT NO. 62N34	
	PLOT DATE = 1/5/2022	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				

SIGNING LEGEND

2	9	12	13
 W21-1115(0)-3618 R2-1-3648 R10-1108-3618 R2-1106P-3618	 W1-4R(0)-48 W13-1(0)-2424	 R3-8LT W1-6L(0)-6030 (MOUNTED ON TYPE III BARRICADE)	



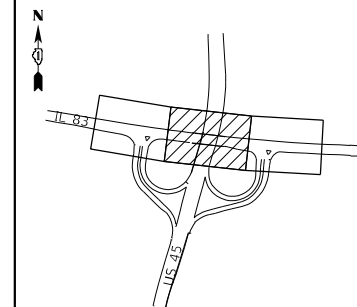
MAINTENANCE OF TRAFFIC LEGEND

-  WORK ZONE
-  RAISED MEDIAN REMOVAL (SEE PLAN SHEET FOR DESIGN PAINTED MEDIAN)
-  TEMPORARY CONCRETE BARRIER
-  TEMPORARY CONCRETE BARRIER WITH MODULAR GLARE SCREEN SYSTEM, TEMPORARY
-  IMPACT ATTENUATOR, TEMPORARY (FULL REDIRECTIVE, NARROW) TEST LEVEL 3
-  TYPE II BARRICADE OR DRUM
-  TYPE III BARRICADE
-  TEMPORARY TRAFFIC SIGN
-  DIRECTION OF TRAFFIC

TEMPORARY PAVEMENT MARKING LEGEND

- | | | |
|---|--|---|
| <ul style="list-style-type: none"> (A) PAVT MARK L&S - TYPE IV TAPE (B) PAVT MARK LINE 4" SOLID WHITE - TYPE IV TAPE (C) PAVT MARK LINE 4" WHITE SKIP-DASH - TYPE IV TAPE (10' DASH, 30' SKIP) (D) PAVT MARK LINE 4" SOLID YELLOW - TYPE IV TAPE (E) PAVT MARK LINE 4" DOUBLE YELLOW - TYPE IV TAPE (F) PAVT MARK LINE 6" WHITE DOTTED - TYPE IV TAPE (3' DASH, 9' SKIP) (G) PAVT MARK LINE 5" WHITE SKIP-DASH - TYPE IV TAPE (10' DASH, 30' SKIP) (H) PAVT MARK LINE 6" SOLID WHITE - TYPE IV TAPE | <ul style="list-style-type: none"> (I) PAVT MARK LINE 6" WHITE DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP) (J) PAVT MARK LINE 8" SOLID WHITE - TYPE IV TAPE (K) PAVT MARK LINE 8" WHITE DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP) (L) PAVT MARK LINE 12" SOLID WHITE - TYPE IV TAPE (30' C-C @ 45°) (M) PAVT MARK LINE 12" SOLID YELLOW - TYPE IV TAPE (45° DIAGONALS) (N) PAVT MARK LINE 24" SOLID WHITE - TYPE IV TAPE | <ul style="list-style-type: none"> (O) PAVT MARK LINE 4" YELLOW DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP) |
|---|--|---|

KEY MAP

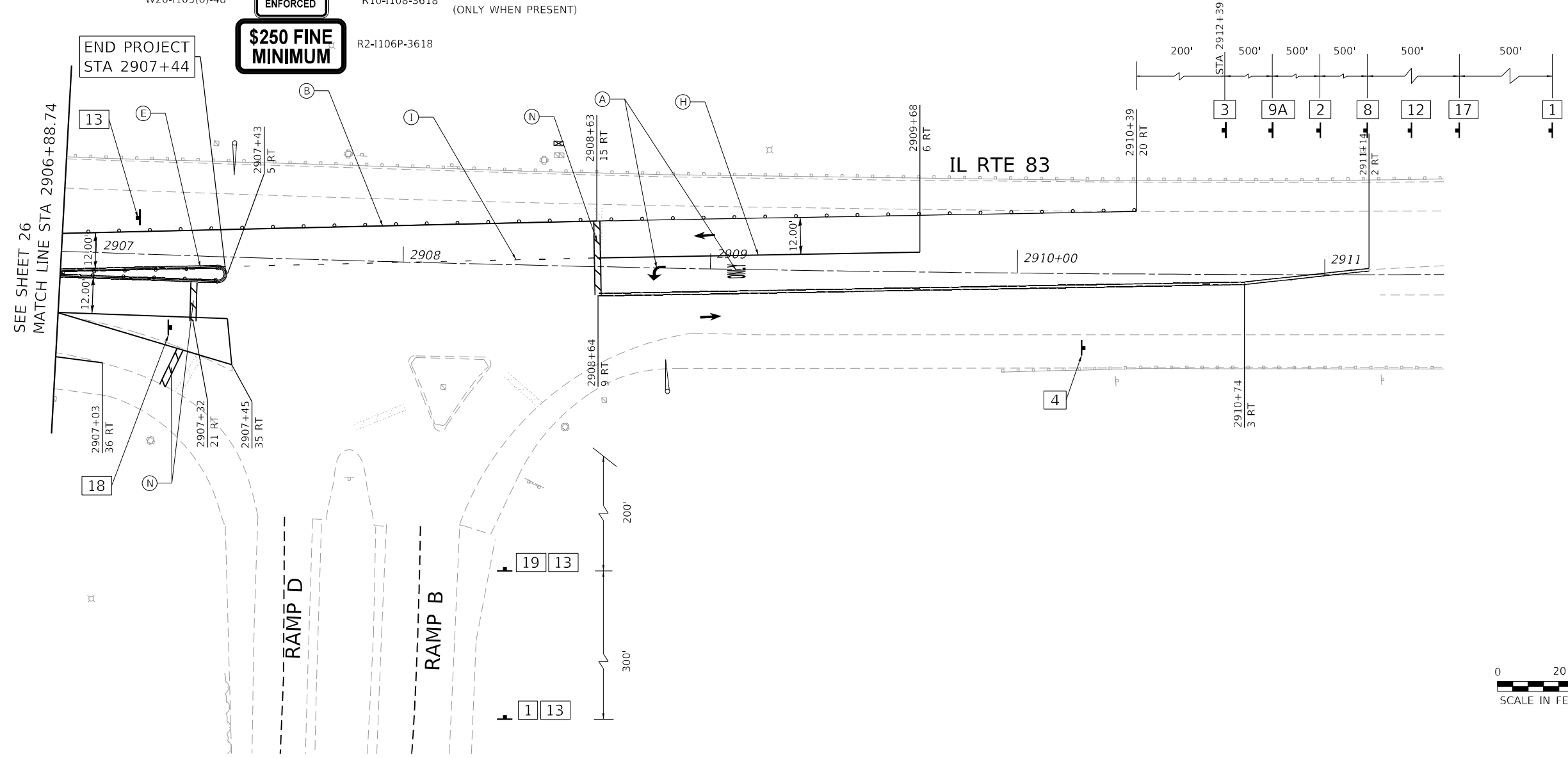


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 ATLAS ENGINEERING GROUP, LTD.	USER NAME = njoseph DESIGNED - OM DRAWN - NJ PLOT SCALE = 40,0000 */ in. CHECKED - BA PLOT DATE = 1/5/2022 DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC IL 83 - STAGE 2	SCALE: 1" = 20' SHEET OF 40 SHEETS STA. TO STA.	F.A.P. RTE. 344 SECTION 2021-005-BR COUNTY COOK TOTAL SHEETS 52 SHEET NO. 28 CONTRACT NO. 62N34 ILLINOIS FED. AID PROJECT
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SIGNING LEGEND

1	2	3	4	8	9A	12	13	17	18	19
W20-1103(0)-48	W21-1115(0)-3618 R2-1-3648 R10-1108-3618 R2-1106P-3618	W21-1(0)-48 (ONLY WHEN PRESENT)	G20-1103-6036	W3-5(0)-48	W1-4L(0)-48 W13-1(0)-2424	R3-8LT	W1-6L(0)-6030 (MOUNTED ON TYPE III BARRICADE)	W12-1103-4848	R3-5a-3036	W12-1102(0)-48



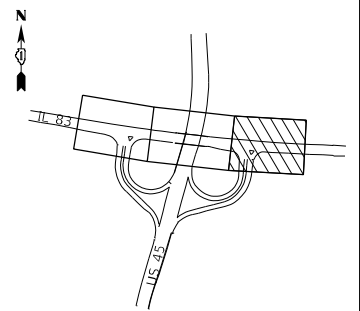
MAINTENANCE OF TRAFFIC LEGEND

	WORK ZONE
	RAISED MEDIAN REMOVAL (SEE PLAN SHEET FOR DESIGN PAINTED MEDIAN)
	TEMPORARY CONCRETE BARRIER
	TEMPORARY CONCRETE BARRIER WITH MODULAR GLARE SCREEN SYSTEM, TEMPORARY
	IMPACT ATTENUATOR, TEMPORARY (FULL REDIRECTIVE, NARROW) TEST LEVEL 3
	TYPE II BARRICADE OR DRUM
	TYPE III BARRICADE
	TEMPORARY TRAFFIC SIGN
	DIRECTION OF TRAFFIC

TEMPORARY PAVEMENT MARKING LEGEND

(A)	PAVT MARK L&S - TYPE IV TAPE	(I)	PAVT MARK LINE 6" WHITE DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)	(O)	PAVT MARK LINE 4" YELLOW DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)
(B)	PAVT MARK LINE 4" SOLID WHITE - TYPE IV TAPE	(J)	PAVT MARK LINE 8" SOLID WHITE - TYPE IV TAPE		
(C)	PAVT MARK LINE 4" WHITE SKIP-DASH - TYPE IV TAPE (10' DASH, 30' SKIP)	(K)	PAVT MARK LINE 8" WHITE DOTTED - TYPE IV TAPE (2' DASH, 6' SKIP)		
(D)	PAVT MARK LINE 4" SOLID YELLOW - TYPE IV TAPE	(L)	PAVT MARK LINE 12" SOLID WHITE - TYPE IV TAPE (30' C-C @ 45°)		
(E)	PAVT MARK LINE 4" DOUBLE YELLOW - TYPE IV TAPE	(M)	PAVT MARK LINE 12" SOLID YELLOW - TYPE IV TAPE (45° DIAGONALS)		
(F)	PAVT MARK LINE 6" WHITE DOTTED - TYPE IV TAPE (3' DASH, 9' SKIP)	(N)	PAVT MARK LINE 24" SOLID WHITE - TYPE IV TAPE		
(G)	PAVT MARK LINE 5" WHITE SKIP-DASH - TYPE IV TAPE (10' DASH, 30' SKIP)				
(H)	PAVT MARK LINE 6" SOLID WHITE - TYPE IV TAPE				

KEY MAP



MODEL: Default
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 USER: njoseph
 DATE: 1/5/2022

	USER NAME = njoseph	DESIGNED - OM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC IL 83 - STAGE 2		F.A.P. RTE. 344	SECTION 2021-005-BR	COUNTY COOK	TOTAL SHEETS 52	SHEET NO. 29
	PLOT SCALE = 40,0000 * / in.	CHECKED - BA	REVISED -		SCALE: 1" = 20'	SHEET OF 40 SHEETS	STA. TO STA.	CONTRACT NO. 62N34			
	PLOT DATE = 1/5/2022	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. Reinforcement bars designated (E) shall be epoxy coated.
2. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor 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. Protective coat shall be applied to the top and front face of the new parapet, new concrete overlay and approach slab deck.
4. Existing reinforcement shall be cleaned and incorporated into the new construction. Cost included with Concrete Superstructure.
5. Hand finish of overlay material is required around the floor drains. The cost is included with Bridge Deck Latex Concrete Overlay, 2¾".
6. Stage Construction shall be utilized to maintain traffic during construction.
7. See Butt Joint and HMA Taper Detail for Approach Slab Transition details on Sheet 12 of 52.

TOTAL BILL OF MATERIAL

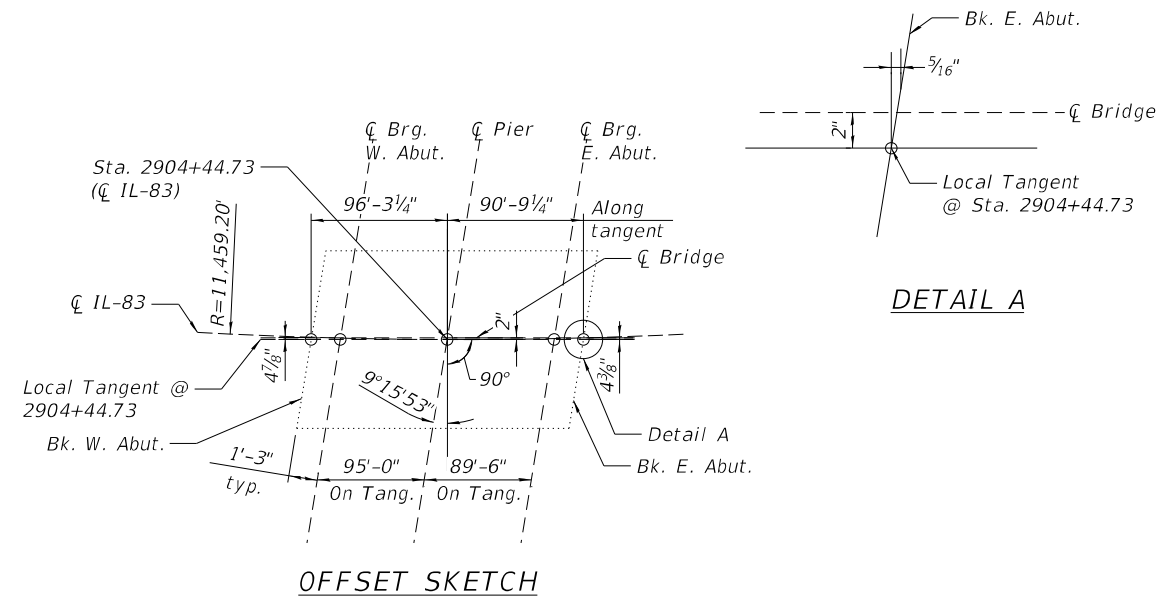
ITEM	UNIT	TOTAL
Concrete Removal	Cu. Yd.	62.7
Protective Shield	Sq. Yd.	643
Concrete Structures	Cu. Yd.	51.3
Concrete Superstructure	Cu. Yd.	7.8
Protective Coat	Sq. Yd.	1,682
Concrete Superstructure (Approach Slab)	Cu. Yd.	176.9
Reinforcement Bars, Epoxy Coated	Pound	63,410
Bar Splicers	Each	588
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	1,098
Approach Slab Removal	Sq. Yd.	214
Bridge Deck Latex Concrete Overlay, 2¾ Inches	Sq. Yd.	1,247
Bridge Deck Scarification ¾"	Sq. Yd.	1,247
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Yd.	8
Deck Slab Repair (Partial)	Sq. Yd.	17
Diamond Grinding (Bridge Section)	Sq. Yd.	1,792

INDEX OF SHEETS

1. General Plan and Elevation
2. Index, General Notes and Bill of Material
3. Stage Construction Details
4. Removal Plan
5. Deck Repair Plan
6. Top of West Approach Slab Elevations
7. Top of East Approach Slab Elevations
8. East Approach Slab Plan and Cross-Section
9. Approach Slab Details
10. Parapet Removal and Replacement Details
11. Scupper Details
12. Pier Repairs
13. Bar Splicer Assembly and Mechanical Splicer Details

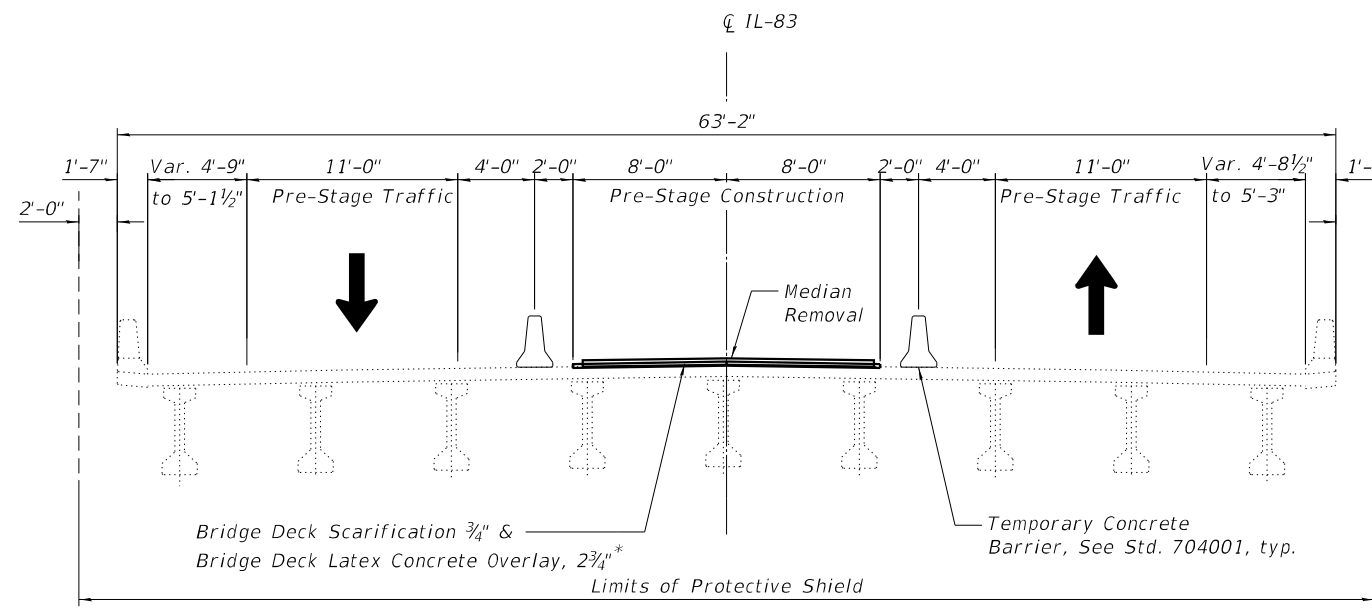
LIST OF ABBREVIATIONS

N.B.	Northbound
S.B.	Southbound
Sta.	Station
EI	Elevation
C.I.P	Cast-in-place
CL	Centerline
S. Abut.	South Abutment
N. Abut.	North Abutment
Typ.	Typical
Max.	Maximum
Min.	Minimum
Bot.	Bottom
Exist./Ex.	Existing
Exp.	Expansion
Shldr	Shoulder
BL	Baseline
P.G.L.	Profile Grade Line
E.F.	Each Face
F.F.	Front Face
B.F.	Back Face
I.F.	Inside Face
O.F.	Outside Face
P.J.F.	Preformed Joint Filler
Bk/	Back of
B/	Bottom of
T/	Top of
Prop.	Proposed
HP	H-Pile
WF	W-Flange
Cl.	Clearance
SF	Square Foot
Sq. Ft.	Square Foot
SY	Square Yard
Sq. Yd.	Square Yard
LF	Linear Feet
Cu .Ft.	Cubic Feet
Ea	Each
Ftg.	Footing
Appr.	Approach

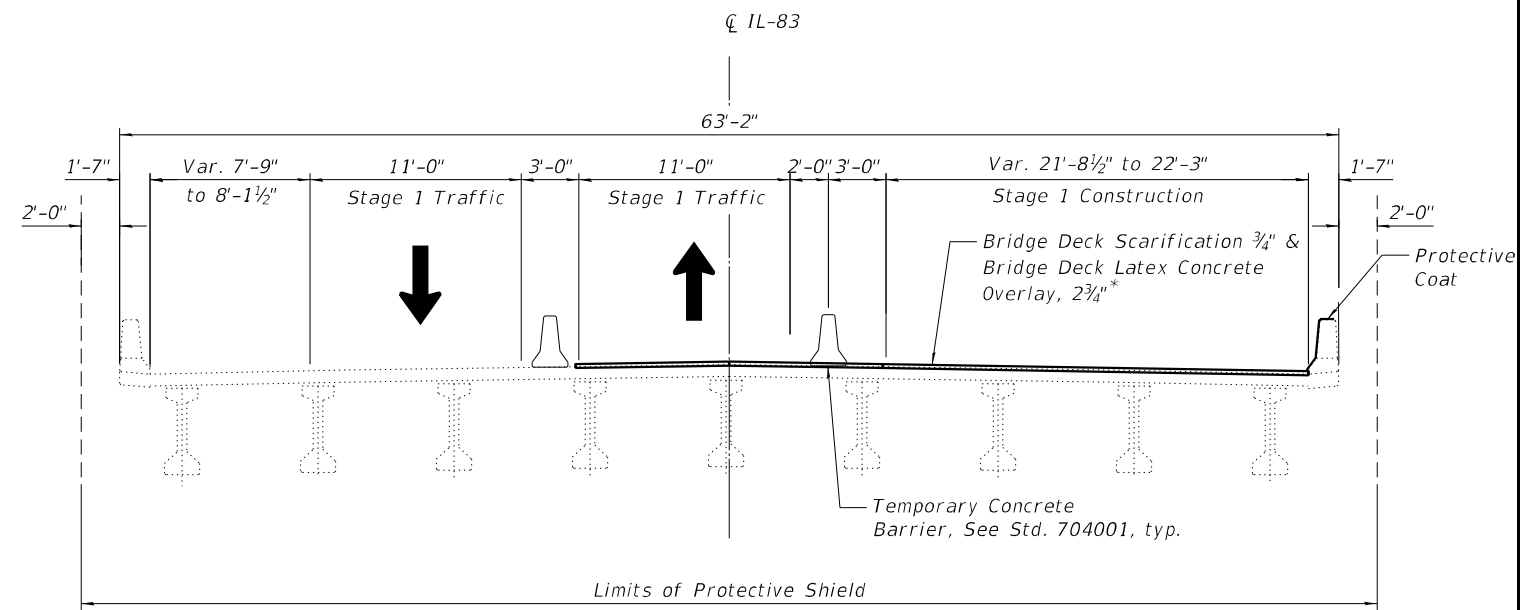


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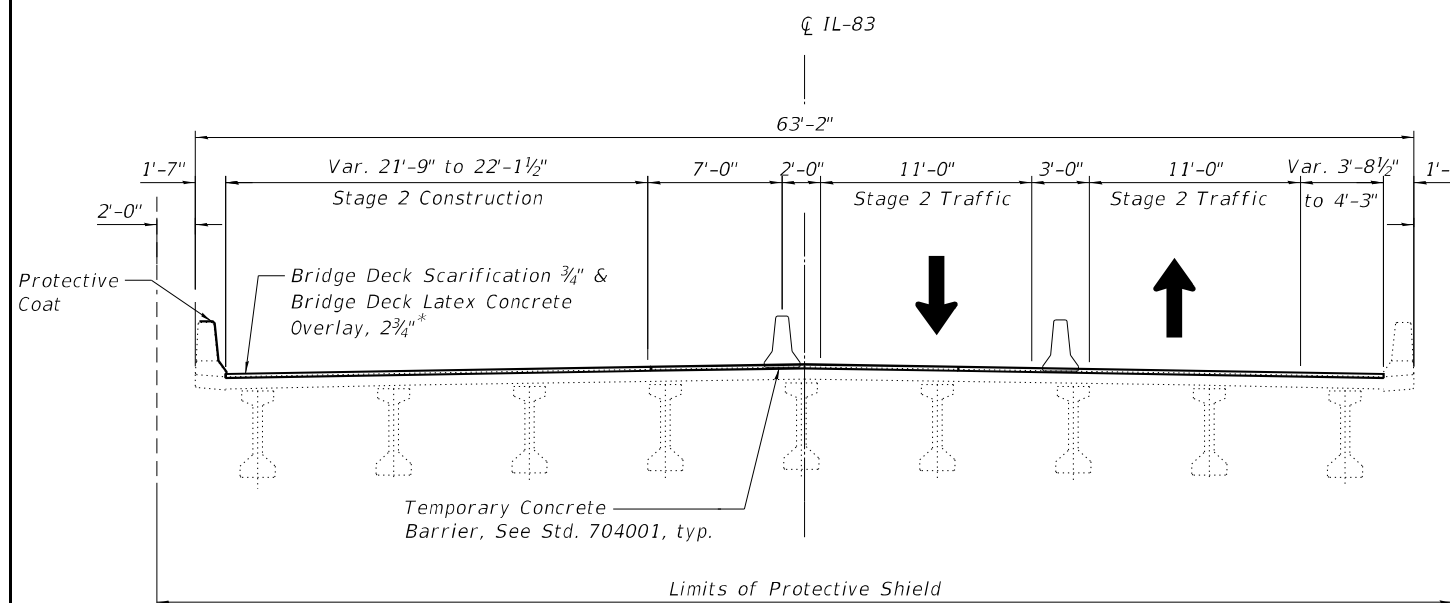
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2021-005-BR	COOK	52	31
CONTRACT NO. 62N34				
ILLINOIS FED. AID PROJECT				



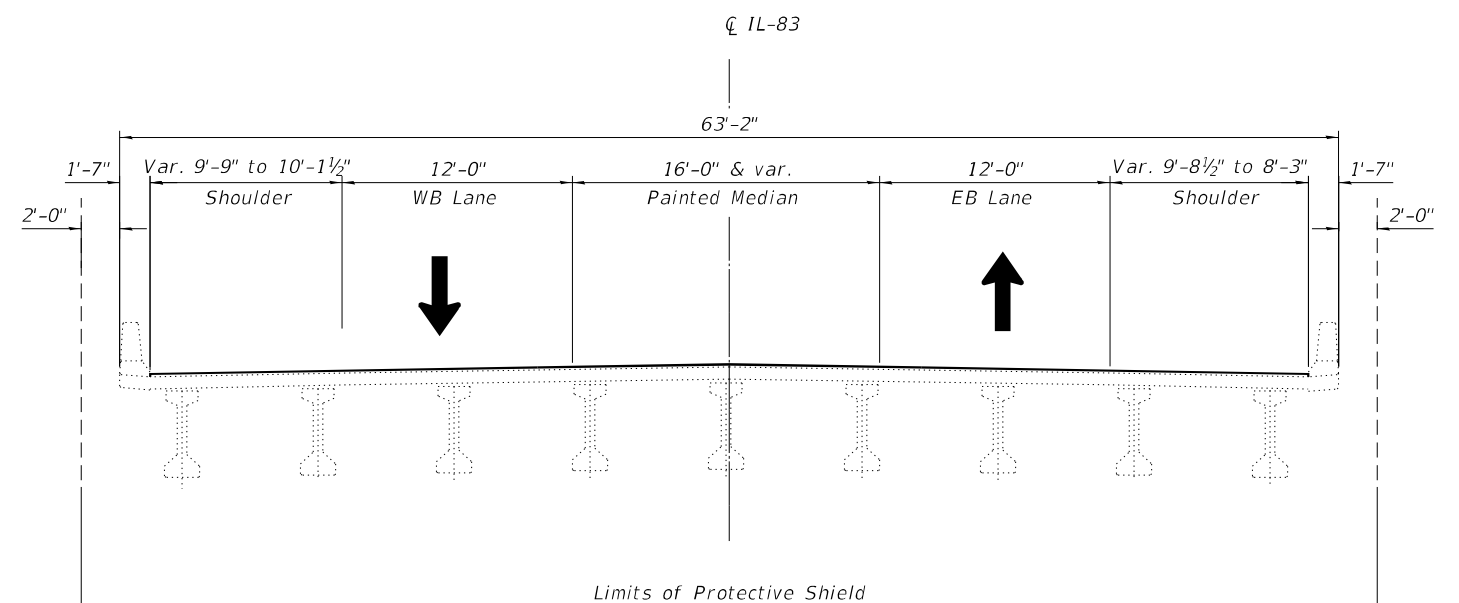
PRE-STAGE
(Looking East)



STAGE 1
(Looking East)



STAGE 2
(Looking East)



FINAL CONFIGURATION
(Looking East)

* Prior to 1/4" Diamond Grinding

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Protective Shield	Sq. Yd.	643



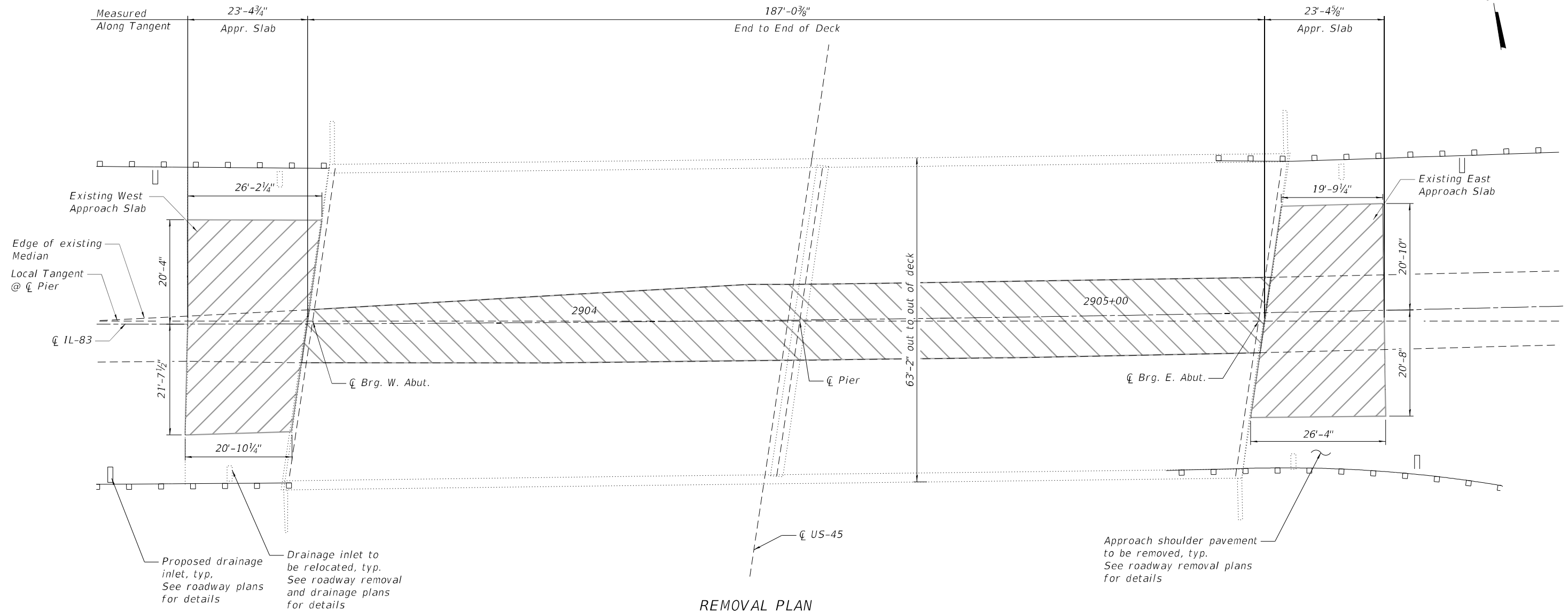
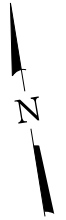
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PLOT DATE = \$DATES	CHECKED - SP	REVISED -
	DATE - 10/12/21	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE CONSTRUCTION DETAILS
STRUCTURE NO. 016-2553**

SCALE: SHEET 32 OF 52 SHEETS STA. TO STA.

F.A.P. RTE. 344	SECTION 2021-005-BR	COUNTY COOK	TOTAL SHEETS 52	SHEET NO. 32
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N34	



REMOVAL PLAN

LEGEND

- Approach Slab Removal
- Concrete Removal

NOTES

1. Limits of Approach Slab removal are estimated from existing plans designed per Standard 2383 (Modified). Limits of approach slabs to be verified by Engineer on site prior to Approach Slab Removal.
2. Concrete median removal shall be in accordance with the applicable portions of Section 501 of the Standard Specifications. The existing median consists of a 6" thick concrete median doweled into 7 1/2" deep concrete bridge deck. The existing median contains #5 bars doweled into existing concrete deck. Full depth saw cuts shall be used at the removal limits. Care shall also be taken as to not damage the existing bridge deck. Existing reinforcement bars shall be cut flush with the bridge deck or removed and holes filled with mortar.

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Concrete Removal	Cu. Yd.	61.6
Approach Slab Removal	Sq. Yd.	214



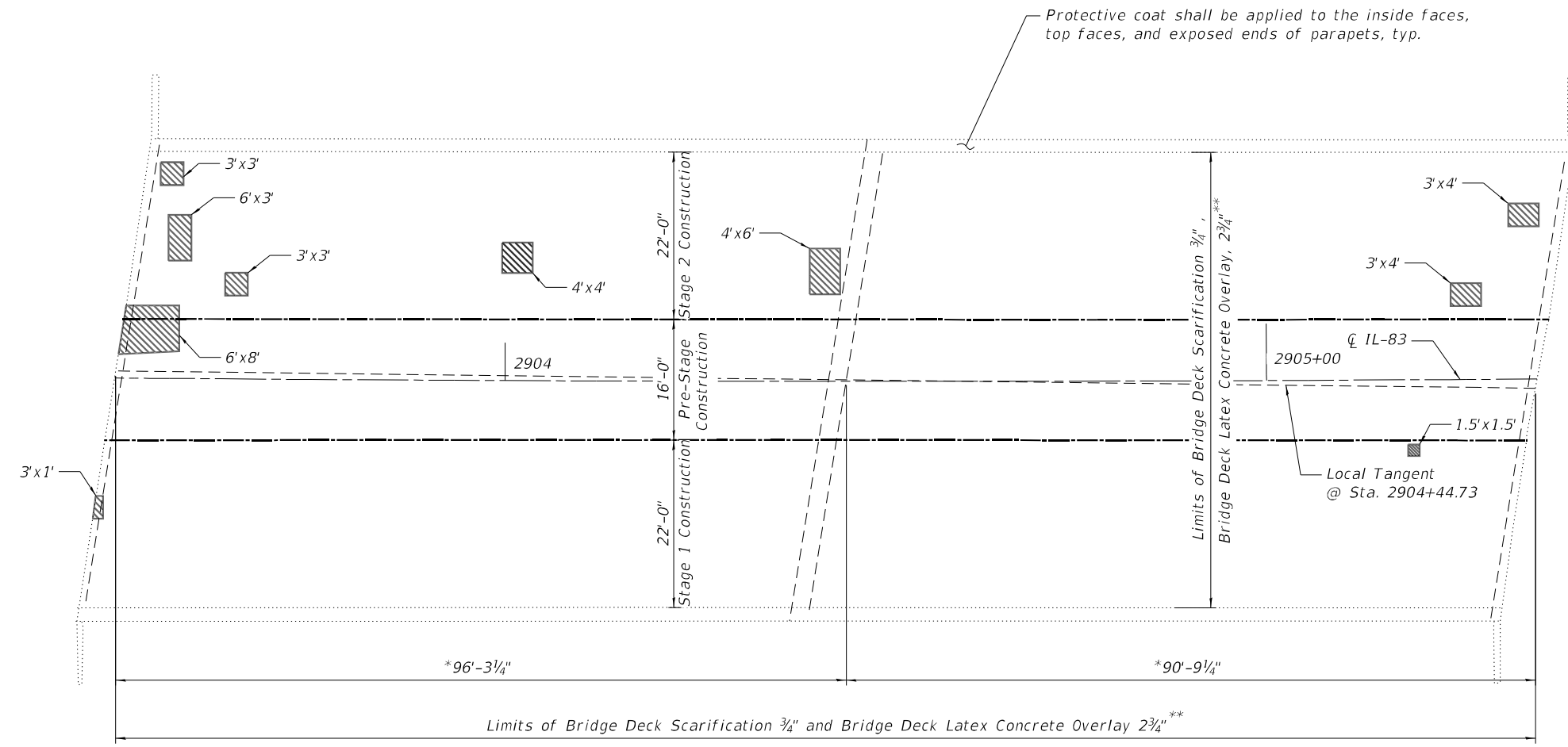
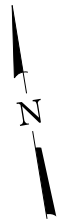
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DRAWN - MG	REVISIONS -	
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PLOT DATE = \$DATES	DATE - 10/12/21	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
STRUCTURE NO. 016-2553**

SCALE: SHEET 33 OF 52 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2021-005-BR	COOK	52	33
CONTRACT NO. 62N34				
ILLINOIS FED. AID PROJECT				



PLAN

LEGEND

Deck Slab Repair (Partial)

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Deck Slab Repair (Partial)	Sq. Yd.	17
Bridge Deck Scarification 3/4"	Sq. Yd.	1,247
Bridge Deck Concrete Latex Overlay, 2 3/4"	Sq. Yd.	1,247
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	831
Diamond Grinding (Bridge Section)	Sq. Yd.	1,164
Protective Coat	Sq. Yd.	1,251

NOTES

- Quantities and limits of repairs shown are estimated for bidding purposes. The actual areas to be repaired, and the type(s) of repairs to be used, will be determined by the Engineer in the field at the time of construction.
- Bridge Deck Scarification shall be performed per IDOT Guide Bridge Special Provision 30 "Bridge Deck Latex Concrete Overlay".
- After bridge deck scarification and cleaning, the Engineer shall sound the scarified deck, and survey the existing reinforcement condition. All remaining unsound concrete and unacceptably corroded reinforcement bars shall be marked for additional removal and/or repairs as applicable.
- Existing spalled areas shown on the deck shall only be repaired after bridge deck scarification has been completed and the Engineer recommends patching existing deck at the locations shown on the plans.
- "Bridge Deck Grooving (Longitudinal)" shall be constructed as directed under Guide Bridge Special Provision 79, and the painted median between travel lanes should be added to the width that is being longitudinally grooved.

MODEL: 1400RELENAME15
FILE: 1400RELENAME15.DWG



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PLOT DATE = \$DATES	CHECKED - SP	REVISED -
	DATE - 10/12/21	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DECK REPAIR PLAN
STRUCTURE NO. 016-2553**

SCALE: SHEET 34 OF 52 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2021-005-BR	COOK	52	34
CONTRACT NO. 62N34				
ILLINOIS FED. AID PROJECT				

NORTH EDGE OF SHOULDER

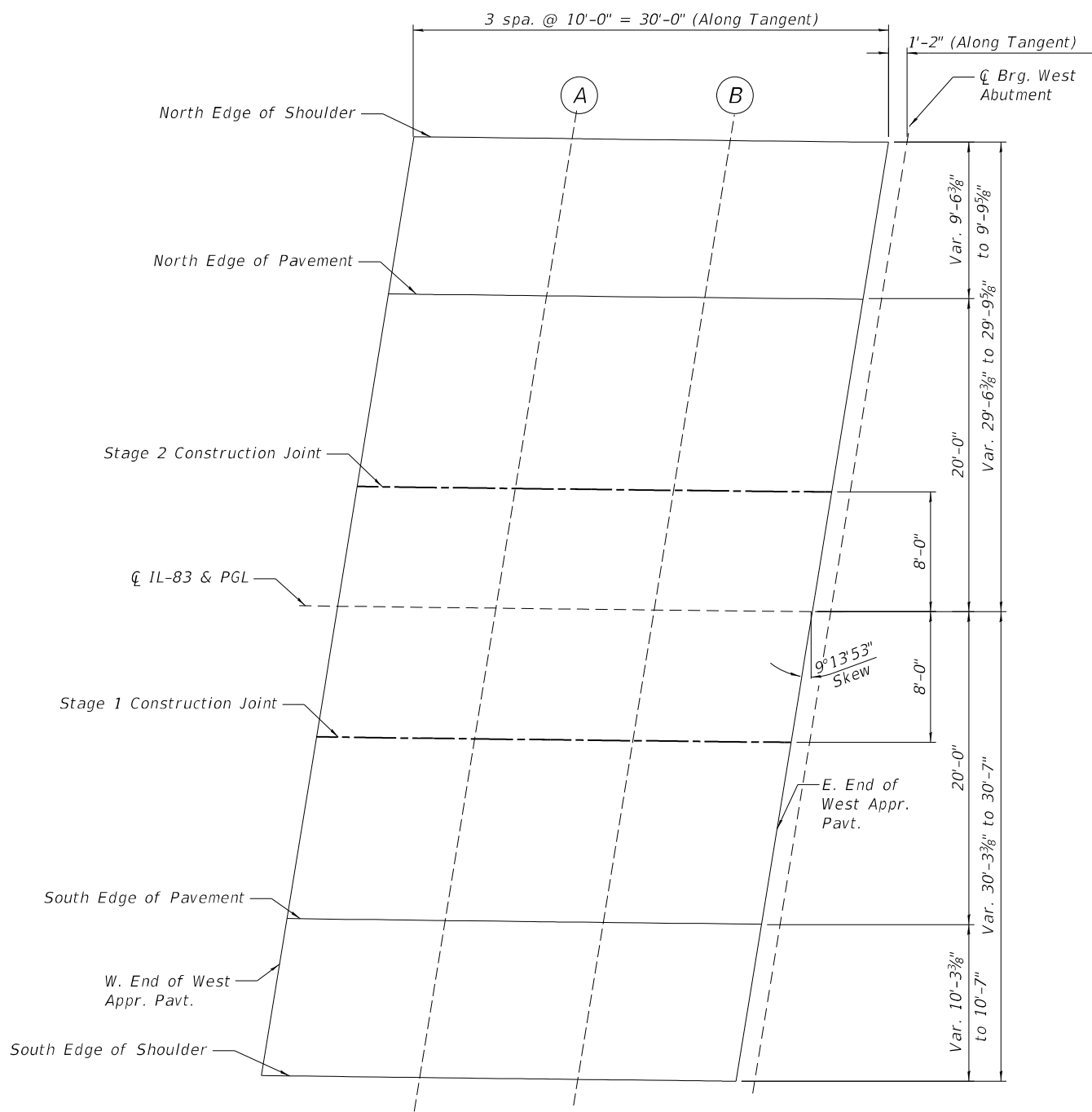
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
W. End of W. Appr. Slab	2903+23.49	-29.53	611.15	611.17
A	2903+33.49	-29.63	611.37	611.40
B	2903+43.49	-29.72	611.60	611.62
E. End of W. Appr. Slab	2903+53.49	-29.80	611.82	611.84

NORTH EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
W. End of W. Appr. Slab	2903+21.86	-20.00	611.54	611.56
A	2903+31.86	-20.00	611.70	611.72
B	2903+41.86	-20.00	611.85	611.87
E. End of W. Appr. Slab	2903+51.86	-20.00	612.01	612.03

CL IL-83 & PGL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
W. End of W. Appr. Slab	2903+18.61	0	611.92	611.95
A	2903+28.61	0	612.09	612.11
B	2903+38.61	0	612.26	612.28
E. End of W. Appr. Slab	2903+48.61	0	612.43	612.45



PLAN

SOUTH EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
W. End of W. Appr. Slab	2903+15.36	20.00	611.42	611.44
A	2903+25.36	20.00	611.59	611.61
B	2903+35.36	20.00	611.76	611.78
E. End of W. Appr. Slab	2903+45.36	20.00	611.93	611.95

SOUTH EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
W. End of W. Appr. Slab	2903+13.73	30.58	611.12	611.14
A	2903+23.73	30.47	611.35	611.37
B	2903+33.73	30.37	611.58	611.60
E. End of W. Appr. Slab	2903+43.73	30.28	611.81	611.83

STAGE 1 CONSTRUCTION

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
W. End of W. Appr. Slab	2903+17.31	8.00	611.72	611.74
A	2903+27.31	8.00	611.89	611.91
B	2903+37.31	8.00	612.06	612.08
E. End of W. Appr. Slab	2903+47.31	8.00	612.23	612.25

STAGE 2 CONSTRUCTION

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
W. End of W. Appr. Slab	2903+19.91	-8.00	611.77	611.79
A	2903+29.91	-8.00	611.93	611.95
B	2903+39.91	-8.00	612.10	612.12
E. End of W. Appr. Slab	2903+49.91	-8.00	612.26	612.28

MODEL NUMBER/REVISED
FILE NUMBER/REVISED



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DRAWN - MG	CHECKED - SP	REVISED -
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PLOT DATE = \$DATES		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF WEST APPROACH SLAB ELEVATIONS
STRUCTURE NO. 016-2553**

SCALE: SHEET 35 OF 52 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2021-005-BR	COOK	52	35
CONTRACT NO. 62N34				
ILLINOIS FED. AID PROJECT				

NORTH EDGE OF SHOULDER

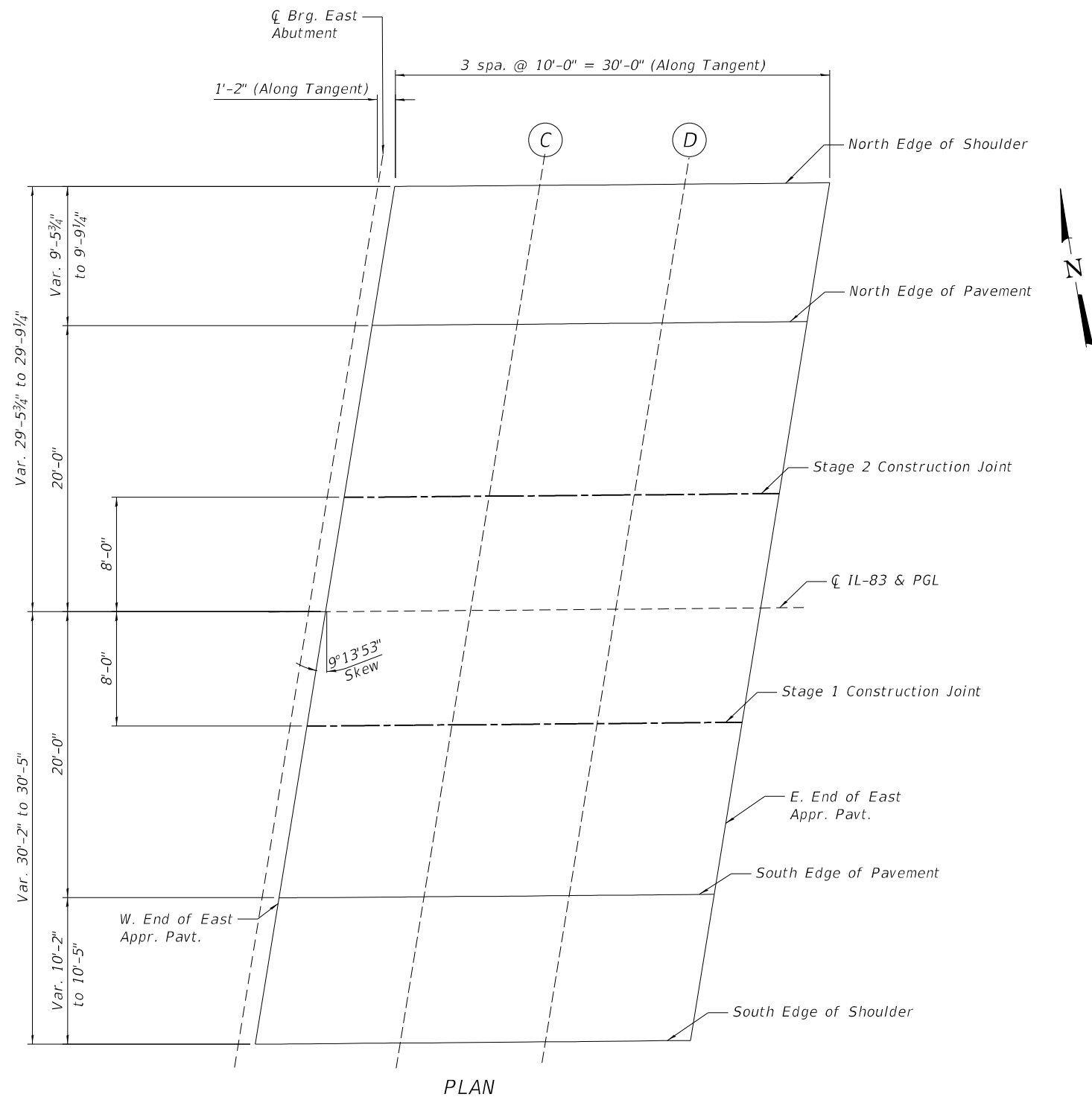
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
W. End of E. Appr. Slab	2905+40.36	-29.77	611.90	611.92
C	2905+50.36	-29.68	611.67	611.69
D	2905+60.36	-29.58	611.43	611.45
E. End of E. Appr. Slab	2905+70.36	-29.48	611.20	611.22

NORTH EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
W. End of E. Appr. Slab	2905+38.73	-20.00	612.07	612.09
C	2905+48.73	-20.00	611.89	611.91
D	2905+58.73	-20.00	611.71	611.73
E. End of E. Appr. Slab	2905+68.73	-20.00	611.53	611.55

CL IL-83 & PGL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
W. End of E. Appr. Slab	2905+35.48	0	612.45	612.48
C	2905+45.48	0	612.33	612.35
D	2905+55.48	0	612.21	612.23
E. End of E. Appr. Slab	2905+65.48	0	612.09	612.11



SOUTH EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
W. End of E. Appr. Slab	2905+32.23	20.00	612.09	612.11
C	2905+42.23	20.00	611.95	611.97
D	2905+52.23	20.00	611.81	611.83
E. End of E. Appr. Slab	2905+62.23	20.00	611.67	611.69

SOUTH EDGE OF SHOULDER

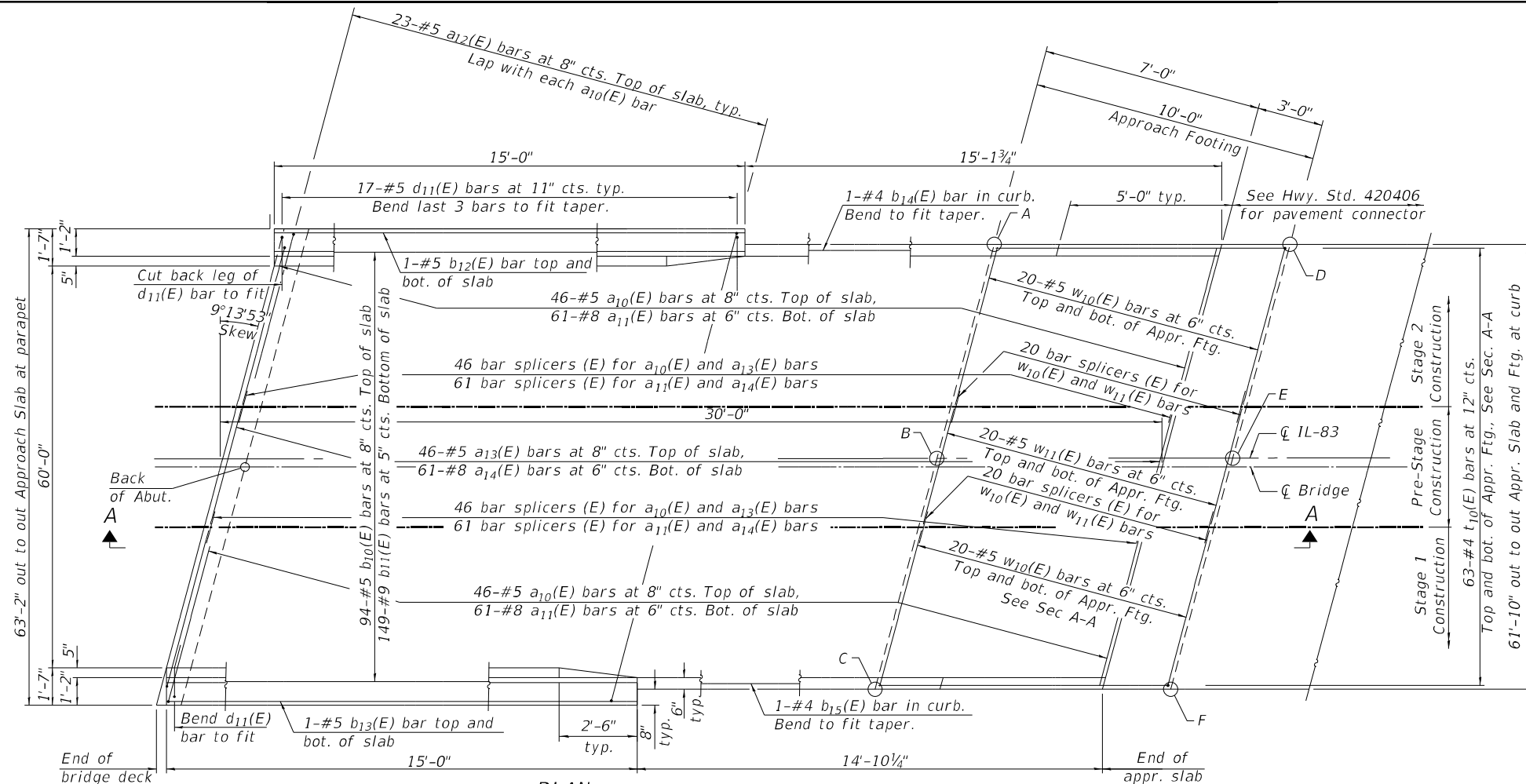
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
W. End of E. Appr. Slab	2905+30.6	30.16	611.95	611.97
C	2905+40.6	30.23	611.81	611.83
D	2905+50.6	30.32	611.67	611.69
E. End of E. Appr. Slab	2905+60.6	30.42	611.52	611.54

STAGE 1 CONSTRUCTION

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
W. End of E. Appr. Slab	2905+34.18	8.00	612.31	612.33
C	2905+44.18	8.00	612.18	612.20
D	2905+54.18	8.00	612.05	612.07
E. End of E. Appr. Slab	2905+64.18	8.00	611.92	611.94

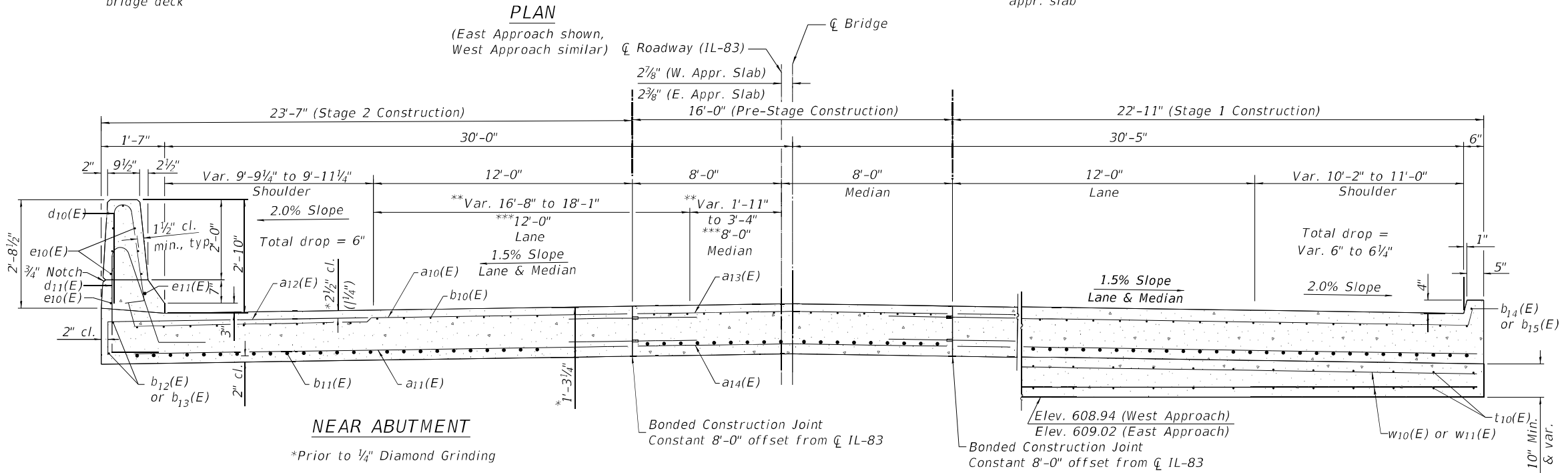
STAGE 2 CONSTRUCTION

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Grinding
W. End of E. Appr. Slab	2905+36.78	-8.00	612.30	612.32
C	2905+46.78	-8.00	612.16	612.18
D	2905+56.78	-8.00	612.01	612.03
E. End of E. Appr. Slab	2905+66.78	-8.00	611.86	611.88



TOP AND BOTTOM ELEVATIONS FOR APPROACH FOOTING

Point	West Approach		East Approach	
	Top	Bottom	Top	Bottom
A	610.01	608.94	610.09	609.02
B	610.79	608.94	610.92	609.02
C	610.04	608.94	610.35	609.02
D	609.78	608.94	609.86	609.02
E	610.62	608.94	610.80	609.02
F	609.82	608.94	610.21	609.02



CROSS SECTION (Looking East)
 ** West Approach Slab
 *** East Approach Slab

AT APPROACH FOOTING



USER NAME = \$USERS	DESIGNED - MG	REVISED -
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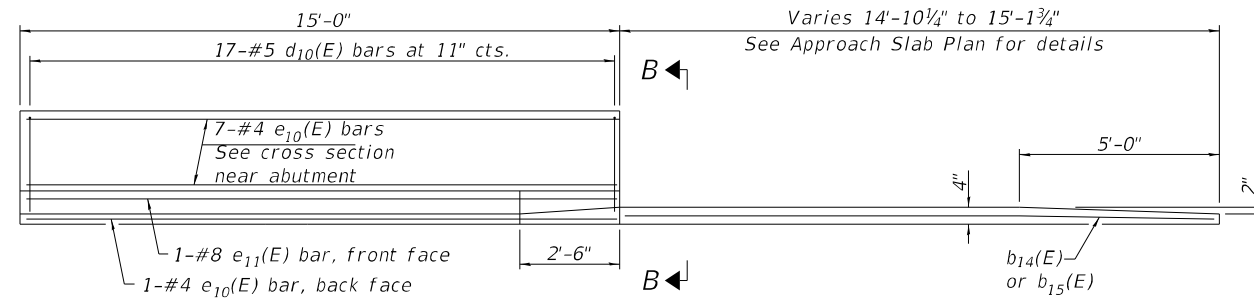
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EAST APPROACH SLAB PLAN AND CROSS-SECTION
 STRUCTURE NO. 016-2553
 SCALE: N/A SHEET 37 OF 52 SHEETS STA. TO STA.

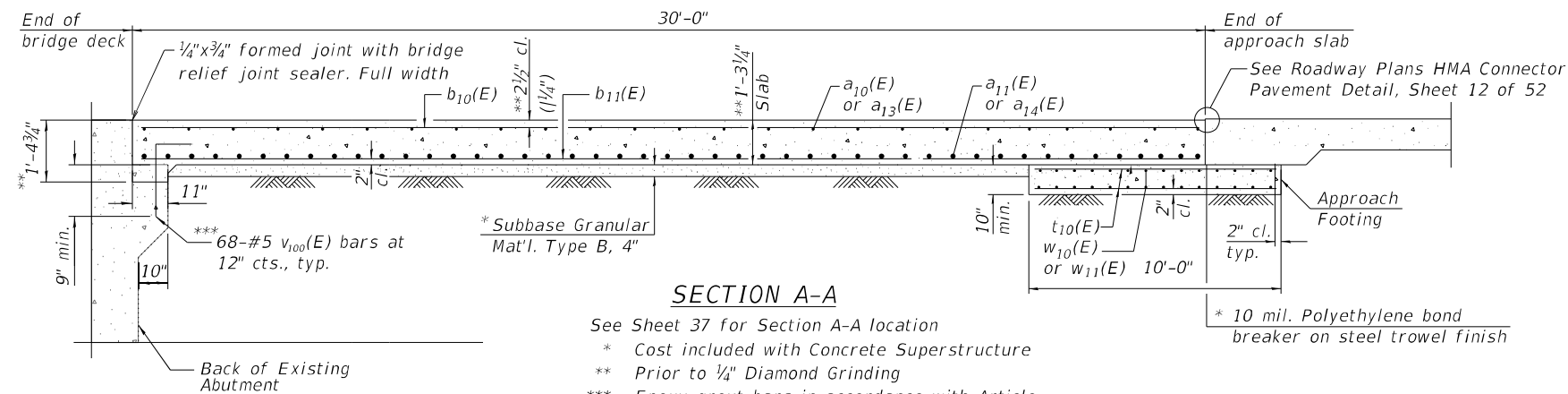
F.A.P. RTE. 344	SECTION 2021-005-BR	COUNTY COOK	TOTAL SHEETS 52	SHEET NO. 37
CONTRACT NO. 62N34				
ILLINOIS FED. AID PROJECT				

NOTES

1. Parapet concrete shall be paid for as Concrete Superstructure.
2. Approach slab shall be paid for as Concrete Superstructure (Approach Slab).
3. Approach footing concrete shall be paid for as Concrete Structures.
4. The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
5. Cost of excavation for approach footing included with Concrete Structures.
6. "Bridge Deck Grooving (Longitudinal)" shall be constructed as directed under Guide Bridge Special Provision 79, and the painted median between travel lanes should be added to the width that is being longitudinally grooved.



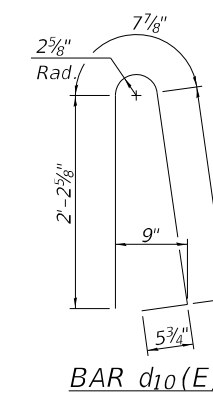
INSIDE ELEVATION OF PARAPET AND CURB



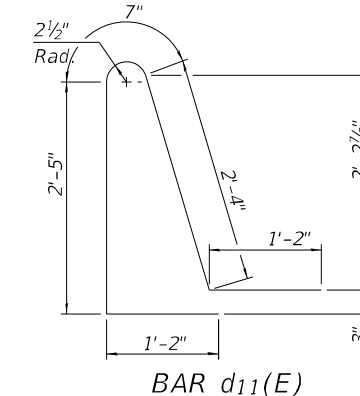
SECTION A-A

See Sheet 37 for Section A-A location

- * Cost included with Concrete Superstructure
- ** Prior to 1/4" Diamond Grinding
- *** Epoxy grout bars in accordance with Article 584 of the Standard Specifications. Cost is included in the cost of Reinforcement Bars, Epoxy Coated.



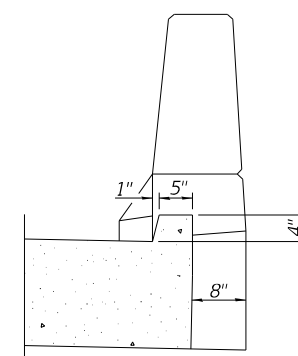
BAR d10(E)



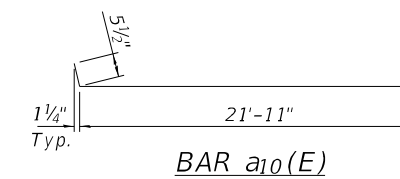
BAR d11(E)

**TWO APPROACHES
BILL OF MATERIAL**

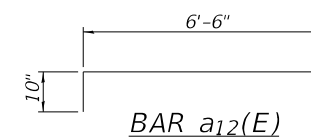
Bar	No.	Size	Length	Shape
a10(E)	184	#5	22'-5"	U
a11(E)	244	#8	22'-6"	U
a12(E)	92	#5	7'-4"	U
a13(E)	92	#5	15'-11"	U
a14(E)	122	#8	15'-11"	U
b10(E)	188	#5	29'-8"	U
b11(E)	298	#9	29'-8"	U
b12(E)	4	#5	14'-8"	U
b13(E)	4	#5	14'-8"	U
b14(E)	2	#4	14'-10"	U
b15(E)	2	#4	14'-7"	U
d10(E)	68	#5	5'-7"	L
d11(E)	68	#5	7'-8"	L
e10(E)	32	#4	14'-8"	U
e11(E)	4	#8	14'-8"	U
t10(E)	126	#4	9'-8"	U
w10(E)	160	#5	22'-6"	U
w11(E)	80	#5	15'-11"	U
v100(E)	128	#5	2'-10"	L
Concrete Superstructure			Cu. Yd.	6.7
Concrete Superstructure (Approach Slab)			Cu. Yd.	176.9
Concrete Structures			Cu. Yd.	51.3
Reinforcement Bars, Epoxy Coated			Pound	63,270
Protective Coat			Sq. Yd.	430
Bridge Deck Grooving (Longitudinal)			Sq. Yd.	267
Diamond Grinding (Bridge Section)			Sq. Yd.	628



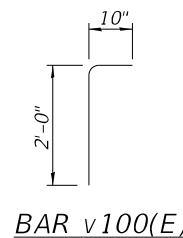
VIEW B-B



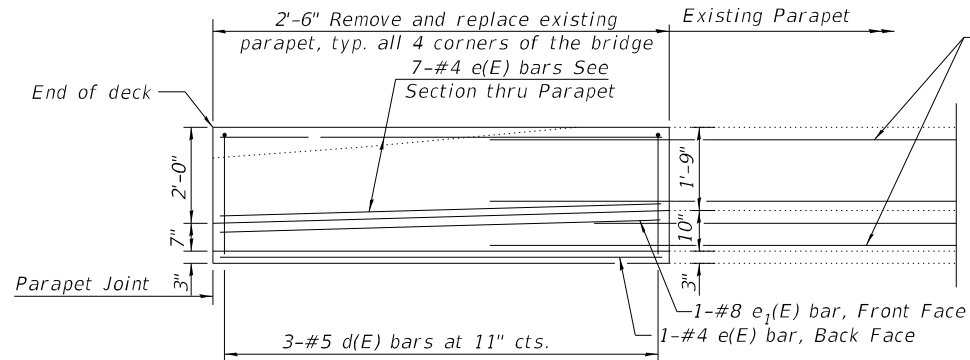
BAR a10(E)



BAR a12(E)

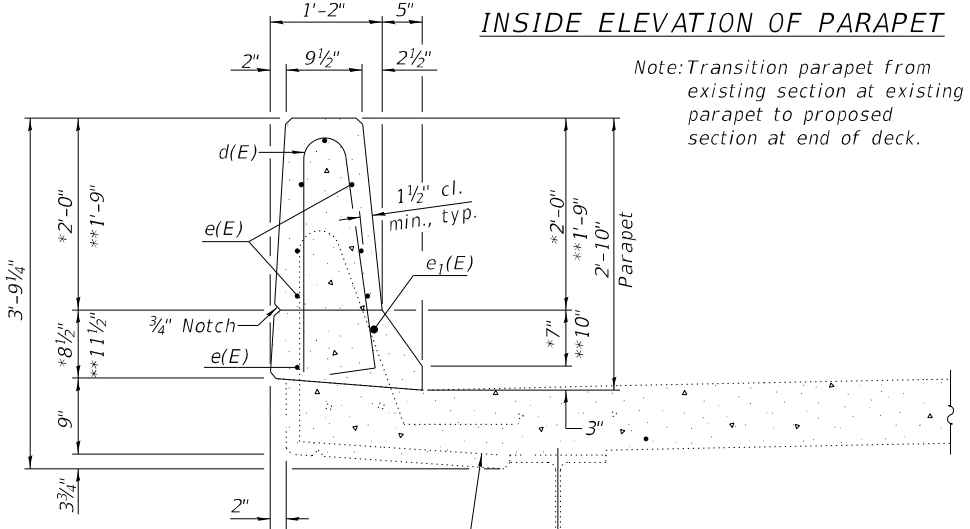


BAR v100(E)



Existing reinforcement bars shall be cleaned and incorporated into new construction. Cost included with Concrete Removal.

INSIDE ELEVATION OF PARAPET



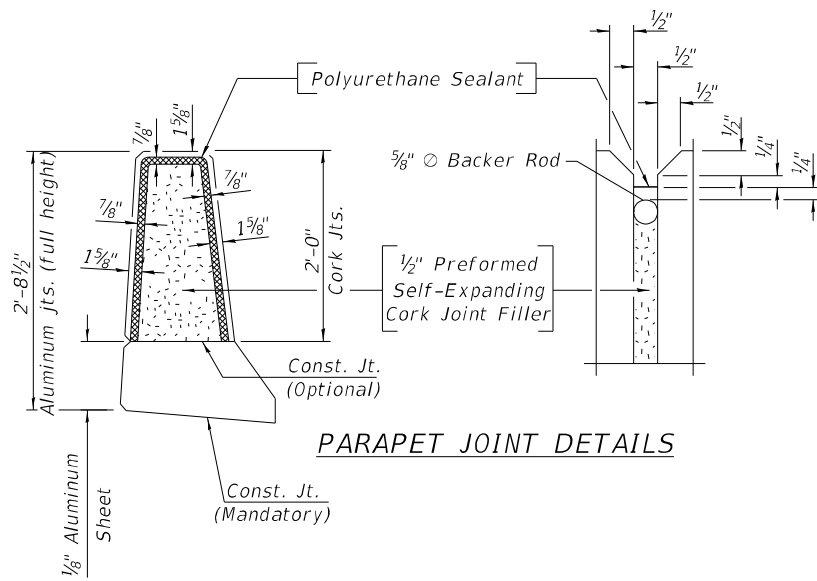
Note: Transition parapet from existing section at existing parapet to proposed section at end of deck.

Existing d1(E) reinforcement bar shall be cleaned and incorporated into new construction. Cost included with Concrete Removal.

SECTION THRU PARAPET

- * At end of deck
- ** At existing parapet

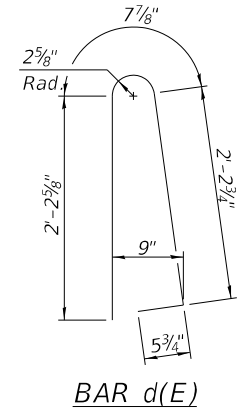
- Notes:
1. Removal of existing parapet to be paid for as Concrete Removal.
 2. The 1/8" Aluminum sheet shall be ASTM B 209 alloy 3003-H14 and coated to minimize reaction with wet concrete. Cost included with Concrete Superstructure.
 3. The Polyurethane Sealant shall be non-staining gray one component non-sag elastomeric gun grade meeting the requirements of ASTM C-920, Type S, Grade NS, Class 25. Use T with a 5/8" backer rod.
 4. The 1/2" Preformed Self-Expanding Cork Joint Filler shall be according to Article 1051.07 of the Std. Spec. Cost included with Concrete Superstructure.
 5. Bend existing reinforcement bars in the field to fit into the proposed construction



PARAPET JOINT DETAILS

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape	
d(E)	12	#5	5'-7"	U	
e(E)	32	#4	2'-2"	—	
e1(E)	4	#8	2'-2"	—	
Reinforcement Bars, Epoxy Coated				Lbs.	140
Concrete Superstructure				Cu. Yd.	1.1
Concrete Removal				Cu. Yd.	1.1



BAR d(E)

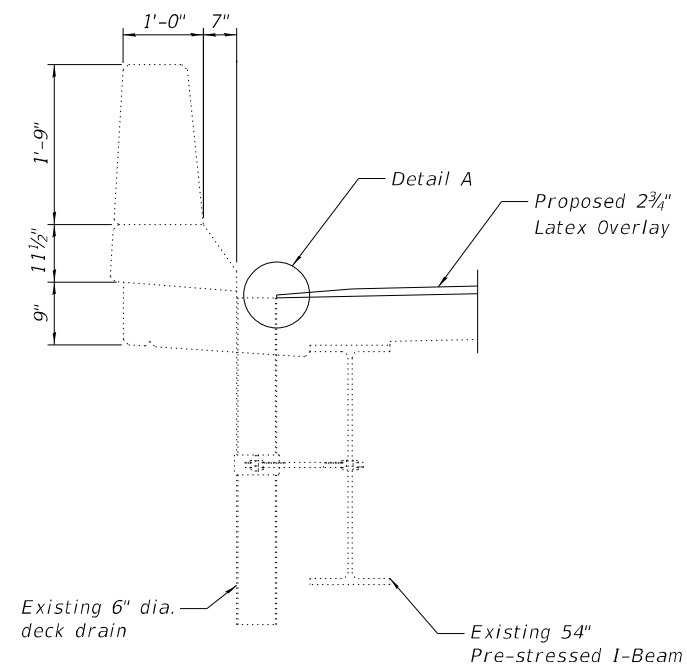


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	DATE - 10/12/21	REVISED -

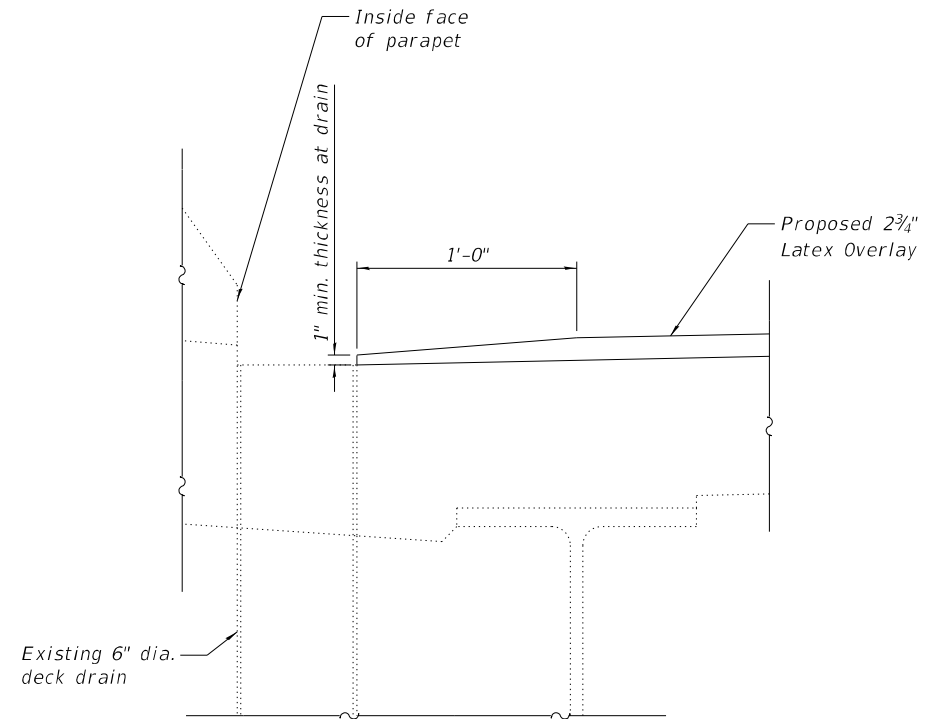
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PARAPET REMOVAL AND REPLACEMENT DETAILS			
STRUCTURE NO. 016-2553			
SCALE:	SHEET 39	OF 52 SHEETS	STA. TO STA.

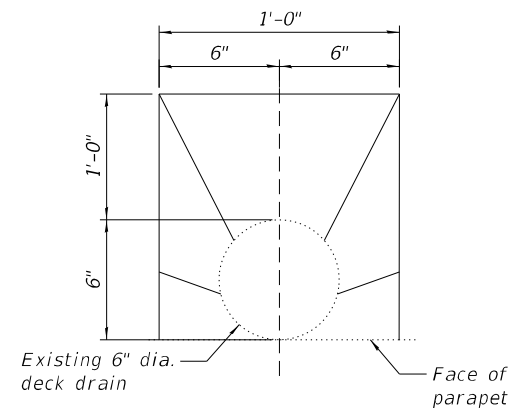
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2021-005-BR	COOK	52	39
CONTRACT NO. 62N34				
ILLINOIS FED. AID PROJECT				



SECTION AT DECK DRAIN



DETAIL A



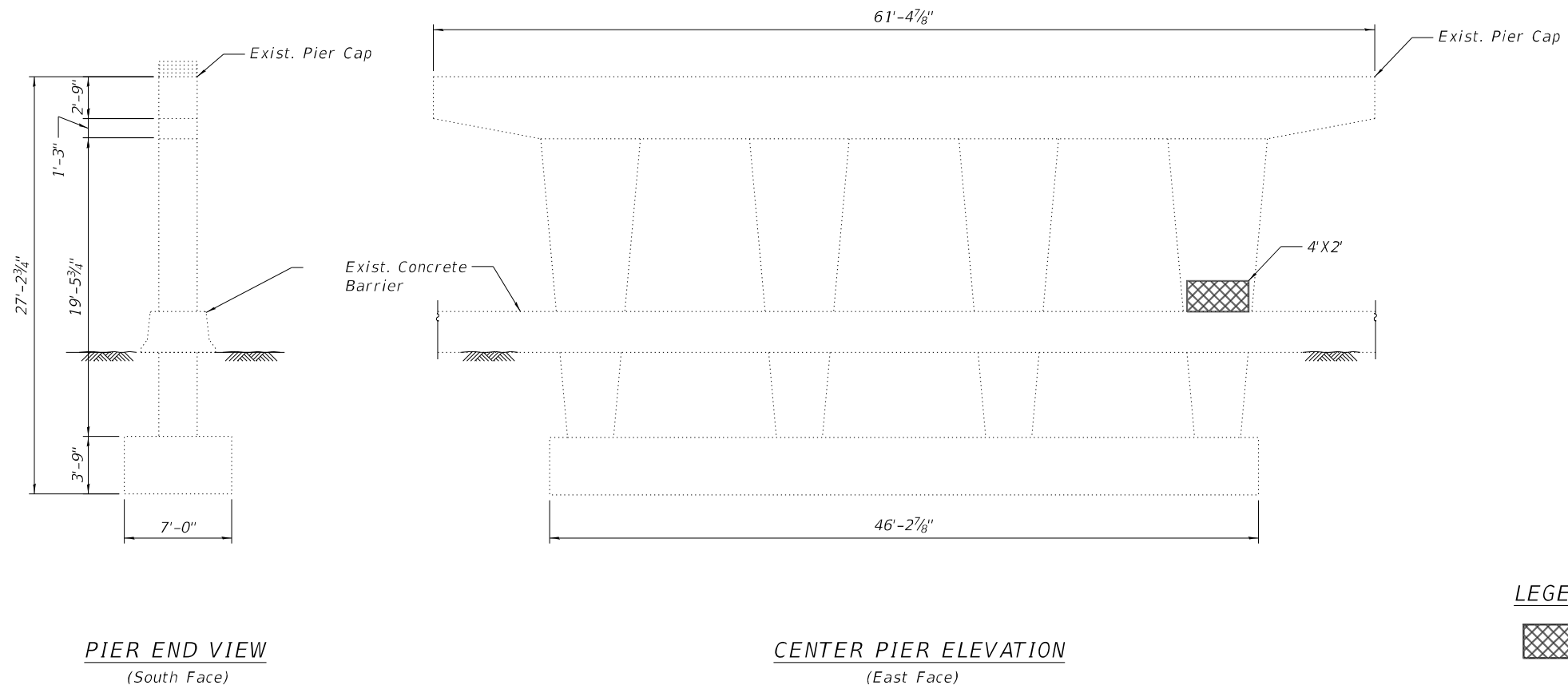
TOP PLAN AT FLOOR DRAIN
(For Drainage Adjustment)

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PLOT DATE = \$DATE\$		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2021-005-BR	COOK	52	40
CONTRACT NO. 62N34			ILLINOIS FED. AID PROJECT	

NOTES:

- Quantities and limits shown are estimated for bidding purposes only. The actual areas to be repaired, and the type(s) of repairs to be used, will be determined by the Engineer in the field at the time of construction.



LEGEND

 Concrete Spalling

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	8

MODEL NUMBER: 11/18/21
FILE NUMBER: 11/18/21

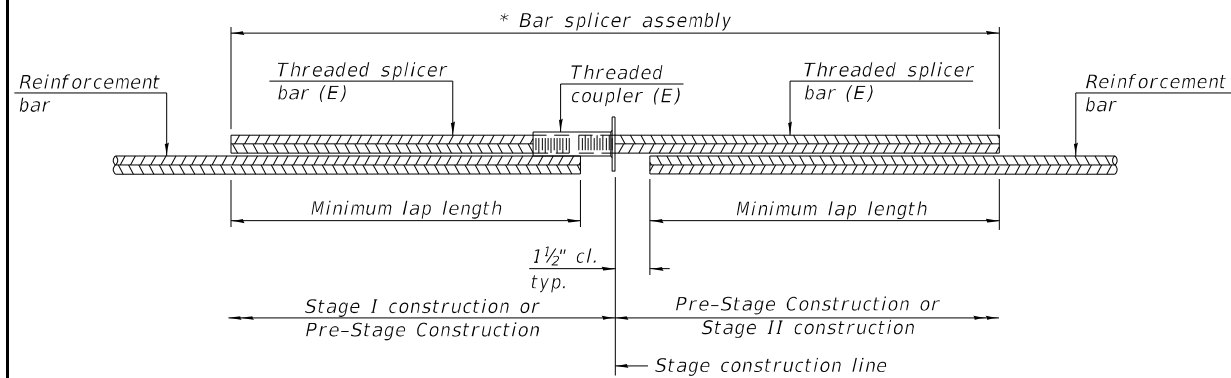


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PIER REPAIRS STRUCTURE NO. 016-2553			
SCALE:	SHEET 41	OF 52 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62N34			ILLINOIS FED. AID PROJECT	

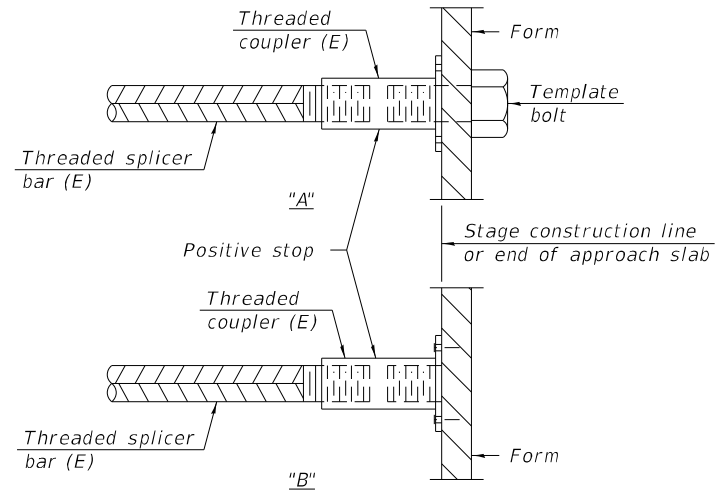


STANDARD BAR SPLICER ASSEMBLY PLAN
 (All components shall be provided from one supplier)

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

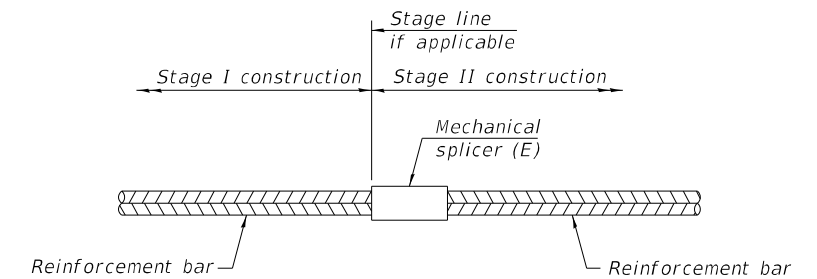
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
W. Approach Slab (Stage 1/Pre-stage)	#5	46	3'-0"
W. Approach Slab (Stage 1/Pre-stage)	#8	61	4'-9"
W. Approach Slab Footing (Stage 1/Pre-stage)	#5	40	3'-0"
W. Approach Slab (Stage 2/Pre-stage)	#5	46	3'-0"
W. Approach Slab (Stage 2/Pre-stage)	#8	61	4'-9"
W. Approach Slab Footing (Stage 2/Pre-stage)	#5	40	3'-0"
E. Approach Slab (Stage 1/Pre-stage)	#5	46	3'-0"
E. Approach Slab (Stage 1/Pre-stage)	#8	61	4'-9"
E. Approach Slab Footing (Stage 1/Pre-stage)	#5	40	3'-0"
E. Approach Slab (Stage 2/Pre-stage)	#5	46	3'-0"
E. Approach Slab (Stage 2/Pre-stage)	#8	61	4'-9"
E. Approach Slab Footing (Stage 2/Pre-stage)	#5	40	3'-0"



INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required

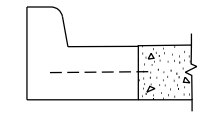
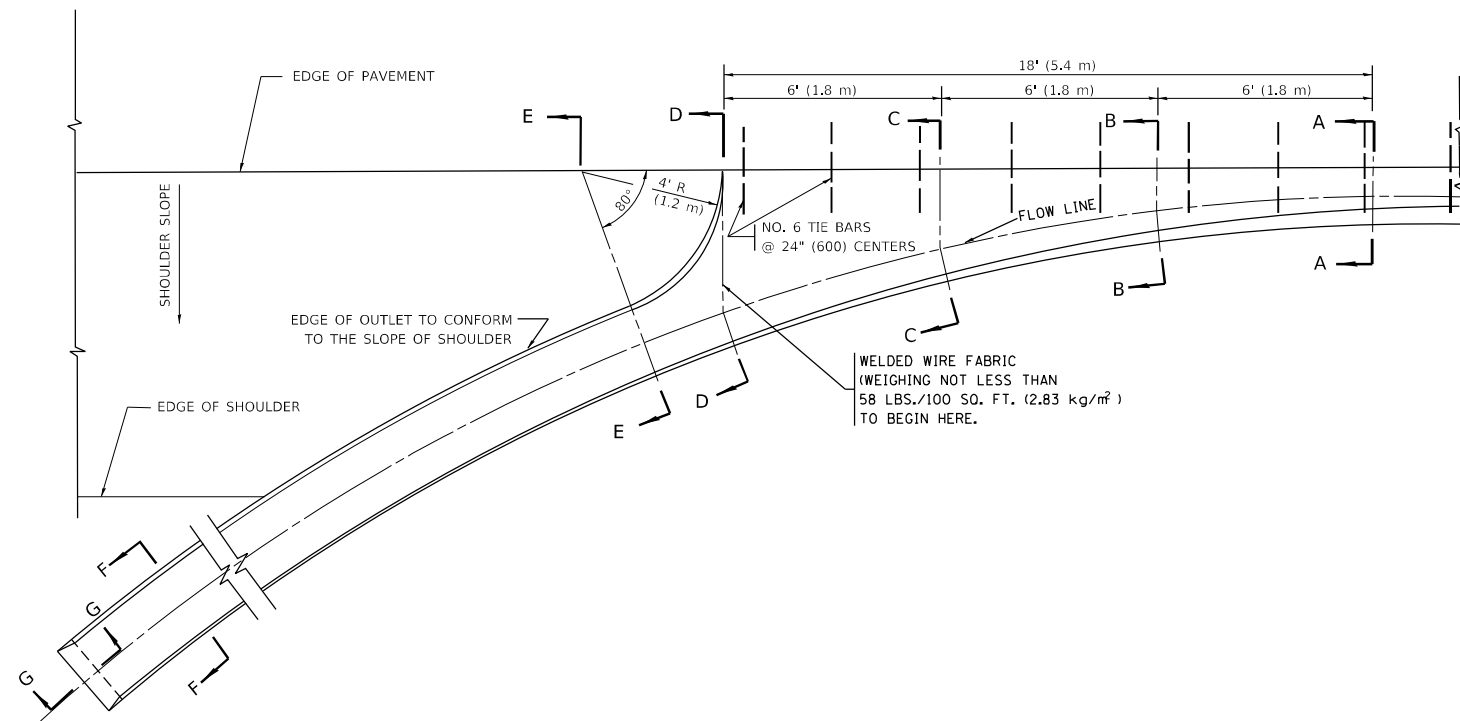
BILL OF MATERIAL

ITEM	UNIT	TOTAL
Bar Splicers	Each	588

Notes:
 Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
 All reinforcement shall be lapped and tied to the splicer bars.
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
 See approved list of bar splicer assemblies and mechanical splicers for alternatives.

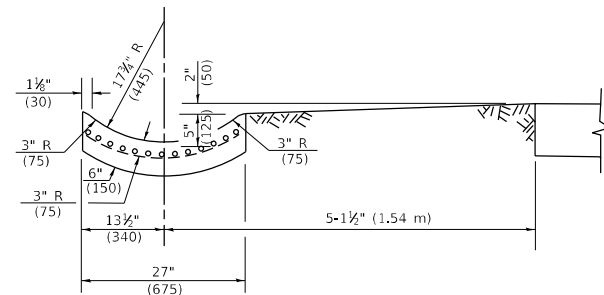
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62N34			ILLINOIS FED. AID PROJECT	

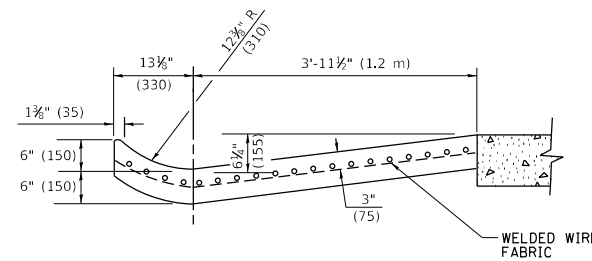


SECTION A-A *

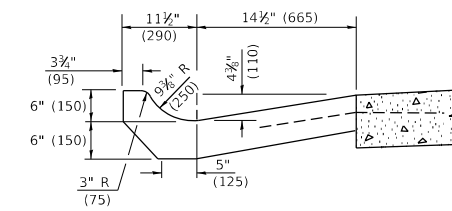
* DIMENSIONS OF THE CURB & GUTTER AT SECTION A-A ARE SHOWN ON STATE STANDARD 606001. FOR DETAILS OF OUTLET FOR CONCRETE CURB & GUTTER, TYPE B-6.24 (B-15.60) SEE STATE STANDARD 606006.



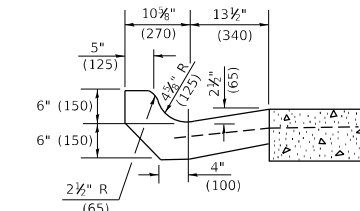
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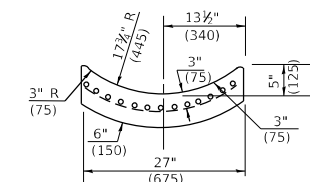
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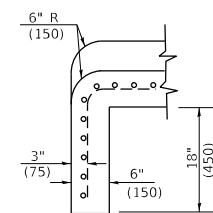
SECTION C-C



SECTION B-B



SECTION F-F



SECTION G-G

GENERAL NOTES

GUTTER OUTLET SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001. TIE BARS SHALL BE NO. 20 (NO.6) AT 24" (600) CENTERS UNLESS OTHERWISE SHOWN. IF THE AVERAGE GRADE OF PAVEMENT FOR THE DISTANCE FROM SECTION A-A TO D-D EXCEEDS 2%, THIS DISTANCE SHALL BE INCREASED 6' (1.8 m) FOR EACH 1% INCREASE IN GRADE.

QUANTITIES

FOR SECTION A-A TO E-E AND CURTAIN WALL=
 1.25 CU. YDS. (0.96³m) CLASS SI CONCRETE (OUTLET) FOR 9" (225) PAV'T.
 1.27 CU. YDS. (0.96³m) CLASS SI CONCRETE (OUTLET) FOR 10" (250) PAV'T.
 FOR SECTION F-F=
 0.045 CU. YDS. (0.03³m) CLASS SI CONCRETE PER FT. (M).

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

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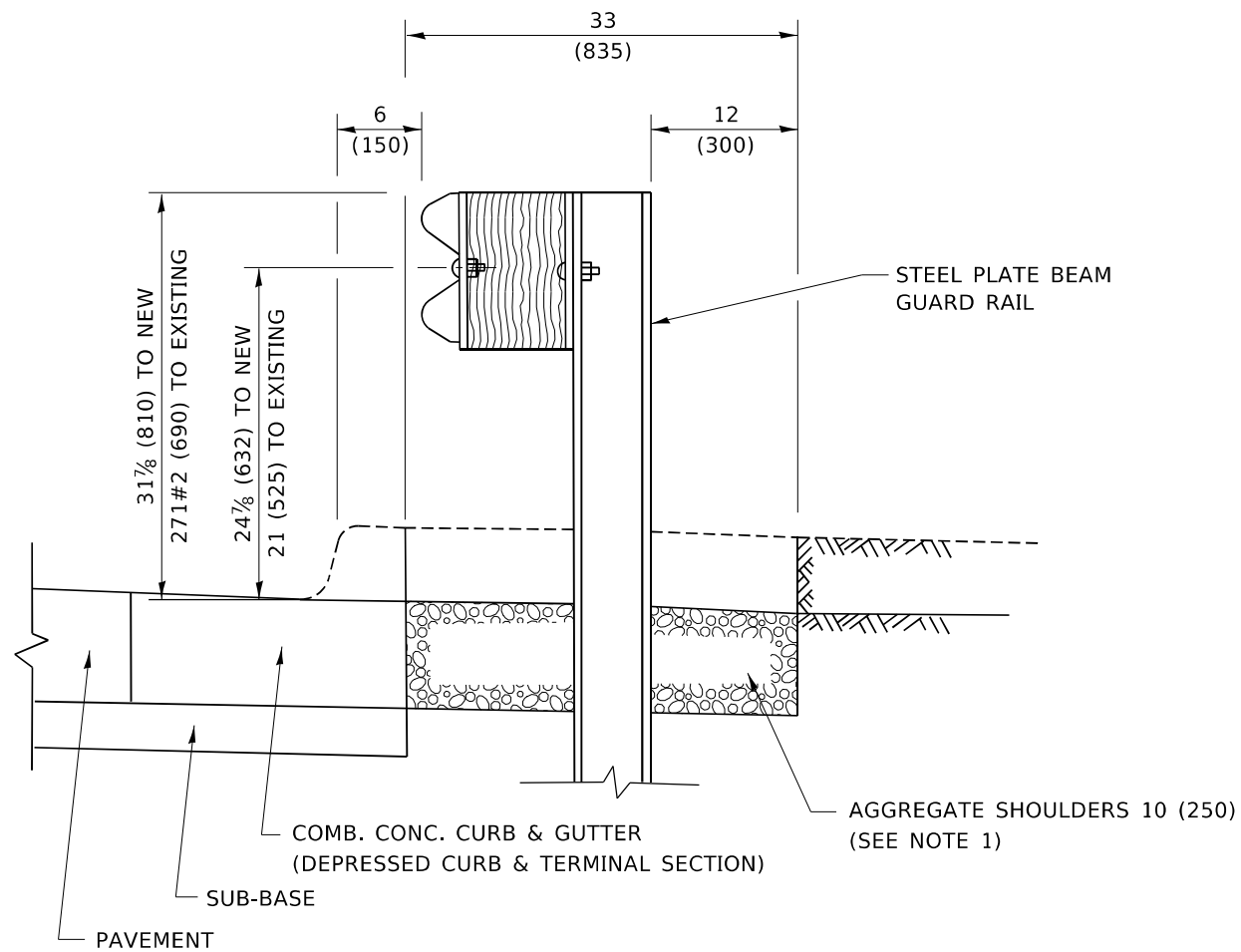
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PLOT DATE = 3/27/2019	DATE - 08-04-86	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OUTLET FOR CONCRETE
CURB AND GUTTER**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2021-005-BR	COOK	52	43
BD600-01	(BD-03)	CONTRACT NO. 62N34		
ILLINOIS FED. AID PROJECT				



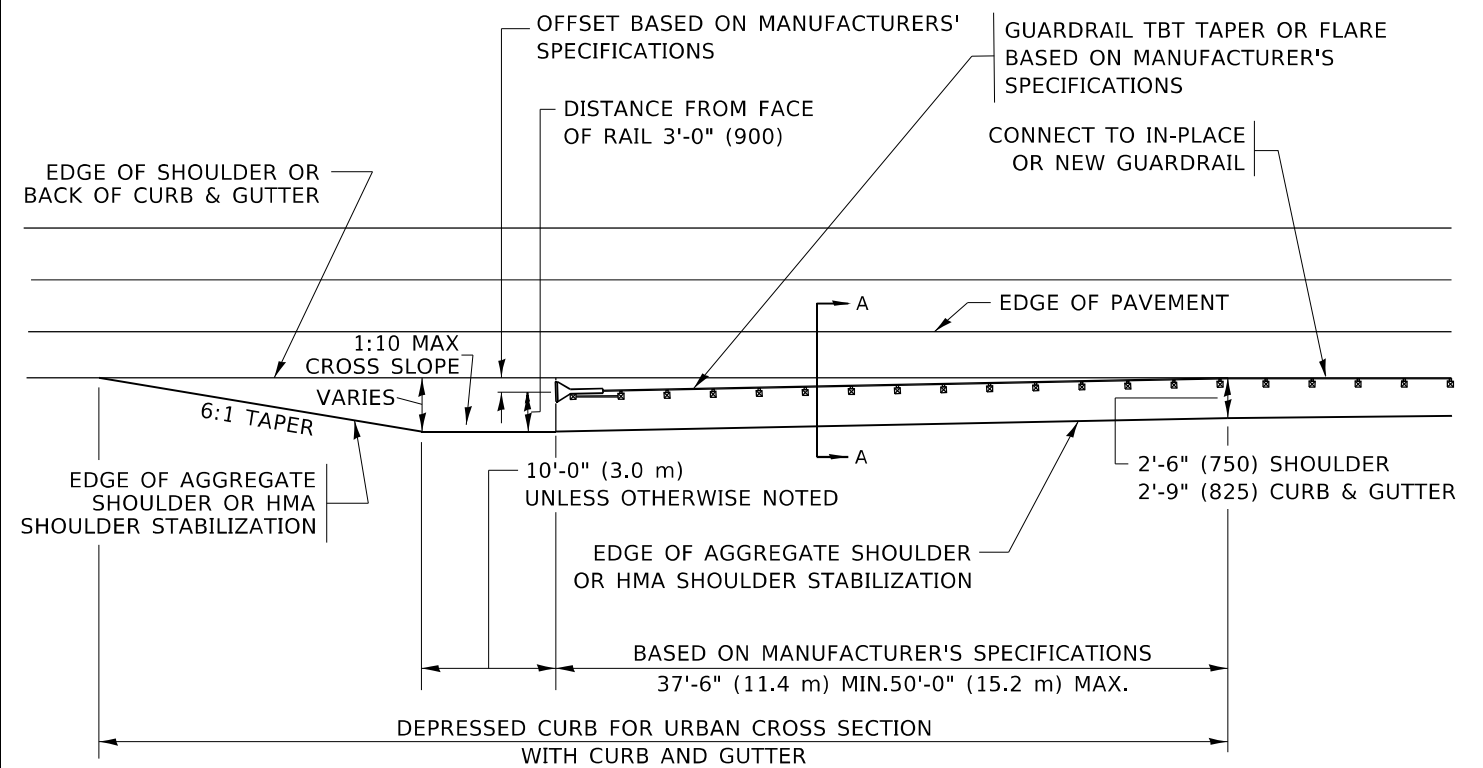
SECTION A-A

NOTES:

1. THE AGGREGATE SHOULDER, 10 (250) OR HMA SHOULDER, 6 (150) (IF REQUIRED) SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL.
2. "EXISTING" GUARDRAIL REFERS TO CONNECTING TERMINAL SECTION TO GUARD RAILING PRIOR TO THE MIDWEST GUARDRAIL SYSTEM.
3. THE CONTRACTOR SHALL VERIFY THE TYPE/HEIGHT OF GUARDRAIL IN-PLACE BEFORE ORDERING THE NEW TERMINAL SECTION. COST INCLUDED WITH THE COST OF THE TERMINAL. THE TERMINAL SECTION HEIGHT TO BE PLACED MUST MATCH THE HEIGHT OF THE IN-PLACE GUARDRAIL.

**DETAILS FOR STEEL PLATE BEAM
GUARD RAIL ADJACENT TO CURB AND GUTTER**

[FOR ROADWAY SPEED 35 MPH (60 kmh) TO 45 MPH (70 kmh)]



**DEPRESSED CURB AND GUTTER AND
SHOULDER TREATMENT AT TBT TY. 1 SPL.**

AGGREGATE SHOULDER, 10 (250) WILL BE PAID ACCORDING TO SECTION 481.

HMA SHOULDERS 6 (150) (IF REQUIRED) WILL BE PAID ACCORDING TO SECTION 482.

COMB. CONC. C&G, STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

TBT = TRAFFIC BARRIER TERMINAL
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

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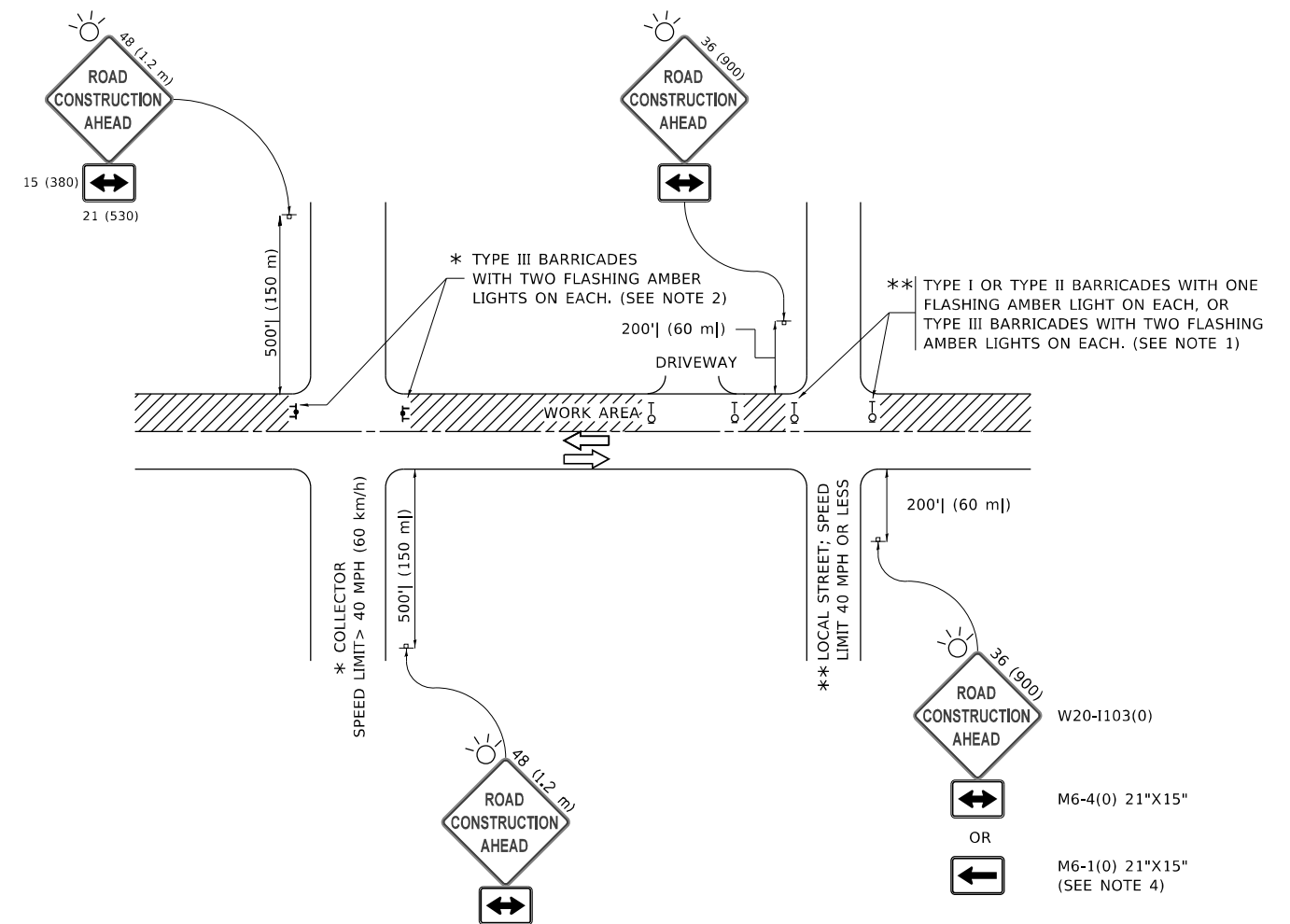
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR DEPRESSED CURB & GUTTER AND
SHOULDER TREATMENT AT TBT TY. 1 SPL.**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2021-005-BR	COOK	52	44
BD600-10 (BD 34)			CONTRACT NO. 62N34	
ILLINOIS FED. AID PROJECT				



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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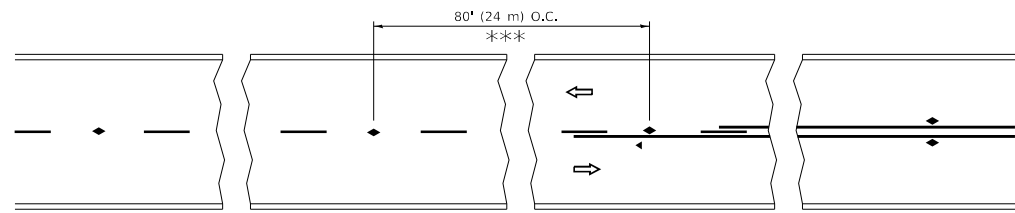
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		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

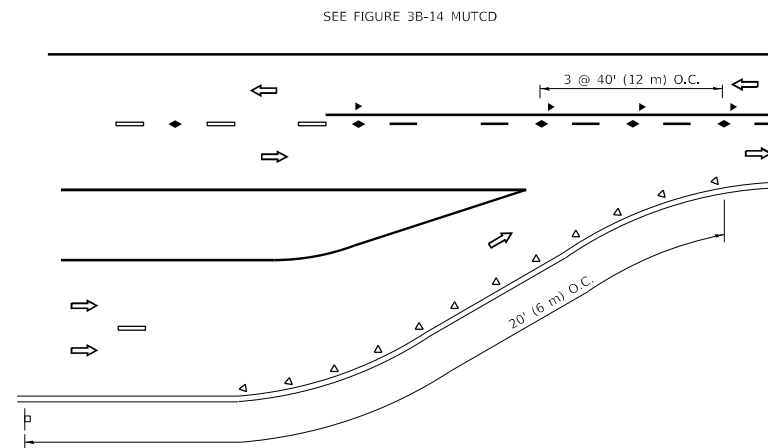
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2021-005-BR	COOK	52	45
TC-10			CONTRACT NO. 62N34	
ILLINOIS FED. AID PROJECT				

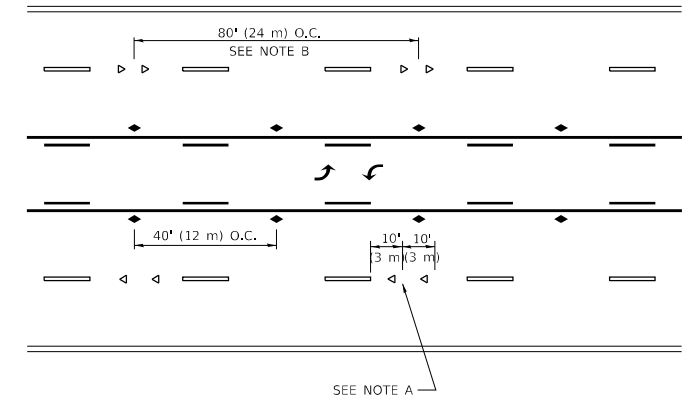


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

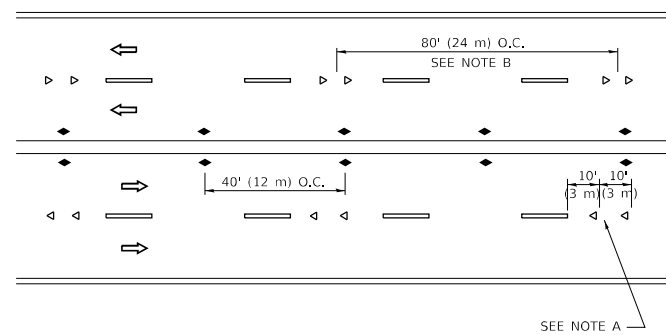
TWO-LANE/TWO-WAY



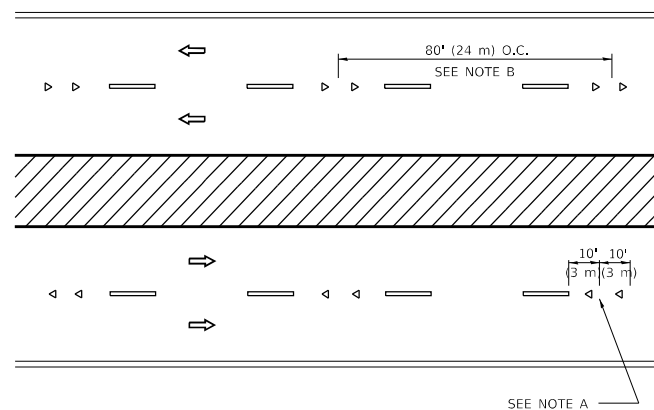
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

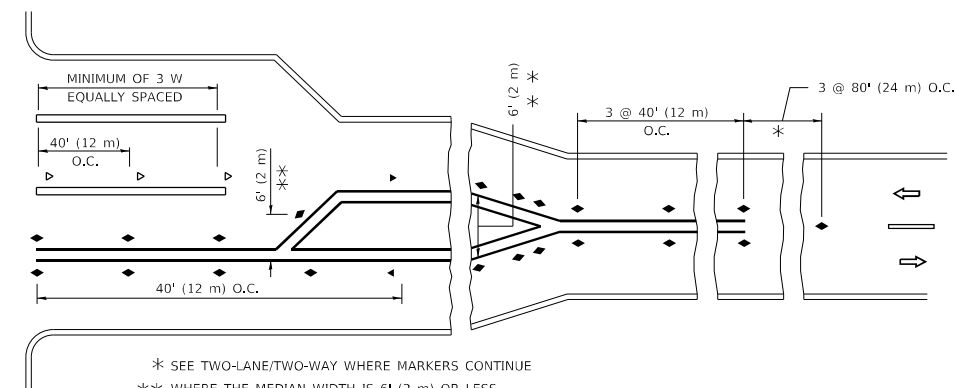
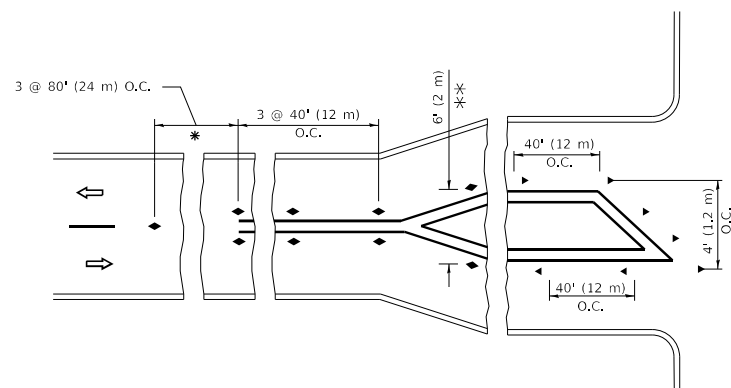
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 *** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

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

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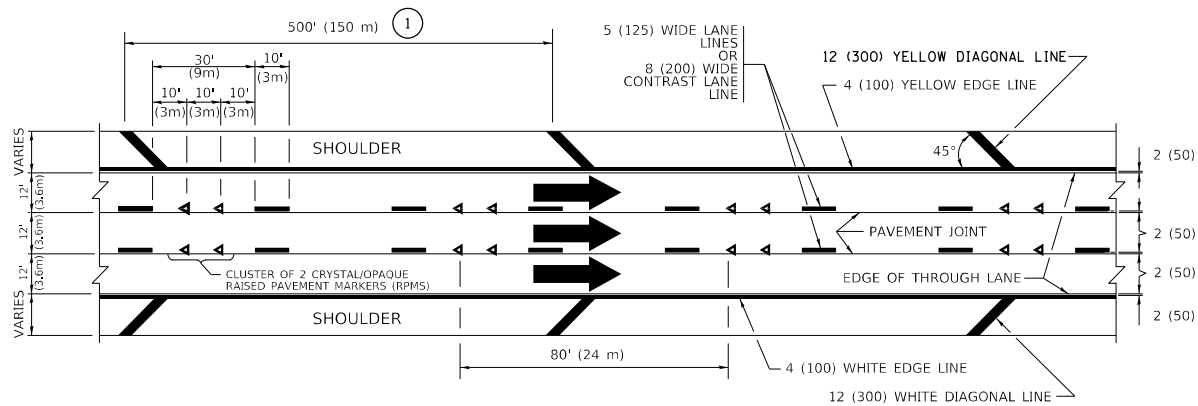
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	DATE -	REVISED - C. JUCIUS 07-01-13

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

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

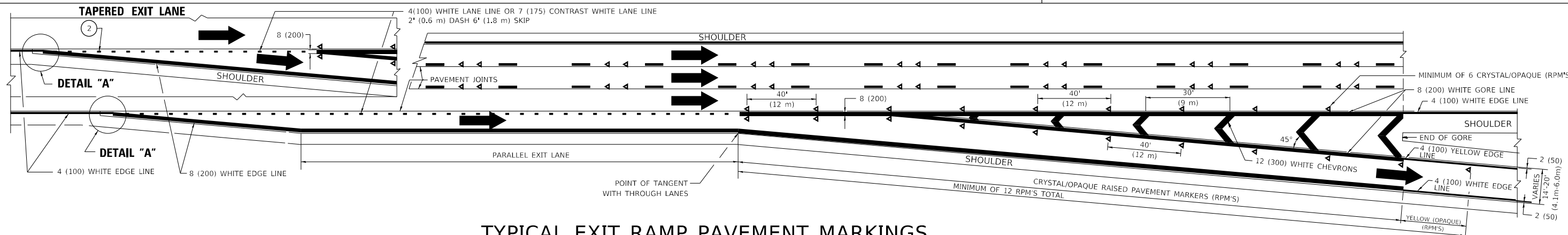
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2021-005-BR	COOK	52	46
TC-11		CONTRACT NO. 62N34		
ILLINOIS		FED. AID PROJECT		



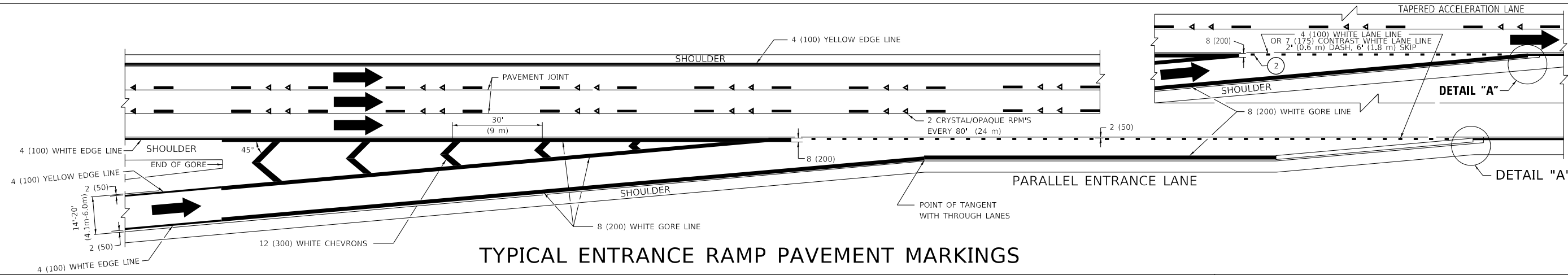
TYPICAL EDGE LINES & LANE LINES

PAVEMENT MARKING MATERIALS

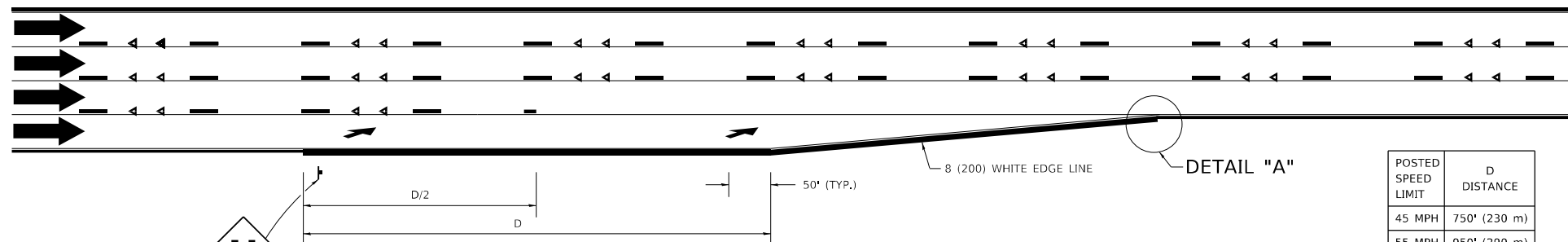
1. THERMOPLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR ALL EDGE LINES, GORE LINES, AND DIAGONAL LINES ON HMA PAVEMENTS.
2. POLYUREA OR MODIFIED URETHANE PAVEMENT MARKING LINE SHALL BE USED FOR ALL EDGE LINES, GORE LINES, AND DIAGONAL LINES ON PCC PAVEMENTS.
3. PREFORMED PLASTIC PAVEMENT MARKING LINE 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

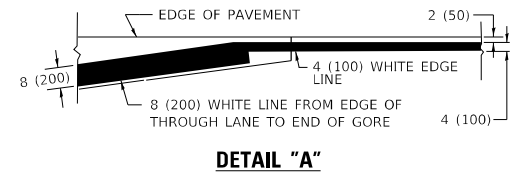


TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS



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.

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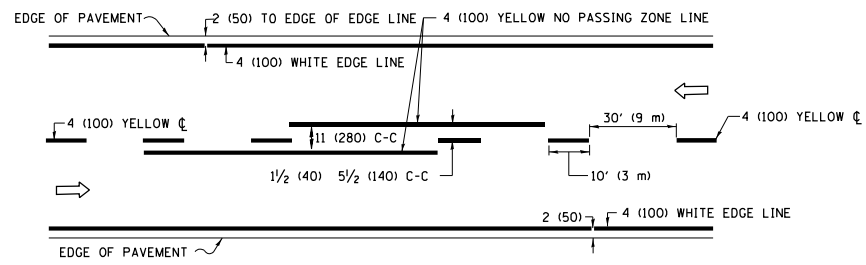
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	DATE - 01-90	REVISED - M.D. 09-17

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

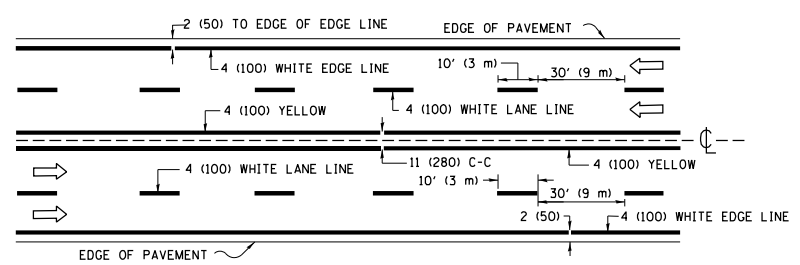
**MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS**

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

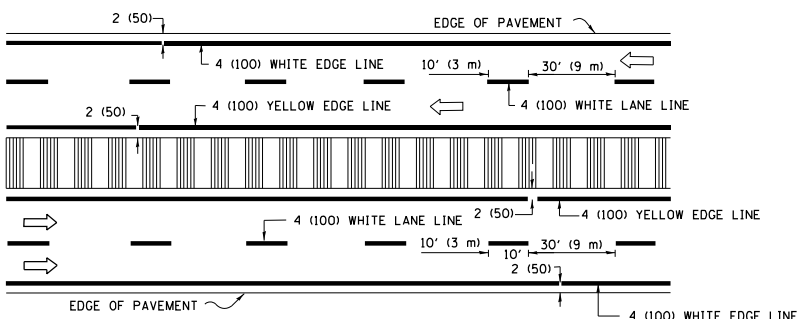
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TC-12		CONTRACT NO. 62N34		
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

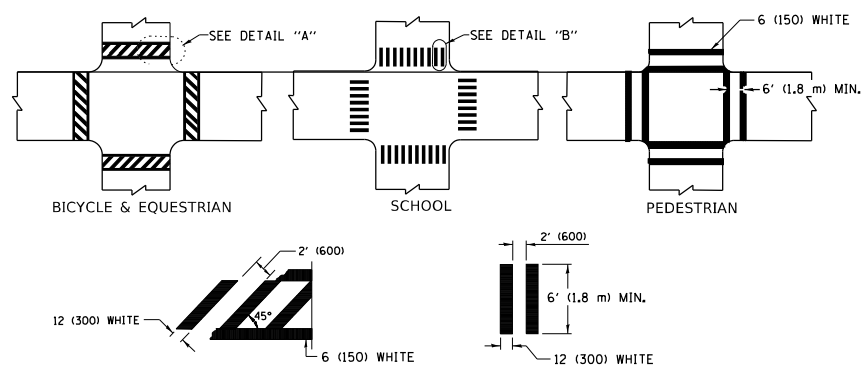


MULTI-LANE UNDIVIDED



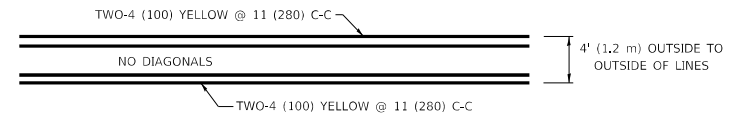
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

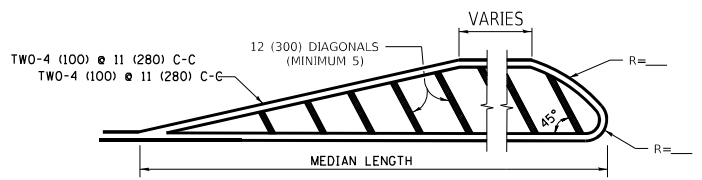


TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

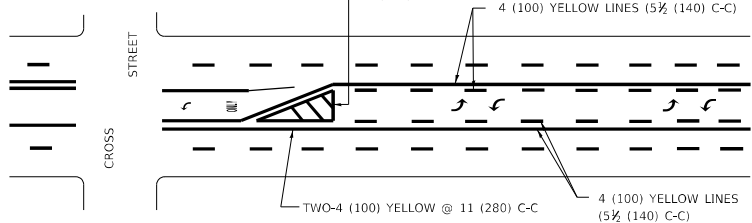


4' (1.2 m) WIDE MEDIANS ONLY



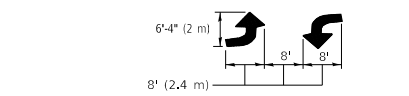
MEDIANS OVER 4' (1.2 m) WIDE

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))



**MEDIAN WITH TWO-WAY LEFT TURN LANE
TYPICAL PAINTED MEDIAN MARKING**

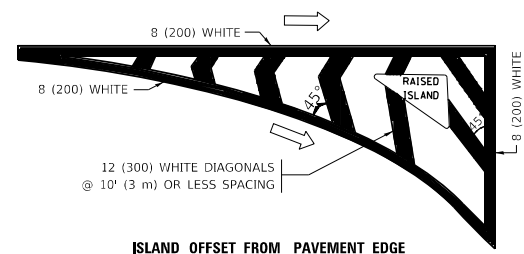
A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



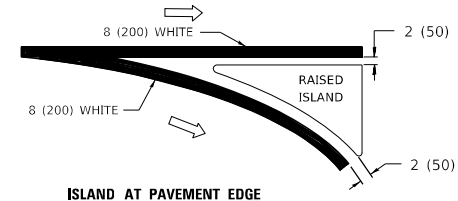
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

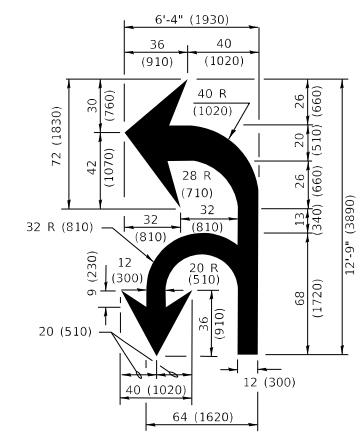
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



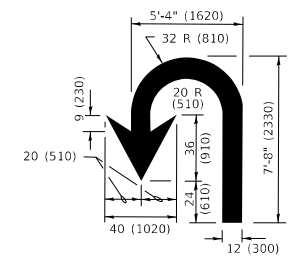
ISLAND OFFSET FROM PAVEMENT EDGE



**ISLAND AT PAVEMENT EDGE
TYPICAL ISLAND MARKING**



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES "RR" IS 8' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

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PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS			2021-005-BR	COOK	52	48
SCALE: NONE	SHEET 1 OF 2 SHEETS	STA. TO STA.	TC-13			
			ILLINOIS FED. AID PROJECT			

DISTRICT ONE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS			2021-005-BR	COOK	52	48
SCALE: NONE	SHEET 1 OF 2 SHEETS	STA. TO STA.	TC-13			
			ILLINOIS FED. AID PROJECT			

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

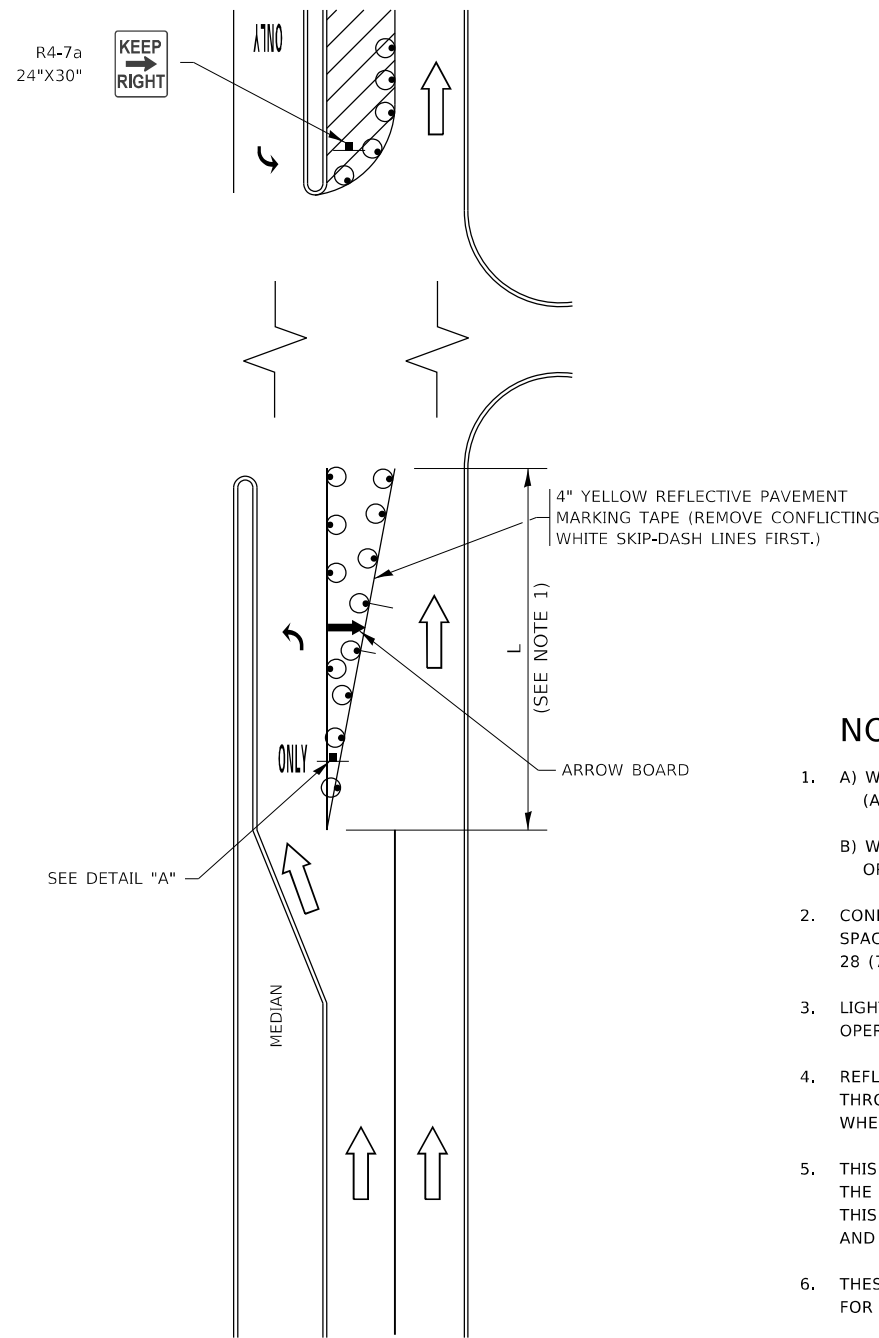


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

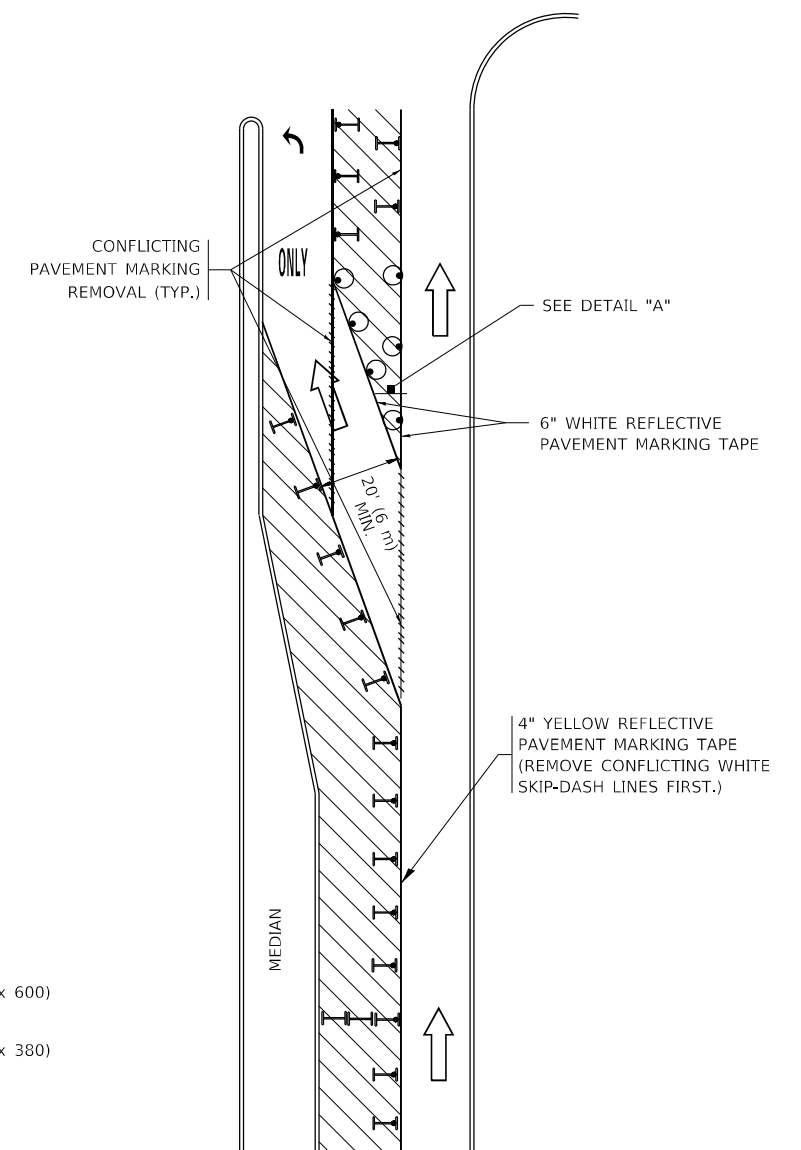


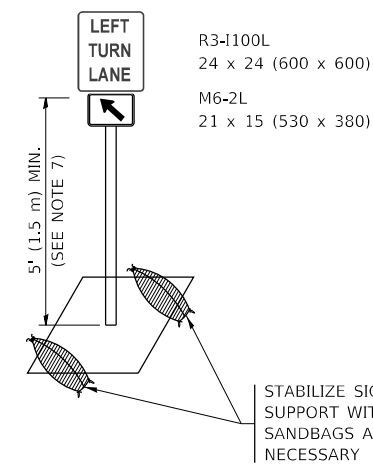
FIGURE 2

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



DETAIL A

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

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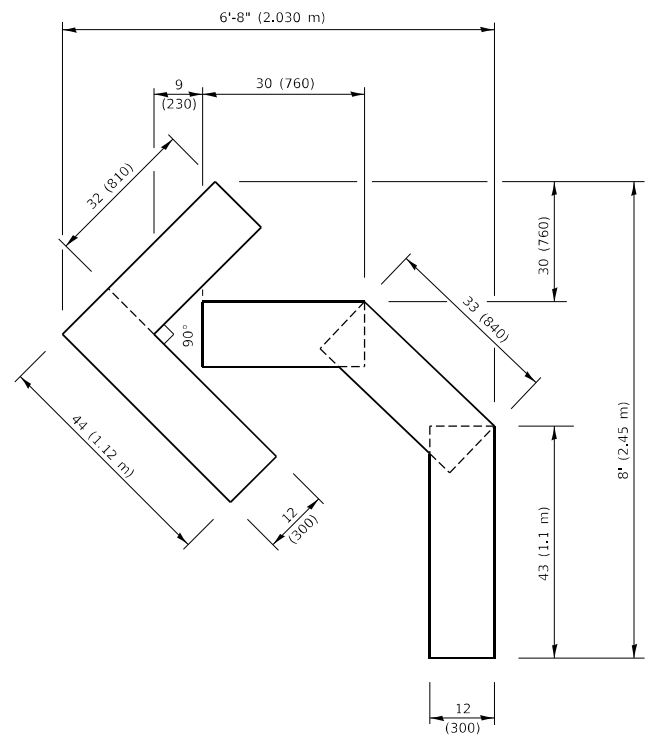
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PLOT DATE = 3/4/2019	DATE - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

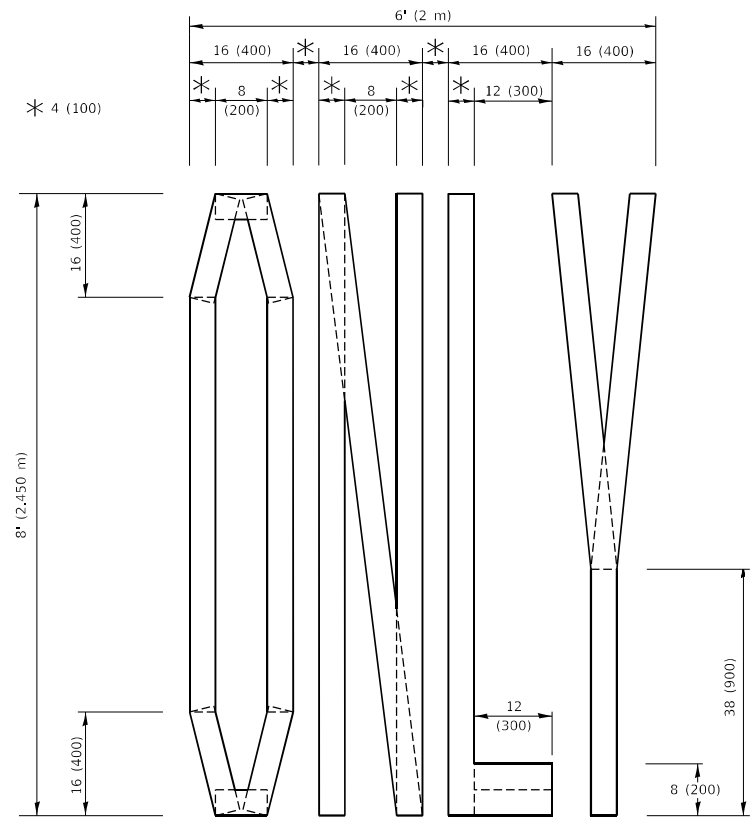
**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)**

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

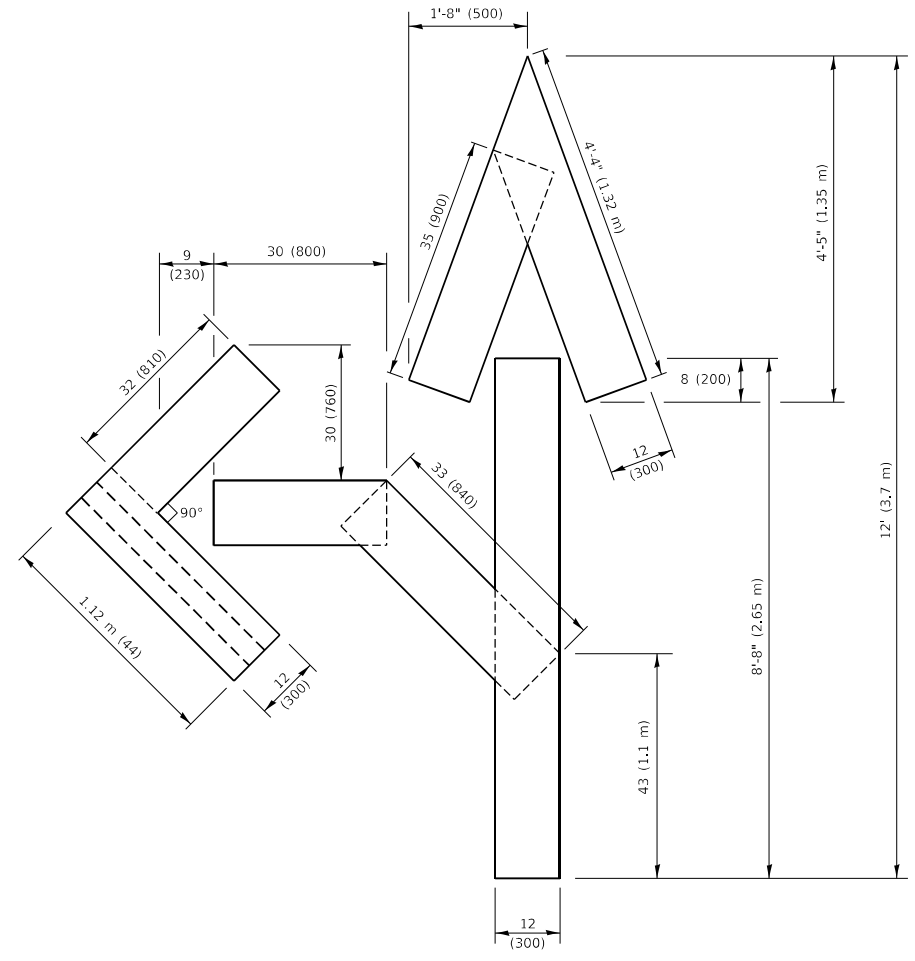
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2021-005-BR	COOK	52	49
TC-14		CONTRACT NO. 62N34		
ILLINOIS		FED. AID PROJECT		



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.41 sq. m)

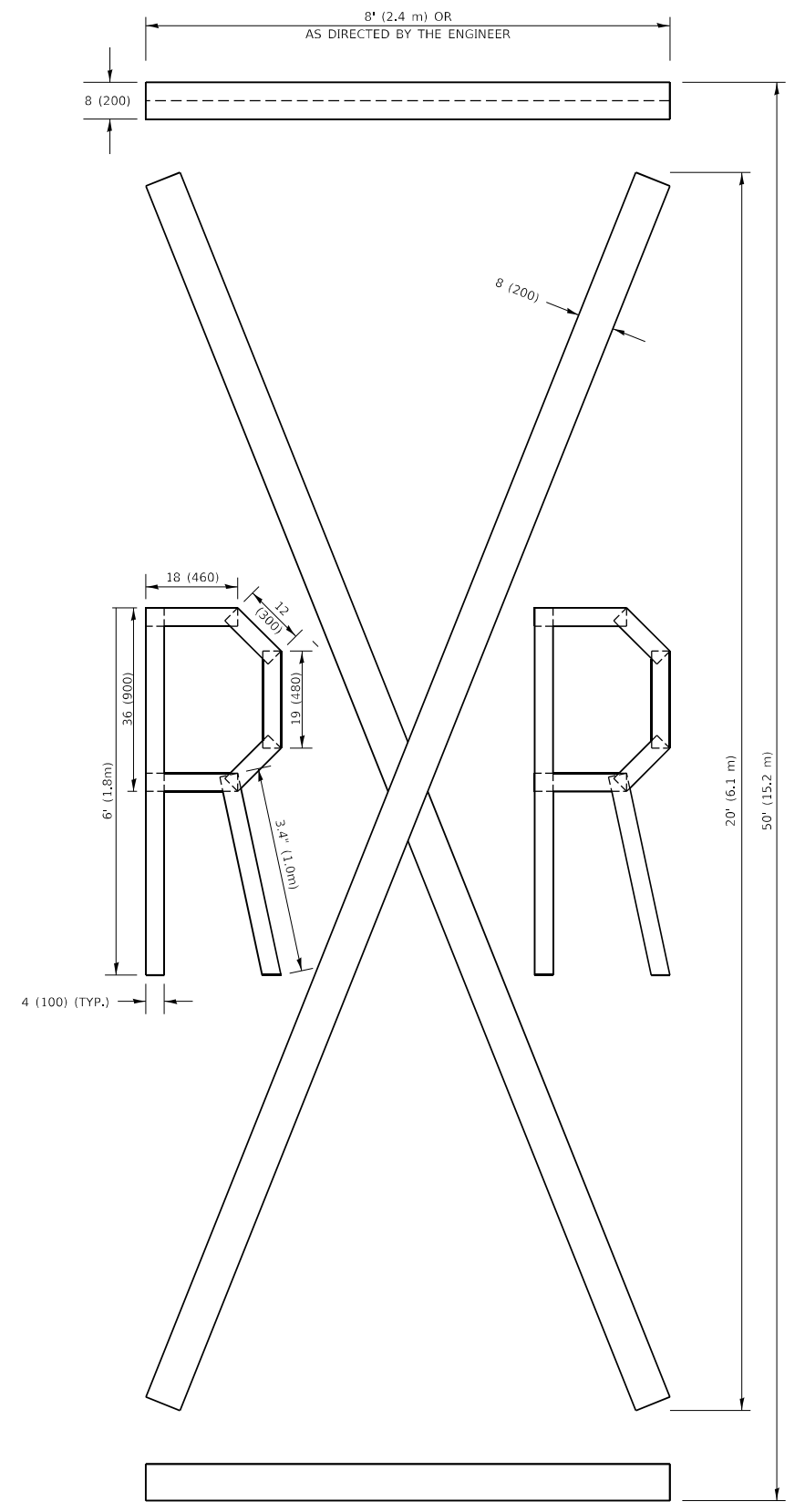


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.1 m)
 27.5 sq. ft. (2.53 sq. m)

NOTE:
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY
 4 (100) LINE = 225.9 ft. (68.9 m)
 75.3 sq. ft. (6.99 sq. m)

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

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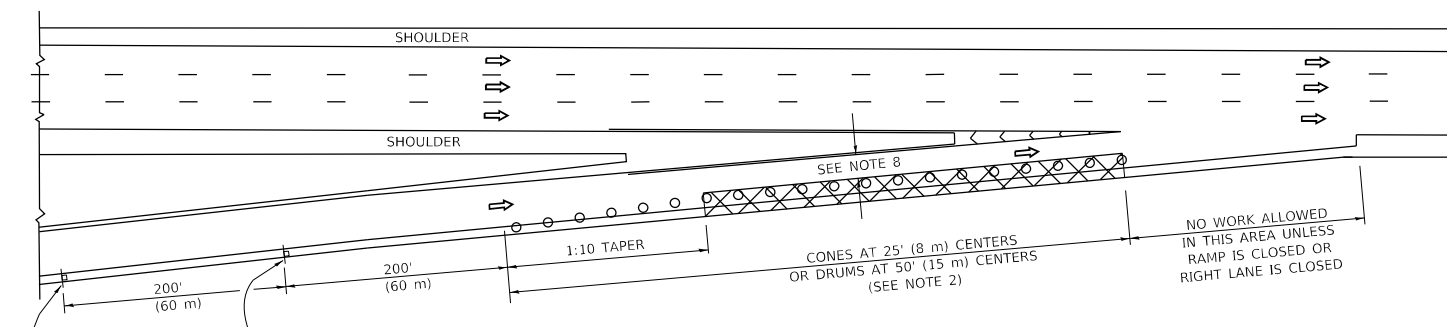
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

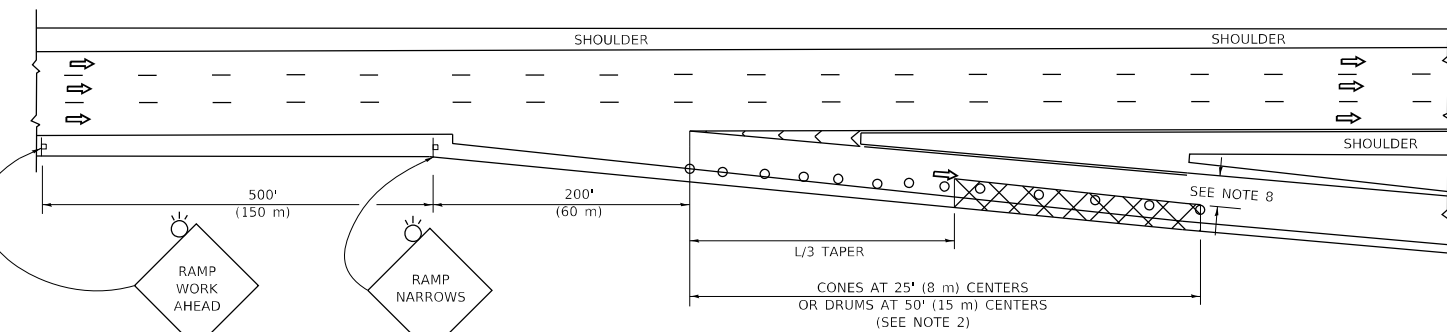
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	TC-16		CONTRACT NO. 62N34	
		ILLINOIS	FED. AID PROJECT	

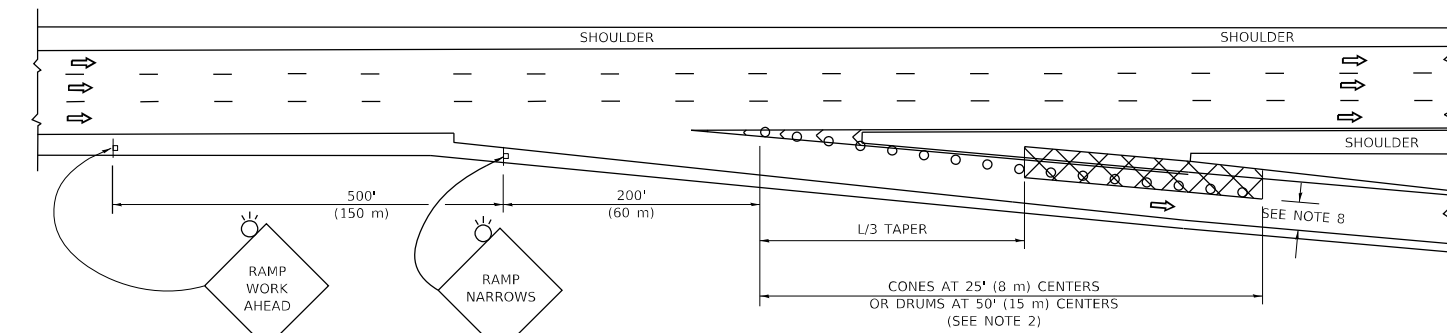
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

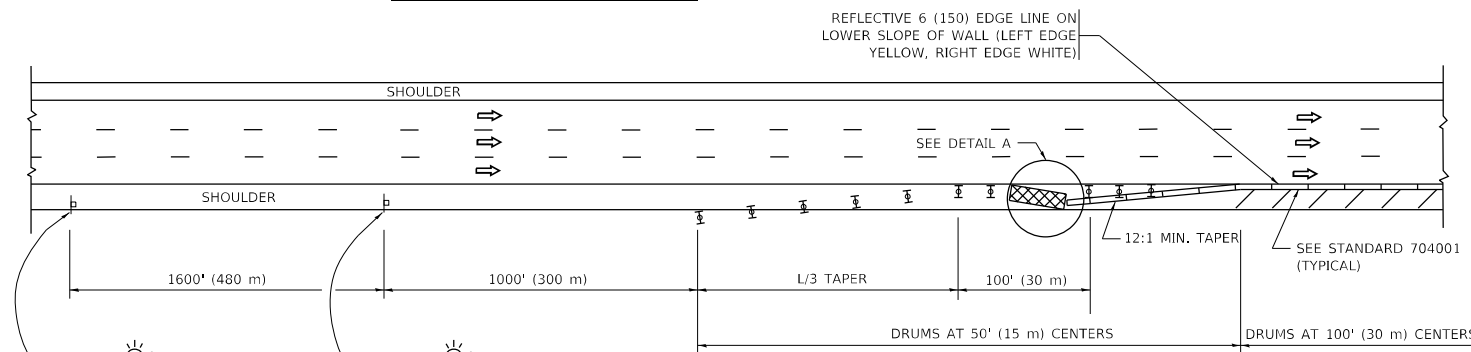
- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

GENERAL NOTES:

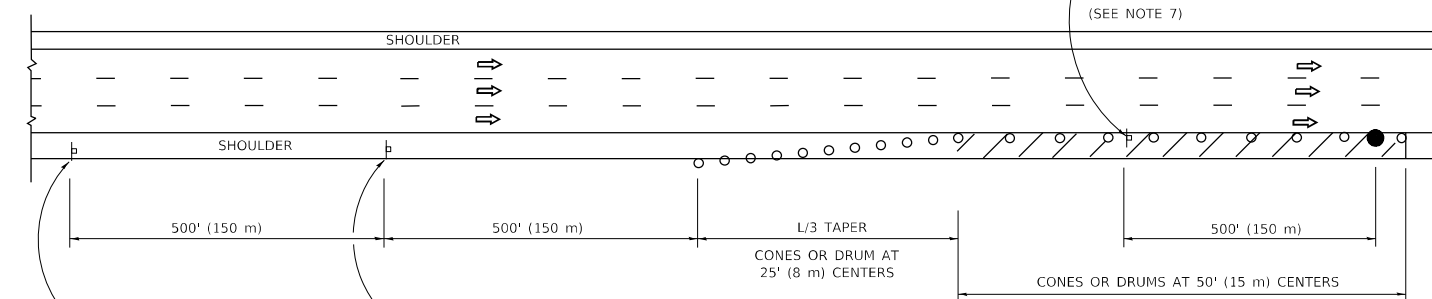
1. THE "L" DISTANCE EQUALS:

SPEED LIMIT	FORMULAS
45 mph (80 km/h)	METRIC ENGLISH
OR GREATER:	L=0.65(WXS) L=(W)S
W = WIDTH OF OFFSET IN FEET (METERS)	
S = NORMAL POSTED SPEED MPH (KM/H)	
2. 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.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

SHOULDER CLOSURE DETAILS

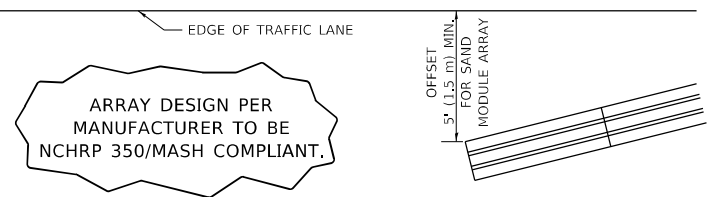


PERMANENT SHOULDER CLOSURE



DAYTIME 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)

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.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
 - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
 - b. 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.
8. 12' MIN. WIDTH TANGENT SECTION
16' MIN. WIDTH CURVE SECTION.

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

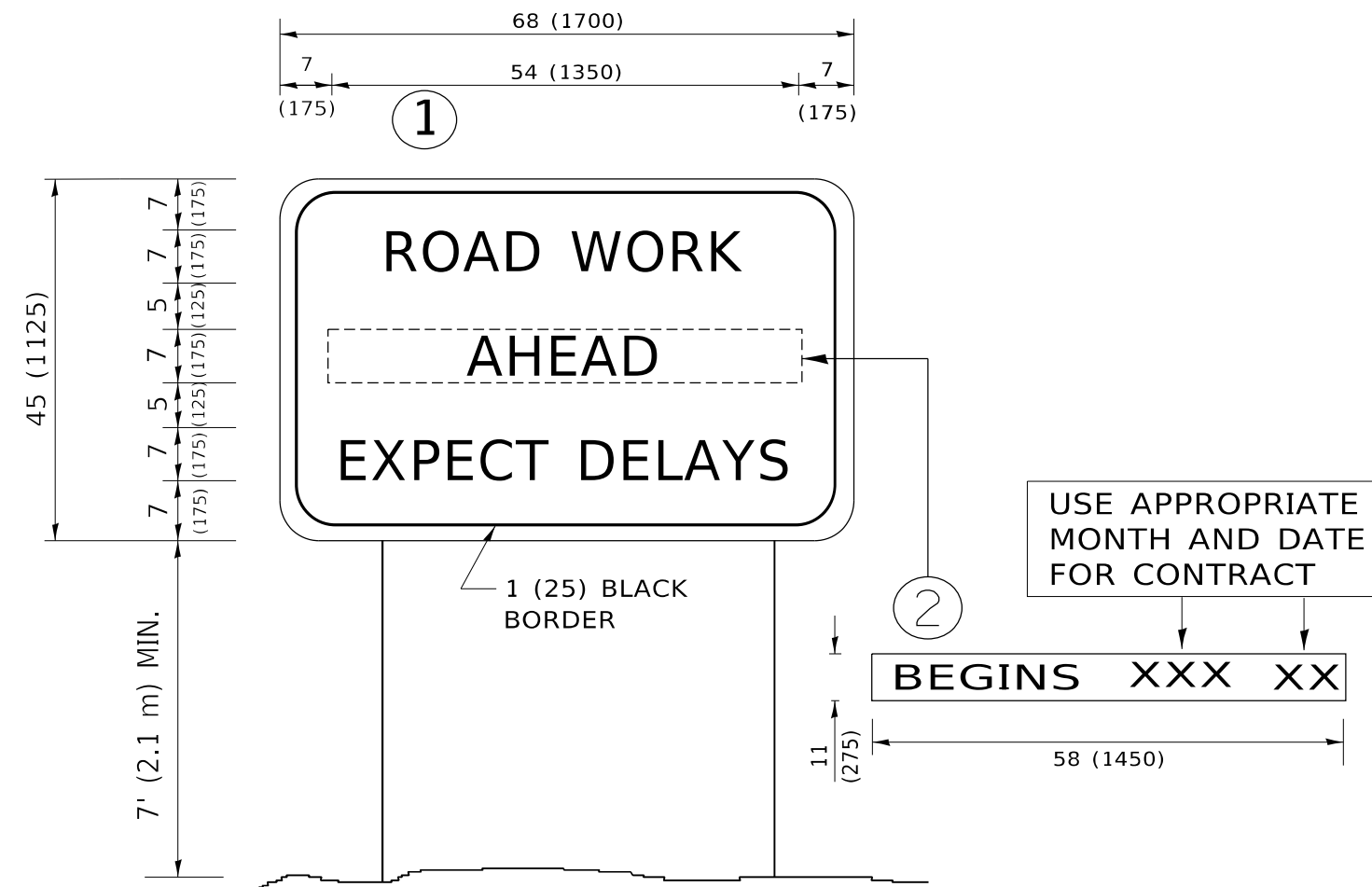
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR FREEWAY
SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES

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PLOT DATE = 3/4/2019	DATE - 11-96	REVISED - M.D. 01-18

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2021-005-BR	COOK	52	51
	TC-17		CONTRACT NO. 62N34	
		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.

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USER NAME = footemj	DESIGNED -	REVISED - R. MIRS 09-15-97
PLOT SCALE = 50.0000 ' / in.	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT DATE = 3/4/2019	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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2021-005-BR	COOK	52	52
TC-22			CONTRACT NO. 62N34	
ILLINOIS FED. AID PROJECT				