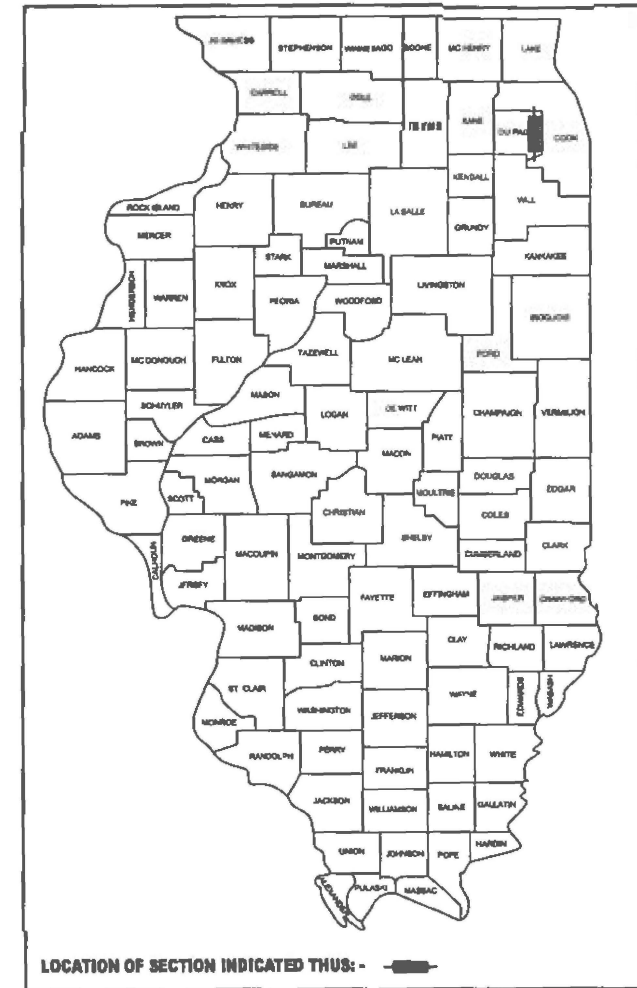


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2025-1096-RS	DUPAGE	28	1
ILLINOIS CONTRACT NO. 80B08				

\* 28 + 1 = 29 TOTAL SHEETS

D-91-161-25



FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS IMPROVEMENT IS IN THE VILLAGE OF BENSENVILLE

TRAFFIC DATA  
ADT: 34700 (2023)  
SPEED LIMIT : 45 MPH

PROPOSED  
HIGHWAY PLANS

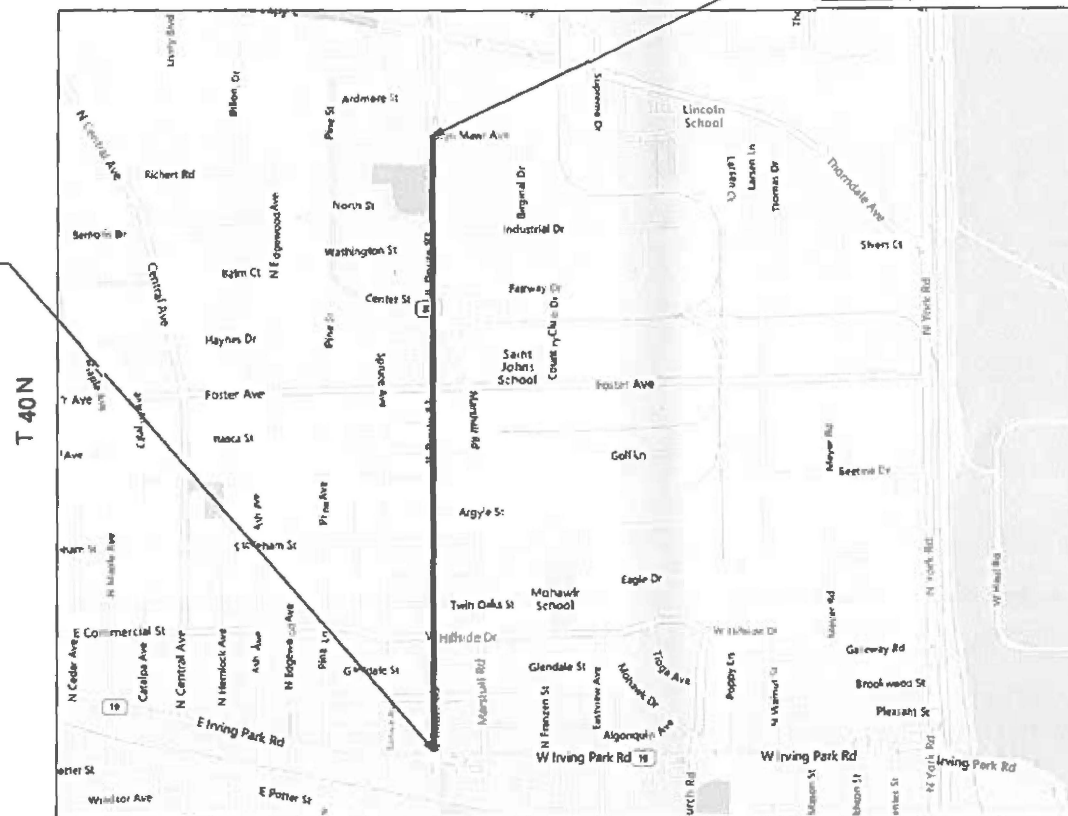
FAP ROUTE 334: IL-83 ( BUSSE RD )  
LIMIT: S OF BRYN MAWR AVE TO IL-19 (IRVING PARK RD)  
SECTION: 2025-1096-RS  
PROJECT: NHPP - WQ08(202)  
SMART OVERLAY & ADA IMPROVEMENT  
DUPAGE COUNTY

C-91-241-25

R 11 E

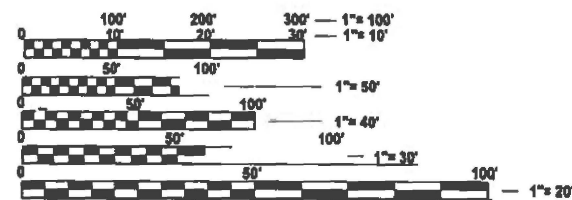
PROJECT END:  
STA. 82+01

PROJECT START:  
STA. 15+76



ADDISON TOWNSHIP

GROSS & NET LENGTH = 6,625 FT. = 1.25 MILE



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

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

PROJECT ENGINEER: DANIEL WILGREEN (847) 705-4240  
PROJECT MANAGER: J. ALAIN MIDY (847) 221-3056

CONTRACT NO. 80B08

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED Dec 2<sup>nd</sup> 2025

Joseph A. R. REGIONAL ENGINEER

January 23, 2026

Scott A. Etkin ENGINEER OF DESIGN AND ENVIRONMENT

January 23, 2026

Gregory S. DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS



SUMMARY OF QUANTITIES				TYPE CODE					
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
				ROADWAY	ROADWAY	SIGNALS			
				80% FED 20% STATE	100% STATE	80% FED 20% STATE			
Code No.	Item	Unit	Total Quantity	0005	0044	0021			
20200100	EARTH EXCAVATION	CU YD	10	10					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	22	22					
25200110	SODDING, SALT TOLERANT	SQ YD	22	22					
25200200	SUPPLEMENTAL WATERING	UNIT	1	1					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	33063	33063					
40600370	LONGITUDINAL JOINT SEALANT	FOOT	29120	29120					
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	111	111					
40600405	MATERIAL TRANSFER DEVICE	TON	6950	6950					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	330	330					
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	321	321					
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	1279	1279					
40605036	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, MIX "F", N80	TON	6950	6950					
42001300	PROTECTIVE COAT	SQ YD	165	165					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	280	280					
42400800	DETECTABLE WARNINGS	SQ FT	80	80					
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	73472	73472					
44000600	SIDEWALK REMOVAL	SQ FT	294	294					
44002212	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3"	SQ YD	3146	3146					
44201749	CLASS D PATCHES, TYPE I, 9 INCH	SQ YD	184	184					
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	654	654					
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	1103	1103					
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	919	919					
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	981	981					

SUMMARY OF QUANTITIES				TYPE CODE					
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
				ROADWAY	ROADWAY	SIGNALS			
				80% FED 20% STATE	100% STATE	80% FED 20% STATE			
Code No.	Item	Unit	Total Quantity	0005	0044	0021			
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1					
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	3	3					
Δ 60905305	BOX CULVERTS TO BE CLEANED	FOOT	125		125				
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	10	10					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2					
* 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	2	2					
67100100	MOBILIZATION	L SUM	1	1					
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1					
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1	1					
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1					
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1					
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1					
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	13581	13581					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2264	2264					
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	535	535					
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	33671	33671					
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	2942	2942					
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	793	793					

\* SPECIALTY ITEM

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PLOT DATE = 12/5/2025	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF 2	SHEETS	STA.	TO STA.	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						334	2025-1096-RS	DUPAGE	28	3
CONTRACT NO. 80B08										
ILLINOIS FED. AID PROJECT										

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SUMMARY OF QUANTITIES					TYPE CODE					
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
					ROADWAY	ROADWAY	SIGNALS			
					80% FED 20% STATE	100% STATE	80% FED 20% STATE			
Code No.	Item	Unit	Total Quantity	0005	0044	0021				
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"-PAINT	FOOT	2046	2046						
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"-PAINT	FOOT	459	459						
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	6791	6791						
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	535	535						
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	27047	27047						
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2942	2942						
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	793	793						
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2046	2046						
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	459	459						
* 78004620	PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 4"	FOOT	6624	6624						
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	6624	6624						
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	669	669						
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	699	699						
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	193			193				
81400200	HEAVY-DUTY HANDHOLE	EACH	2			2				
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2			2				
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	843			843				
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	351			351				
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4040			4040				
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	111			111				
* 87900100	DRILL EXISTING FOUNDATION	EACH	3			3				
87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	3			3				
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	8			8				
* 88600100	DETECTOR LOOP, TYPE I	FOOT	2195			2195				

SUMMARY OF QUANTITIES					TYPE CODE					
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
					ROADWAY	ROADWAY	SIGNALS			
					80% FED 20% STATE	100% STATE	80% FED 20% STATE			
Code No.	Item	Unit	Total Quantity	0005	0044	0021				
* 89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1			1				
89502300	REMOVE EXISTING ELECTRIC CABLE FROM CONDUIT	FOOT	1267			1267				
* 89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	21			21				
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2			2				
89502380	REMOVE EXISTING HANDHOLE	EACH	2			2				
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1			1				
* X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1			1				
* X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3			3				
X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL)	SQ FT	13	13						
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	10	10						
X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	100	100						
X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	350	350						
Δ X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	341		341					
Δ X5538600	STORM SEWERS TO BE CLEANED 36"	FOOT	585		585					
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	13	13						
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12						
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	77	77						
* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6			6				
X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16			16				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1						
Δ Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	15		15					
* Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	2			2				

\* SPECIALTY ITEM

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	DRAWN -	REVISED -
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PLOT DATE = 12/5/2025	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
 S OF BRYN MAWR AVE TO IL-19 (IRVING PARK RD)

F.A.P. RTE. 334	SECTION 2025-1096-RS	COUNTY DUPAGE	TOTAL SHEETS 28	SHEET NO. 4
CONTRACT NO. 80B08				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF 2 SHEETS STA. TO STA.

# LEGEND

1. EXISTING P.C.C. BASE, ±9"
2. EXISTING HOT-MIX ASPHALT, ±3"
3. EXISTING HOT-MIX ASPHALT SHOULDER, ±10"
4. EXISTING CURB AND GUTTER TYPE B-6.12 OR B-6.24
5. EXISTING LANDSCAPE OR CONCRETE MEDIAN SURFACES 5"
6. PROPOSED HMA SURFACE REMOVAL 2"
7. PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 12.5, MIX "F", N80, 2"
8. PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
9. PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
10. PROPOSED GRADING AND SHAPING SHOULDERS

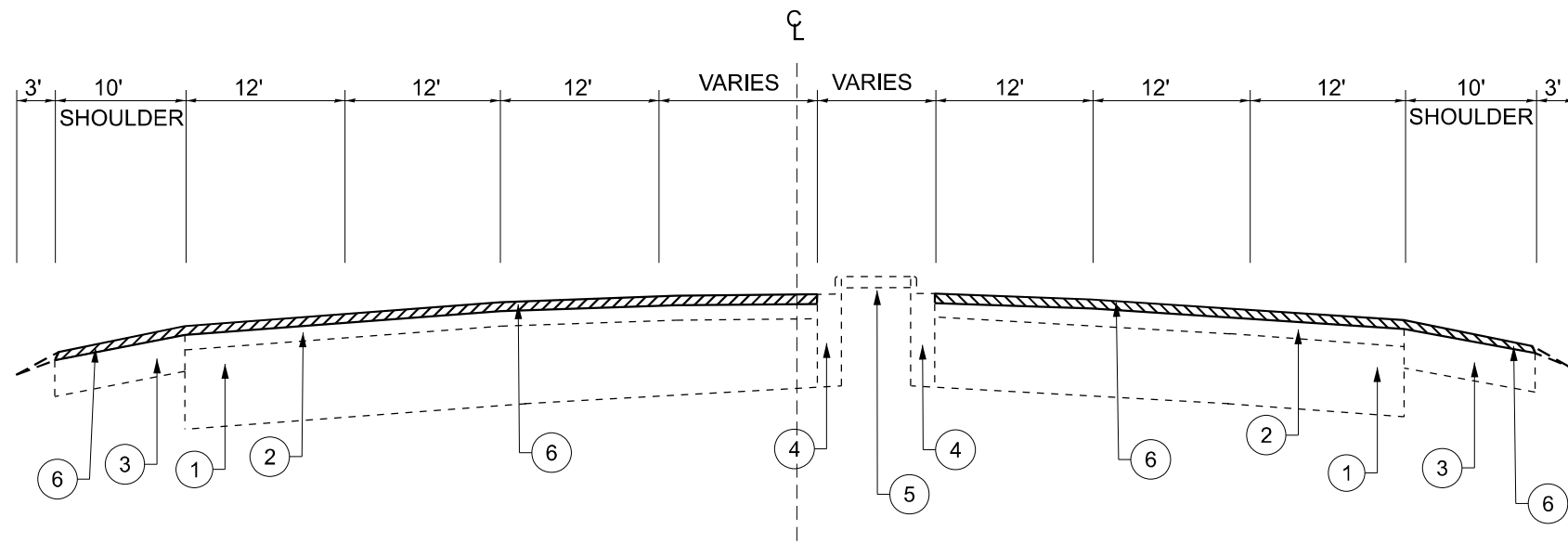
# NOTE:

1. CONTRACTOR SHALL PATCH BEFORE MILLING
2. LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE MILLED SURFACE

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QMP	MTD (YES/NO)
MIXTURE TYPE	AIR VOIDS @ Ndesign		
<b>PAVEMENT RESURFACING</b>			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, MIX "F", N80, 2"	3.5% @ 80 Gyr.	QCP	YES
<b>HMA SHOULDER RESURFACING</b>			
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	4% @ 70 Gyr.	QC/QA	NO
<b>PATCHING</b>			
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 90 Gyr.	QC/QA	NO
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 90 Gyr.	QC/QA	NO
<b>QMP Designations: Quality Control/Quality Assurance (QC/QA); Quality Control for Performance (QCP); Pay for Performance (PPP)</b>			

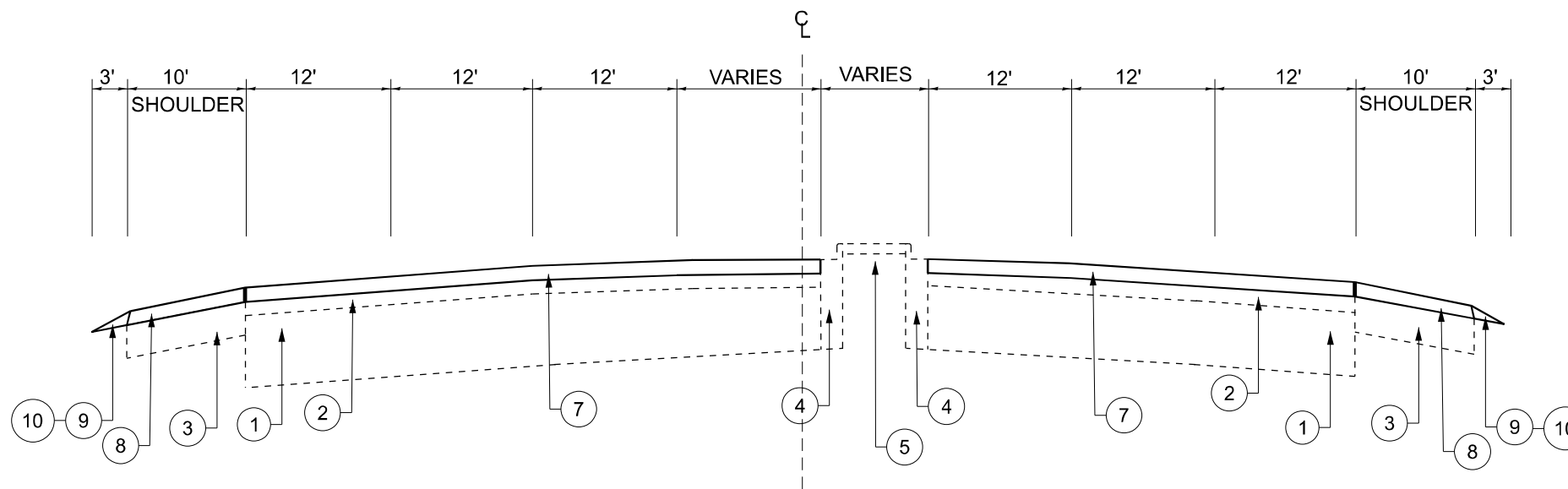
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

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



IL ROUTE 83  
STA. 15+76 TO STA. 59+48

EXISTING TYPICAL SECTION



IL ROUTE 83  
STA. 15+76 TO STA. 59+48

PROPOSED TYPICAL SECTION

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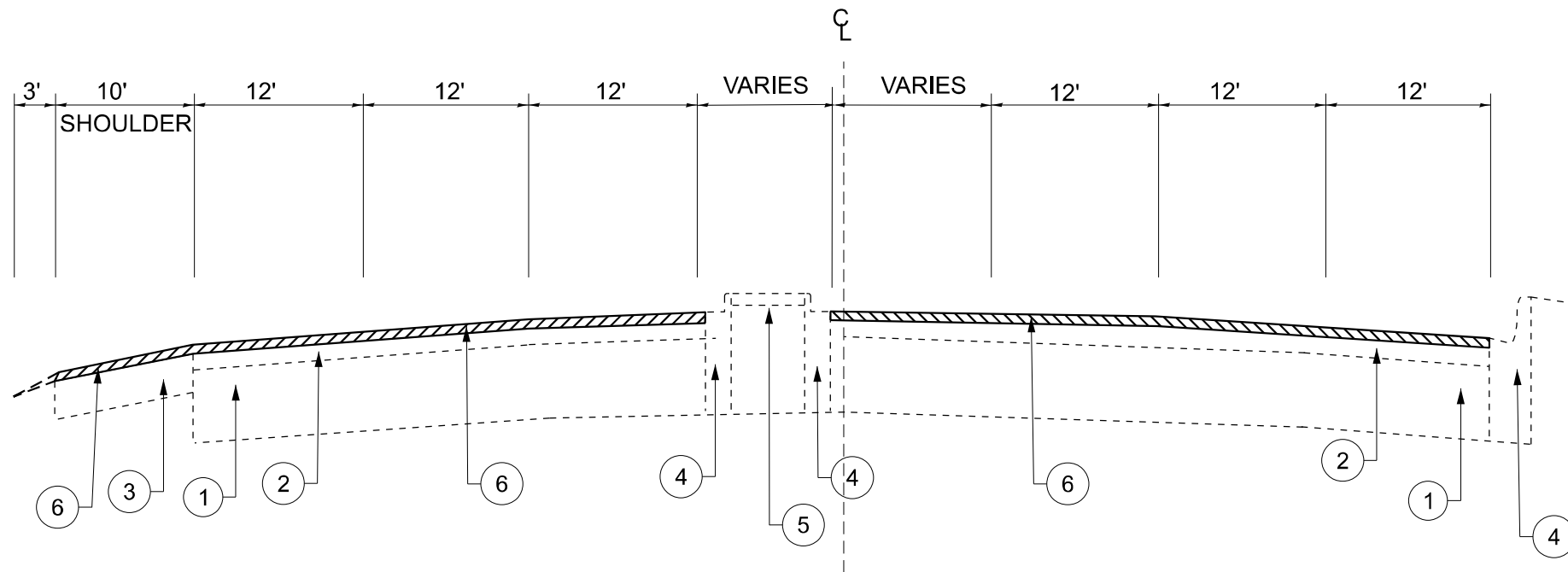
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PLOT DATE = 12/5/2025	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
S OF BRYN MAWR AVE TO IL-19 ( IRVING PARK RD )

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2025-1096-RS	DUPAGE	28	5
CONTRACT NO. 80B08				
ILLINOIS FED. AID PROJECT				

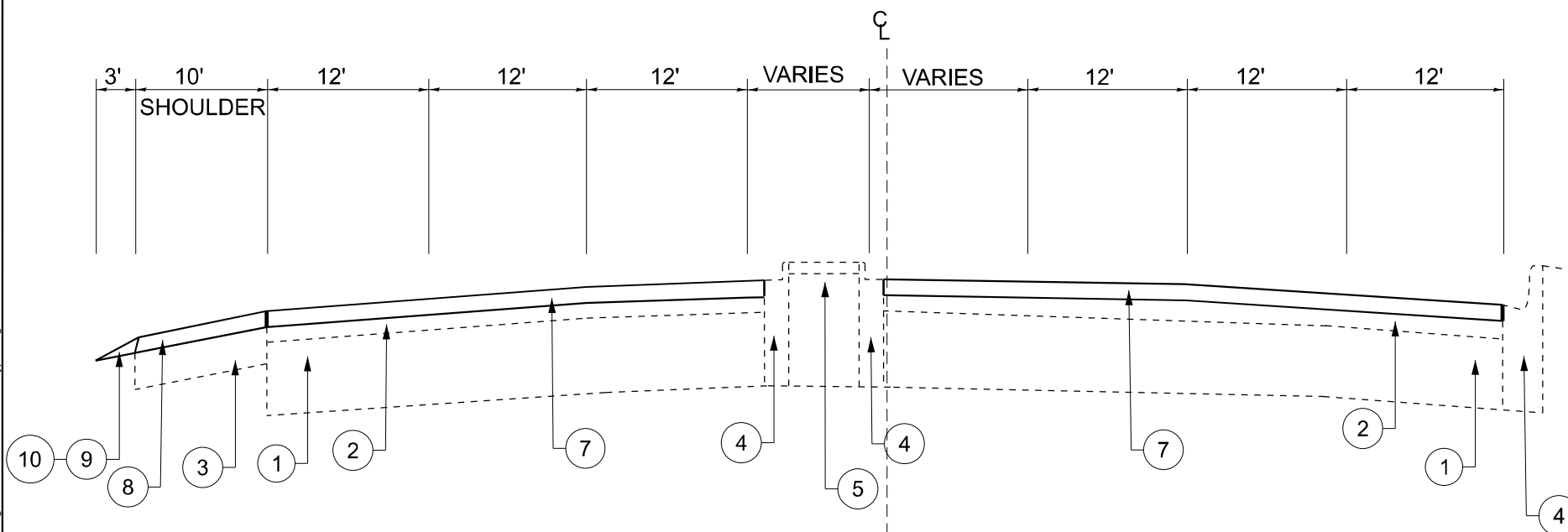


IL ROUTE 83  
STA. 59+48 TO STA. 82+01

EXISTING TYPICAL SECTION

## LEGEND

1. EXISTING P.C.C. BASE, ±9"
2. EXISTING HOT-MIX ASPHALT, ±3"
3. EXISTING HOT-MIX ASPHALT SHOULDER, ±10"
4. EXISTING CURB AND GUTTER TYPE B-6.12 OR B-6.24
5. EXISTING LANDSCAPE OR CONCRETE MEDIAN SURFACES 5"
6. PROPOSED HMA SURFACE REMOVAL 2"
7. PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 12.5, MIX "F", N80, 2"
8. PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
9. PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
10. PROPOSED GRADING AND SHAPING SHOULDERS



IL ROUTE 83  
STA. 59+48 TO STA. 82+01

PROPOSED TYPICAL SECTION

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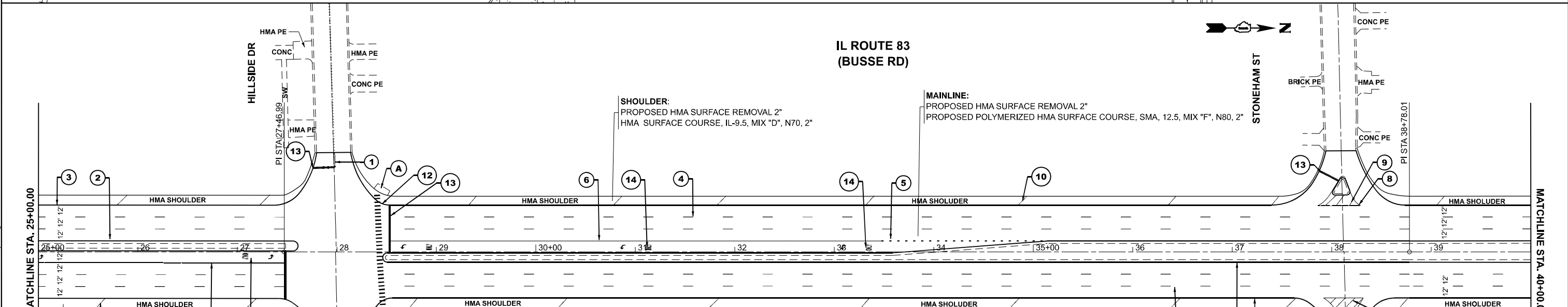
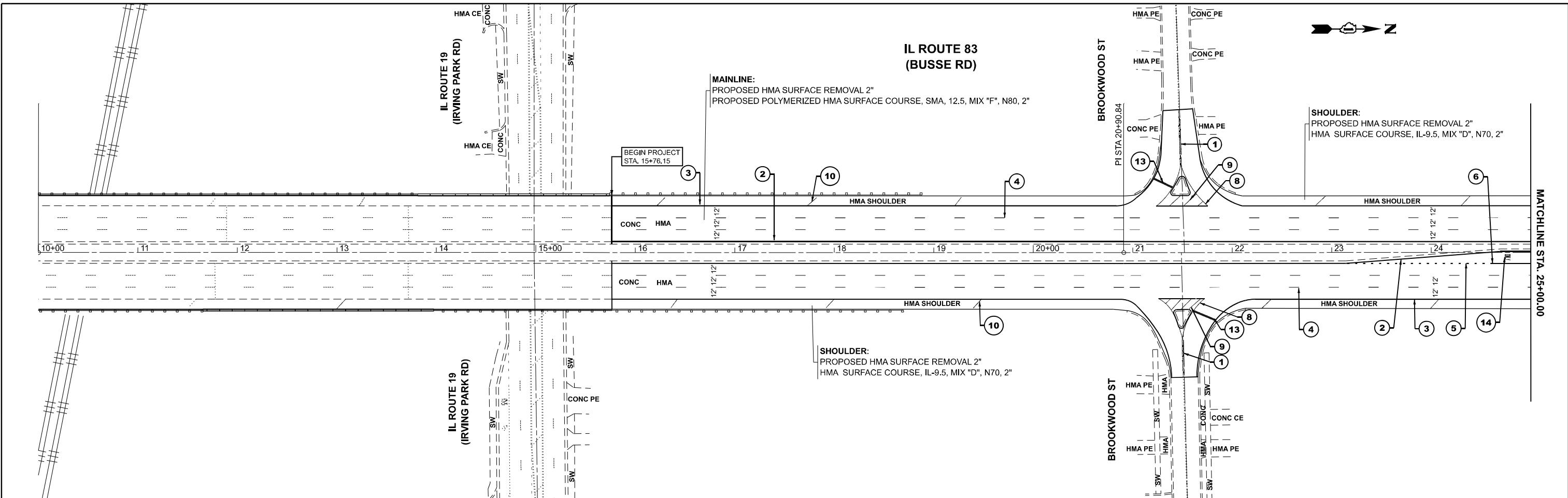
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
S OF BRYN MAWR AVE TO IL-19 ( IRVING PARK RD )

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2025-1096-RS	DUPAGE	28	6
CONTRACT NO. 80B08			ILLINOIS FED. AID PROJECT	



- |   |   |    |   |   |  |
|---|---|----|---|---|--|
| 1 | PROP. THERMOPLASTIC PVMT. MARKING 4", DOUBLE CENTERLINE, YELLOW (TYP.)                      | 7  | PROP. THERMOPLASTIC PVMT. MARKING 6", CROSSWALK, WHITE (TYP.)                               | 13  | PROP. THERMOPLASTIC PVMT. MARKING 24", STOP BAR, WHITE (TYP.)        |
| 2 | PROP. THERMOPLASTIC PVMT. MARKING 4", EDGE CENTERLINE, YELLOW (TYP.)                        | 8  | PROP. THERMOPLASTIC PVMT. MARKING 8", GORE MARKING LINE, WHITE (TYP.)                       | 14  | PROP. THERMOPLASTIC PVMT. MARKING, LETTERS AND SYMBOLS, WHITE (TYP.) |
| 3 | PROP. THERMOPLASTIC PVMT. MARKING 4", EDGE SHOULDER LINE, WHITE (TYP.)                      | 9  | PROP. THERMOPLASTIC PVMT. MARKING 12", GORE LINES @ 45°, WHITE (TYP.)                       | <b>ADA CORNER LEGEND:</b><br>A PEDESTRIAN CURB RAMP IMPROVEMENT, SEE ADA DETAILS<br>B PEDESTRIAN CURB RAMP IMPROVEMENT, ADA DETAIL (PD-01C)<br>C DETECTABLE WARNINGS TILE-ONLY ADA CORNER |  |
| 4 | PROP. PREFORMED PLASTIC PVMT. TYPE 1, STANDARD 4", 10' DASH, 30' SKIP, WHITE, GROOVED(TYP.) | 10 | PROP. THERMOPLASTIC PVMT. MARKING 12" DIAGONAL @45° SHOULDER LINE, WHITE (TYP.)             |   |  |
| 5 | PROP. THERMOPLASTIC PVMT. MARKING 6", 2' DASH, 6' SKIP, WHITE (TYP.)                        | 11 | PROP. THERMOPLASTIC PAVEMENT MARKING 12" CROSSWALK @ 45°, 2' C-C, WHITE (TYP.)              |   |  |
| 6 | PROP. THERMOPLASTIC PVMT. MARKING 6", TURN LANE, WHITE (TYP.)                               | 12 | THERMOPLASTIC PAVEMENT MARKING - LINE 12", LONGITUDINAL CROSSWALK LINE 2' C-C, WHITE (TYP.) |   |  |

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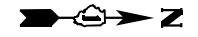
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PLOT DATE	= 1/7/2026				

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

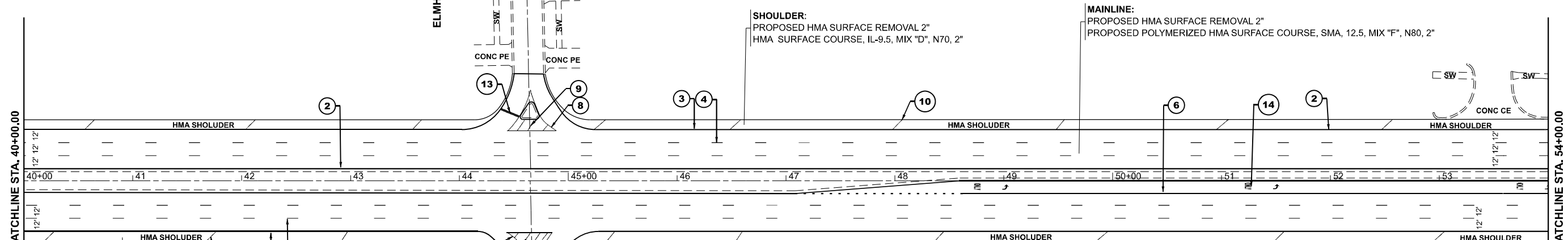
**ROADWAY AND PAVEMENT MARKING PLANS  
S OF BRYN MAWR AVE TO IL-19 ( IRVING PARK RD )**

SCALE: 1"=50'      SHEET 1    OF 6    SHEETS    STA. 10+00.00    TO STA. 40+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2025-1096-RS	DUPAGE	28	7
CONTRACT NO. 80B08				
ILLINOIS FED. AID PROJECT				



IL ROUTE 83  
(BUSSE RD)

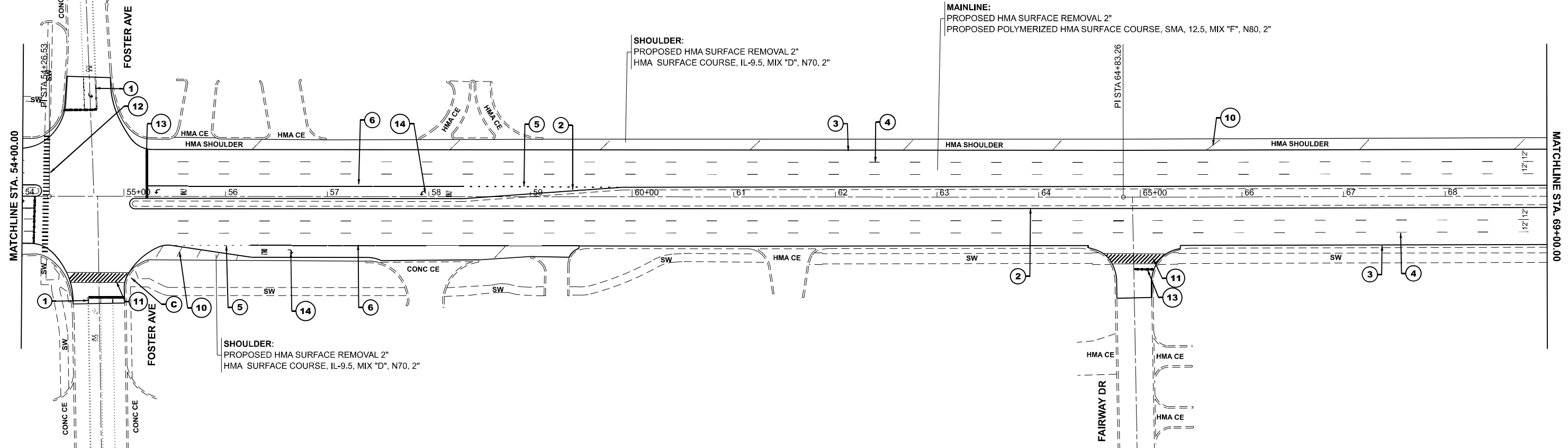


- 1 PROP. THERMOPLASTIC PVMT. MARKING 4", DOUBLE CENTERLINE, YELLOW (TYP.)
- 2 PROP. THERMOPLASTIC PVMT. MARKING 4", EDGE CENTERLINE, YELLOW (TYP.)
- 3 PROP. THERMOPLASTIC PVMT. MARKING 4", EDGE SHOULDER LINE, WHITE (TYP.)
- 4 PROP. PREFORMED PLASTIC PVMT. TYPE 1, STANDARD 4", 10' DASH, 30' SKIP, WHITE, GROOVED(TYP.)
- 5 PROP. THERMOPLASTIC PVMT. MARKING 6", 2' DASH, 6' SKIP, WHITE (TYP.)
- 6 PROP. THERMOPLASTIC PVMT. MARKING 6", TURN LANE, WHITE (TYP.)
- 7 PROP. THERMOPLASTIC PVMT. MARKING, 6", CROSSWALK, WHITE (TYP.)
- 8 PROP. THERMOPLASTIC PVMT. MARKING 8", GORE MARKING LINE, WHITE (TYP.)
- 9 PROP. THERMOPLASTIC PVMT. MARKING 12", GORE LINES @ 45°, WHITE (TYP.)
- 10 PROP. THERMOPLASTIC PVMT. MARKING 12" DIAGONAL @45° SHOULDER LINE, WHITE (TYP.)
- 11 PROP. THERMOPLASTIC PAVEMENT MARKING 12" CROSSWALK @ 45°, 2' C-C, WHITE (TYP.)
- 12 THERMOPLASTIC PAVEMENT MARKING - LINE 12", LONGITUDINAL CROSSWALK LINE 2' C-C, WHITE (TYP.)
- 13 PROP. THERMOPLASTIC PVMT. MARKING 24", STOP BAR, WHITE (TYP.)
- 14 PROP. THERMOPLASTIC PVMT. MARKING, LETTERS AND SYMBOLS, WHITE (TYP.)

ADA CORNER LEGEND:

(A)	PEDESTRIAN CURB RAMP IMPROVEMENT, SEE ADA DETAILS
(B)	PEDESTRIAN CURB RAMP IMPROVEMENT, ADA DETAIL (PD-01C)
(C)	DETECTABLE WARNINGS TILE-ONLY ADA CORNER

IL ROUTE 83  
(BUSSE RD)



MODEL: EXCL - IL 85 (Sheet)  
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	DRAWN -	REVISED -
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PLOT DATE = 1/7/2026	DATE -	REVISED -

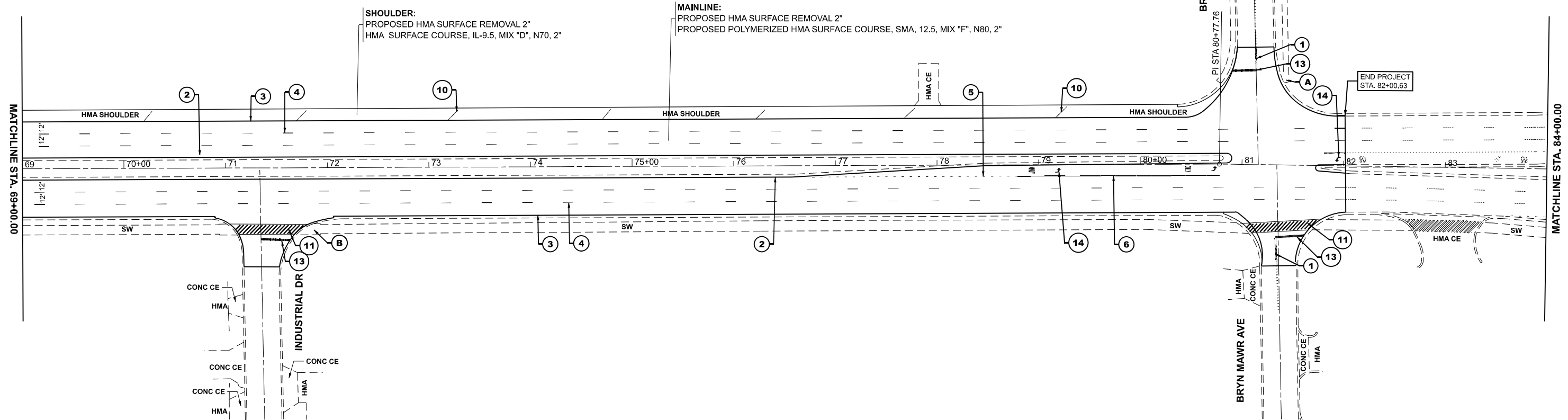
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY AND PAVEMENT MARKING PLANS  
S OF BRYN MAWR AVE TO IL-19 ( IRVING PARK RD )

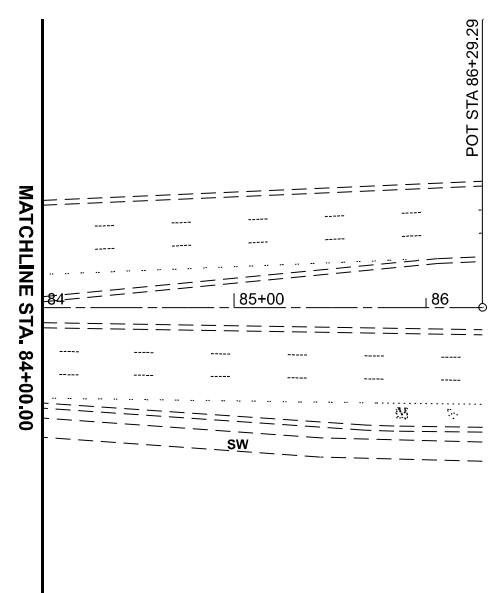
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2025-1096-RS	DUPAGE	28	8
CONTRACT NO. 80B08				
ILLINOIS FED. AID PROJECT				

**IL ROUTE 83  
(BUSSE RD)**



**IL ROUTE 83  
(BUSSE RD)**



- ① PROP. THERMOPLASTIC PVMT. MARKING 4", DOUBLE CENTERLINE, YELLOW (TYP.)
- ② PROP. THERMOPLASTIC PVMT. MARKING 4", EDGE CENTERLINE, YELLOW (TYP.)
- ③ PROP. THERMOPLASTIC PVMT. MARKING 4", EDGE SHOULDER LINE, WHITE (TYP.)
- ④ PROP. PREFORMED PLASTIC PVMT. TYPE 1, STANDARD 4", 10' DASH, 30' SKIP, WHITE, GROOVED(TYP.)
- ⑤ PROP. THERMOPLASTIC PVMT. MARKING 6", 2' DASH, 6' SKIP, WHITE (TYP.)
- ⑥ PROP. THERMOPLASTIC PVMT. MARKING 6", TURN LANE, WHITE (TYP.)
- ⑦ PROP. THERMOPLASTIC PVMT. MARKING 6", CROSSWALK, WHITE (TYP.)
- ⑧ PROP. THERMOPLASTIC PVMT. MARKING 8", GORE MARKING LINE, WHITE (TYP.)
- ⑨ PROP. THERMOPLASTIC PVMT. MARKING 12", GORE LINES @ 45°, WHITE (TYP.)
- ⑩ PROP. THERMOPLASTIC PVMT. MARKING 12" DIALGONAL @45° SHOULDER LINE, WHITE (TYP.)
- ⑪ PROP. THERMOPLASTIC PAVEMENT MARKING 12" CROSSWALK @ 45°, 2' C-C, WHITE (TYP.)
- ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 12", LONGITUDINAL CROSSWALK LINE 2' C-C, WHITE (TYP.)
- ⑬ PROP. THERMOPLASTIC PVMT. MARKING 24", STOP BAR, WHITE (TYP.)
- ⑭ PROP. THERMOPLASTIC PVMT. MARKING, LETTERS AND SYMBOLS, WHITE (TYP.)

ADA CORNER LEGEND:

- (A) PEDESTRIAN CURB RAMP IMPROVEMENT, SEE ADA DETAILS
- (B) PEDESTRIAN CURB RAMP IMPROVEMENT, ADA DETAIL (PD-01C)
- (C) DETECTABLE WARNINGS TILE-ONLY ADA CORNER

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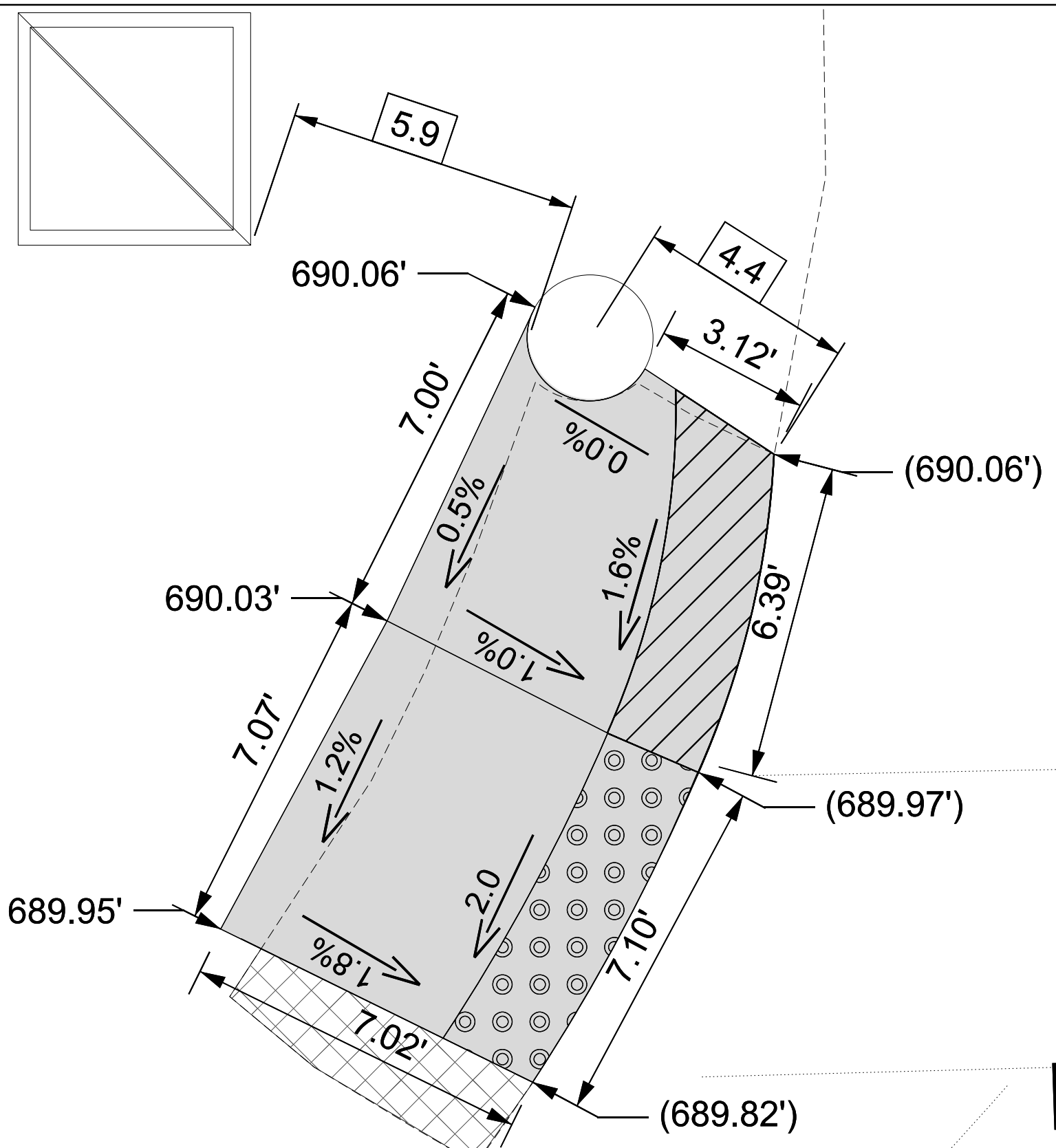
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLANS  
S OF BRYN MAWR AVE TO IL-19 ( IRVING PARK RD )**

SCALE: 1"=50' SHEET 1 OF 6 SHEETS STA. 69+00.00 TO STA. 99+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2025-1096-RS	DUPAGE	28	9
CONTRACT NO. 80B08				
ILLINOIS FED. AID PROJECT				



**IL. ROUTE 83  
(BUSSE RD.)**

**HILLSIDE DR.**

LEGEND	
xx.xx'	EXISTING LENGTH
---	PROPOSED SIDE CURB
( )	EXISTING ELEVATION/SLOPE
[Solid Gray Box]	PROPOSED SIDEWALK
[Hatched Box]	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL)
[Circle with Dashed Line]	DETECTABLE WARNINGS
[Cross-hatched Box]	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

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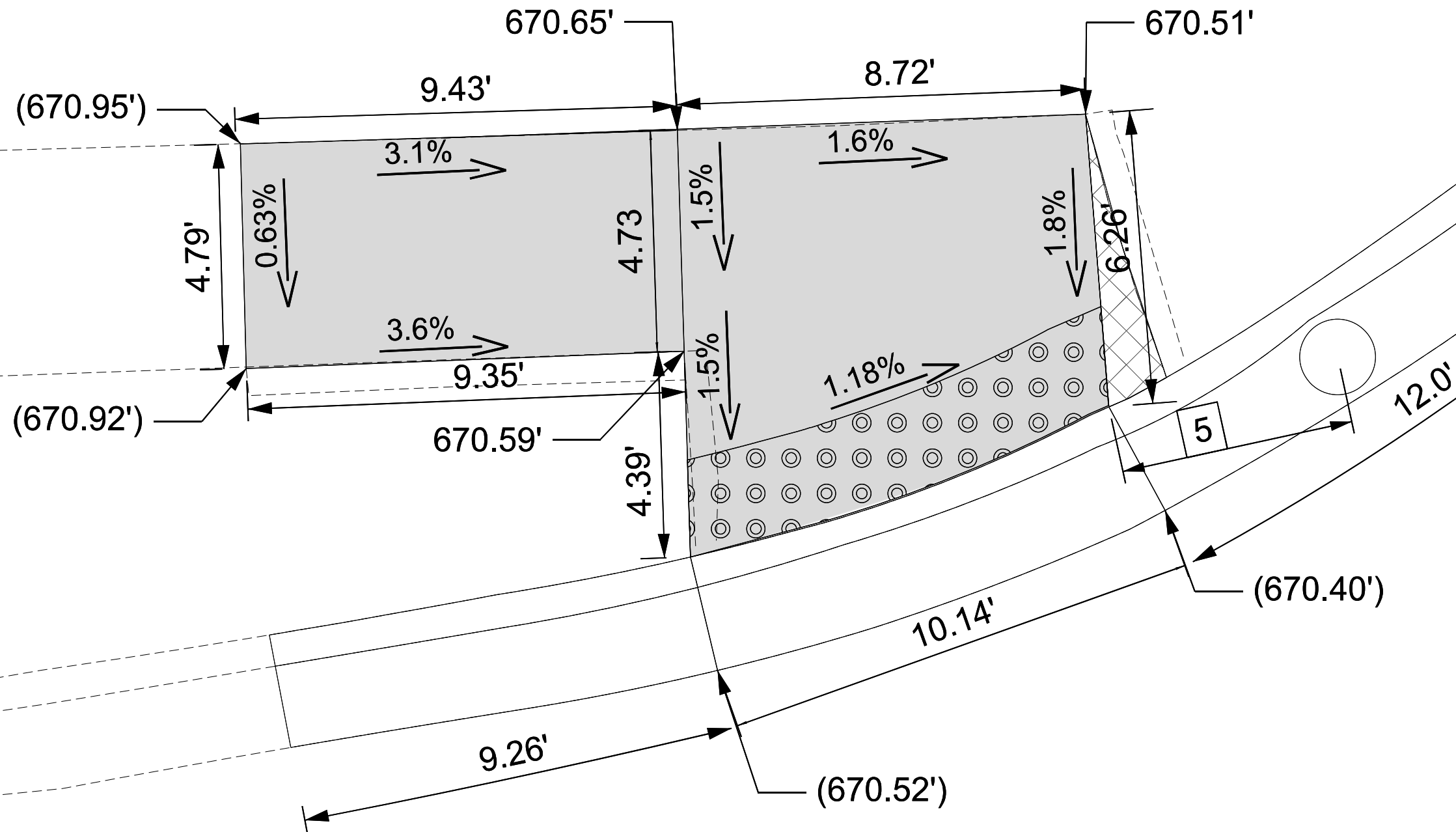
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PLOT DATE = 12/5/2025	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA IMPROVEMENT DETAILS  
NW CORNER AT ( HILLSIDE DR. & IL-83 (BUSSE RD.) )**

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2025-1096-RS	DUPAGE	28	10
CONTRACT NO. 80B08				
ILLINOIS FED. AID PROJECT				



# BRYN MAWR AVE.

# IL. ROUTE 83

### LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD

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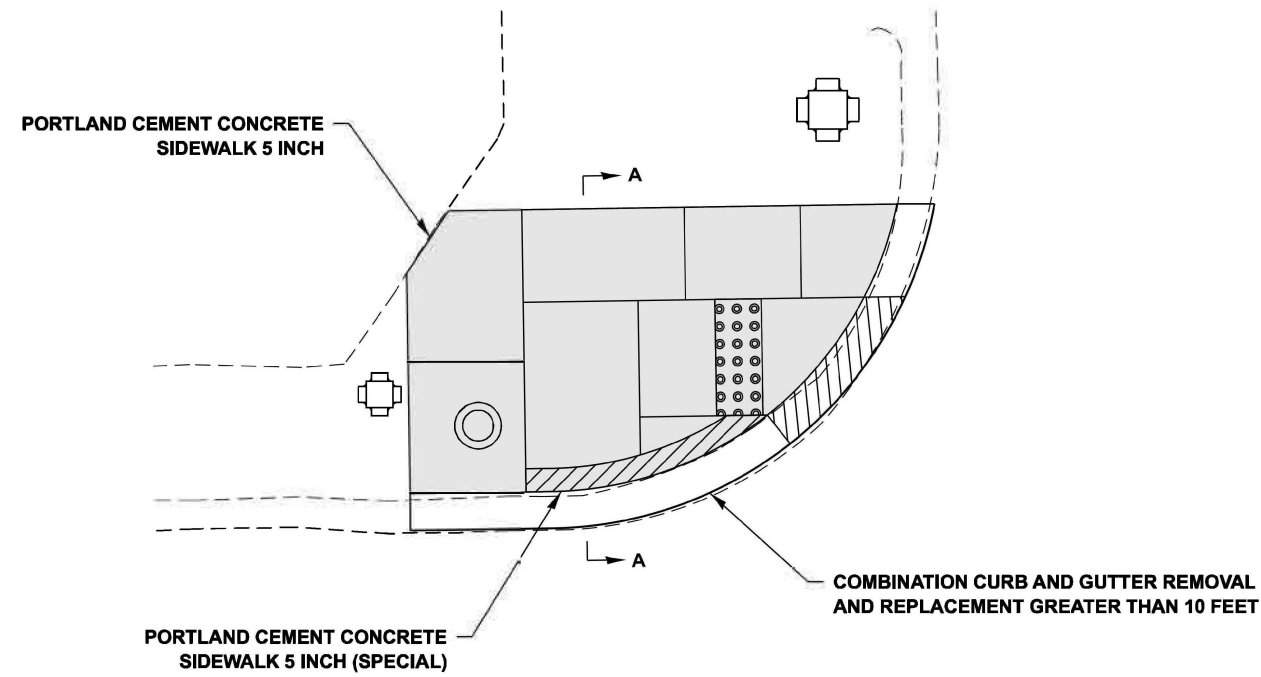
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PLOT DATE = 12/5/2025	DATE -	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

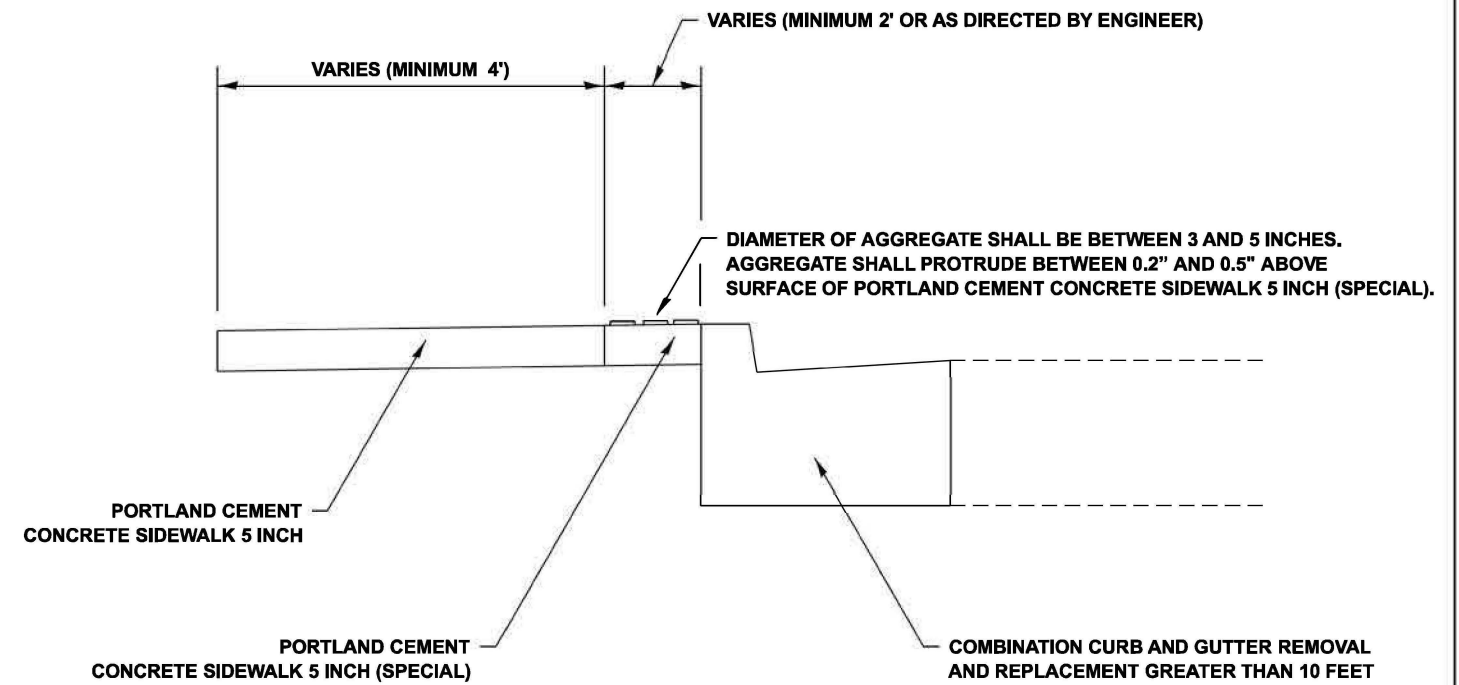
**ADA IMPROVEMENT DETAILS  
NW CORNER AT ( BRYN MAWR AVE & IL-83 ( BUSSE RD.))**

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2025-1096-RS	DUPAGE	28	11
CONTRACT NO. 80B08				



**TYPICAL PLAN FOR PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL)**



**SECTION A-A**

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/6/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DETAIL FOR PORTAND CEMENT CONCRETE SIDEWALK 5 INCH (SPECIAL)  
 NW CORNER AT ( HILLSIDE DR. & IL-83 (BUSSE RD)**

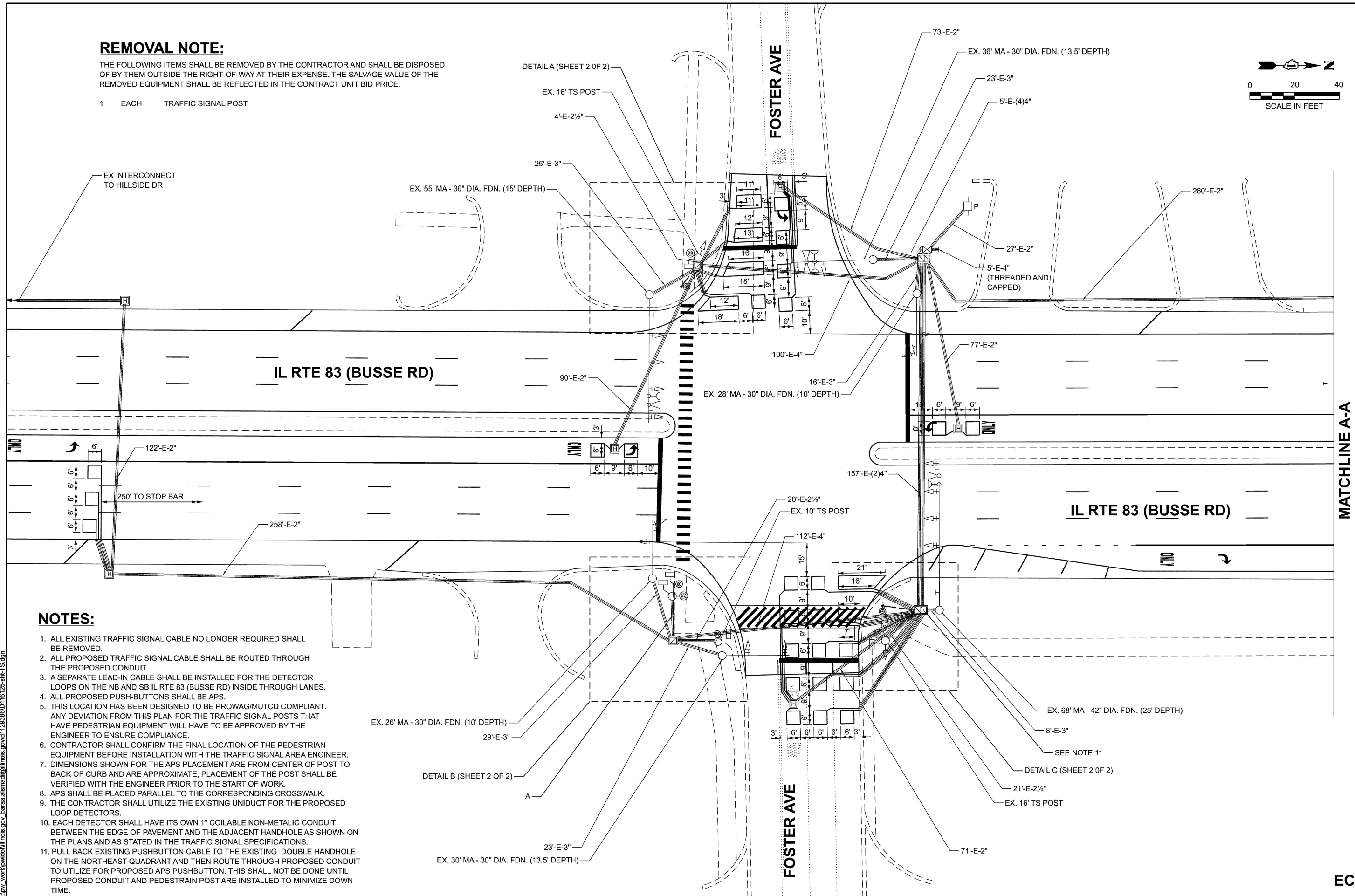
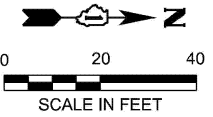
SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2025-1096-RS	DUPAGE	28	11A
CONTRACT NO. 80B08				
ILLINOIS   FED. AID PROJECT				

**REMOVAL NOTE:**

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT UNIT BID PRICE.

- 1 EACH TRAFFIC SIGNAL POST



**NOTES:**

- ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
- ALL PROPOSED TRAFFIC SIGNAL CABLE SHALL BE ROUTED THROUGH THE PROPOSED CONDUIT.
- A SEPARATE LEAD-IN CABLE SHALL BE INSTALLED FOR THE DETECTOR LOOPS ON THE NB AND SB IL RTE 83 (BUSSE RD) INSIDE THROUGH LANES.
- ALL PROPOSED PUSH-BUTTONS SHALL BE APS.
- THIS LOCATION HAS BEEN DESIGNED TO BE PROWAG/MUTCD COMPLIANT. ANY DEVIATION FROM THIS PLAN FOR THE TRAFFIC SIGNAL POSTS THAT HAVE PEDESTRIAN EQUIPMENT WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE COMPLIANCE.
- CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL AREA ENGINEER.
- DIMENSIONS SHOWN FOR THE APS PLACEMENT ARE FROM CENTER OF POST TO BACK OF CURB AND ARE APPROXIMATE. PLACEMENT OF THE POST SHALL BE VERIFIED WITH THE ENGINEER PRIOR TO THE START OF WORK.
- APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
- THE CONTRACTOR SHALL UTILIZE THE EXISTING UNIDUCT FOR THE PROPOSED LOOP DETECTORS.
- EACH DETECTOR SHALL HAVE ITS OWN 1" COILABLE NON-METALIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
- PULL BACK EXISTING PUSHBUTTON CABLE TO THE EXISTING DOUBLE HANDHOLE ON THE NORTHEAST QUADRANT AND THEN ROUTE THROUGH PROPOSED CONDUIT TO UTILIZE FOR PROPOSED APS PUSHBUTTON. THIS SHALL NOT BE DONE UNTIL PROPOSED CONDUIT AND PEDESTRIAN POST ARE INSTALLED TO MINIMIZE DOWN TIME.

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USER NAME = Baraa.Alsmadi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/20/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODERNIZATION PLAN  
IL RTE 83 (BUSSE RD) AND FOSTER AVE - SHEET 1 OF 2**

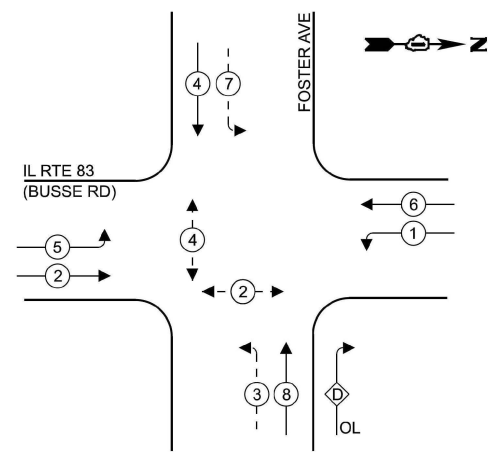
SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2025-1096-RS	DUPAGE	28	12
CONTRACT NO. 80B08				
ILLINOIS FED. AID PROJECT				

**TS 590  
ECON 111**



**EXISTING CONTROLLER PHASE DIAGRAM**



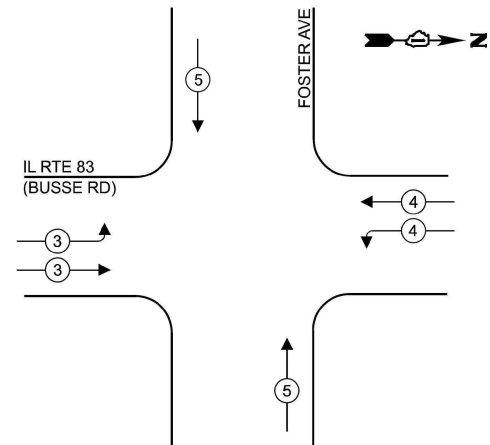
**LEGEND**

- ← ⊙ → PROTECTED PHASE
- ← ⊙ - - ⊙ → PROTECTED/PERMITTED PHASE
- ← ⊙ ⊙ → PEDESTRIAN PHASE
- ← ⊙ ⊙ OL → OVERLAP

**RIGHT TURN OVERLAP PHASE DESIGNATION**

OVERLAP PERMISSIVE PROTECTED  
LETTER PHASE PHASE  
D = 8 + 1

**EXISTING EMERGENCY VEHICLE PREEMPTION PHASE DIAGRAM**

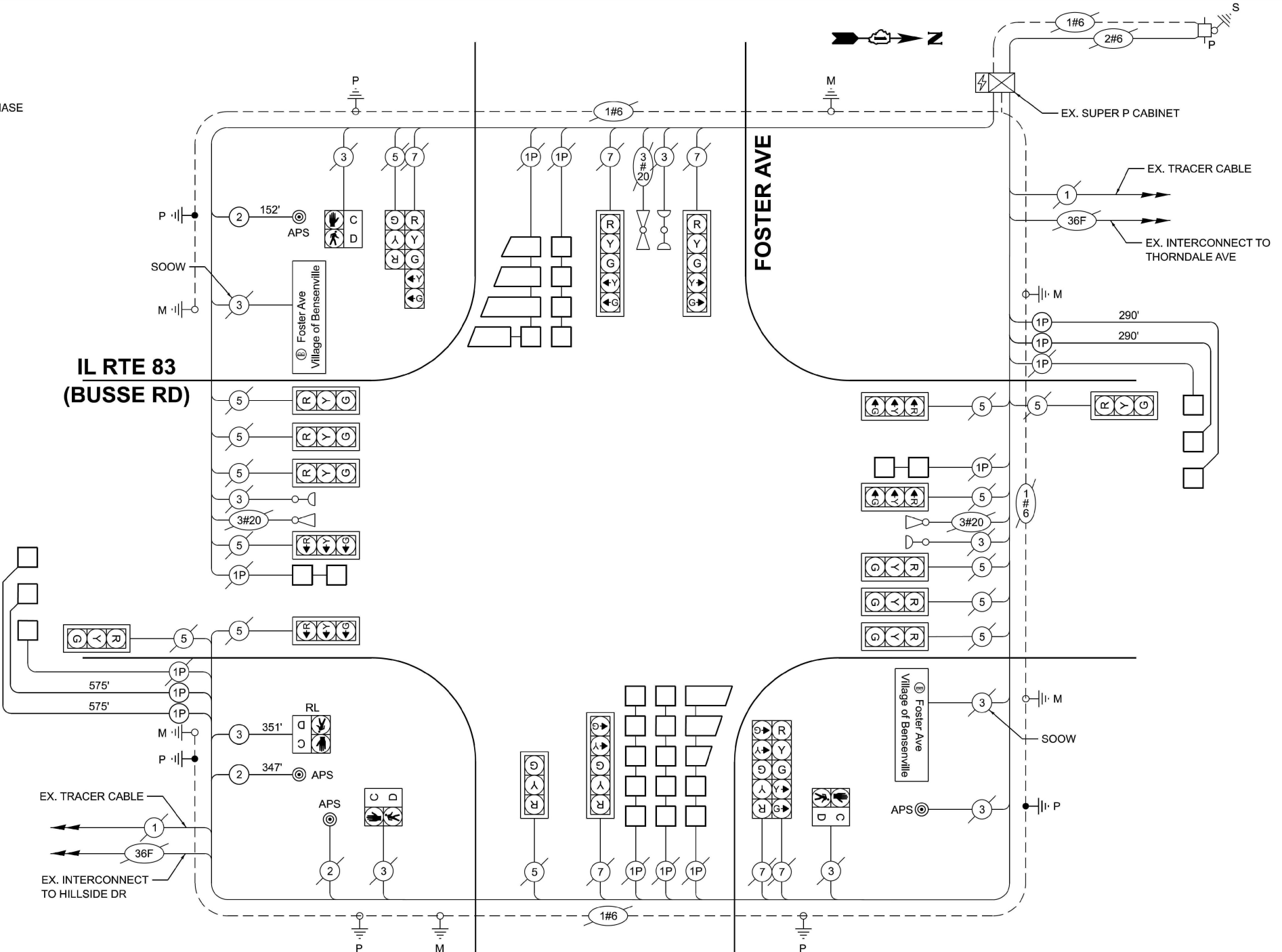


**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	14	11	154
4-SECTION	-	14	-
5-SECTION	6	13	78
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER	4	15	60
MASTER CONTROLLER	1	150	150
UPS	-	100	-
DETECTION RADAR OR VIDEO	1	25	25
BLANK-OUT SIGN	-	20	-
NETWORK SWITCH II OR III	-	25	-
CELLULAR MODEM	-	35	-
		15	
TOTAL UPS SIZING			467
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	2	120	240
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1312

ENERGY COSTS TO:  
**ILLINOIS DEPARTMENT OF TRANSPORTATION**  
201 W. CENTER CT,  
SCHAUMBURG, IL 60196  
ENERGY SUPPLY:  
CONTACT: ANTONIO RIOS  
PHONE: (630)-696-6855  
COMPANY: COMED GLENBARD REGION  
ACCOUNT NUMBER: XXXXXXXXXX  
METER NUMBER:

**IL RTE 83 (BUSSE RD)**



**CABLE PLAN (NOT TO SCALE)**

PAY ITEM DESCRIPTION	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	54
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	499
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	351
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1PAIR	FOOT	1730
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	87
DRILL EXISTING HANDHOLE	EACH	3
INDUCTIVE LOOP DETECTOR	EACH	4
DETECTOR LOOP, TYPE I	FOOT	1397
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1
REMOVE EXISTING ELECTRIC CABLE FROM CONDUIT	FOOT	695
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	21
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	12
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

MODEL: TS-03 (SHEET)  
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**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**CABLE PLAN, EXISTING CONTROLLER PHASE DIAGRAM AND EXISTING EMERGENCY VEHICLE PREEMPTION PHASE DIAGRAM IL RTE 83 (BUSSE RD) AND FOSTER AVE**

USER NAME = Baraa.Alsmadi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/20/2026	DATE -	REVISED -

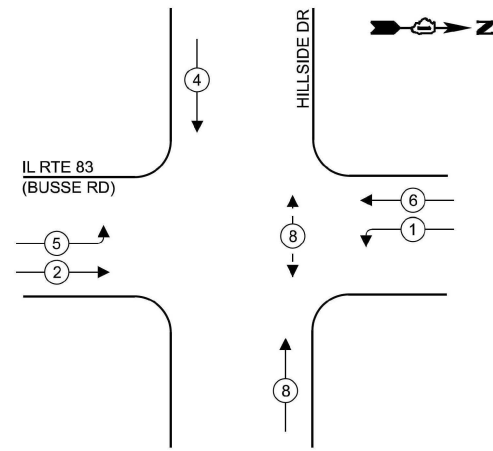
SCALE:	SHEET 1 OF 5 SHEETS	STA. TO STA.
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F.A.P RTE. 334	SECTION 2025-1096-RS	COUNTY DUPAGE	TOTAL SHEETS 28	SHEET NO. 14
CONTRACT NO. 80B08				
ILLINOIS FED. AID PROJECT				

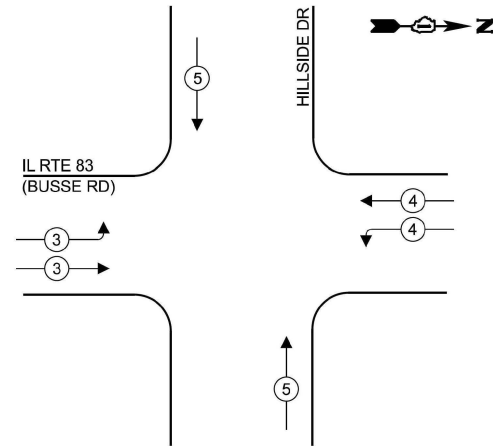
**TS 590 ECON 111**



**EXISTING  
CONTROLLER PHASE DIAGRAM**



**EXISTING  
EMERGENCY VEHICLE  
PREEMPTION PHASE DIAGRAM**



**LEGEND**

- ← \* → PROTECTED PHASE
- ← - \* - → PROTECTED/PERMITTED PHASE
- ← \* → PEDESTRIAN PHASE

**TRAFFIC SIGNAL ELECTRICAL  
SERVICE REQUIREMENTS**

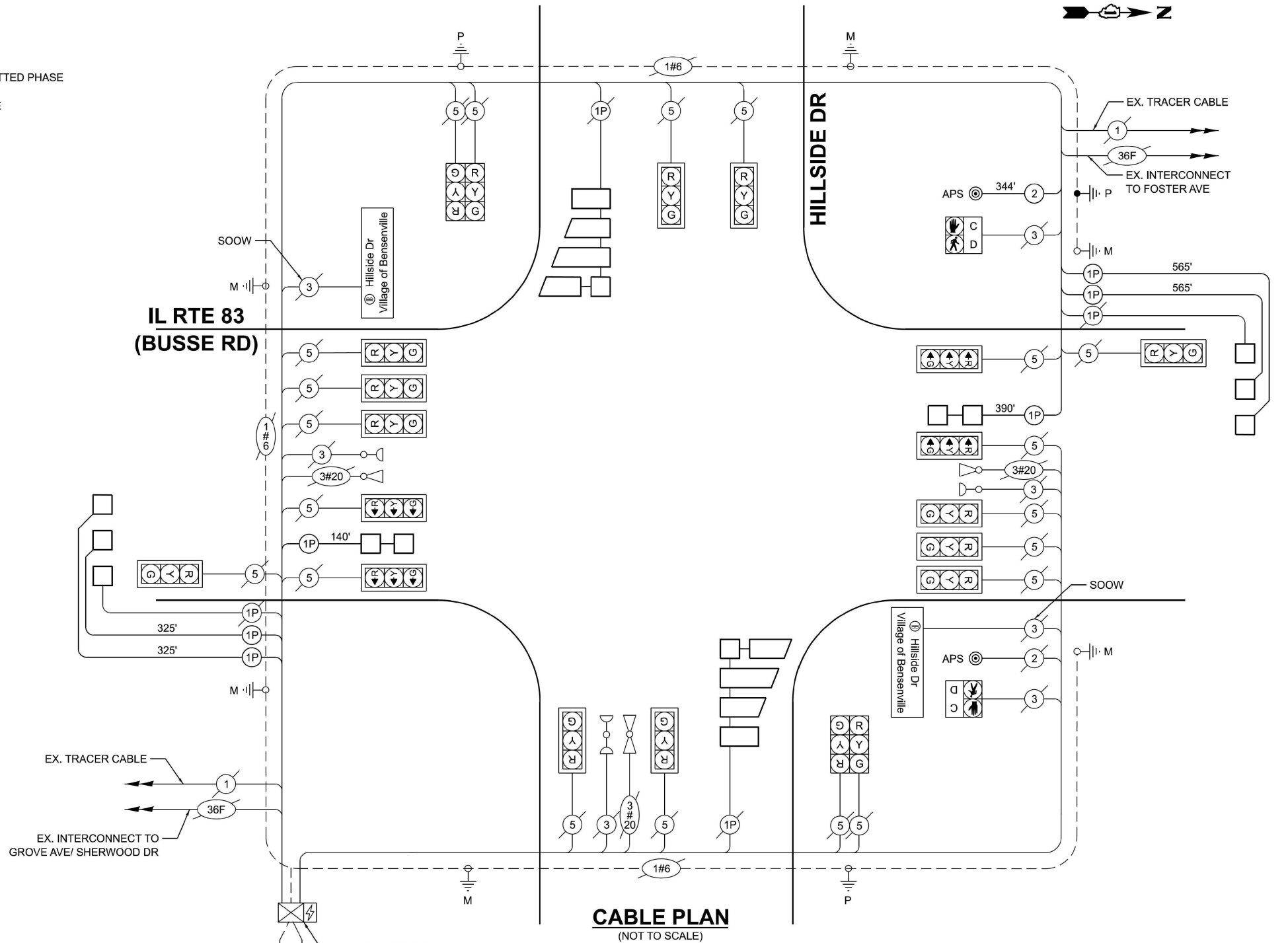
EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	21	11	231
4-SECTION	-	14	-
5-SECTION	-	13	-
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL CONTROLLER	2	15	30
MASTER CONTROLLER	1	150	150
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			436
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	2	120	240
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1281

**ENERGY COSTS TO:  
ILLINOIS DEPARTMENT OF TRANSPORTATION**

201 W. CENTER CT,  
SCHAUMBURG, IL 60196

**ENERGY SUPPLY:**

CONTACT: ANTONIO RIOS  
PHONE: (630)-696-6855  
COMPANY: COMED GLENBARD REGION  
ACCOUNT NUMBER: XXXXXXXXXX  
METER NUMBER:



PAY ITEM DESCRIPTION	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	139
HEAVY-DUTY HANDHOLE	EACH	2
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	344
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2310
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	24
DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	3
INDUCTIVE LOOP DETECTOR	EACH	4
DETECTOR LOOP, TYPE I	FOOT	798
REMOVE EXISTING ELECTRIC CABLE FROM CONDUIT	FOOT	572
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	2
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

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PLOT DATE = 1/20/2026	DATE -	REVISED -

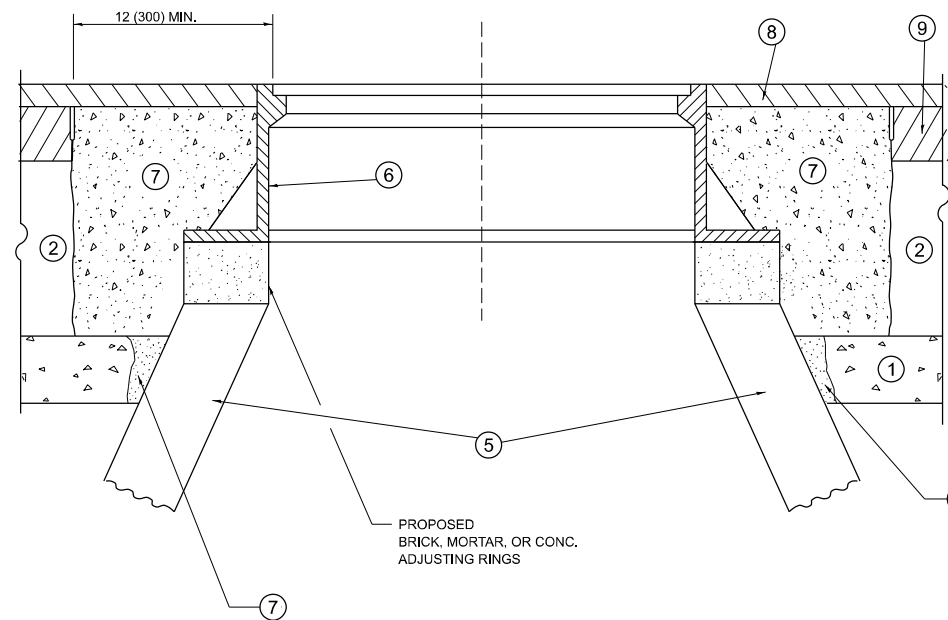
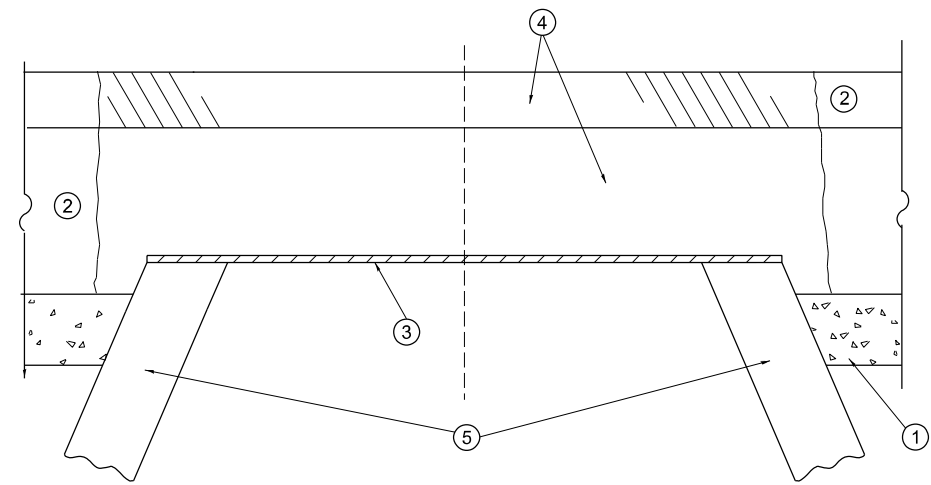
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CABLE PLAN, EXISTING CONTROLLER PHASE DIAGRAM AND  
EXISTING EMERGENCY VEHICLE PREEMPTION PHASE DIAGRAM  
IL RTE 83 (BUSSE RD) AND HILLSIDE DR**

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2025-1096-RS	DUPAGE	28	16
CONTRACT NO. 80B08			ILLINOIS FED. AID PROJECT	

**TS 600  
ECON 111**



**DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING**

**CONSTRUCTION PROCEDURES**

**STAGE 1 (BEFORE PAVEMENT MILLING)**

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

**STAGE 2 (AFTER PAVEMENT MILLING)**

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2\* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

\*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

**LEGEND**

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-2\* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

**LOCATION OF STRUCTURES**

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

**BASIS OF PAYMENT**

- 1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
- 2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
- 3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
- 4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

**NOTES**

- 1. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- 2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
- 3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
- 4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
- 5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR  
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

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

USER NAME = Baraa.alsmadi	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11
	DRAWN -	REVISED - R. BORO 12-06-11
	CHECKED -	REVISED - K. SMITH 11-18-22
PLOT DATE = 12/5/2025	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2025-1096-RS	DUPAGE	28	17
<b>BD600-03 (BD-08)</b>			CONTRACT NO. 80B08	
ILLINOIS FED. AID PROJECT				

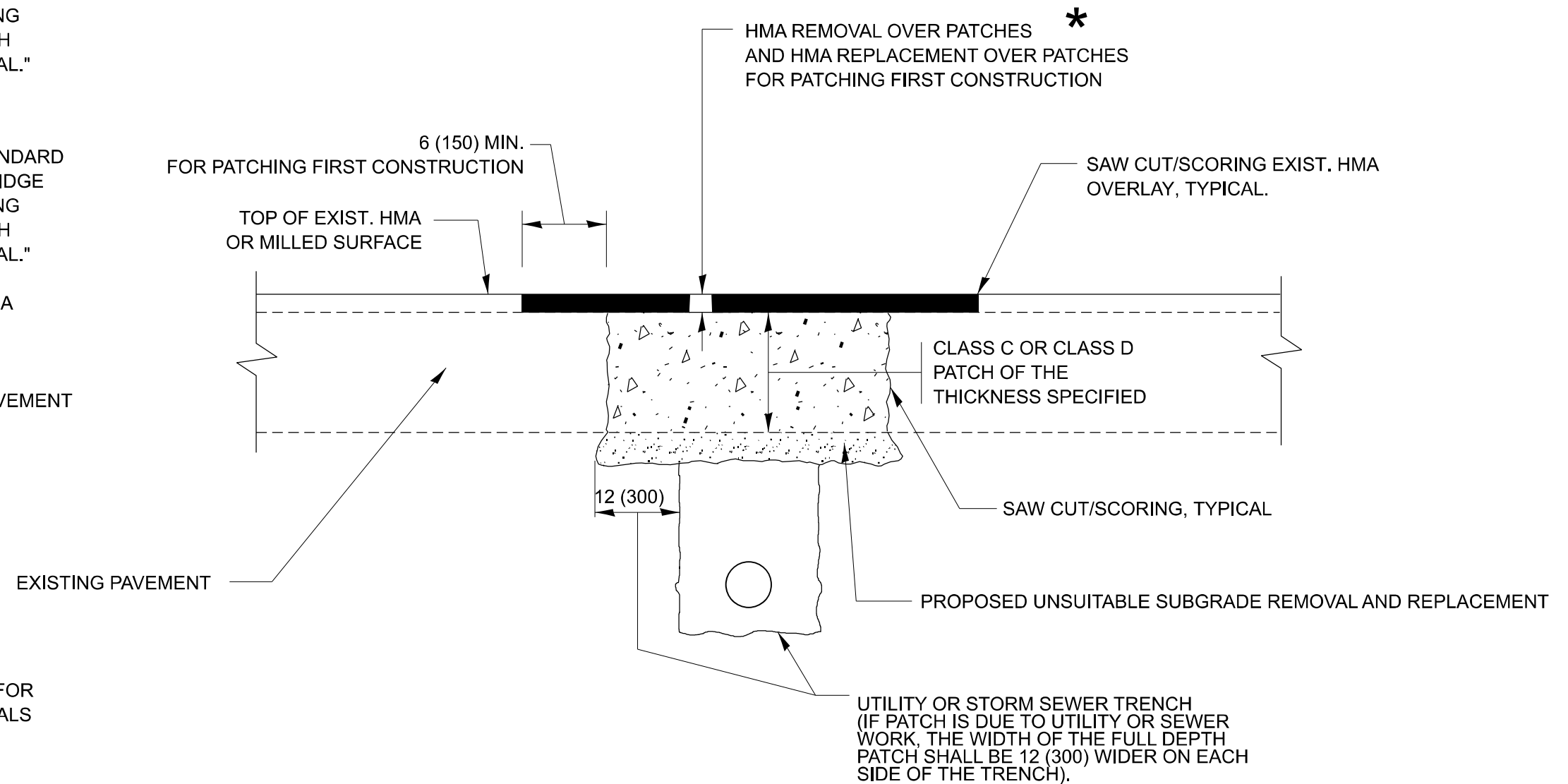
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FILE NAME: c:\p\work\wv\illinois.gov\_baraa.alsmadi\illinois.gov\116125-sth-dist\stas.dgn

## METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

## BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



## SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

## SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 ½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

MODEL: BD-22 (Sheet)  
FILE NAME: c:\p\work\pav\illinois.gov\_baraa\_alsmadi\illinois.gov\1129386\0116125-sth-dist\sths.dgn

USER NAME = Baraa.alsmadi	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07
	DRAWN -	REVISED - R. BORO 09-04-07
	CHECKED -	REVISED - K. ENG 10-27-08
PLOT DATE = 12/5/2025	DATE - 10-25-94	REVISED - K. SMITH 11-18-22

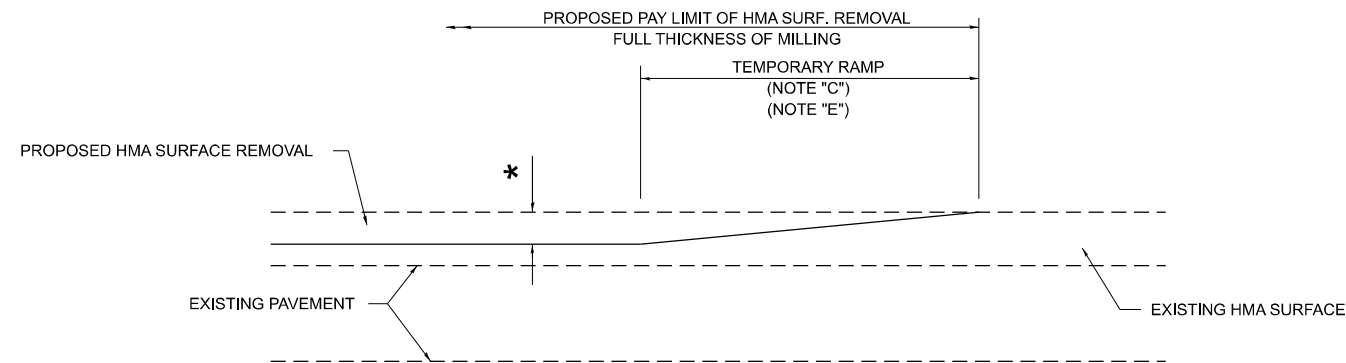
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR  
HMA SURFACED PAVEMENT

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2025-1096-RS	DUPAGE	28	18
BD400-04 (BD-22)			CONTRACT NO. 80B08	
ILLINOIS FED. AID PROJECT				

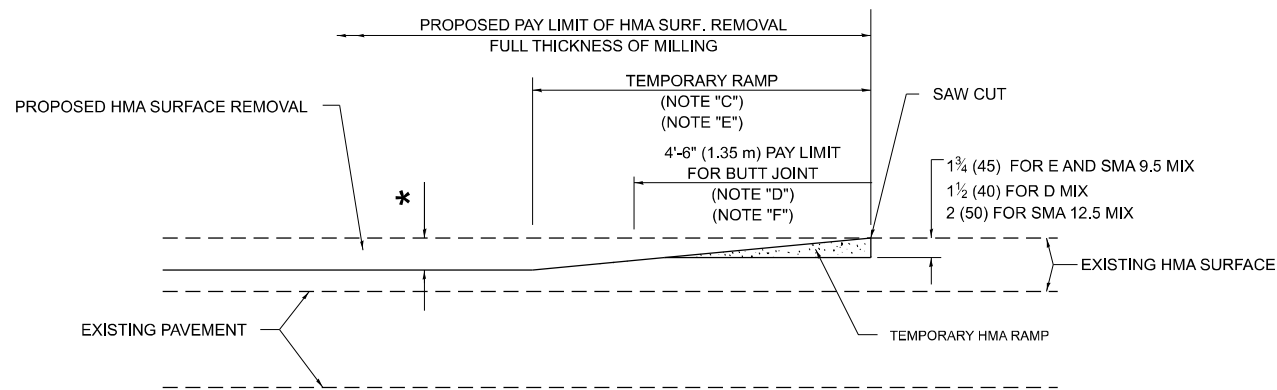




**MILLED TEMPORARY RAMP**

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 1**

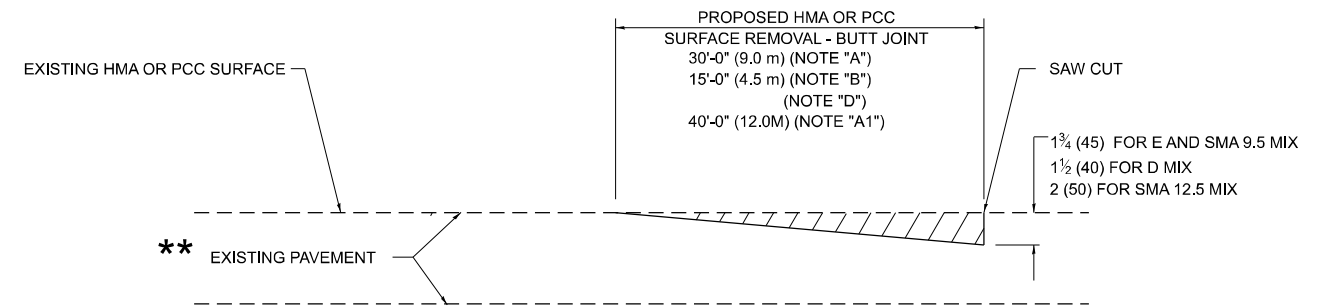


**HMA CONSTRUCTED TEMPORARY RAMP**

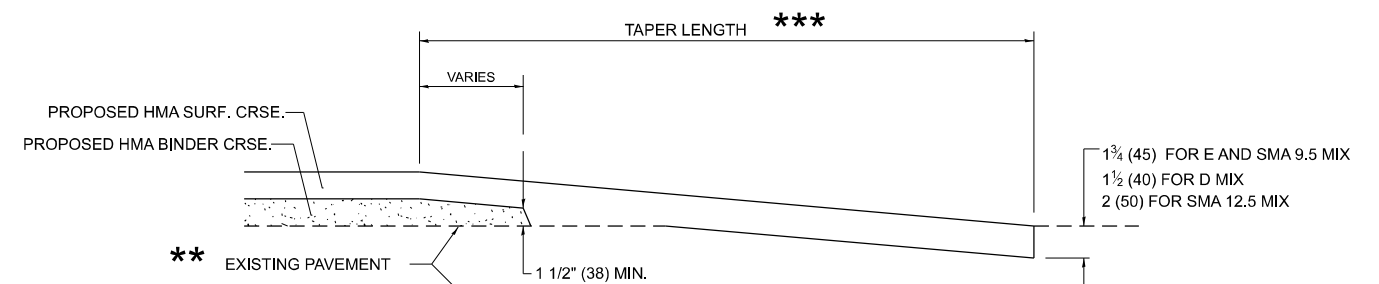
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 2**

**TYPICAL TEMPORARY RAMP**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

**TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY**

\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

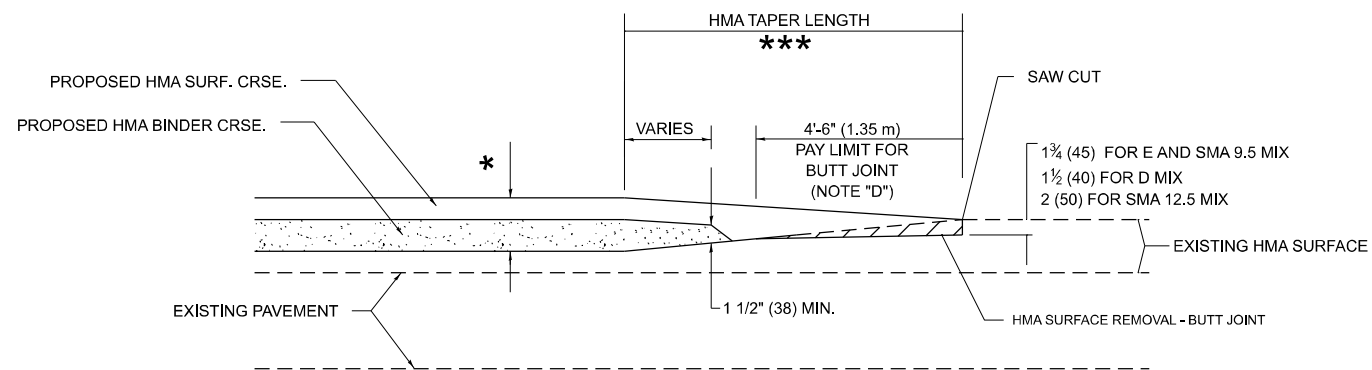
**GENERAL NOTES**

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.  
\* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".  
\*\*\*  
20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

**BASIS OF PAYMENT**

- 1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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



**BUTT JOINT AND HMA TAPER**

**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**

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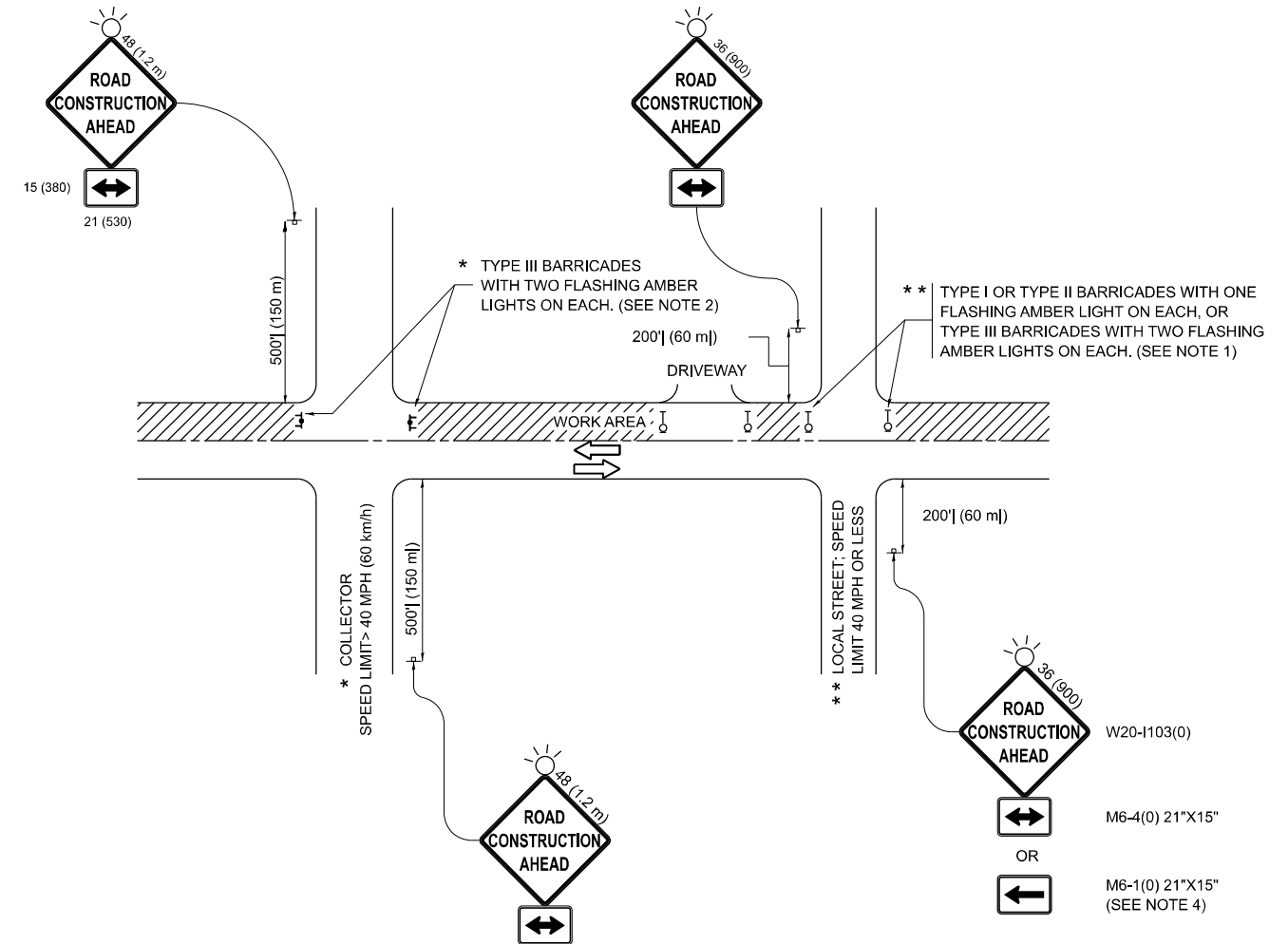
USER NAME = Baraa.alsmadi	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 12/5/2025	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**BUTT JOINT AND HMA TAPER DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2025-1096-RS		28	20
<b>BD400-05 BD-32</b>		CONTRACT NO. 80B08		
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) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY 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. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE 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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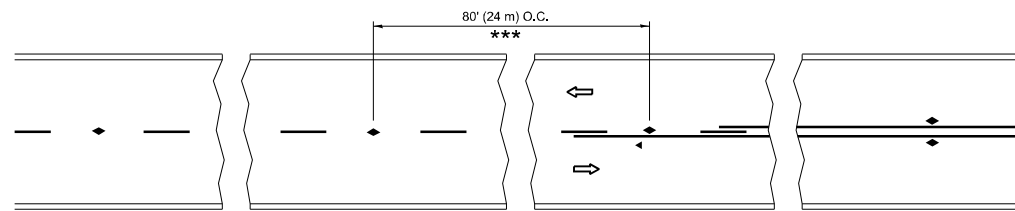
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	CHECKED -	REVISED - A. SCHUETZE 09-15-06
PLOT DATE = 12/5/2025	DATE - 06-89	REVISED - D. SENDERAK 05-03-24

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

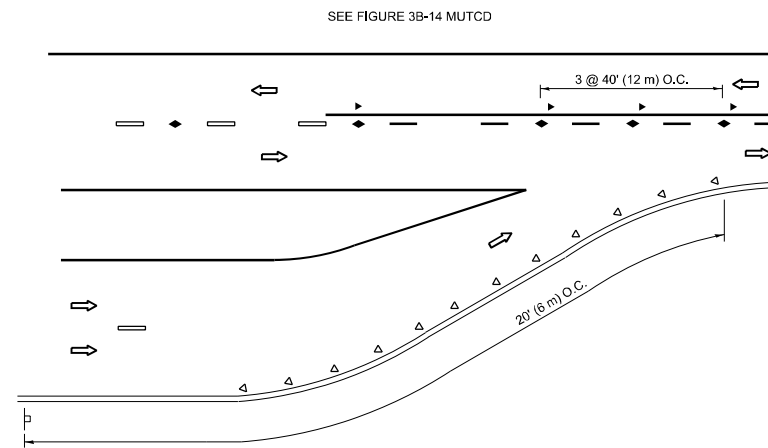
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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<b>TC-10</b>			CONTRACT NO. 80B08	
ILLINOIS FED. AID PROJECT				

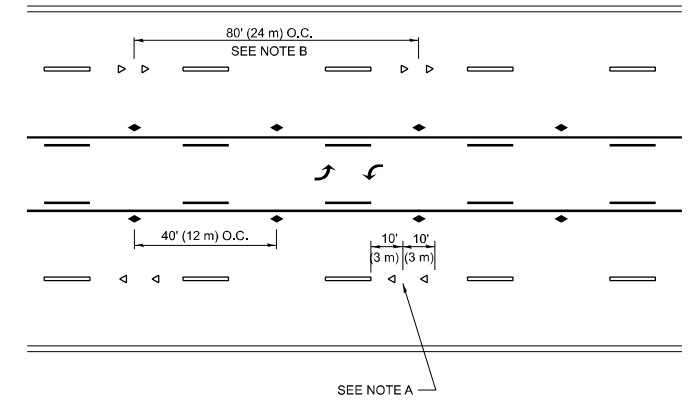


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

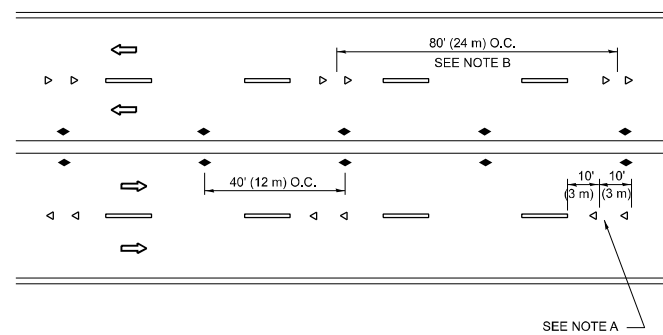
### TWO-LANE/TWO-WAY



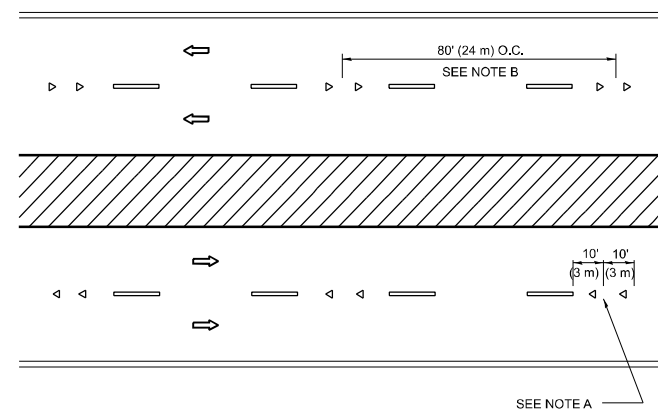
### LANE REDUCTION TRANSITION



### 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

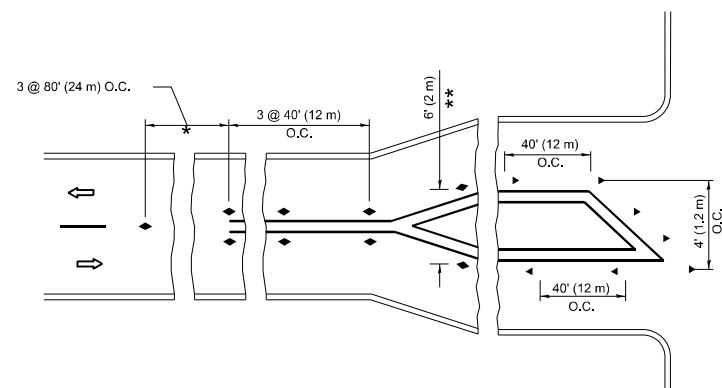
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

### LANE MARKER NOTES

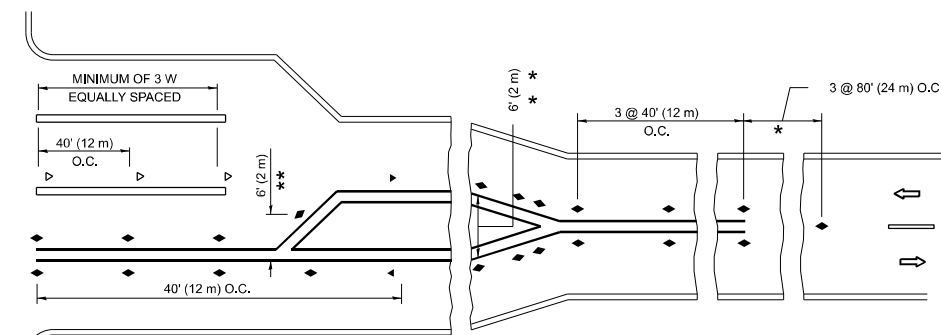
- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

### 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.



### TURN LANES



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

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

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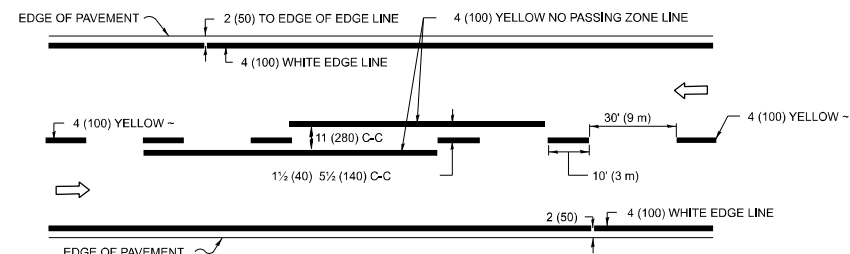
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	CHECKED -	REVISED - C. JUCIUS 09-09-09
PLOT DATE = 12/5/2025	DATE -	REVISED - C. JUCIUS 07-01-13

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

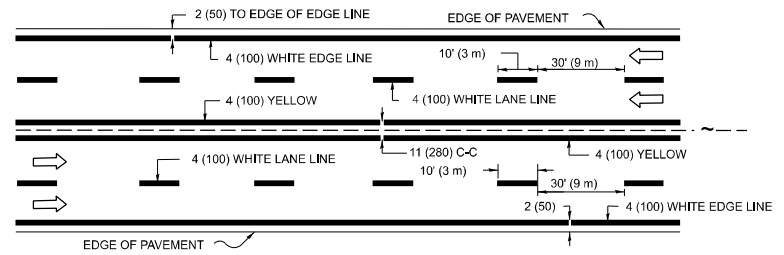
TYPICAL APPLICATIONS  
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

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

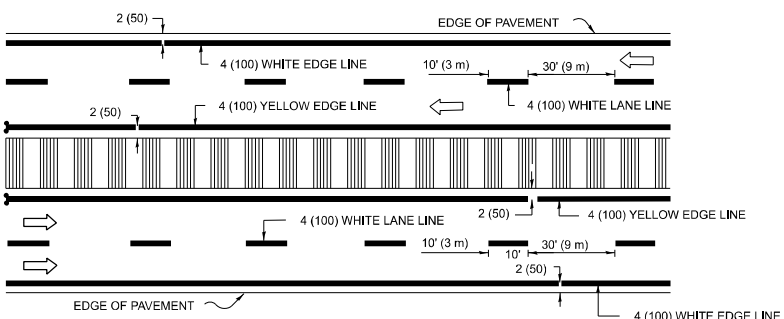
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2025-1096-RS	DUPAGE	28	22
TC-11			CONTRACT NO. 80B08	
ILLINOIS FED. AID PROJECT				



**2-LANE ROADWAY**

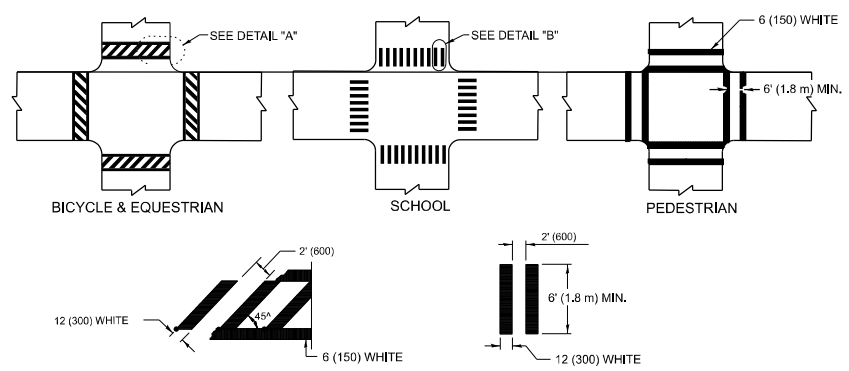


**MULTI-LANE UNDIVIDED**



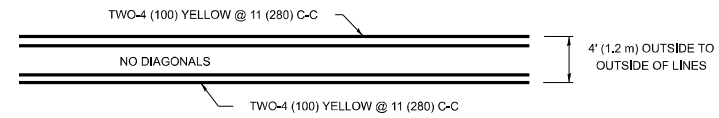
**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

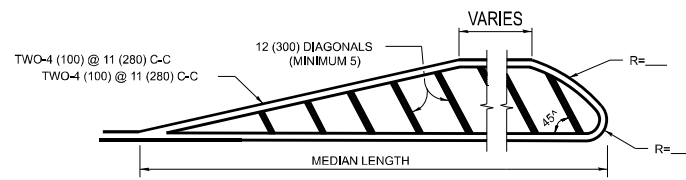


**TYPICAL CROSSWALK MARKING**

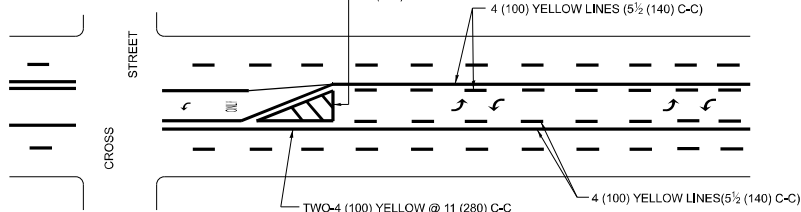
\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



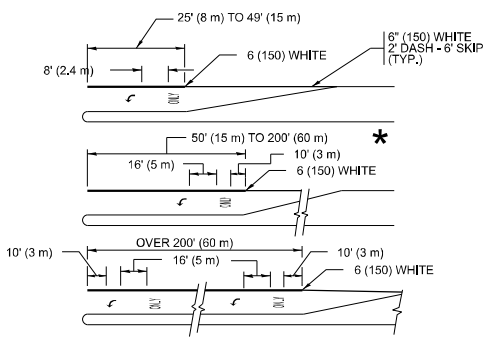
**4' (1.2 m) WIDE MEDIANS ONLY**



**MEDIANS OVER 4' (1.2 m) WIDE**



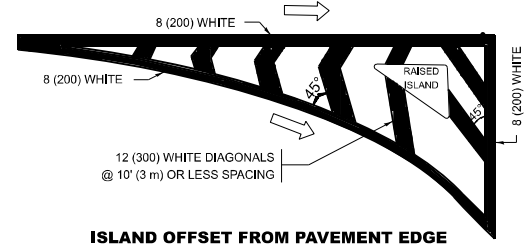
**MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING**



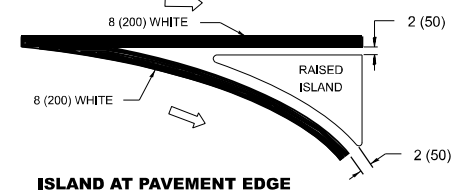
**TYPICAL LEFT (OR RIGHT) TURN LANE**

**TYPICAL TURN LANE MARKING**

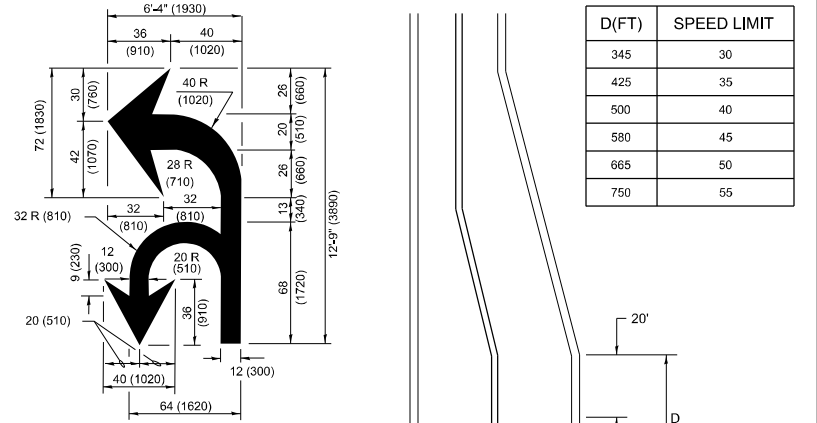
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)  
 \* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



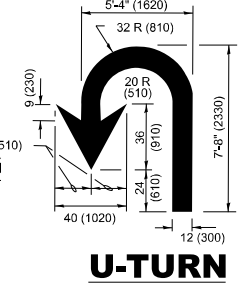
**ISLAND OFFSET FROM PAVEMENT EDGE**



**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.

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 (30 MPH (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 6' (1.8 m) LETTERS: 15 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: *R*=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH *X*=54.0 SQ. FT. (5.0 m <sup>2</sup> )
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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	DRAWN - C. JUCIUS 07-01-13	REVISED - C. JUCIUS 12-21-15
	CHECKED -	REVISED - C. JUCIUS 04-12-16
PLOT DATE = 12/5/2025	DATE - 03-19-90	

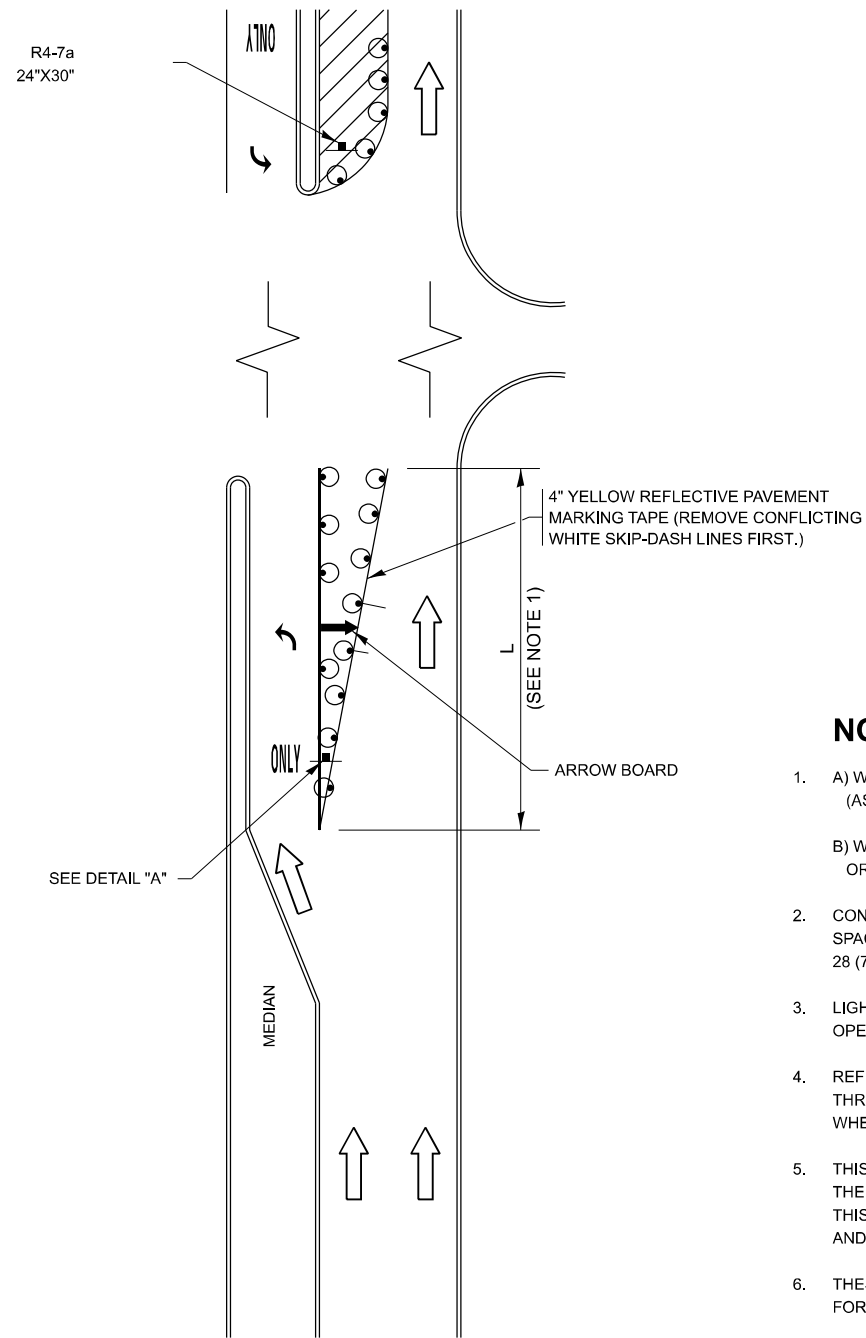
**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE TYPICAL PAVEMENT MARKINGS**

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

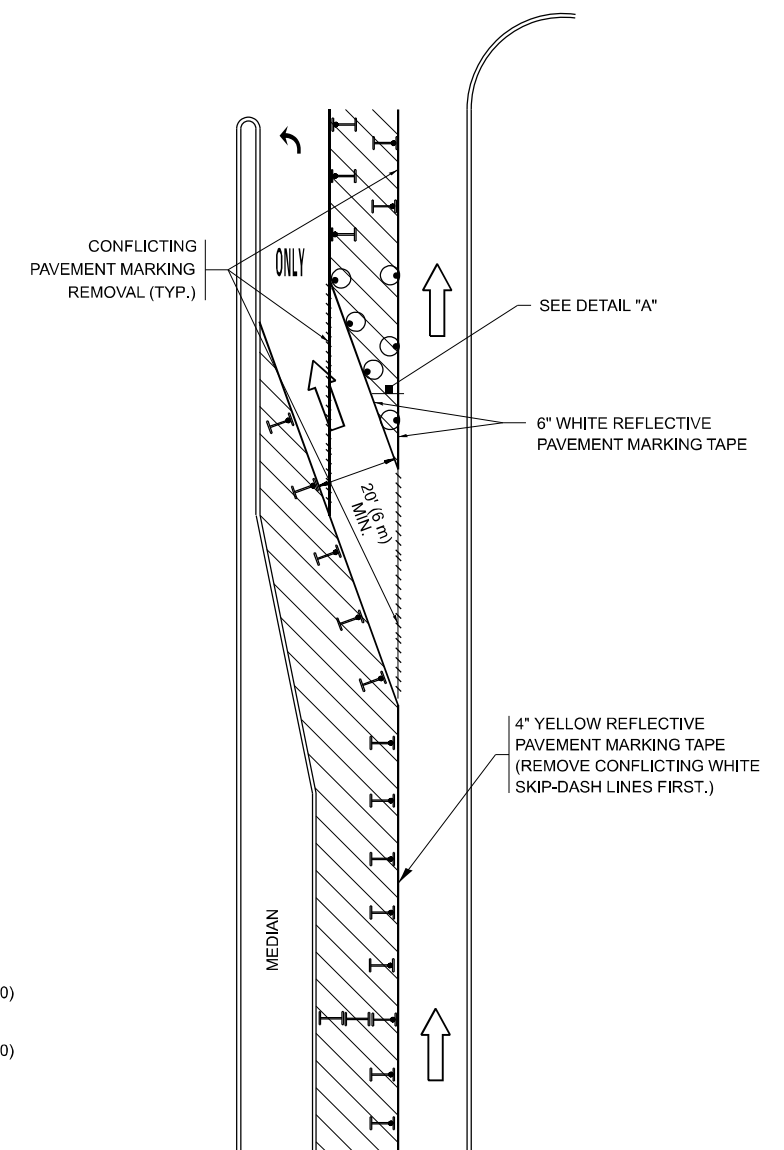
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334	2025-1096-RS	DUPAGE	28	23
<b>TC-13</b>		CONTRACT NO. 80B08		
ILLINOIS		FED. AID PROJECT		

# TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER



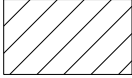






**FIGURE 1**

# TURN BAY ENTRANCE WITHIN A LANE CLOSURE



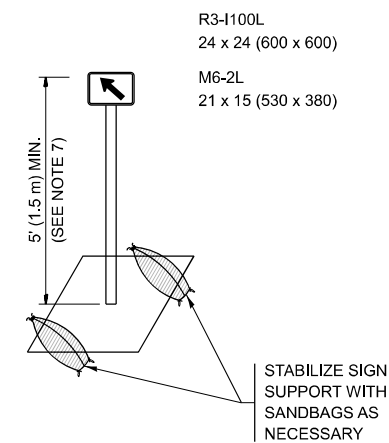
**FIGURE 2**

## 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" R3-100R 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.

MODEL: TC-14 (Sheet)  
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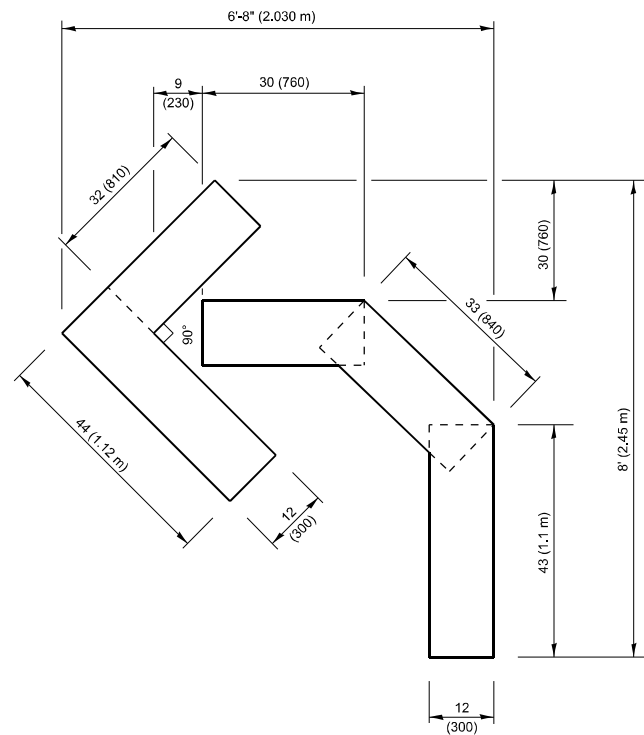
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	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 12/5/2025	DATE - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

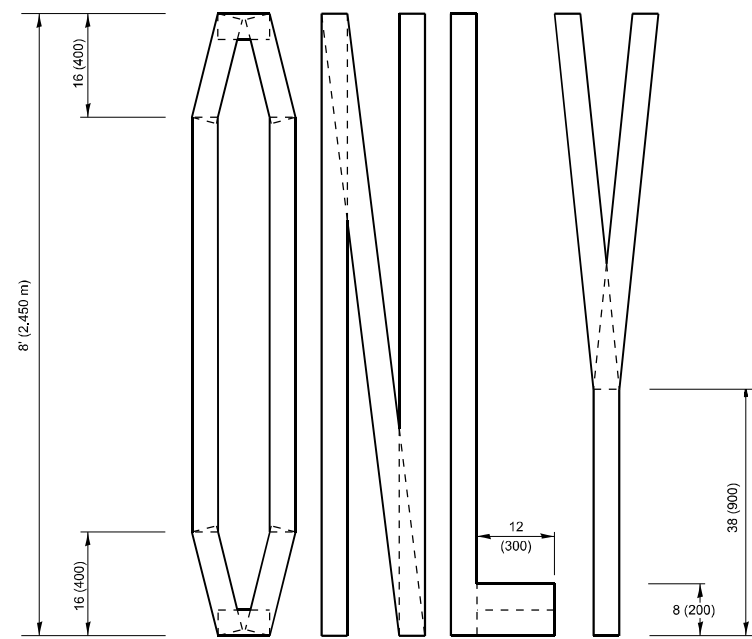
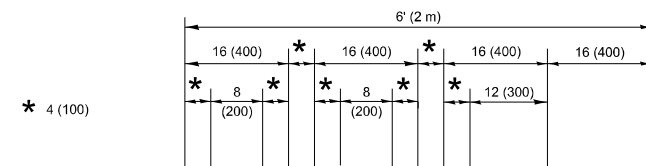
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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<b>TC-14</b>			CONTRACT NO. 80B08	
ILLINOIS FED. AID PROJECT				



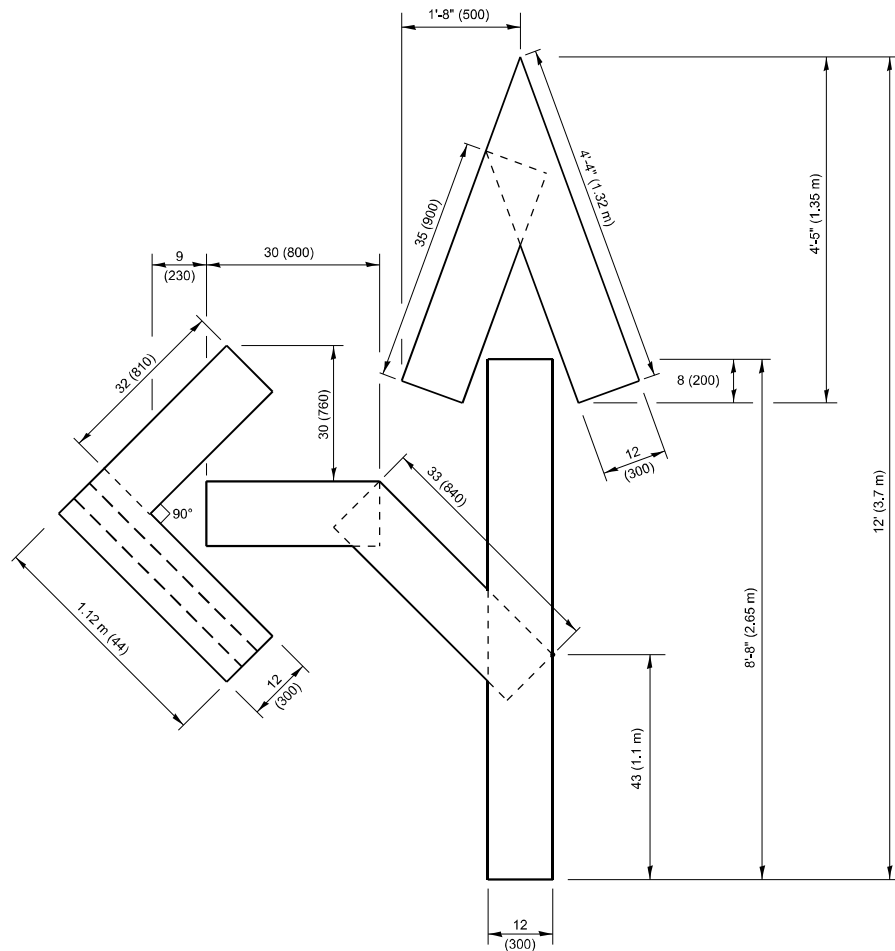
**QUANTITY**

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)

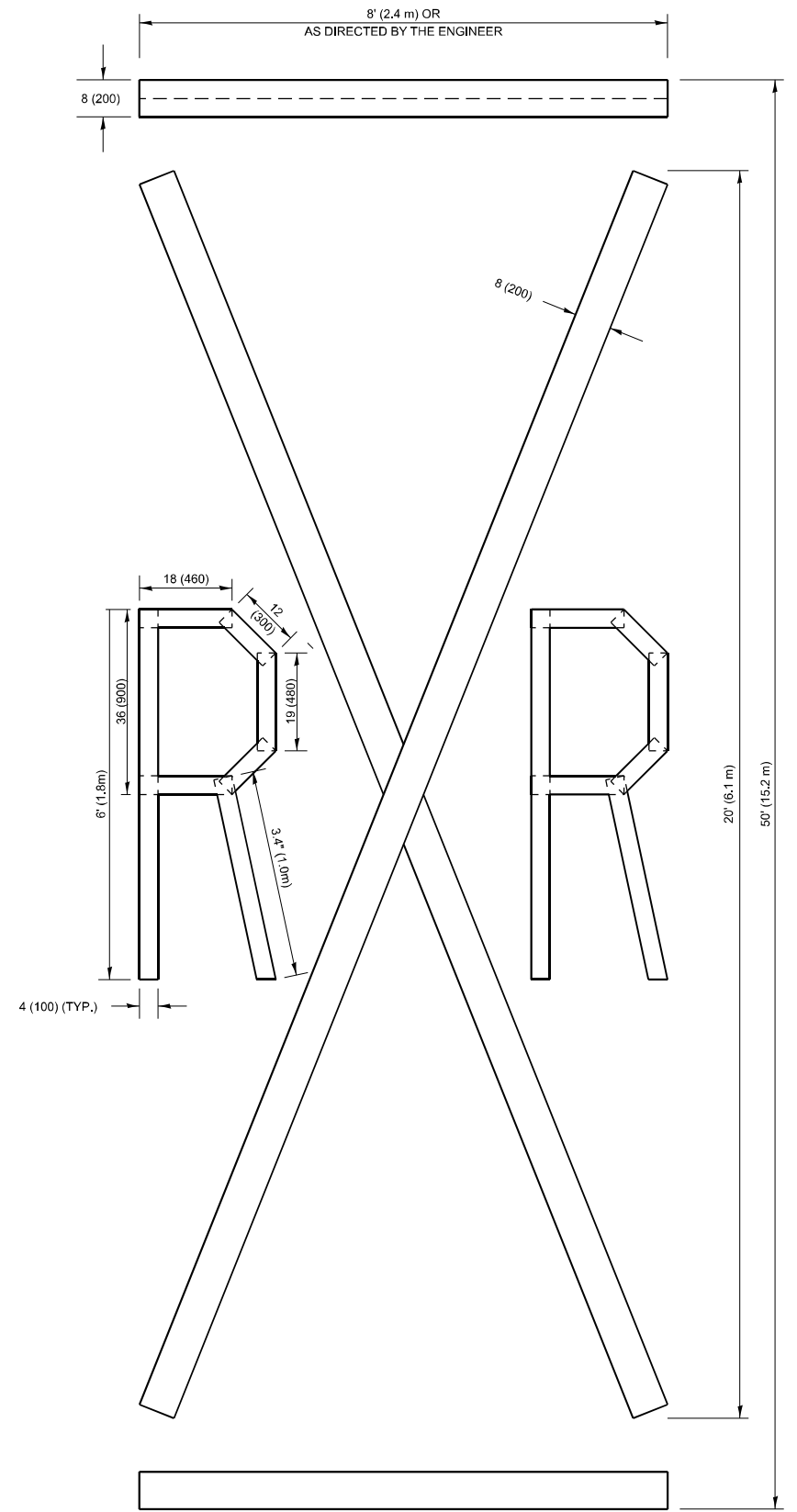


**QUANTITY**

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.

MODEL: TC-16 (Sheet)  
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USER NAME = Baraa.alsmadi	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
	DRAWN -	REVISED - E. GOMEZ 08-28-00
	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 12/5/2025	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

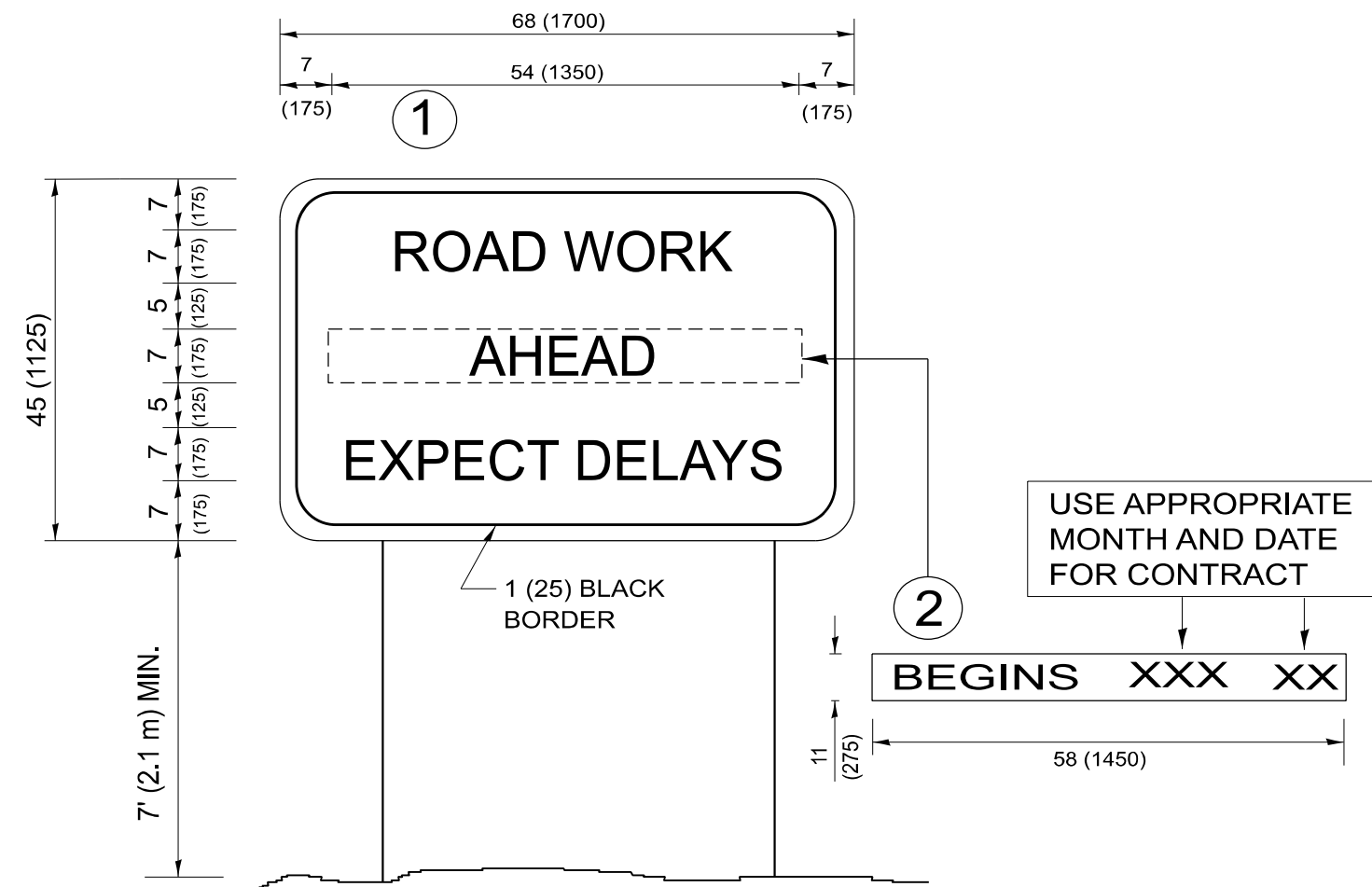
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2025-1096-RS	DUPAGE	28	25
<b>TC-16</b>			CONTRACT NO. 80B08	
ILLINOIS FED. AID PROJECT				

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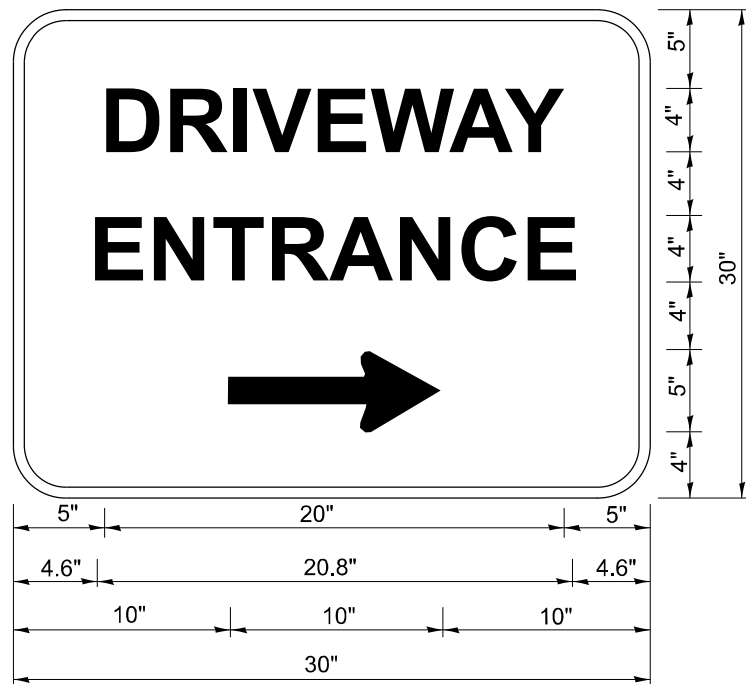


**NOTES:**

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.

USER NAME = Baraa.alsmadi	DESIGNED -	REVISED - R. MIRS 09-15-97	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ARTERIAL ROAD INFORMATION SIGN</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED - R. MIRS 12-11-97		334	2025-1096-RS	DUPAGE	28	26		
	CHECKED -	REVISED - T. RAMMACHER 02-02-99		<b>TC-22</b>		CONTRACT NO. 80B08				
PLOT DATE = 12/5/2025	DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED  
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

**NOTES:**

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

MODEL: TC-26 (Sheet)  
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PLOT DATE = 12/5/2025	DATE -	REVISED -

**STATE OF ILLINOIS  
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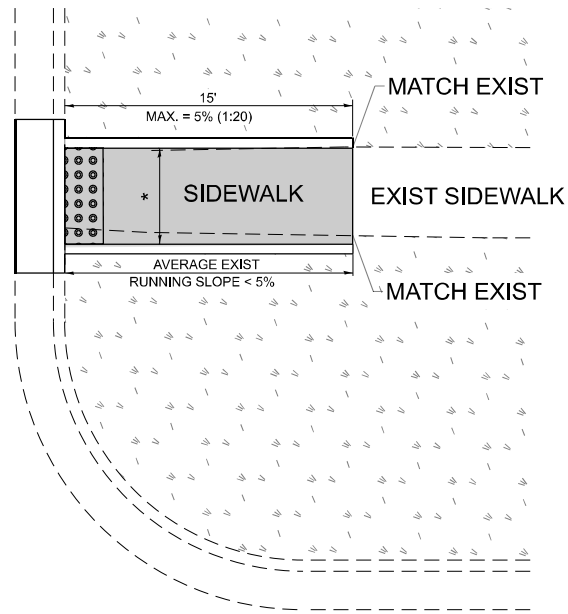
**DRIVEWAY ENTRANCE SIGNING**

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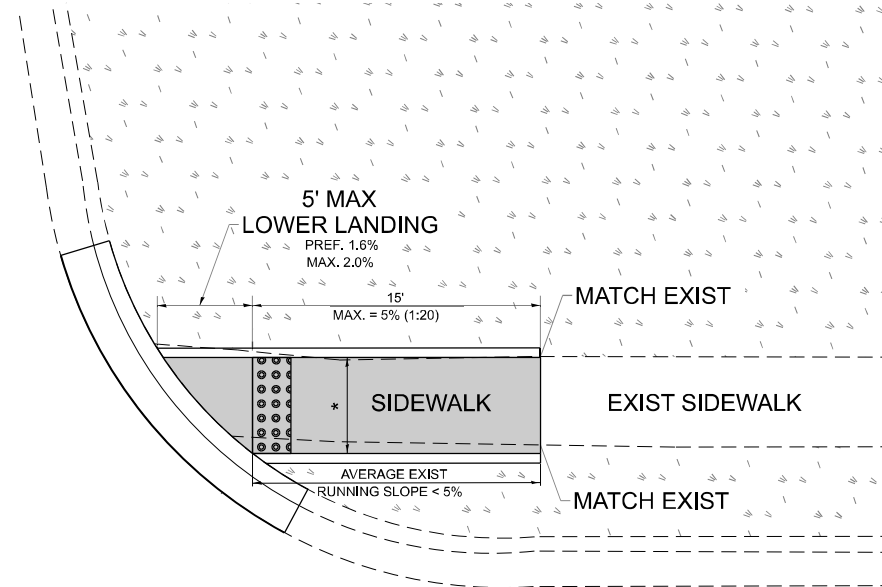
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334	2025-1096-RS	DUPAGE	28	27
<b>TC-26</b>			CONTRACT NO. 80B08	
ILLINOIS FED. AID PROJECT				

# ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ EXIST. 5% OR LESS RUN. SLOPE

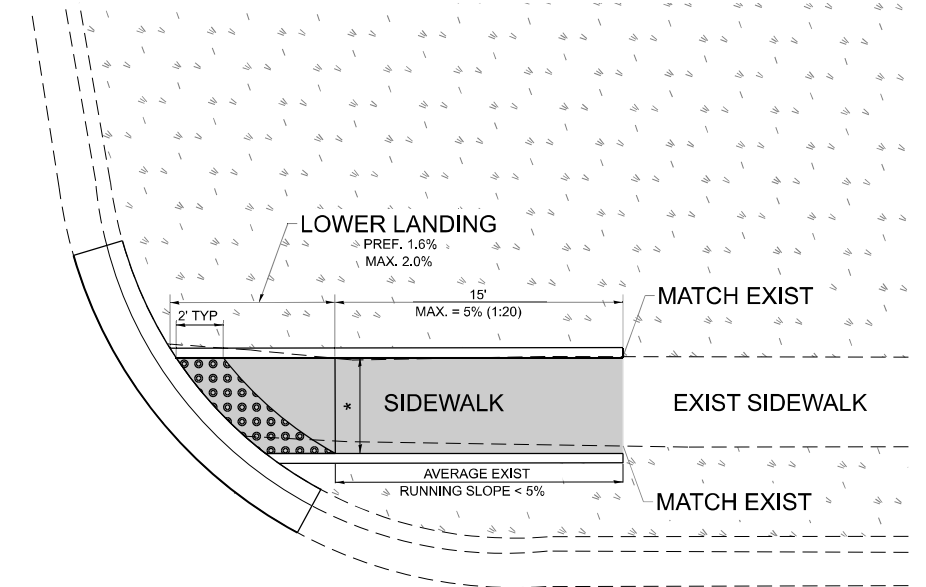
**PD-01A**



**PD-01B**



**PD-01C**



**LEGEND**

- EXIST. GRASS
- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS

**CONSTRUCTION NOTES:**

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- \* MATCH EXISTING SIDEWALK WIDTH

MODEL: PD-01 (Sheet)  
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USER NAME = Baraa.alsmadi	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/5/2025	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS  
(PD-01)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2025-1096-RS	DUPAGE	28	28
<b>PD-01</b>			CONTRACT NO. 80B08	
ILLINOIS FED. AID PROJECT				