

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**PROPOSED
 HIGHWAY PLANS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3	DUPAGE	38	1
ILLINOIS			CONTRACT NO. 60V54	

*38+1=39

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED WITHIN THE CITY OF ELMHURST, THE VILLAGE OF ADDISON, THE CITY OF WOOD DALE, AND THE VILLAGE OF BENSENVILLE

F.A.P. 344: (ILLINOIS ROUTE 83)
 SECTION 540R-RS-3
 ILLINOIS 64 TO ILLINOIS 19
 RESURFACING (3P)
 DUPAGE COUNTY

C-91-003-13

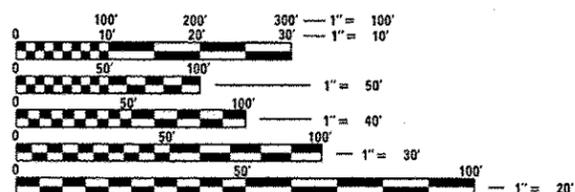


TRAFFIC DATA
 IL ROUTE 83
 SPEED LIMIT: 45 - 50 MPH
 2011 ADT: 46600 - 53000

RESURFACING OMISSION
 STA. 1049+56 TO STA. 1052+23

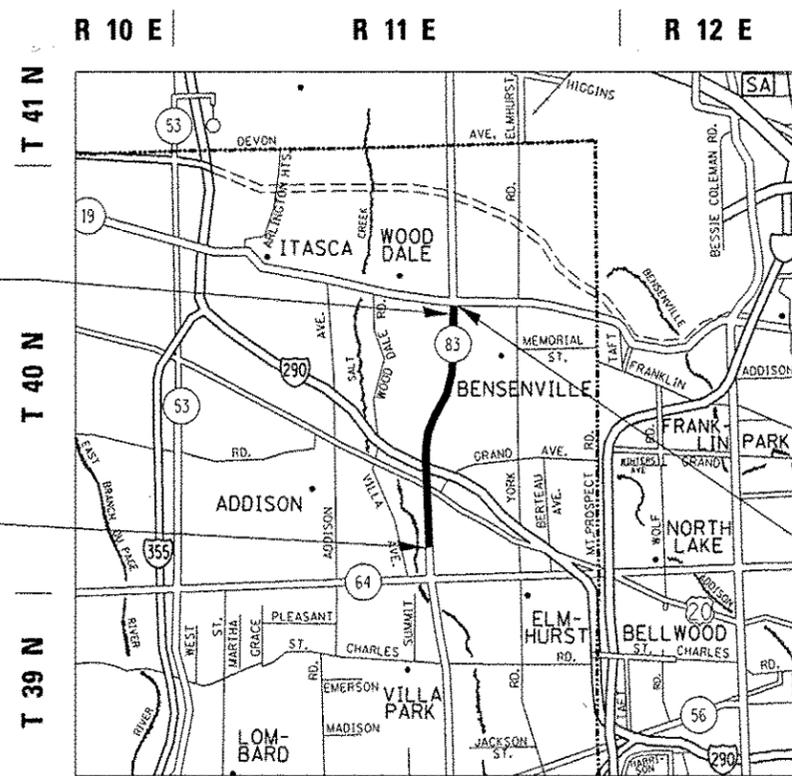
PROJECT BEGINS
 STA. 869+87

PROJECT ENDS
 STA. 1054+06



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



ELK GROVE AND ADDISON TOWNSHIPS
 GROSS LENGTH = 18419 FT. = 3.49 MILE
 NET LENGTH = 18152 FT. = 3.44 MILE

PROJECT ENGINEER: DAN WILGREEN / (847) 705-4240
 PROJECT MANAGER: KEN ENG / (847) 705-4247
 CONTRACT NO. 60V54

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 SUBMITTED February 14, 2013
 Deputy Director of Highways, Region Engineer
 March 22, 2013
 Engineer of Design and Environment
 March 22, 2013
 Director of Highways, Chief Engineer

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 OF THE STATE OF ILLINOIS

SUMMARY OF QUANTITIES			URBAN CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 100% STATE	0005 65% STATE BENSENVILLE 35%	0005 100% BENSENVILLE		
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	142	142				
60603800	COMBINATION CONCRETE CURB AND CUTTER, TYPE B-G, 12"	FOOT	4523	4523				
60619600	CONCRETE MEDIAN, TYPE SB-G, 12"	SQ FT	1048	1048				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6				
67100100	MOBILIZATION	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				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	28102	28102				
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	728	728				
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	70099	70099				
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	2112	2112				
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	27683	27683				

SUMMARY OF QUANTITIES			URBAN CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 100% STATE	0005 65% STATE BENSENVILLE 35%	0005 100% BENSENVILLE		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	11300	11300				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	476	476				
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	3120	3120				
X 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	728	728				
X 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	70099	70099				
X 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2112	2112				
X 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	27683	27683				
X 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	11300	11300				
X 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	476	476				
X 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1415	1415				
X 78200530	BARRIER WALL MARKERS, TYPE C	EACH	224	224				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1415	1415				

12. *Specialty Items

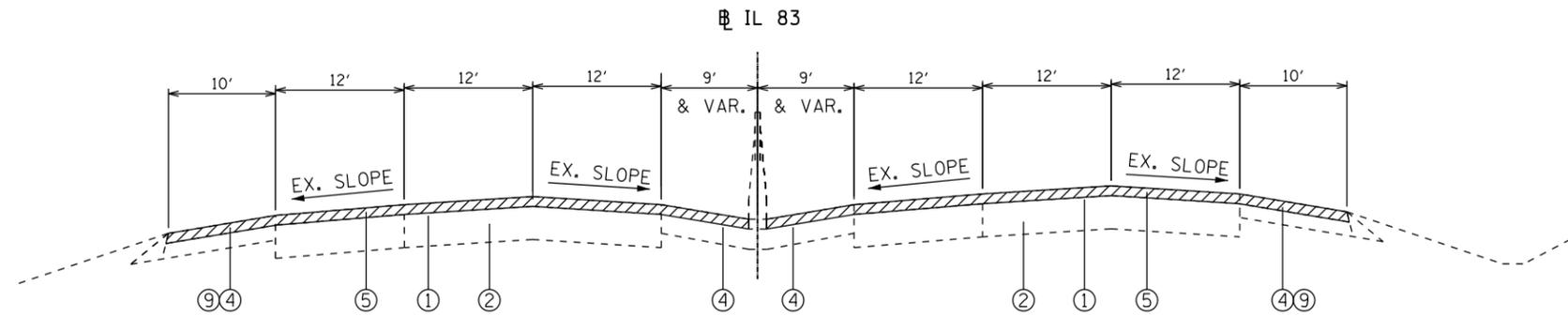
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PLOT DATE: 2/20/2013			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 83 (IL 19 TO IL 64)
SUMMARY OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 344	SECTION 540R-RS-3	COUNTY DU PAGE	TOTAL SHEETS 38	SHEET NO. 4
CONTRACT NO. 60V54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION

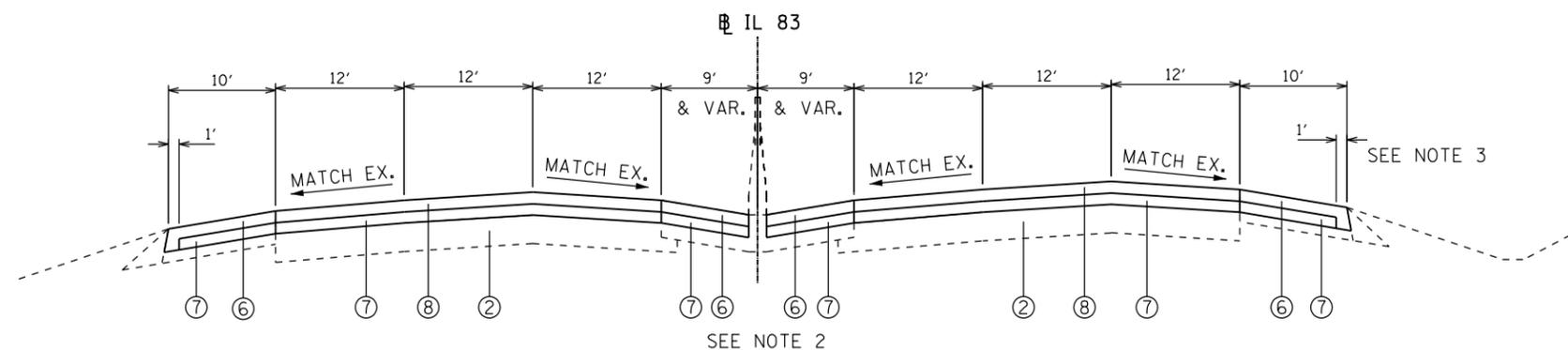
STA. 869+87 TO STA. 888+34

LEGEND

- ① EXISTING +/-2 1/2" HMA
- ② EXISTING +/-10" P.C.C. BASE
- ③ EXISTING B-6.24 CURB AND GUTTER
- ④ EXISTING HMA SHOULDER +/-8"
- ⑤ HMA SURFACE REMOVAL - 2 1/2" (SEE NOTE 1)
- ⑥ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5MM) - 2"
- ⑦ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -1"
- ⑧ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 -2"
- ⑨ HMA SURFACE REMOVAL - 2 1/2"
- ⑩ EXISTING CONCRETE MEDIAN SURFACE REMOVAL - 4"
- ⑪ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ⑫ PROPOSED LANDSCAPE MEDIAN BURN AND SWALES, WITH TOPSOIL - VARIABLE DEPTH AND SEEDING, CLASS 2A (SEE LANDSCAPING DETAIL)

NOTES

1. THE CONTRACTOR SHALL PERFORM THE PAVEMENT PATCHING OPERATIONS PRIOR TO THE HMA SURFACE REMOVAL OPERATION. SEE IDOT DISTRICT 1 DETAIL PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22) FOR ADDITIONAL INFORMATION.
2. NO ADDITIONAL COMPENSATION WILL BE GIVEN TO THE CONTRACTOR FOR ANY EXTRA WORK REQUIRED TO MILL THE HMA SHOULDER ADJACENT TO THE EXISTING BARRIER WALL. THIS WORK WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HMA SURFACE REMOVAL - 2 1/2" .
3. PLACEMENT OF POLYMERIZED LEVELING BINDER SHALL STOP ONE FOOT FROM THE EDGE OF SHOULDER (NO CURB AND GUTTER). SURFACE MIX WILL BE USED FULL DEPTH WITHIN THE REMAINING FOOT.



PROPOSED TYPICAL SECTION

STA. 869+87 TO STA. 888+34

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS	Ndes
PAVEMENT RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"	3.5% @ 80 GYR.	
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"	3.5% @ 50 GYR.	
HMA SHOULDER RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm), 2"	4% @ 70 GYR.	
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"	3.5% @ 50 GYR.	
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 MM)	4% @ 70 GYR.	
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 MM)	4% @ 70 GYR.	

MIXTURE NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. 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 DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIAL SEE DISTRICT ONE SPECIAL PROVISIONS.
3. PAY FOR PERFORMANCE SPECIFICATION SHALL ONLY APPLY TO POLYMERIZED HMA SURFACE STONE MATRIX ASPHALT, N80

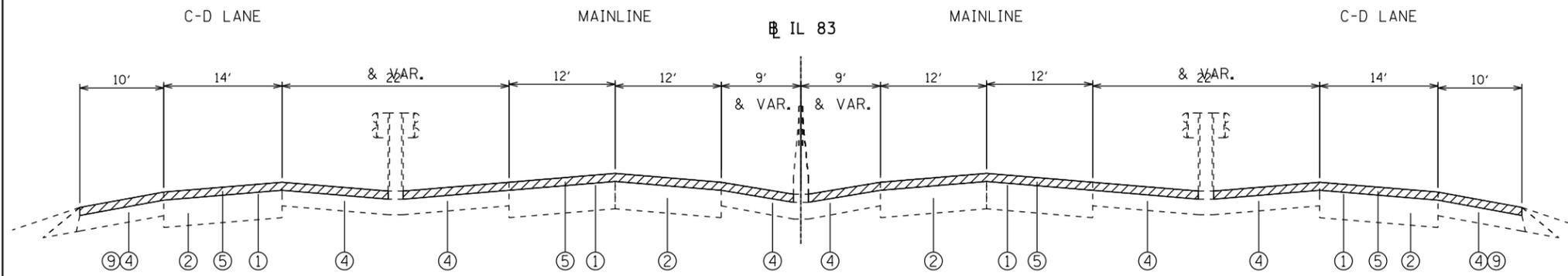
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\$MODELNAME\$	PLOT DATE = 3/8/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 83 (IL 64 TO IL 19)
EXISTING AND PROPOSED TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3	DUPAGE	38	6
			CONTRACT NO. 60V54	
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION
STA. 888+34 TO STA. 944+22

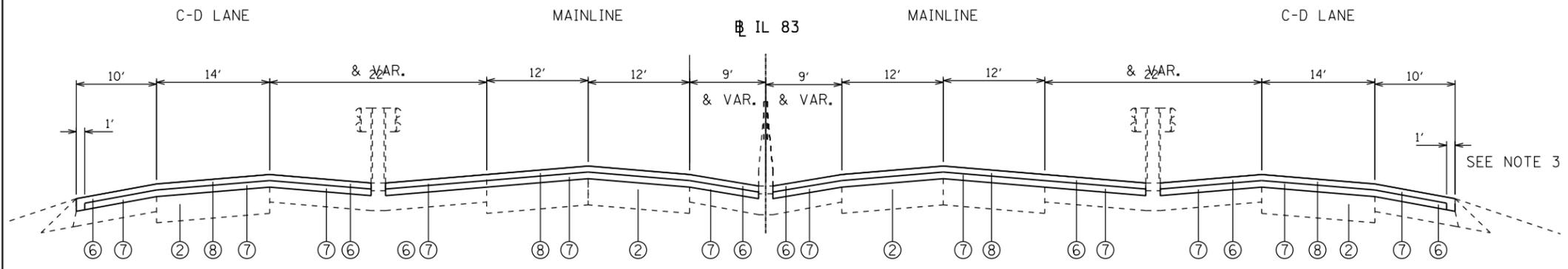
LEGEND

- ① EXISTING +/-2 1/2" HMA
- ② EXISTING +/-10" P.C.C. BASE
- ③ EXISTING B-6.24 CURB AND GUTTER
- ④ EXISTING HMA SHOULDER +/-8"
- ⑤ HMA SURFACE REMOVAL - 2 1/2" (SEE NOTE 1)
- ⑥ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5MM) - 2"
- ⑦ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -1"
- ⑧ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 -2"
- ⑨ HMA SURFACE REMOVAL - 2 1/2"
- ⑩ EXISTING CONCRETE MEDIAN SURFACE REMOVAL - 4"
- ⑪ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ⑫ PROPOSED LANDSCAPE MEDIAN BURN AND SWALES, WITH TOPSOIL - VARIABLE DEPTH AND SEEDING, CLASS 2A (SEE LANDSCAPING DETAIL)

1.

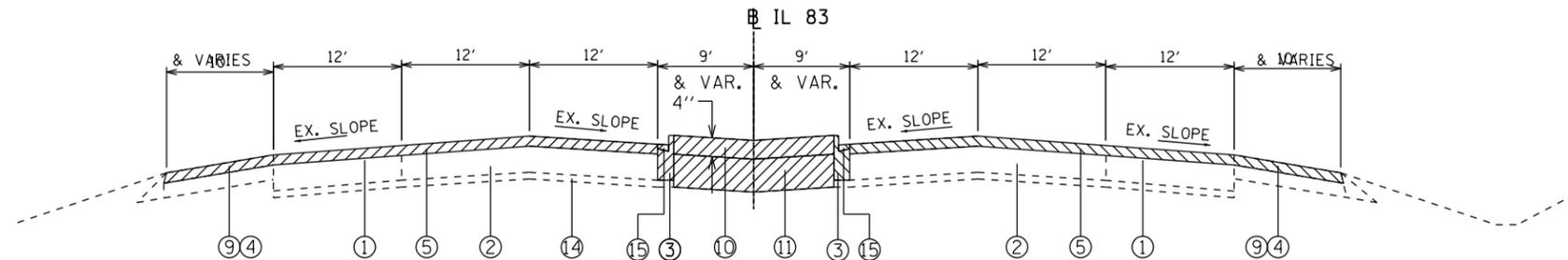
NOTES

1. THE CONTRACTOR SHALL PERFORM THE PAVEMENT PATCHING OPERATIONS PRIOR TO THE HMA SURFACE REMOVAL OPERATION. SEE IDOT DISTRICT 1 DETAIL PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22) FOR ADDITIONAL INFORMATION.
2. NO ADDITIONAL COMPENSATION WILL BE GIVEN TO THE CONTRACTOR FOR ANY EXTRA WORK REQUIRED TO MILL THE HMA SHOULDER ADJACENT TO THE EXISTING BARRIER WALL. THIS WORK WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HMA SURFACE REMOVAL - 2 1/2" .
3. PLACEMENT OF POLYMERIZED LEVELING BINDER SHALL STOP ONE FOOT FROM THE EDGE OF SHOULDER (NO CURB AND GUTTER). SURFACE MIX WILL BE USED FULL DEPTH WITHIN THE REMAINING FOOT.



PROPOSED TYPICAL SECTION
STA. 888+34 TO STA. 944+22

FILE NAME =	USER NAME = Bilgramisa	DESIGNED -	REVISED - SB 3/8/13	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 83 (IL 64 TO IL 19) EXISTING AND PROPOSED TYPICAL SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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MODELNAME	PLOT DATE = 3/8/2013	CHECKED -	REVISED -		CONTRACT NO. 60V54			ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.



EXISTING TYPICAL SECTION

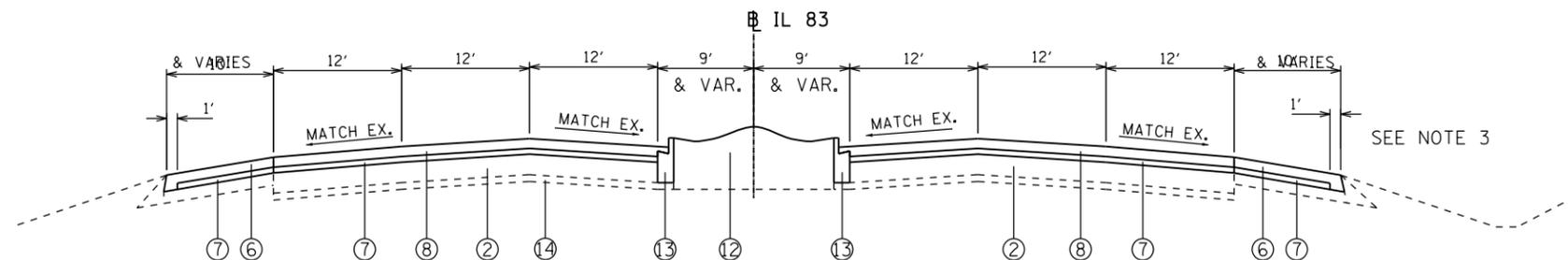
STA. 944+42 TO STA. 976+75
 STA. 983+00 TO STA. 995+50
 STA. 1002+25 TO STA. 1014+75
 STA. 1020+75 TO STA. 1031+00
 STA. 1042+00 TO STA. 1049+56

LEGEND

- ① EXISTING +/- 1/2" HMA
- ② EXISTING +/-10" P.C.C. BASE
- ③ EXISTING CURB AND GUTTER
- ④ EXISTING HMA SHOULDER +/-8"
- ⑤ HMA SURFACE REMOVAL - 2 1/2" (SEE NOTE 1)
- ⑥ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5MM) - 2"
- ⑦ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -1"
- ⑧ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 -2"
- ⑨ HMA SURFACE REMOVAL - 2 1/2"
- ⑩ EXISTING CONCRETE MEDIAN SURFACE REMOVAL - 4"
- ⑪ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ⑫ PROPOSED LANDSCAPE MEDIAN BURN AND SWALES, WITH TOPSOIL - VARIABLE DEPTH AND SEEDING, CLASS 2A (SEE LANDSCAPING DETAIL)
- ⑬ PROP. CONCRETE CURB AND GUTTER (TYPE AND LOCATIONS TO BE DETERMINED BY THE ENGINEER)
- ⑭ EXISTING STABILIZED SUB-BASE, 4"
- ⑮ HOT MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

NOTES

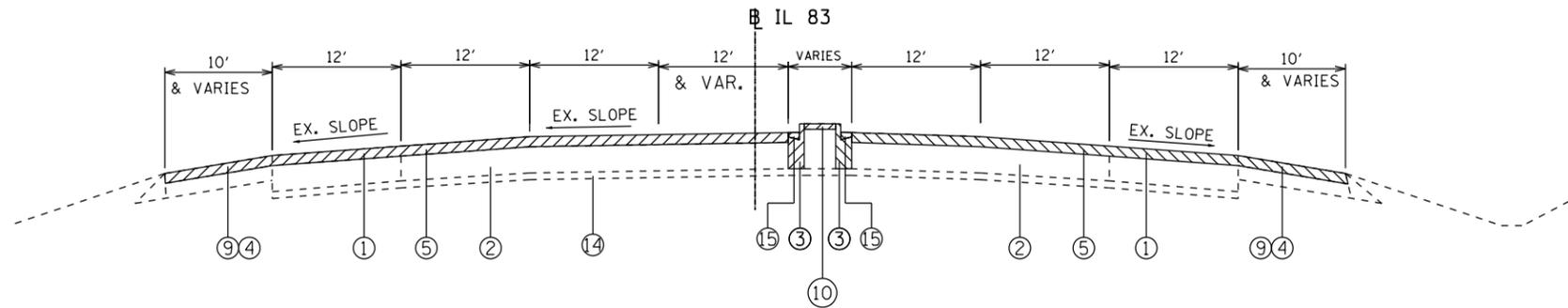
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3. PLACEMENT OF POLYMERIZED LEVELING BINDER SHALL STOP ONE FOOT FROM THE EDGE OF SHOULDER (NO CURB AND GUTTER). SURFACE MIX WILL BE USED FULL DEPTH WITHIN THE REMAINING FOOT.



PROPOSED TYPICAL SECTION

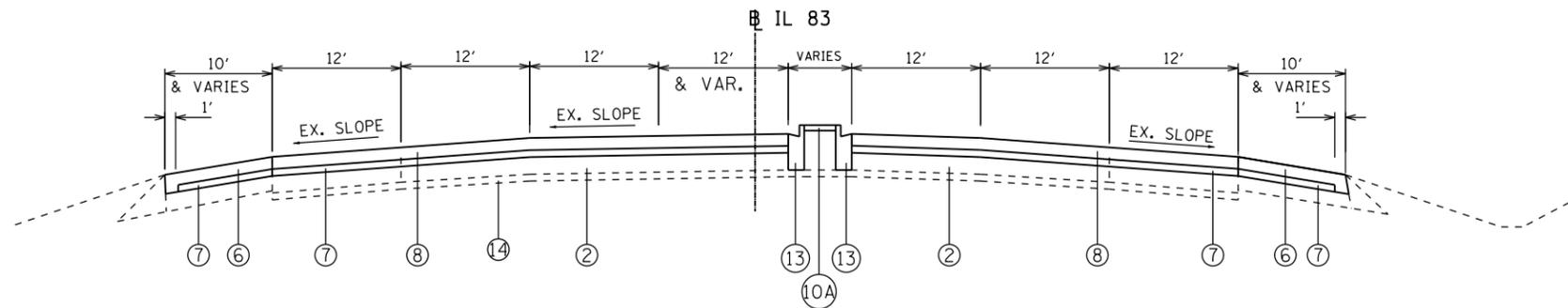
STA. 944+42 TO STA. 976+75
 STA. 983+00 TO STA. 995+50
 STA. 1002+25 TO STA. 1014+75
 STA. 1020+75 TO STA. 1031+00
 STA. 1042+00 TO STA. 1049+56

FILE NAME =	USER NAME = Bilgramisa	DESIGNED -	REVISED - SB 3/14/13	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 83 (IL 64 TO IL 19) EXISTING AND PROPOSED TYPICAL SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 3/15/2013	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.



EXISTING TYPICAL SECTION

STA. 976+75 TO STA. 983+00
 STA. 995+50 TO STA. 1002+25
 STA. 1014+75 TO STA. 1020+75
 STA. 1031+00 TO STA. 1041+00



PROPOSED TYPICAL SECTION

STA. 976+75 TO STA. 983+00
 STA. 995+50 TO STA. 1002+25
 STA. 1014+75 TO STA. 1020+75
 STA. 1031+00 TO STA. 1041+00

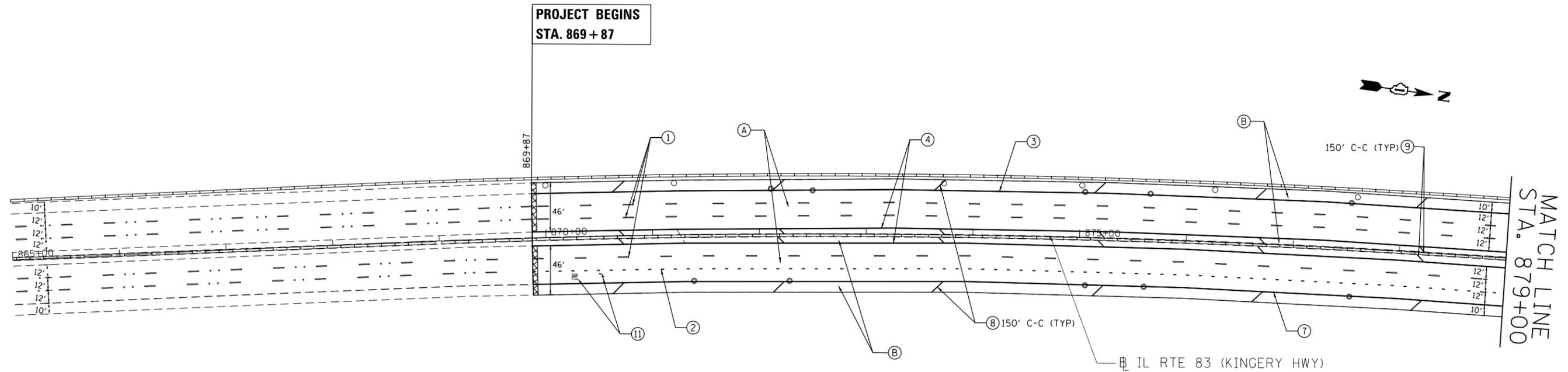
LEGEND

- ① EXISTING +/-2 1/2" HMA
- ② EXISTING +/-10" P.C.C. BASE
- ③ EXISTING B-6.24 CURB AND GUTTER
- ④ EXISTING HMA SHOULDER +/-8"
- ⑤ HMA SURFACE REMOVAL - 2 1/2" (SEE NOTE 1)
- ⑥ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5MM) - 2"
- ⑦ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -1"
- ⑧ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 -2"
- ⑨ HMA SURFACE REMOVAL - 2 1/2"
- ⑩ EXISTING CONCRETE MEDIAN SURFACE REMOVAL - 4"
- ⑩A PROP CONCRETE MEDIAN SURFACE, 5" (SPECIAL)
SEE LANDSCAPING PLANS FOR DETAILS
- ⑪ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ⑫ PROPOSED LANDSCAPE MEDIAN BURN AND SWALES, WITH TOPSOIL - VARIABLE DEPTH AND SEEDING, CLASS 2A (SEE LANDSCAPING DETAIL)
- ⑬ PROPOSED COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
- ⑭ EXISTING STABILIZED SUB-BASE, 4"
- ⑮ HOT MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

NOTES

1. THE CONTRACTOR SHALL PERFORM THE PAVEMENT PATCHING OPERATIONS PRIOR TO THE HMA SURFACE REMOVAL OPERATION. SEE IDOT DISTRICT 1 DETAIL PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22) FOR ADDITIONAL INFORMATION.
2. NO ADDITIONAL COMPENSATION WILL BE GIVEN TO THE CONTRACTOR FOR ANY EXTRA WORK REQUIRED TO MILL THE HMA SHOULDER ADJACENT TO THE EXISTING BARRIER WALL. THIS WORK WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HMA SURFACE REMOVAL - 2 1/2" .
3. PLACEMENT OF POLYMERIZED LEVELING BINDER SHALL STOP ONE FOOT FROM THE EDGE OF SHOULDER (NO CURB AND GUTTER). SURFACE MIX WILL BE USED FULL DEPTH WITHIN THE REMAINING FOOT.

FILE NAME =	USER NAME = Bilgramise	DESIGNED -	REVISED - SB 3/14/13	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 83 (IL 64 TO IL 19) EXISTING AND PROPOSED TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 3/15/2013	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
						SCALE:	SHEET	OF	SHEETS	STA. TO STA.



PAVEMENT MARKING LEGEND (SEE NOTE 1)

- ① THERMOPLASTIC PAVEMENT MARKING 4" WHITE LANE LINE (30' SKIP 10' DASH)
- ② THERMOPLASTIC PAVEMENT MARKING 8" WHITE DOTTED LINE (9' SKIP 3' DASH)
- ③ THERMOPLASTIC PAVEMENT MARKING 4" SOLID WHITE LINE
- ④ THERMOPLASTIC PAVEMENT MARKING 4" SOLID YELLOW LINE
- ⑤ THERMOPLASTIC PAVEMENT MARKING 4" DOUBLE YELLOW LINE 11" C-C
- ⑥ THERMOPLASTIC PAVEMENT MARKING 6" WHITE LINE
- ⑦ THERMOPLASTIC PAVEMENT MARKING 8" WHITE LINE
- ⑧ THERMOPLASTIC PAVEMENT MARKING 12" DIAGONAL WHITE LINE
- ⑨ THERMOPLASTIC PAVEMENT MARKING 12" DIAGONAL YELLOW LINE
- ⑩ THERMOPLASTIC PAVEMENT MARKING 24" WHITE STOP BAR
- ⑪ THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (TYP)

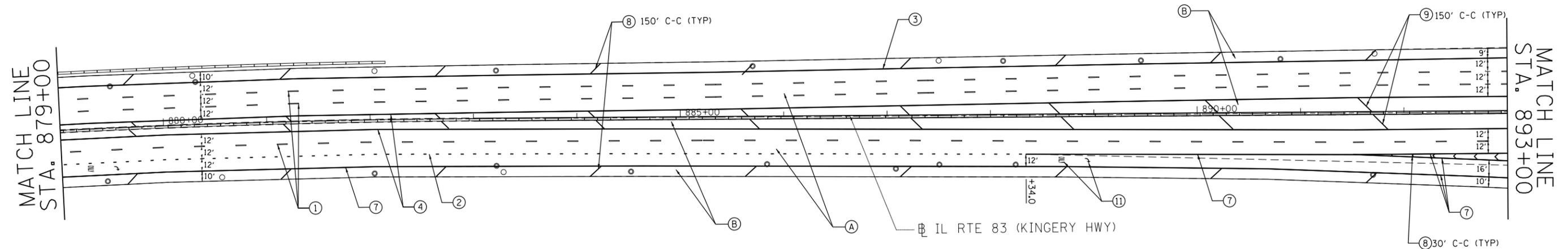
PAVEMENT MIX LEGEND

- Ⓐ PROPOSED HMA SURFACE REMOVAL 2 1/2".
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -1"
- Ⓑ PROPOSED HMA SURFACE REMOVAL 2 1/2".
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -1"
HMA SURFACE COURSE, MIX "D", N70 -2"

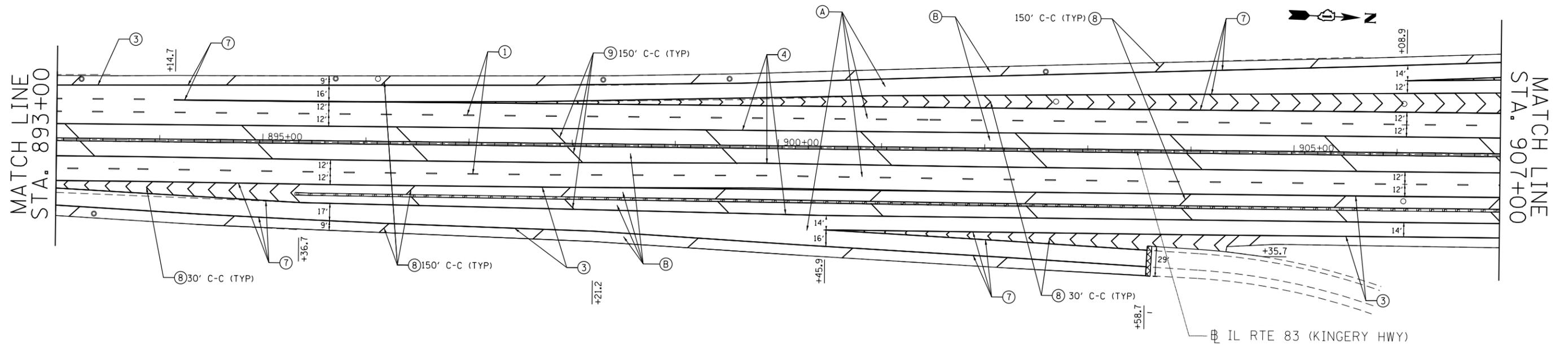
NOTES:

1. REFER TO DISTRICT 1 TYPICAL PAVEMENT MARKINGS (TC-13) FOR ADDITIONAL INFORMATION.
2. REFER TO DISTRICT 1 RAISED REFLECTIVE PAVEMENT MARKERS (TC-11) FOR LOCATION AND SPACING OF RAISED REFLECTIVE PAVEMENT MARKINGS

- SURFACE REMOVAL BUTT JOINT
SEE BUTT JOINTS AND HMA TAPER DETAILS (BD32)
- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT
WITH TOPSOIL AND SEED. SEE TYPICAL SECTIONS AND
LANDSCAPING PLANS FOR DETAILS
- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT
WITH STAMPED COLORED PCC MEDIAN SURFACE.



FILE NAME =	USER NAME = reichenbachr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 83 (IL 19 TO IL 64) ROADWAY AND PAVEMENT MARKING PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			344	540R-RS-3	DUPAGE	38	10	
		CHECKED -	REVISED -			CONTRACT NO. 60V54					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
MODELNAME		PLOT DATE = 2/20/2013		SCALE:		SHEET OF SHEETS STA. TO STA.					



PAVEMENT MARKING LEGEND (SEE NOTE 1)

- ① THERMOPLASTIC PAVEMENT MARKING 4" WHITE LANE LINE (30' SKIP 10' DASH)
- ② THERMOPLASTIC PAVEMENT MARKING 8" WHITE DOTTED LINE (9' SKIP 3' DASH)
- ③ THERMOPLASTIC PAVEMENT MARKING 4" SOLID WHITE LINE
- ④ THERMOPLASTIC PAVEMENT MARKING 4" SOLID YELLOW LINE
- ⑤ THERMOPLASTIC PAVEMENT MARKING 4" DOUBLE YELLOW LINE 11" C-C
- ⑥ THERMOPLASTIC PAVEMENT MARKING 6" WHITE LINE
- ⑦ THERMOPLASTIC PAVEMENT MARKING 8" WHITE LINE
- ⑧ THERMOPLASTIC PAVEMENT MARKING 12" DIAGONAL WHITE LINE
- ⑨ THERMOPLASTIC PAVEMENT MARKING 12" DIAGONAL YELLOW LINE
- ⑩ THERMOPLASTIC PAVEMENT MARKING 24" WHITE STOP BAR
- ⑪ THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (TYP)

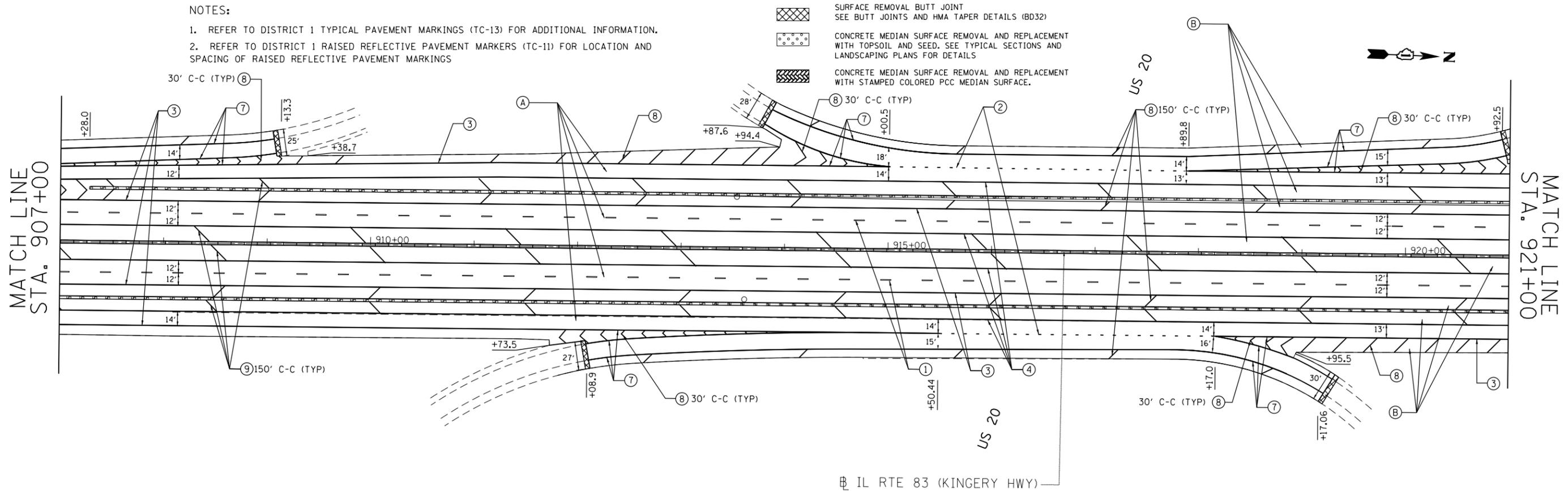
PAVEMENT MIX LEGEND

- Ⓐ PROPOSED HMA SURFACE REMOVAL 2 1/2".
- POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -1"
- POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80 -2"
- Ⓑ PROPOSED HMA SURFACE REMOVAL 2 1/2".
- POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -1"
- HMA SURFACE COURSE, MIX "D", N70 -2"

NOTES:

1. REFER TO DISTRICT 1 TYPICAL PAVEMENT MARKINGS (TC-13) FOR ADDITIONAL INFORMATION.
2. REFER TO DISTRICT 1 RAISED REFLECTIVE PAVEMENT MARKERS (TC-11) FOR LOCATION AND SPACING OF RAISED REFLECTIVE PAVEMENT MARKINGS

- SURFACE REMOVAL BUTT JOINT
SEE BUTT JOINTS AND HMA TAPER DETAILS (BD32)
- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT
WITH TOPSOIL AND SEED. SEE TYPICAL SECTIONS AND
LANDSCAPING PLANS FOR DETAILS
- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT
WITH STAMPED COLORED PCC MEDIAN SURFACE.



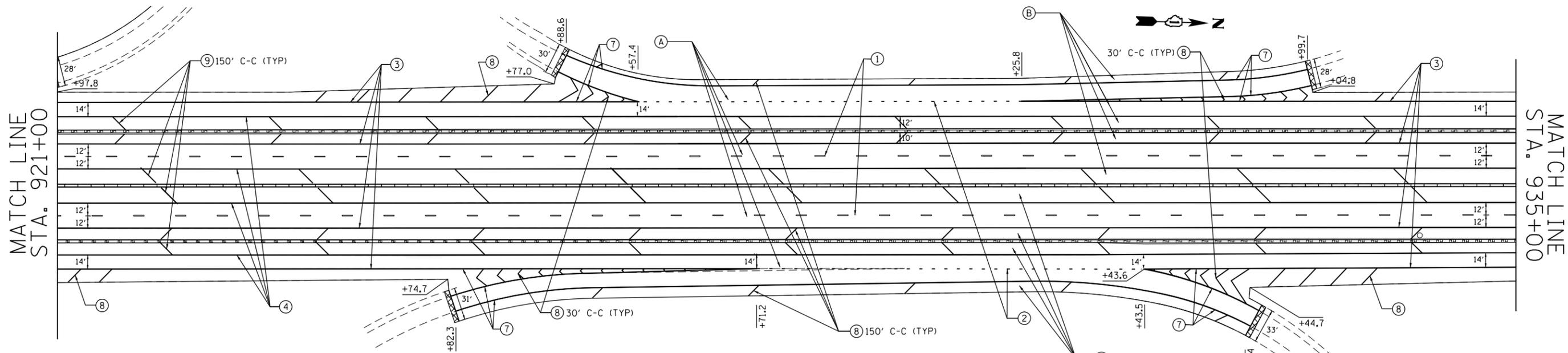
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 83 (IL 19 TO IL 64)
ROADWAY AND PAVEMENT MARKING PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3	DUPAGE	38	11
CONTRACT NO. 60V54				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND (SEE NOTE 1)

- ① THERMOPLASTIC PAVEMENT MARKING 4" WHITE LANE LINE (30' SKIP 10' DASH)
- ② THERMOPLASTIC PAVEMENT MARKING 8" WHITE DOTTED LINE (9' SKIP 3' DASH)
- ③ THERMOPLASTIC PAVEMENT MARKING 4" SOLID WHITE LINE
- ④ THERMOPLASTIC PAVEMENT MARKING 4" SOLID YELLOW LINE
- ⑤ THERMOPLASTIC PAVEMENT MARKING 4" DOUBLE YELLOW LINE 11" C-C
- ⑥ THERMOPLASTIC PAVEMENT MARKING 6" WHITE LINE

- ⑦ THERMOPLASTIC PAVEMENT MARKING 8" WHITE LINE
- ⑧ THERMOPLASTIC PAVEMENT MARKING 12" DIAGONAL WHITE LINE
- ⑨ THERMOPLASTIC PAVEMENT MARKING 12" DIAGONAL YELLOW LINE
- ⑩ THERMOPLASTIC PAVEMENT MARKING 24" WHITE STOP BAR
- ⑪ THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (TYP)

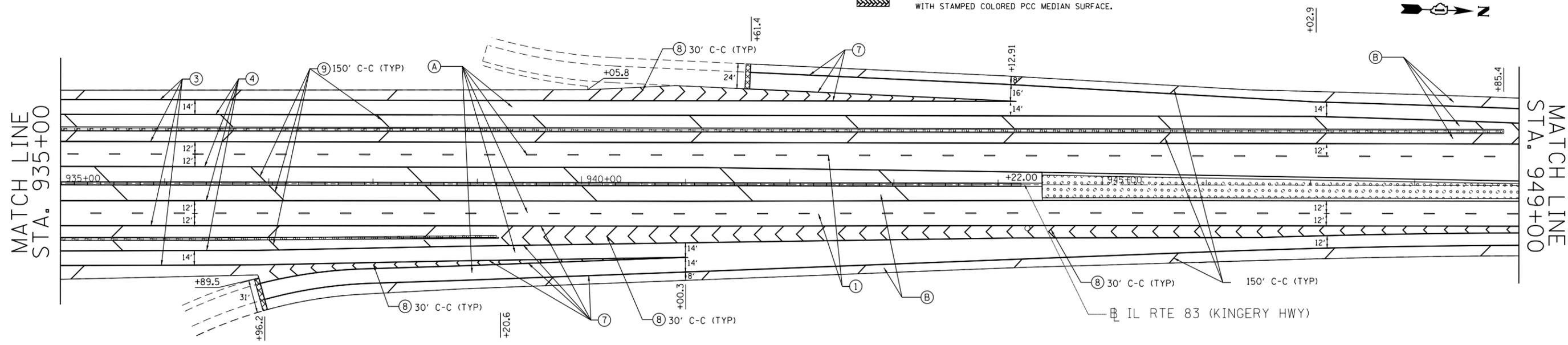
PAVEMENT MIX LEGEND

- Ⓐ PROPOSED HMA SURFACE REMOVAL 2 1/2".
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -1"
- Ⓑ PROPOSED HMA SURFACE REMOVAL 2 1/2".
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -1"
HMA SURFACE COURSE, MIX "D", N70 -2"

NOTES:

1. REFER TO DISTRICT 1 TYPICAL PAVEMENT MARKINGS (TC-13) FOR ADDITIONAL INFORMATION.
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- SURFACE REMOVAL BUTT JOINT
SEE BUTT JOINTS AND HMA TAPER DETAILS (BD32)
- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT
WITH TOPSOIL AND SEED. SEE TYPICAL SECTIONS AND
LANDSCAPING PLANS FOR DETAILS
- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT
WITH STAMPED COLORED PCC MEDIAN SURFACE.



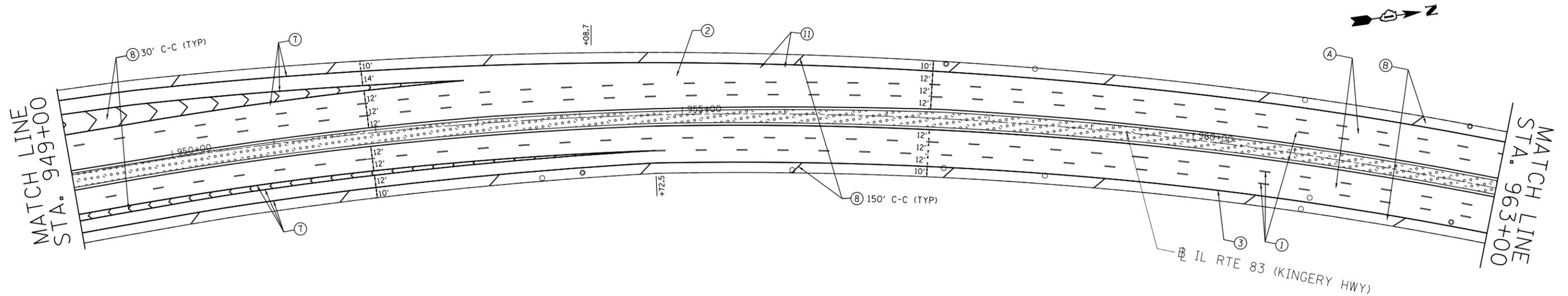
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 83 (IL 19 TO IL 64)
ROADWAY AND PAVEMENT MARKING PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3	DUPAGE	38	12
CONTRACT NO. 60V54				
ILLINOIS FED. AID PROJECT				



PAVEMENT MIX LEGEND

- (A) PROPOSED HMA SURFACE REMOVAL 2 1/2".
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -1"
- (B) PROPOSED HMA SURFACE REMOVAL 2 1/2".
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -1"
HMA SURFACE COURSE, MIX "D", N70 -2"

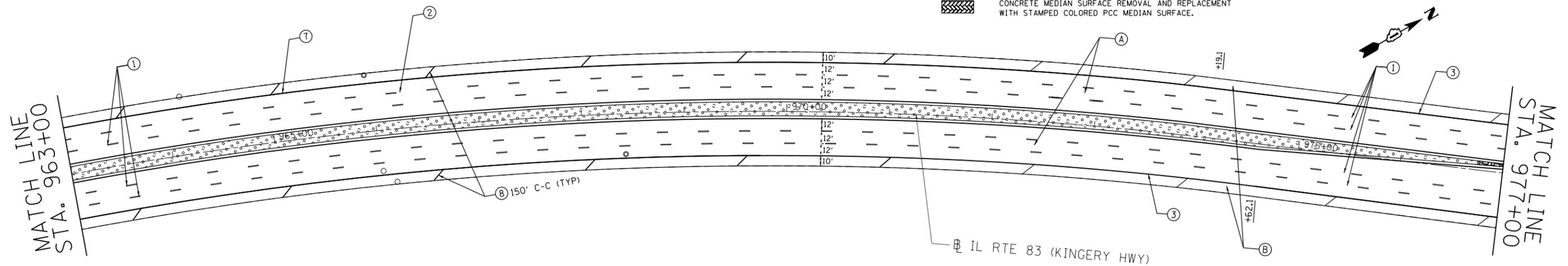
PAVEMENT MARKING LEGEND (SEE NOTE 1)

- (1) THERMOPLASTIC PAVEMENT MARKING 4" WHITE LANE LINE (30' SKIP 10' DASH)
- (2) THERMOPLASTIC PAVEMENT MARKING 8" WHITE DOTTED LINE (9' SKIP 3' DASH)
- (3) THERMOPLASTIC PAVEMENT MARKING 4" SOLID WHITE LINE
- (4) THERMOPLASTIC PAVEMENT MARKING 4" SOLID YELLOW LINE
- (5) THERMOPLASTIC PAVEMENT MARKING 4" DOUBLE YELLOW LINE 11" C-C
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- (7) THERMOPLASTIC PAVEMENT MARKING 8" WHITE LINE
- (8) THERMOPLASTIC PAVEMENT MARKING 12" DIAGONAL WHITE LINE
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- (10) THERMOPLASTIC PAVEMENT MARKING 24" WHITE STOP BAR
- (11) THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (TYP)

NOTES:

1. REFER TO DISTRICT 1 TYPICAL PAVEMENT MARKINGS (TC-13) FOR ADDITIONAL INFORMATION.
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- SURFACE REMOVAL BUTT JOINT
SEE BUTT JOINTS AND HMA TAPER DETAILS (BD32)
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LANDSCAPING PLANS FOR DETAILS
- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT
WITH STAMPED COLORED PCC MEDIAN SURFACE.



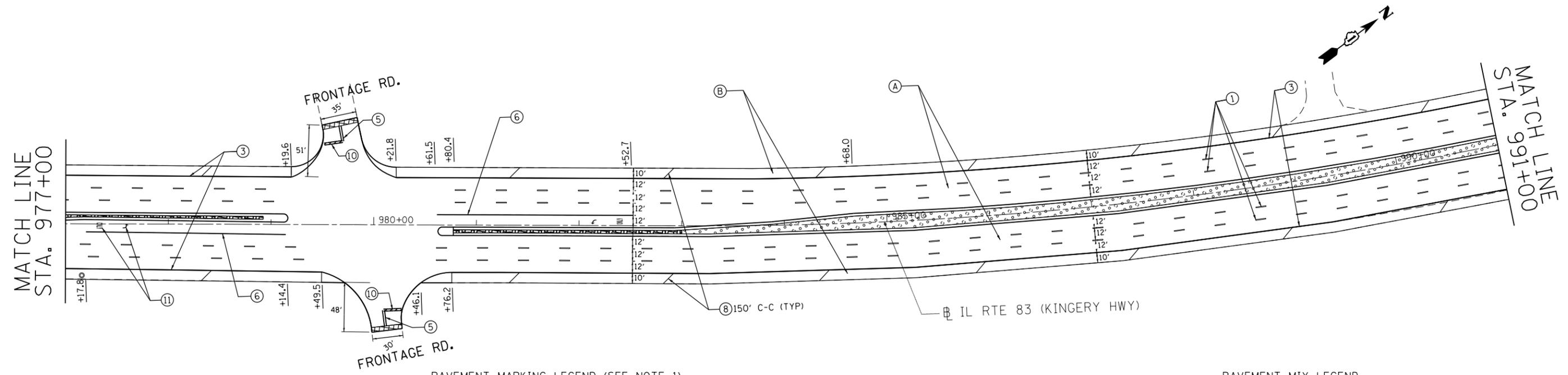
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 83 (IL 19 TO IL 64)
ROADWAY AND PAVEMENT MARKING PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3	DUPAGE	38	13
CONTRACT NO. 60V54				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND (SEE NOTE 1)

- ① THERMOPLASTIC PAVEMENT MARKING 4" WHITE LANE LINE (30' SKIP 10' DASH)
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- ⑪ THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (TYP)

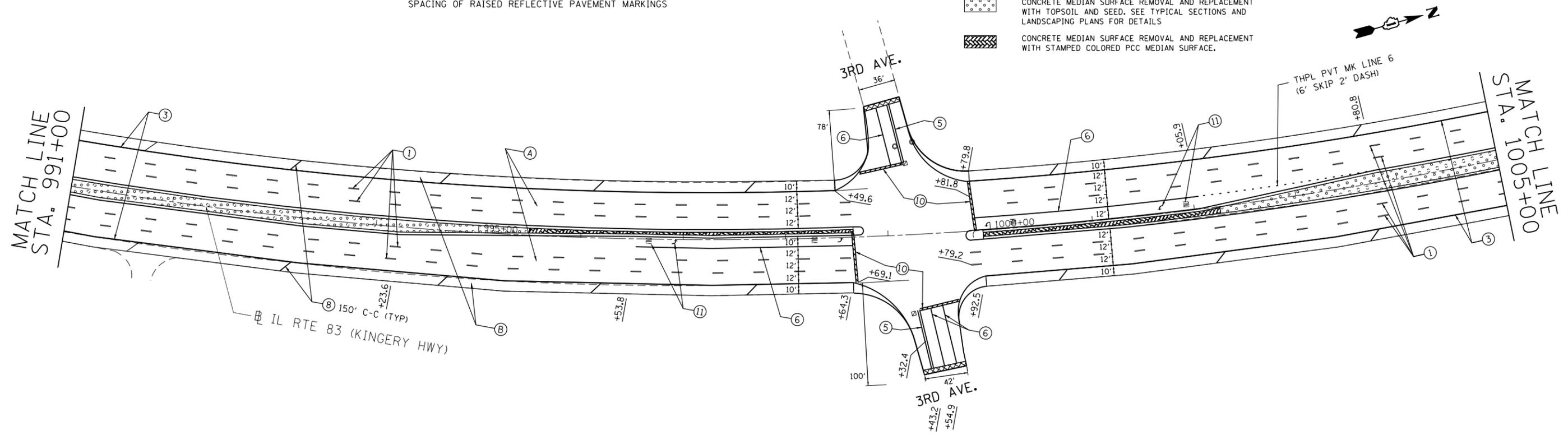
PAVEMENT MIX LEGEND

- Ⓐ PROPOSED HMA SURFACE REMOVAL 2 1/2".
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -1"
- Ⓑ POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80 -2"
- Ⓑ PROPOSED HMA SURFACE REMOVAL 2 1/2".
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -1"
HMA SURFACE COURSE, MIX "D", N70 -2"

NOTES:

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WITH STAMPED COLORED PCC MEDIAN SURFACE.



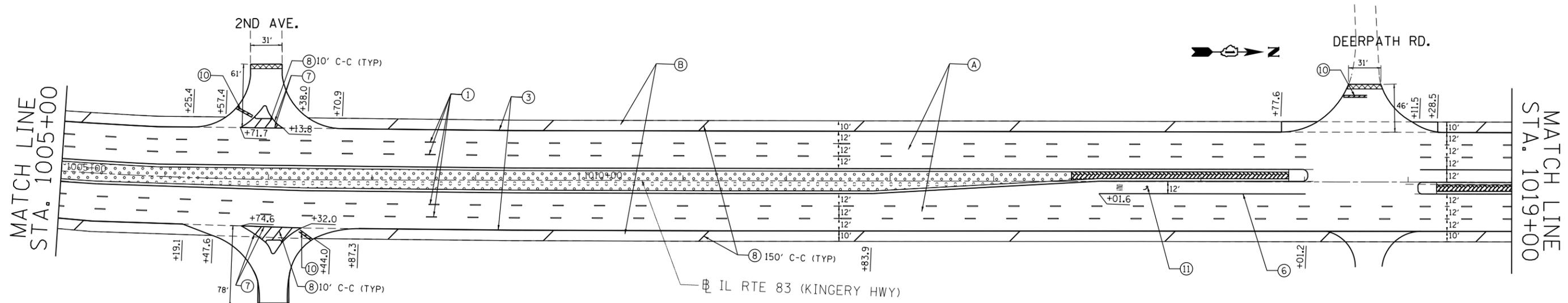
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 83 (IL 19 TO IL 64)
ROADWAY AND PAVEMENT MARKING PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3	DUPAGE	38	14
CONTRACT NO. 60V54				
ILLINOIS FED. AID PROJECT				



PAVEMENT MIX LEGEND

- (A) PROPOSED HMA SURFACE REMOVAL 2 1/2\"/>
 - POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -1\"/>
 - POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80 -2\"/>
- (B) PROPOSED HMA SURFACE REMOVAL 2 1/2\"/>
 - POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -1\"/>
 - HMA SURFACE COURSE, MIX "D", N70 -2\"/>

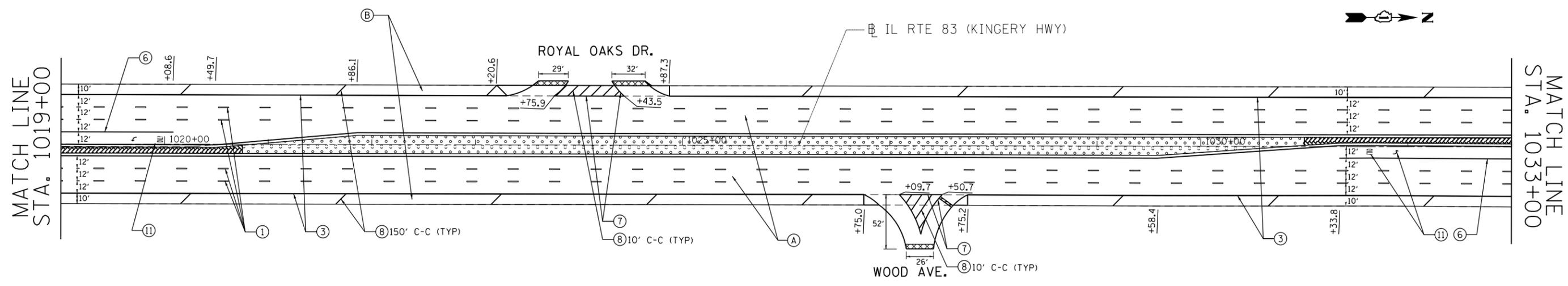
PAVEMENT MARKING LEGEND (SEE NOTE 1)

- (1) THERMOPLASTIC PAVEMENT MARKING 4\"/>
- (2) THERMOPLASTIC PAVEMENT MARKING 8\"/>
- (3) THERMOPLASTIC PAVEMENT MARKING 4\"/>
- (4) THERMOPLASTIC PAVEMENT MARKING 4\"/>
- (5) THERMOPLASTIC PAVEMENT MARKING 4\"/>
- (6) THERMOPLASTIC PAVEMENT MARKING 6\"/>
- (7) THERMOPLASTIC PAVEMENT MARKING 8\"/>
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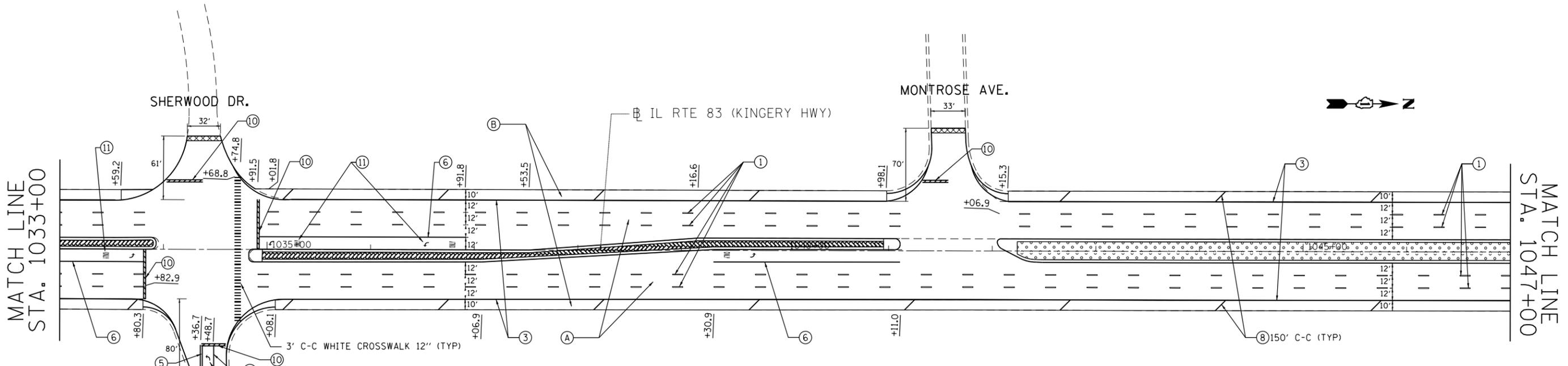
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 83 (IL 19 TO IL 64)
ROADWAY AND PAVEMENT MARKING PLAN**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3	DUPAGE	38	15
CONTRACT NO. 60V54			ILLINOIS FED. AID PROJECT	



PAVEMENT MIX LEGEND

- (A) PROPOSED HMA SURFACE REMOVAL 2 1/2".
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -1"
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80 -2"
- (B) PROPOSED HMA SURFACE REMOVAL 2 1/2".
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -1"
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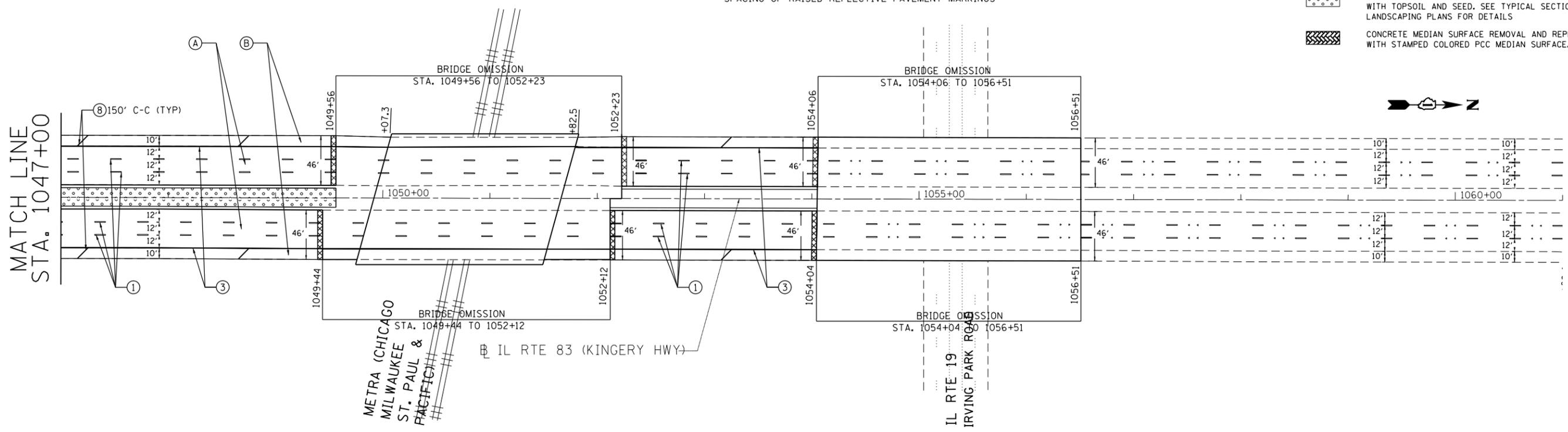
PAVEMENT MARKING LEGEND (SEE NOTE 1)

- (1) THERMOPLASTIC PAVEMENT MARKING 4" WHITE LANE LINE (30' SKIP 10' DASH)
- (2) THERMOPLASTIC PAVEMENT MARKING 8" WHITE DOTTED LINE (9' SKIP 3' DASH)
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- (11) THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (TYP)

NOTES:

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LANDSCAPING PLANS FOR DETAILS
- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT
WITH STAMPED COLORED PCC MEDIAN SURFACE.



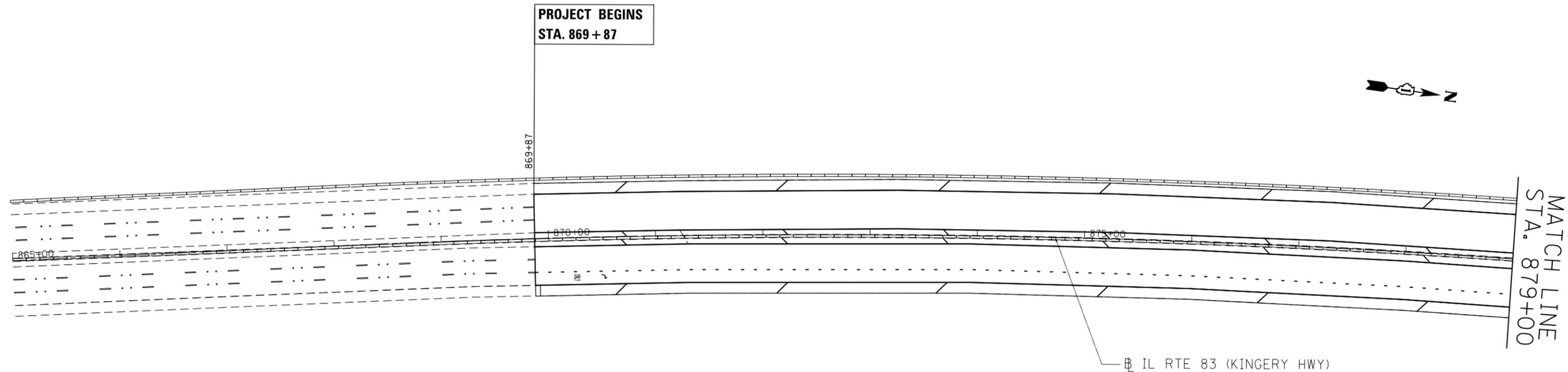
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 83 (IL 19 TO IL 64)
ROADWAY AND PAVEMENT MARKING PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

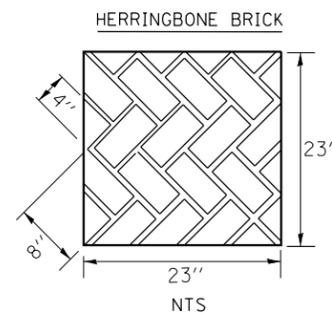
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3	DUPAGE	38	16
CONTRACT NO. 60V54				
ILLINOIS FED. AID PROJECT				



LANDSCAPING LEGEND

-  CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH TOPSOIL AND SEED (SEE NOTE 3)
-  CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH STAMPED COLORED PCC MEDIAN SURFACE 5 INCH (SPECIAL)
-  PROPOSED TREE AT 30' CENTER TO CENTER SPACING (SEE PROPOSED TREE SCHEDULE)

COLORED STAMPED CONCRETE MEDIAN DETAIL:

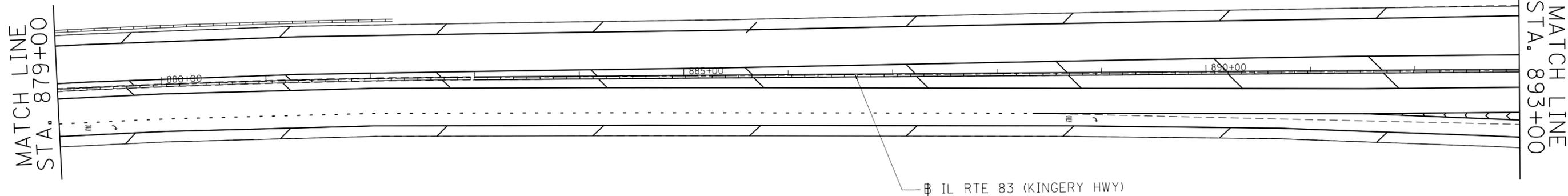


LANDSCAPING NOTES:

1. PROPOSED TREES LOCATED IN THE MEDIAN SHALL BE SPACED AT 30' INTERVALS IN AN ALTERNATING PATTERN FOR THE TREE SPECIES LISTED IN THE LANDSCAPING SCHEDULE.
2. COLORED STAMPED CONCRETE MEDIAN SHALL BE POURED MONOLITHICALLY AND STAMPED WITH HERRINGBONE BRICK PATTERN AS SHOWN IN THE PLANS (SEE DETAIL).
3. EROSION CONTROL BLANKET AND FERTILIZER NUTRIENTS (NITROGEN, PHOSPHORUS AND POTASSIUM) TO BE APPLIED TO ALL SEEDING AREAS

LANDSCAPING SCHEDULE

PAY ITEM	UNIT	QTY.
Tree, Nyssa Sylvatica (Black Tupelo), 2" Caliper, Balled and Burlapped	EACH	44
Tree, Malus Prairie Fire (Prairie Fire Crabapple), 2" Caliper, Tree Form, Balled and Burlapped	EACH	44
Tree, Syringa Pekinensis Morton (China Snow Peking Lilac), 2" Caliper, Tree Form, Balled and Burlapped	EACH	44
Tree, Malus Spring Snow (Spring Snow Crabapple), 2" Caliper, Tree Form, Balled and Burlapped	EACH	44



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

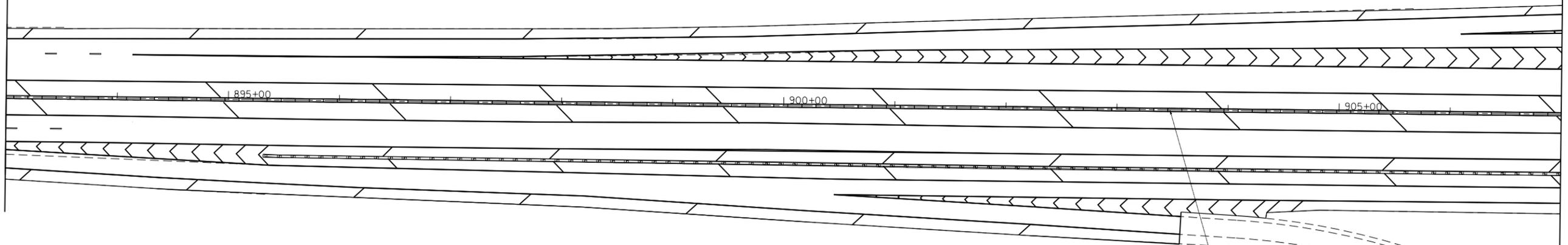
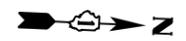
**IL 83 (IL 19 TO IL 64)
LANDSCAPING PLANS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3	DUPAGE	38	17
CONTRACT NO. 60V54				
ILLINOIS FED. AID PROJECT				

MATCH LINE
STA. 893+00

MATCH LINE
STA. 907+00



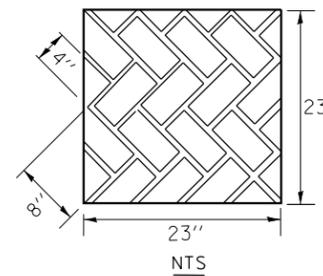
IL RTE 83 (KINGERY HWY)

LANDSCAPING LEGEND

- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH TOPSOIL AND SEED (SEE NOTE 3)
- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH STAMPED COLORED PCC MEDIAN SURFACE 5 INCH (SPECIAL)
- PROPOSED TREE AT 30' CENTER TO CENTER SPACING (SEE PROPOSED TREE SCHEDULE)

COLORED STAMPED CONCRETE MEDIAN DETAIL:

HERRINGBONE BRICK

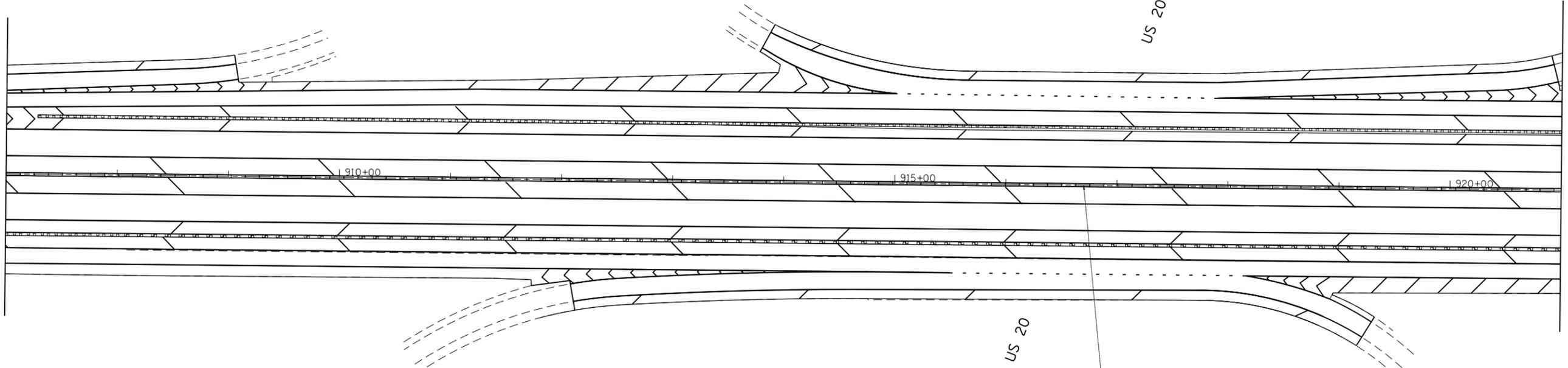
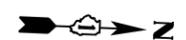


LANDSCAPING NOTES:

1. PROPOSED TREES LOCATED IN THE MEDIAN SHALL BE SPACED AT 30' INTERVALS IN AN ALTERNATING PATTERN FOR THE TREE SPECIES LISTED IN THE LANDSCAPING SCHEDULE.
2. COLORED STAMPED CONCRETE MEDIAN SHALL BE POURED MONOLITHICALLY AND STAMPED WITH HERRINGBONE BRICK PATTERN AS SHOWN IN THE PLANS (SEE DETAIL).
3. EROSION CONTROL BLANKET AND FERTILIZER NUTRIENTS (NITROGEN, PHOSPHORUS AND POTASSIUM) TO BE APPLIED TO ALL SEEDING AREAS

MATCH LINE
STA. 907+00

MATCH LINE
STA. 921+00



IL RTE 83 (KINGERY HWY)

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	PLOT DATE = 2/20/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 83 (IL 19 TO IL 64)
LANDSCAPING PLANS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3	DUPAGE	38	18
CONTRACT NO. 60V54				
ILLINOIS FED. AID PROJECT				

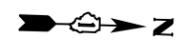
MATCH LINE
STA. 921+00

MATCH LINE
STA. 935+00

I-290

I-290

IL RTE 83 (KINGERY HWY)



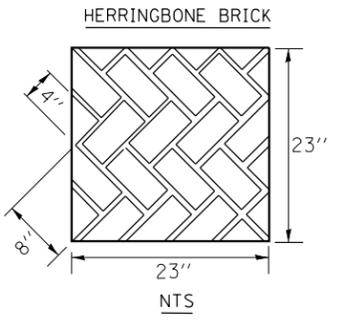
LANDSCAPING LEGEND

-  CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH TOPSOIL AND SEED (SEE NOTE 3)
-  CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH STAMPED COLORED PCC MEDIAN SURFACE 5 INCH (SPECIAL)
-  PROPOSED TREE AT 30' CENTER TO CENTER SPACING (SEE PROPOSED TREE SCHEDULE)

LANDSCAPING NOTES:

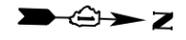
1. PROPOSED TREES LOCATED IN THE MEDIAN SHALL BE SPACED AT 30' INTERVALS IN AN ALTERNATING PATTERN FOR THE TREE SPECIES LISTED IN THE LANDSCAPING SCHEDULE.
2. COLORED STAMPED CONCRETE MEDIAN SHALL BE POURED MONOLITHICALLY AND STAMPED WITH HERRINGBONE BRICK PATTERN AS SHOWN IN THE PLANS (SEE DETAIL).
3. EROSION CONTROL BLANKET AND FERTILIZER NUTRIENTS (NITROGEN, PHOSPHORUS AND POTASSIUM) TO BE APPLIED TO ALL SEEDING AREAS
4. CONCRETE MEDIAN SURFACES TO BE REMOVED AND REPLACED WITH LANDSCAPED MEDIANS AT STA. 944+42 TO STA. 976+75 WILL BE REQUIRED TO HAVE SAME DAY STABILIZATION

COLORED STAMPED CONCRETE MEDIAN DETAIL:



MATCH LINE
STA. 935+00

MATCH LINE
STA. 949+00



IL RTE 83 (KINGERY HWY)

FILE NAME = c:\pwork\pwork\bidot\blgrmisa\d0315608\0100313-shit-plan.dgn	USER NAME = Bilgrmisa	DESIGNED -	REVISED - SB 3/14/13	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 83 (IL 19 TO IL 64) LANDSCAPING PLANS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -					344	540R-RS-3	DUPAGE	38	19
\$MODELNAME\$	PLOT DATE = 3/15/2013	DATE -	REVISED -	SCALE: SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT CONTRACT NO. 60V54					

MATCH LINE
STA. 949+00

MATCH LINE
STA. 963+00

IL RTE 83 (KINGERY HWY)



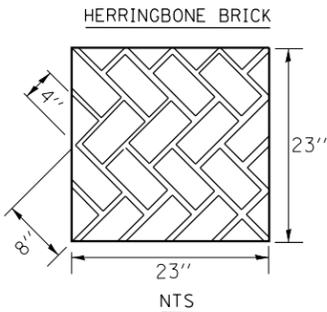
LANDSCAPING LEGEND

-  CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH TOPSOIL AND SEED (SEE NOTE 3)
-  CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH STAMPED COLORED PCC MEDIAN SURFACE 5 INCH (SPECIAL)
-  PROPOSED TREE AT 30' CENTER TO CENTER SPACING (SEE PROPOSED TREE SCHEDULE)

LANDSCAPING NOTES:

1. PROPOSED TREES LOCATED IN THE MEDIAN SHALL BE SPACED AT 30' INTERVALS IN AN ALTERNATING PATTERN FOR THE TREE SPECIES LISTED IN THE LANDSCAPING SCHEDULE.
2. COLORED STAMPED CONCRETE MEDIAN SHALL BE POURED MONOLITHICALLY AND STAMPED WITH HERRINGBONE BRICK PATTERN AS SHOWN IN THE PLANS (SEE DETAIL).
3. EROSION CONTROL BLANKET AND FERTILIZER NUTRIENTS (NITROGEN, PHOSPHORUS AND POTASSIUM) TO BE APPLIED TO ALL SEEDING AREAS
4. CONCRETE MEDIAN SURFACES TO BE REMOVED AND REPLACED WITH LANDSCAPED MEDIANS AT STA. 944+42 TO STA. 976+75 WILL BE REQUIRED TO HAVE SAME DAY STABILIZATION

COLORED STAMPED CONCRETE MEDIAN DETAIL:



MATCH LINE
STA. 963+00

MATCH LINE
STA. 977+00

IL RTE 83 (KINGERY HWY)



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	PLOT DATE = 3/15/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 83 (IL 19 TO IL 64)
LANDSCAPING PLANS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3	DUPAGE	38	20
CONTRACT NO. 60V54				
ILLINOIS FED. AID PROJECT				

MATCH LINE
STA. 977+00

FRONTAGE RD.

FRONTAGE RD.

MATCH LINE
STA. 991+00

IL RTE 83 (KINGERY HWY)

LANDSCAPING LEGEND

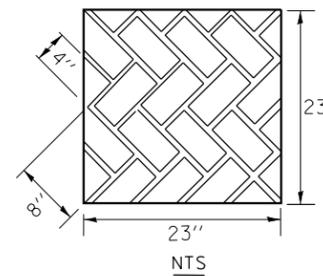
-  CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH TOPSOIL AND SEED (SEE NOTE 3)
-  CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH STAMPED COLORED PCC MEDIAN SURFACE 5 INCH (SPECIAL)
-  PROPOSED TREE AT 30' CENTER TO CENTER SPACING (SEE PROPOSED TREE SCHEDULE)

LANDSCAPING NOTES:

1. PROPOSED TREES LOCATED IN THE MEDIAN SHALL BE SPACED AT 30' INTERVALS IN AN ALTERNATING PATTERN FOR THE TREE SPECIES LISTED IN THE LANDSCAPING SCHEDULE.
2. COLORED STAMPED CONCRETE MEDIAN SHALL BE POURED MONOLITHICALLY AND STAMPED WITH HERRINGBONE BRICK PATTERN AS SHOWN IN THE PLANS (SEE DETAIL).
3. EROSION CONTROL BLANKET AND FERTILIZER NUTRIENTS (NITROGEN, PHOSPHORUS AND POTASSIUM) TO BE APPLIED TO ALL SEEDING AREAS

COLORED STAMPED CONCRETE MEDIAN DETAIL:

HERRINGBONE BRICK



MATCH LINE
STA. 991+00

3RD AVE.

3RD AVE.

MATCH LINE
STA. 1005+00

IL RTE 83 (KINGERY HWY)

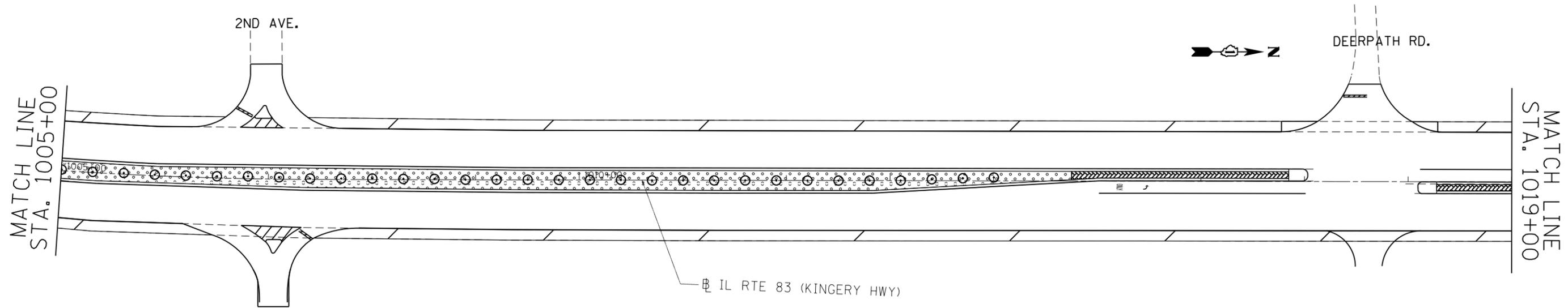
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 83 (IL 19 TO IL 64)
LANDSCAPING PLANS**

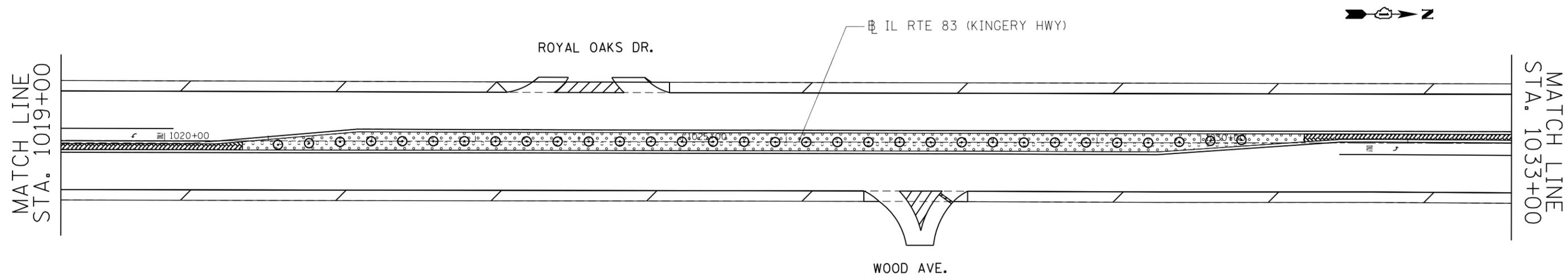
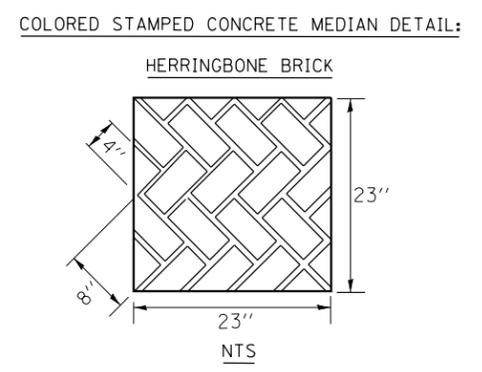
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3	DUPAGE	38	21
CONTRACT NO. 60V54				
ILLINOIS FED. AID PROJECT				



- LANDSCAPING LEGEND**
- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH TOPSOIL AND SEED (SEE NOTE 3)
 - CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH STAMPED COLORED PCC MEDIAN SURFACE 5 INCH (SPECIAL)
 - PROPOSED TREE AT 30' CENTER TO CENTER SPACING (SEE PROPOSED TREE SCHEDULE)

- LANDSCAPING NOTES:**
1. PROPOSED TREES LOCATED IN THE MEDIAN SHALL BE SPACED AT 30' INTERVALS IN AN ALTERNATING PATTERN FOR THE TREE SPECIES LISTED IN THE LANDSCAPING SCHEDULE.
 2. COLORED STAMPED CONCRETE MEDIAN SHALL BE POURED MONOLITHICALLY AND STAMPED WITH HERRINGBONE BRICK PATTERN AS SHOWN IN THE PLANS (SEE DETAIL).
 3. EROSION CONTROL BLANKET AND FERTILIZER NUTRIENTS (NITROGEN, PHOSPHORUS AND POTASSIUM) TO BE APPLIED TO ALL SEEDING AREAS



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	PLOT DATE = 3/15/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 83 (IL 19 TO IL 64)
LANDSCAPING PLANS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3	DUPAGE	38	22
CONTRACT NO. 60V54				
ILLINOIS FED. AID PROJECT				

MATCH LINE
STA. 1033+00

MATCH LINE
STA. 1047+00

SHERWOOD DR.

MONTROSE AVE.

IL RTE 83 (KINGERY HWY)

GROVE RD.

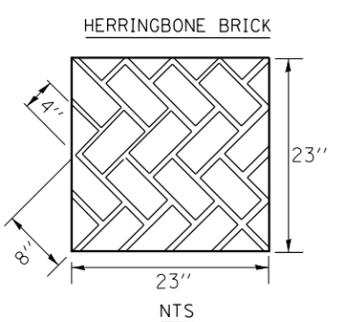
LANDSCAPING LEGEND

-  CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH TOPSOIL AND SEED (SEE NOTE 3)
-  CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH STAMPED COLORED PCC MEDIAN SURFACE 5 INCH (SPECIAL)
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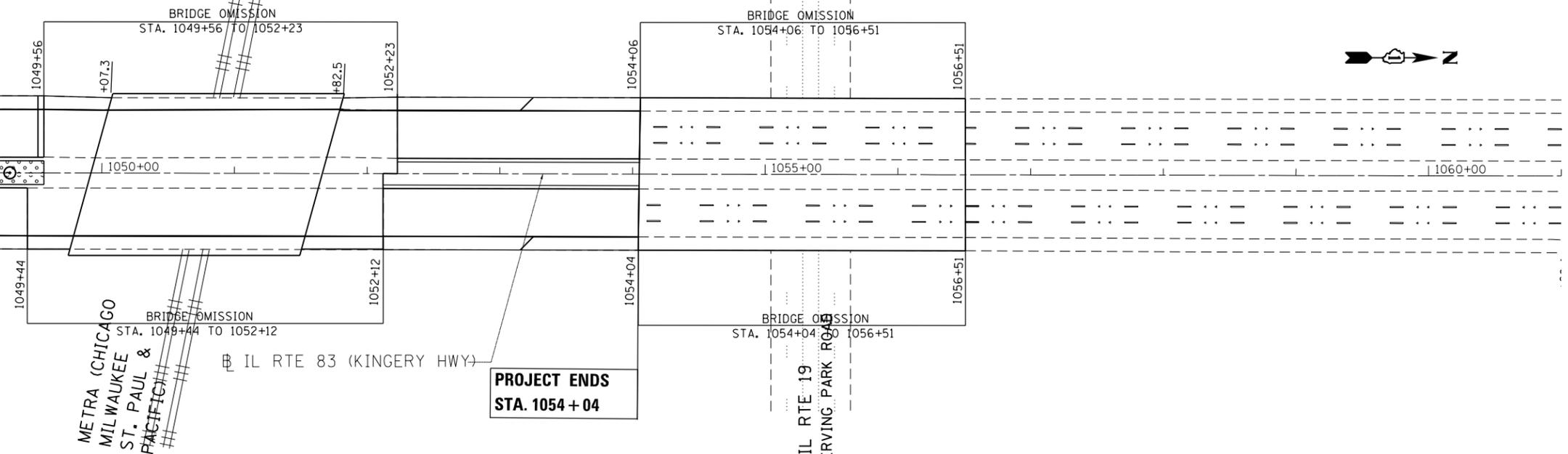
LANDSCAPING NOTES:

1. PROPOSED TREES LOCATED IN THE MEDIAN SHALL BE SPACED AT 30' INTERVALS IN AN ALTERNATING PATTERN FOR THE TREE SPECIES LISTED IN THE LANDSCAPING SCHEDULE.
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3. EROSION CONTROL BLANKET AND FERTILIZER NUTRIENTS (NITROGEN, PHOSPHORUS AND POTASSIUM) TO BE APPLIED TO ALL SEEDING AREAS

COLORED STAMPED CONCRETE MEDIAN DETAIL:



MATCH LINE
STA. 1047+00



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	PLOT DATE = 3/15/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 83 (IL 19 TO IL 64)
LANDSCAPING PLANS**

SCALE: SHEET OF SHEETS STA. TO STA.

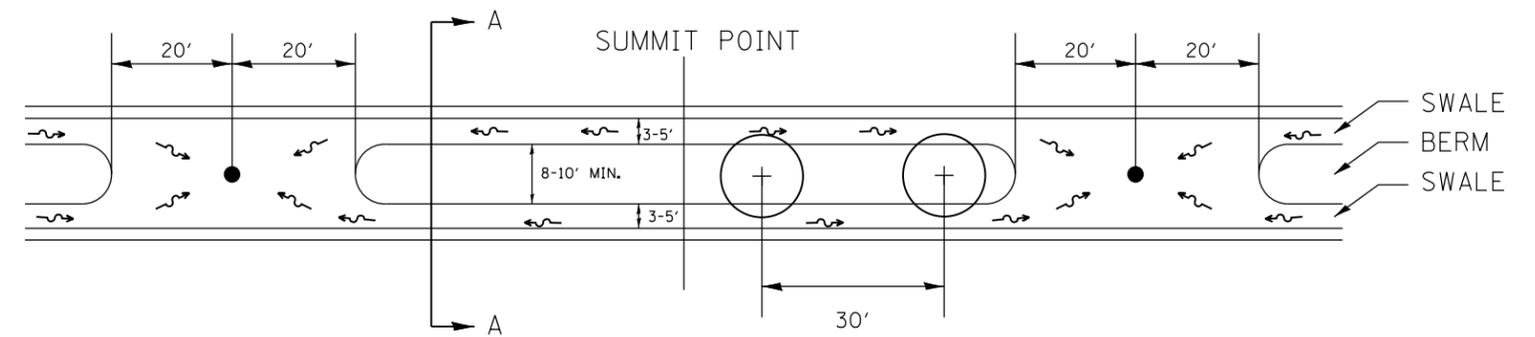
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344	540R-RS-3	DUPAGE	38	23
CONTRACT NO. 60V54				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES:

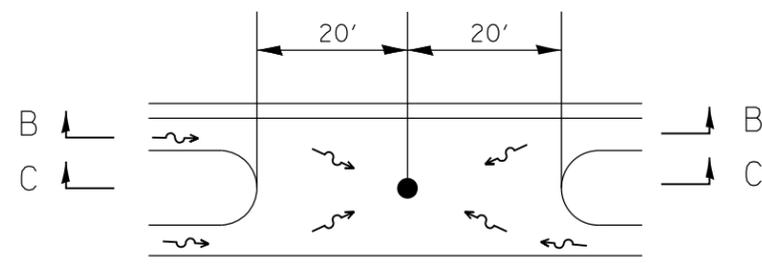
1. PROPOSED TREES LOCATED IN THE MEDIAN SHALL BE SPACED AT 30' INTERVALS IN AN ALTERNATING PATTERN FOR THE TREE SPECIES LISTED IN THE LANDSCAPING SCHEDULE.
2. BERM SUMMITS SHALL BE LOCATED MIDWAY BETWEEN EXISTING MEDIAN DRAINAGE STRUCTURES.
3. EROSION CONTROL BLANKET AND FERTILIZER NUTRIENTS (NITROGEN, PHOSPHORUS AND POTASSIUM) TO BE APPLIED TO ALL SEEDING AREAS
4. LONGITUDINAL SLOPES SHALL BE GRADED SUCH THAT STORM WATER RUNOFF WILL BE DIRECTED TOWARD DRAINAGE STRUCTURES WITH A MAXIMUM SLOPE OF 1 PERCENT
5. THE PROPOSED SWALE SHALL HAVE A MINIMUM WIDTH OF 3 FEET
6. CONCRETE MEDIAN SURFACES TO BE REMOVED AND REPLACED WITH LANDSCAPED MEDIANS AT STA 944+42 TO STA. 976+75 WILL BE REQUIRED TO HAVE SAME DAY STABILIZATION

LANDSCAPE DETAIL LEGEND:

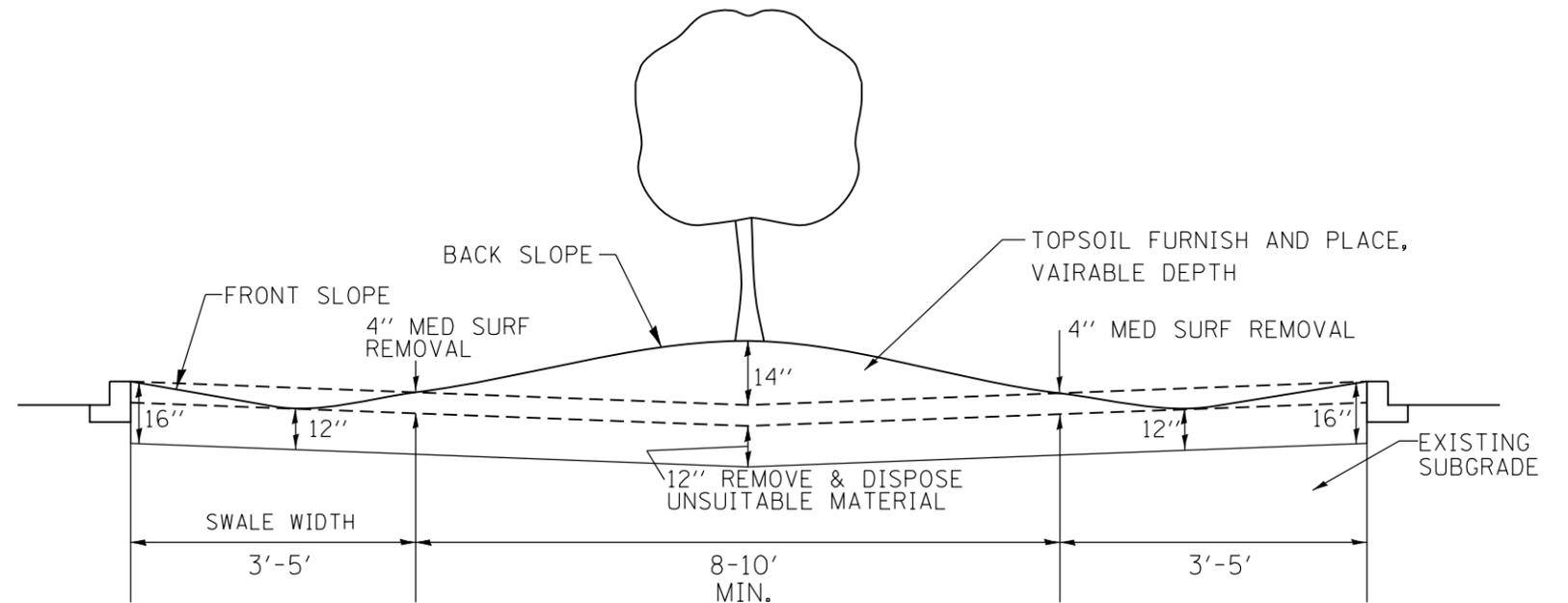
- ⊕ PROPOSED TREE AT 30' CENTER TO CENTER SPACING (SEE PROPOSED TREE SCHEDULE)
- ~ PROPOSED FLOW LINES FOR LANDSCAPED MEDIANS
- EXISTING DRAINAGE STRUCTURE



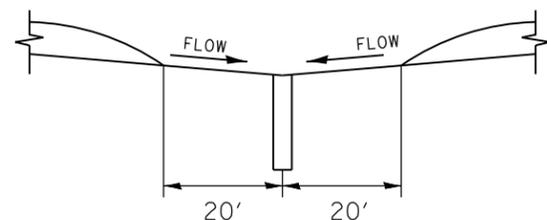
LANDSCAPE MEDIAN PLAN VIEW (NTS)



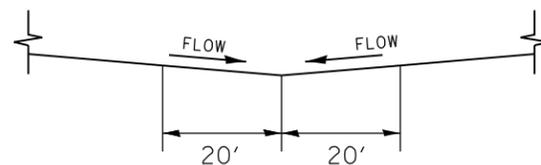
PLAN VIEW



SECTION A-A: LANDSCAPE MEDIAN ELEVATION (NTS)



SECTION C-C



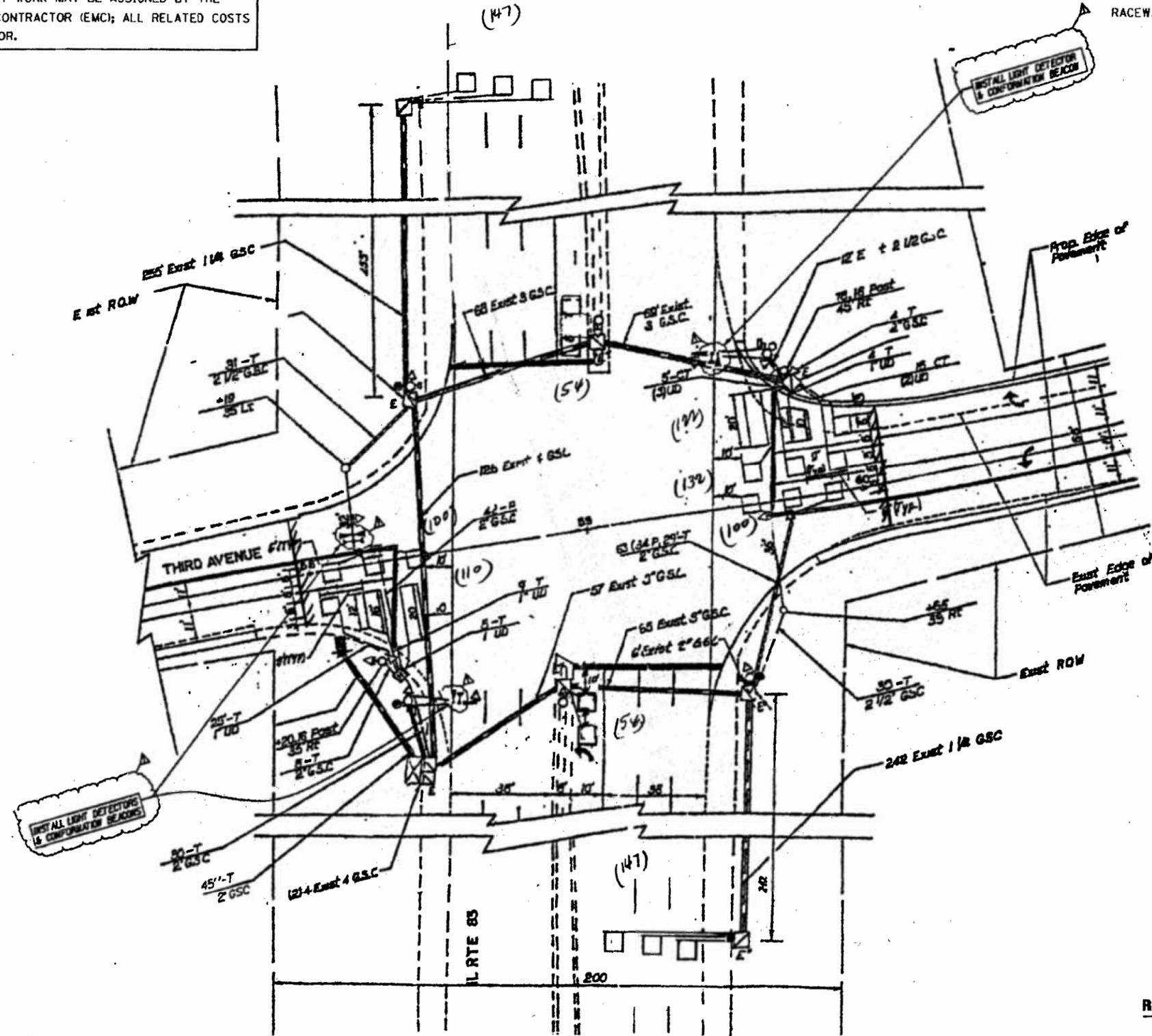
SECTION B-B

FRONT SLOPE (V:H)	MINIMUM SWALE WIDTH	BACK SLOPE (V:H)
1:5	3'-5'	1:7

WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS". SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS "INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT" FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS SHALL NOT BE PAID. WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD		
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED		
DETECTOR LOOP		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		



THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

REPLACE ALL DETECTOR LOOPS AS SHOWN (WITHIN THE RESURFACING LIMITS)

CODE	QUANTITY	UNIT	ITEM
88600600	966 ✓	FOOT	DETECTOR LOOP, REPLACEMENT

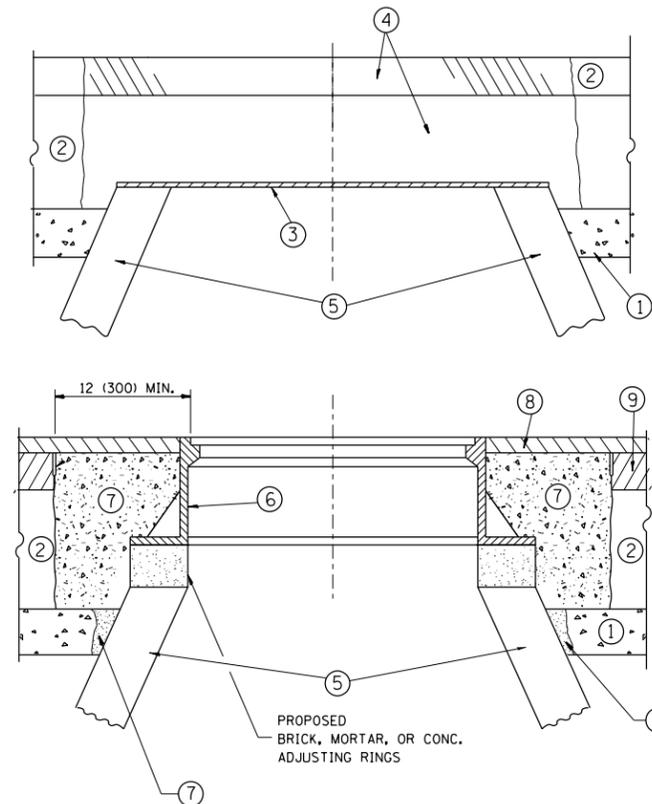
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\$MODELNAME\$	PLOT DATE = 2/20/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE - DETECTOR LOOP REPLACEMENT
IL 83 AT THIRD AVENUE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3	DUPAGE	38	24
			CONTRACT NO. 60V54	
ILLINOIS FED. AID PROJECT				



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 A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

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-1* 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-1* 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:

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)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

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.

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.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

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.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

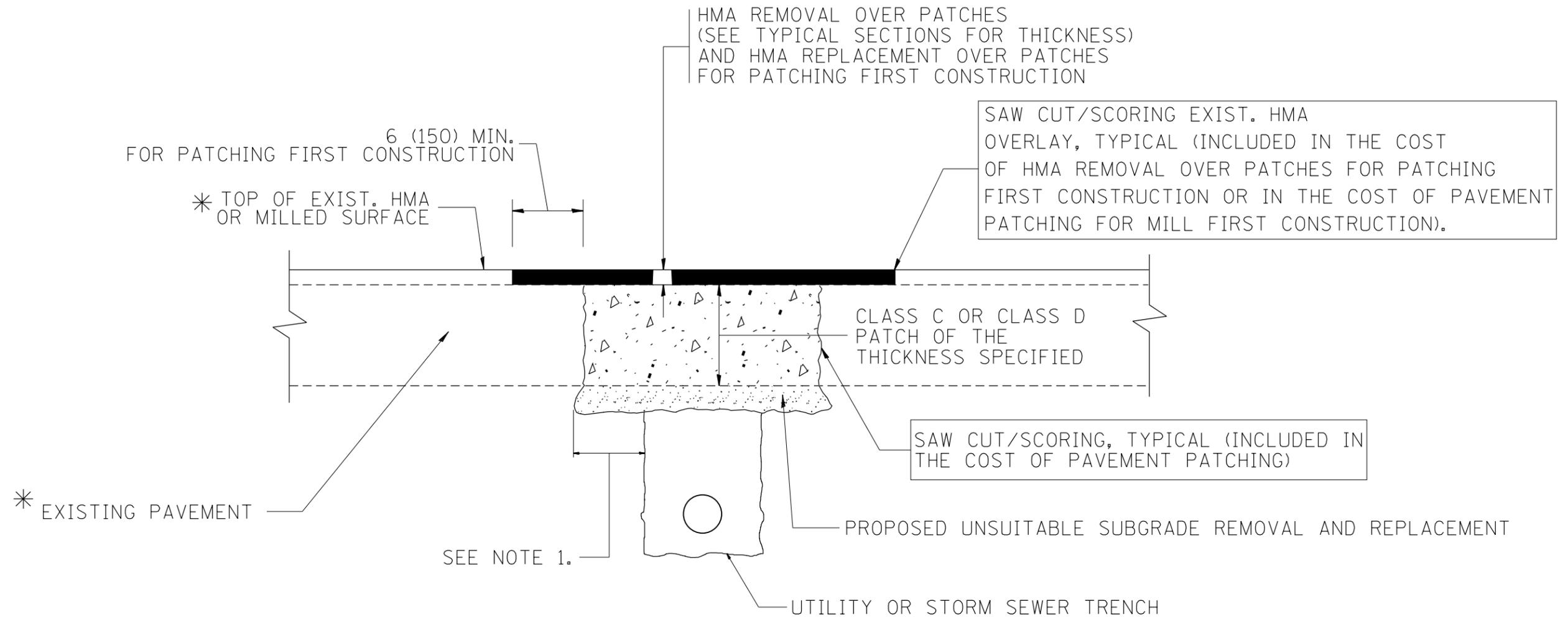
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = reichenbachr1	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 2/20/2013	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3	DUPAGE	38	26
BD600-03 (BD-8)		CONTRACT NO. 60V54		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

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 1/2 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.

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	PLOT DATE = 2/20/2013	DATE - 10-25-94	REVISED - K. ENG 10-27-08

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3	DUPAGE	38	27
BD400-04 (BD-22)			CONTRACT NO. 60V54	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

1/4" (5) **

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

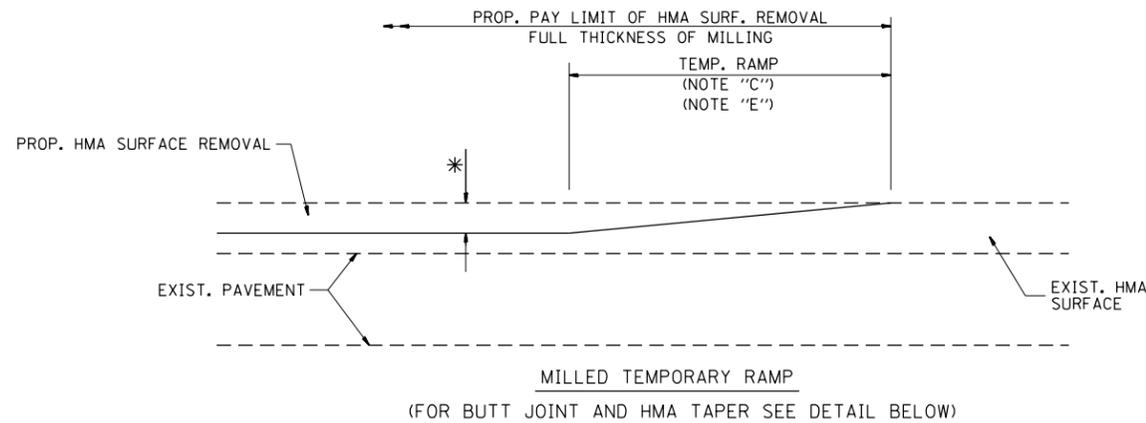
PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

BASIS OF PAYMENT:
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

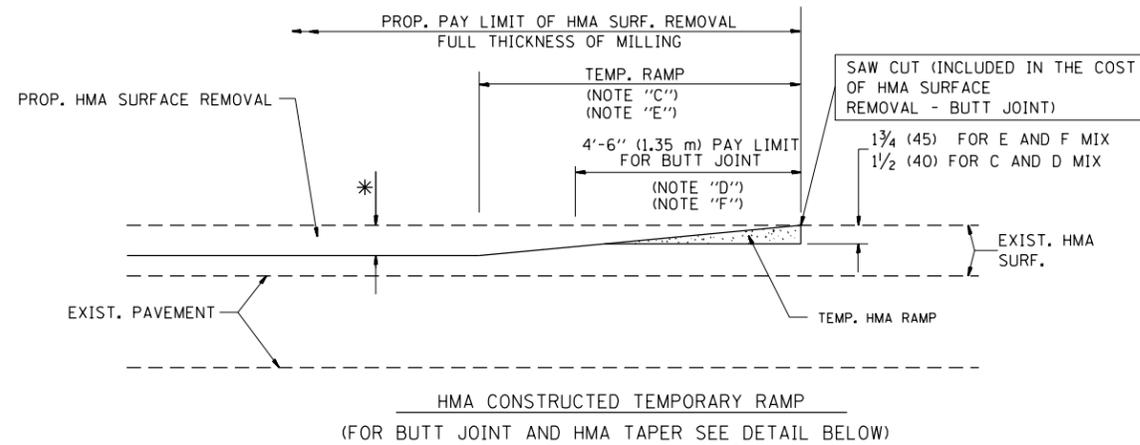
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = reichenbachr1	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p1dot\reichenbachr1\d0315608\DistStd.dgn	DRAWN -	REVISED - A. ABBAS 03-21-97	REVISED - M. GOMEZ 01-22-01			344	540R-RS-3	DUPAGE	38	28
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - R. BORO 12-15-09				BD600-06 (BD-24)		CONTRACT NO. 60V54		
PLOT DATE = 2/20/2013	DATE - 03-11-94					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

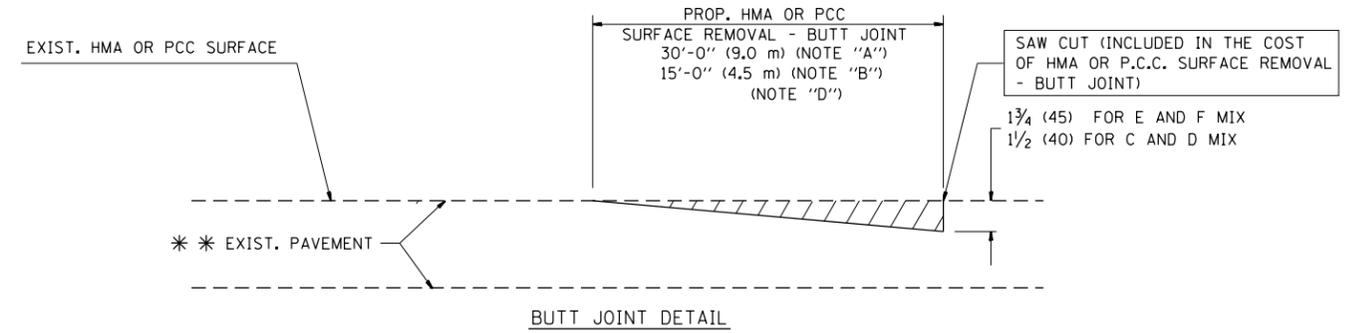


OPTION 1

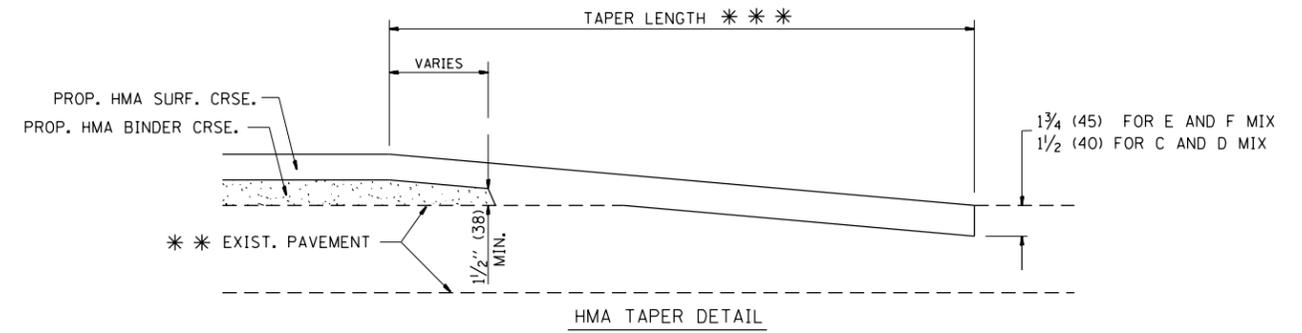


OPTION 2

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.

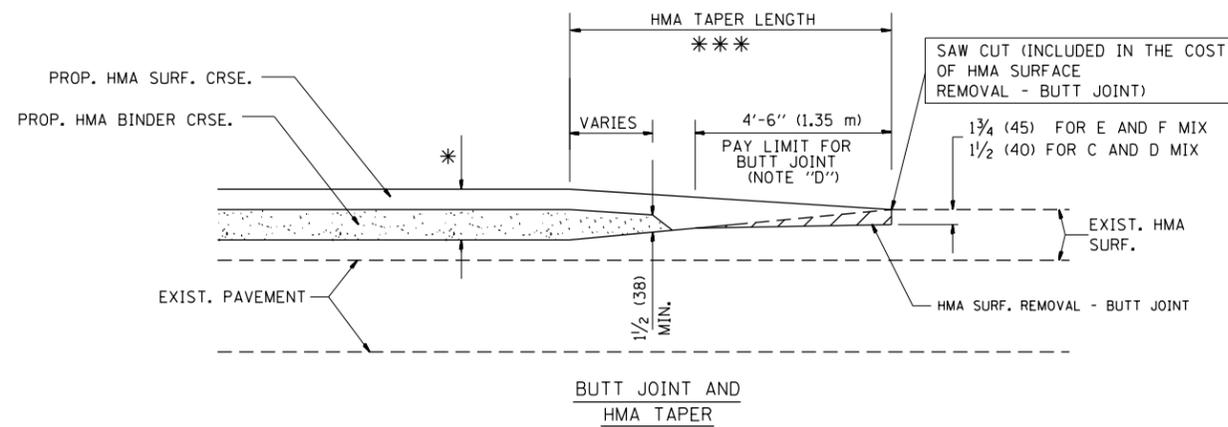
NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - 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'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 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:

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".

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



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

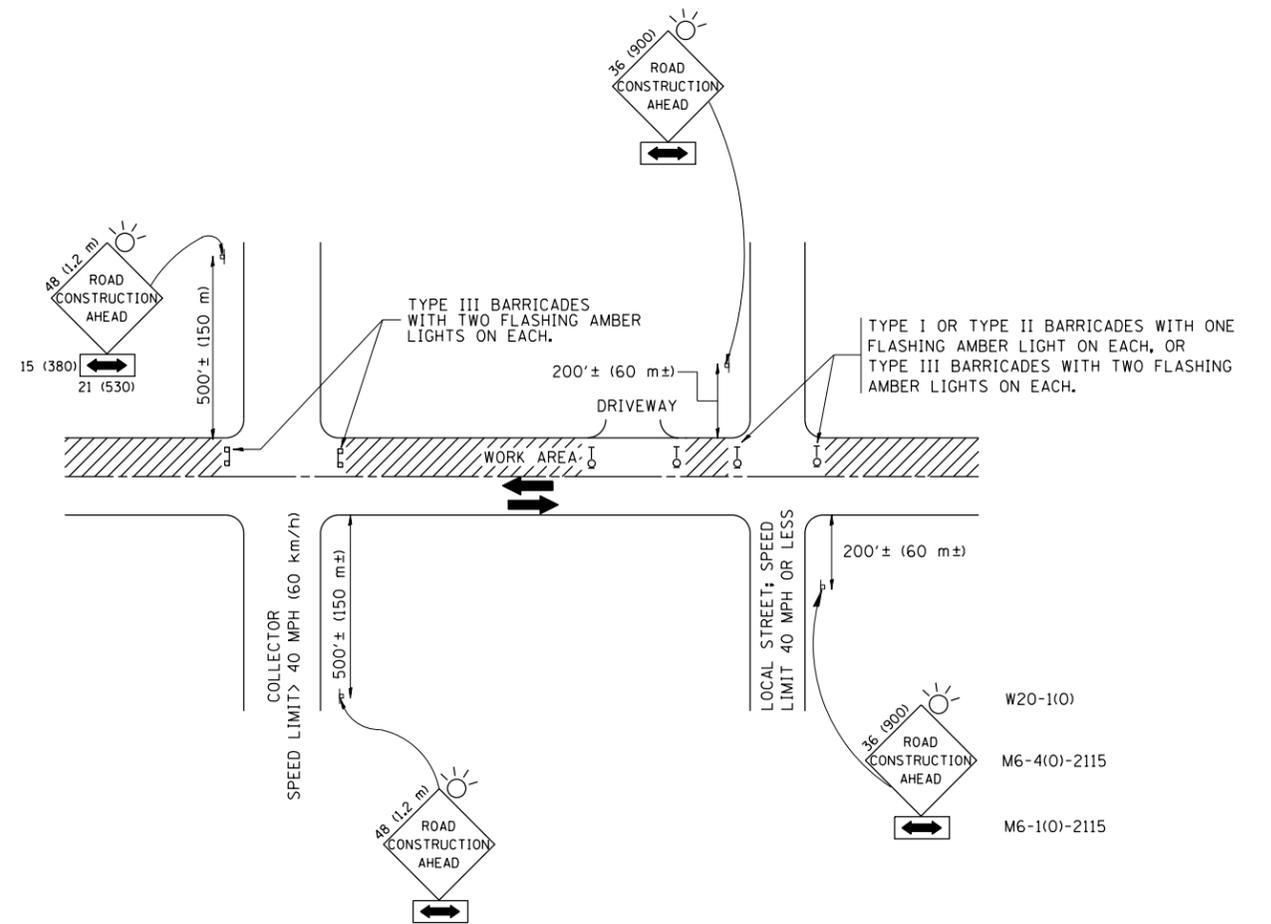
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 2/20/2013	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3	DUPAGE	38	29
BD400-05 BD32		CONTRACT NO. 60V54		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

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 AND FLAG 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. 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).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

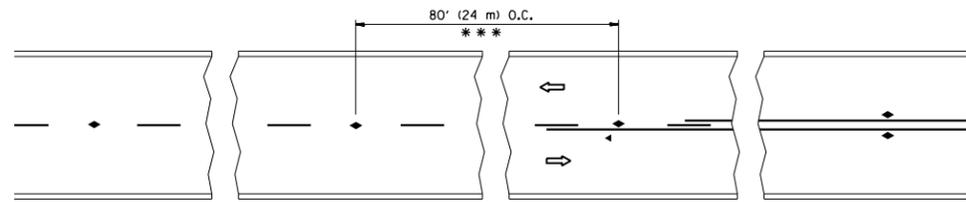
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 2/20/2013	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

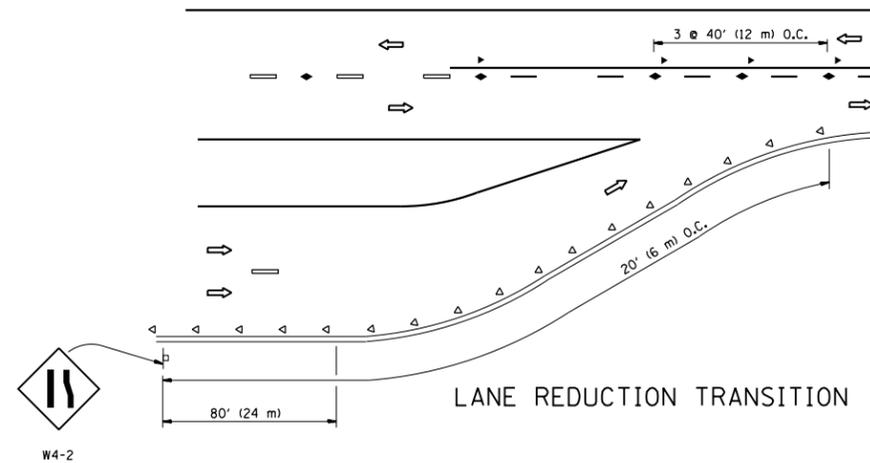
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 60V54	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

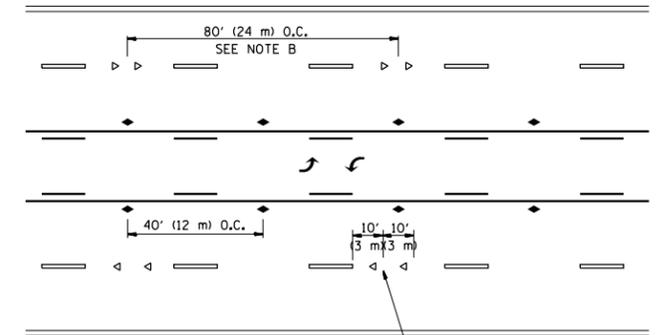


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

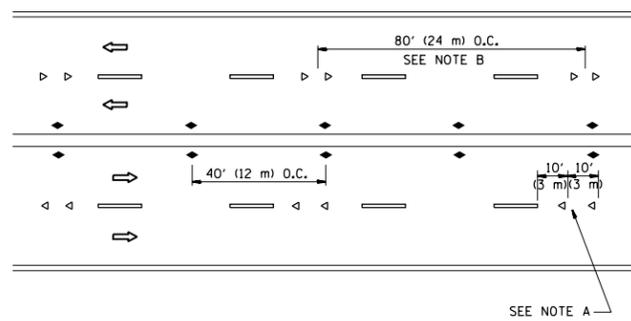
TWO-LANE/TWO-WAY



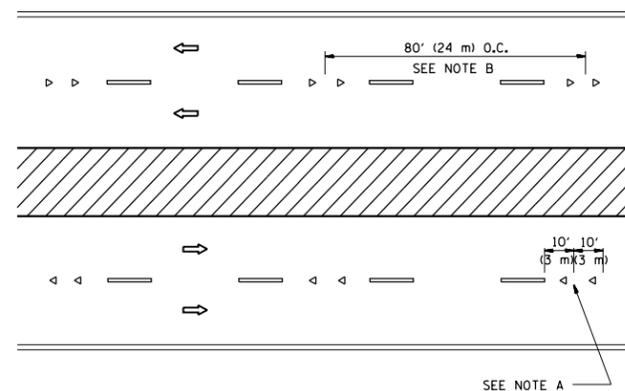
LANE REDUCTION TRANSITION



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.

SYMBOLS

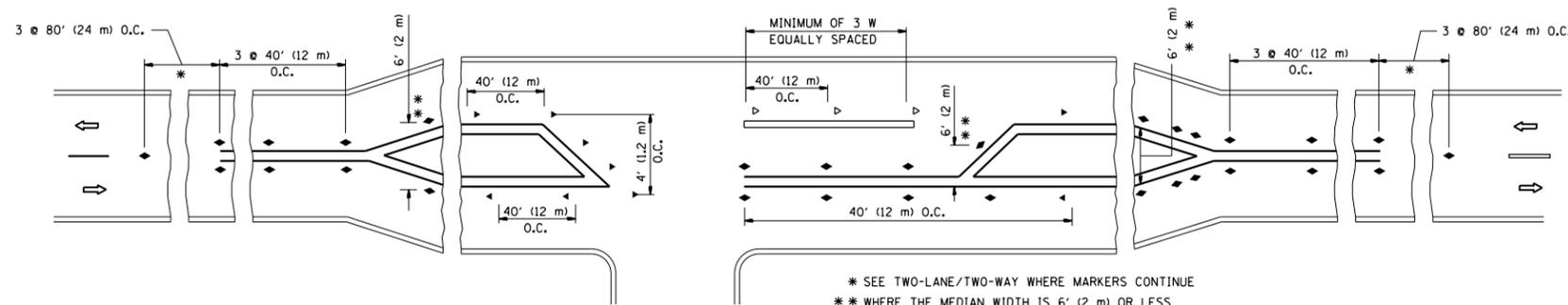
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.



LEFT TURN

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

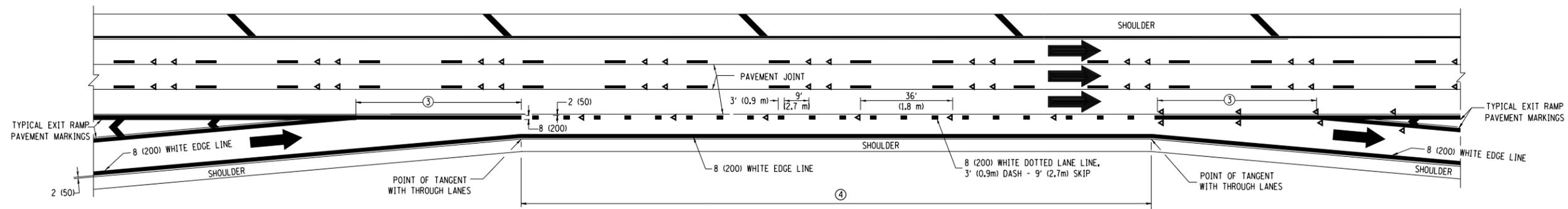
All dimensions are in inches (millimeters) unless otherwise shown.

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et:\pwork\pwork\reichenbachr1\d0315608\DistStd.dgn		DRAWN -	REVISED - T. RAMMACHER 03-12-99
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED - T. RAMMACHER 01-06-00
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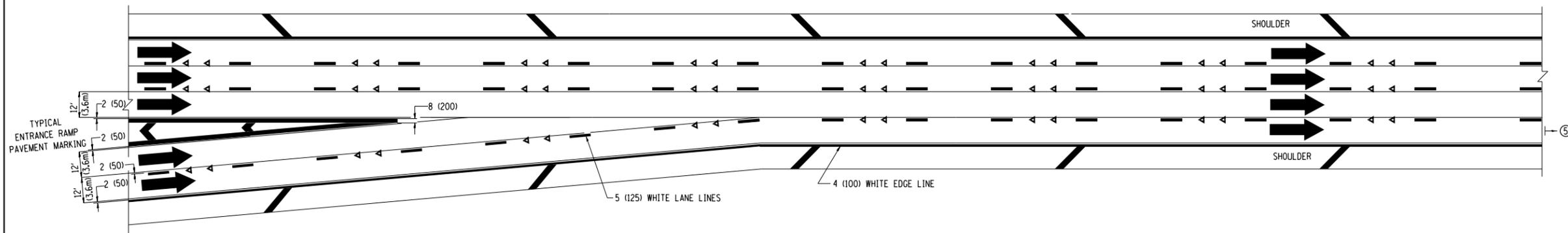
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS			
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

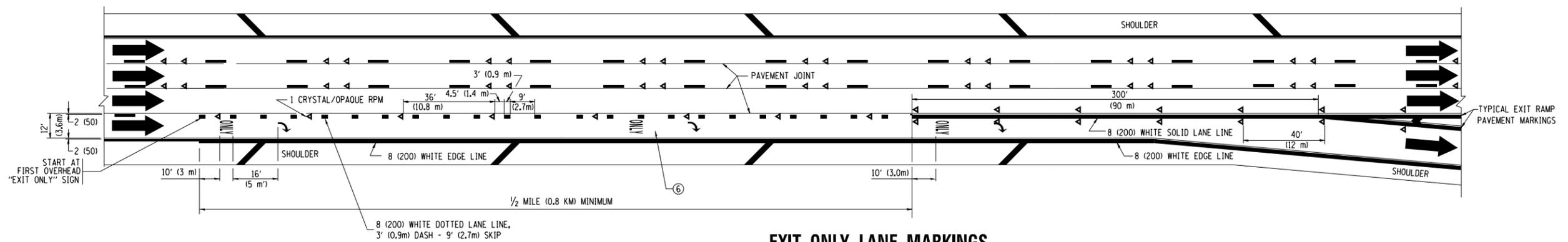
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-11			CONTRACT NO. 60V54	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



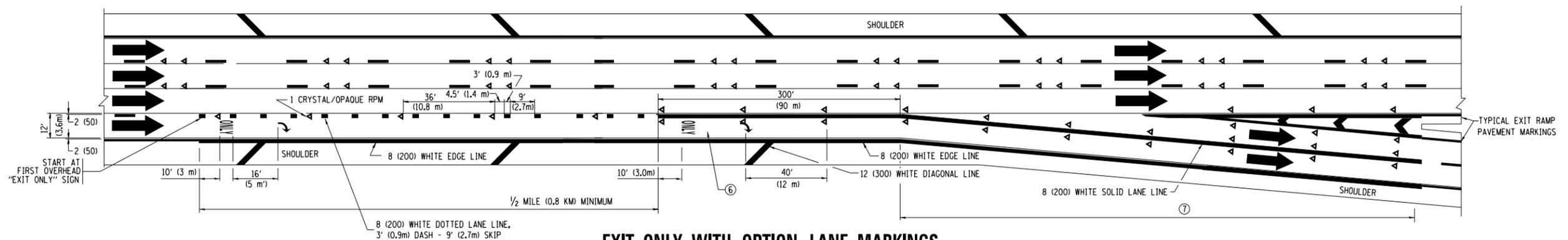
AUXILIARY LANE MARKINGS



TWO LANE ENTRANCE RAMP WITH MERGE MARKINGS



EXIT ONLY LANE MARKINGS



EXIT ONLY WITH OPTION LANE MARKINGS

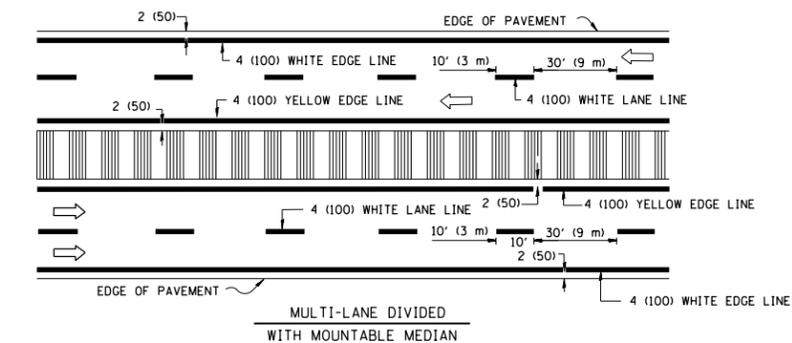
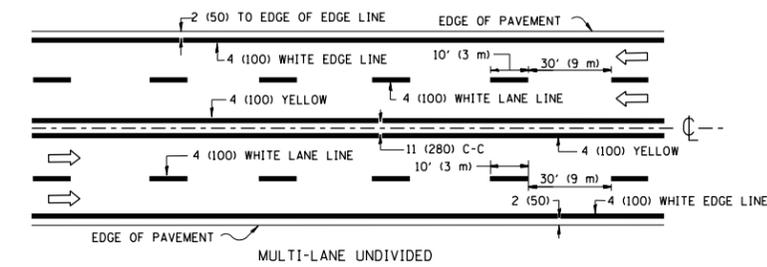
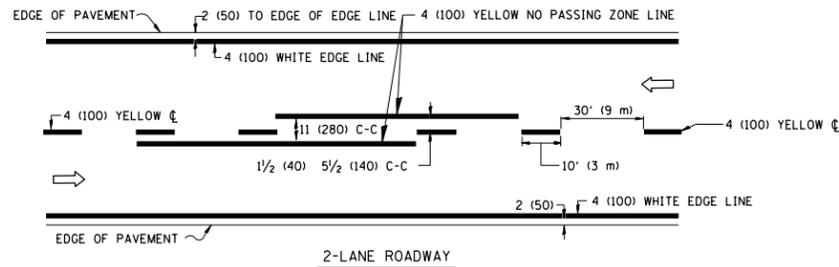
- NOTES**
- ③ OMIT WHEN LENGTH OF AUXILIARY LANE IS LESS THAN 500' (150 m).
 - ④ 8-INCH WIDE DOTTED LANE LINE MARKINGS SHALL BE USED WHEN THE LENGTH OF THE AUXILIARY LANE IS 2 MILES OR LESS.
 - ⑤ FOR TWO-LANE ENTRANCE RAMP, IF RIGHT LANE ENDS, USE TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS.
 - ⑥ ONLY AND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

FILE NAME =	USER NAME = rechenbach1	DESIGNED - D.W.S.	REVISED - D.W.S. 07-96
ei:\pw\work\p1dot\rechenbach1\d0315608	DistStd.dgn	DRAWN -	REVISED - J.A.F. 02-06
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

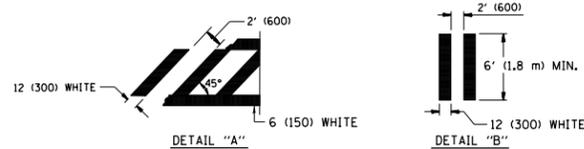
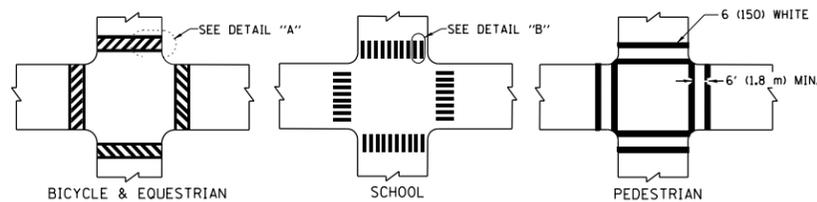
MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS			
SCALE: NONE	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-12		CONTRACT NO. 60V54		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

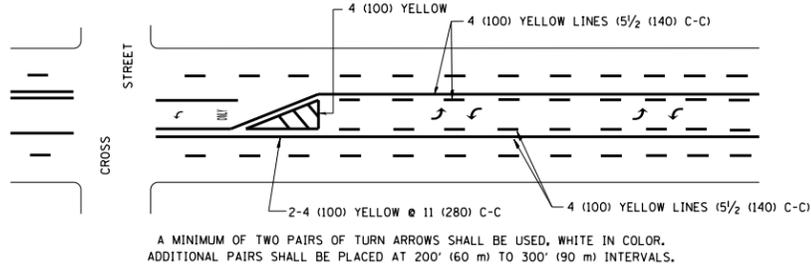
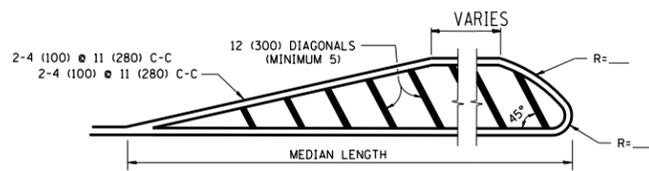
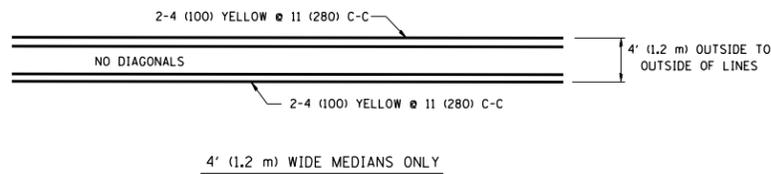


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

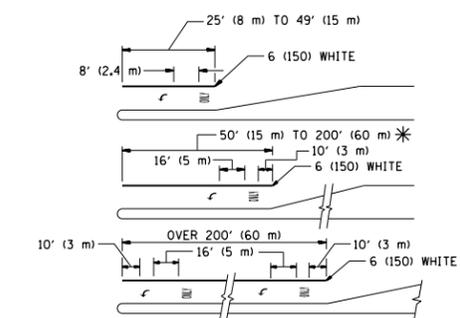


TYPICAL CROSSWALK MARKING



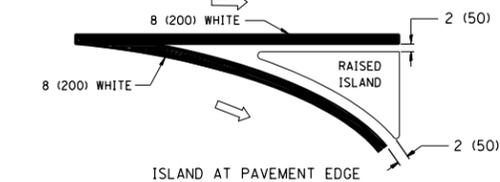
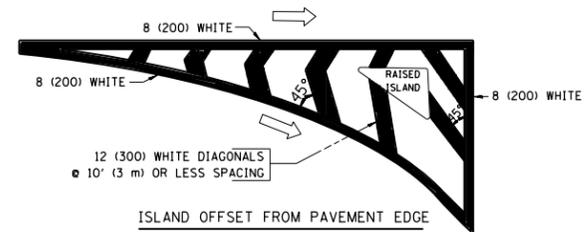
TYPICAL PAINTED MEDIAN MARKING

TYPICAL LEFT (OR RIGHT) TURN LANE



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 * 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".

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

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	4 (100)	SOLID	YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE
NO PASSING ZONE LINES: FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	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 MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
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 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" 15 6' (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) EACH
SHOULDER DIAGONALS	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))

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

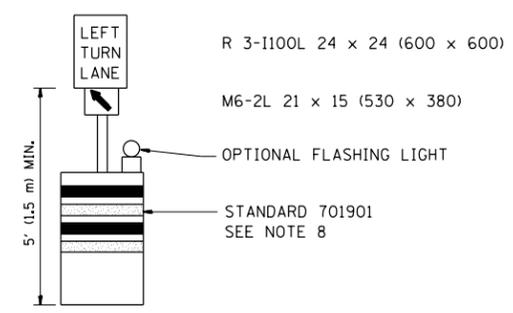
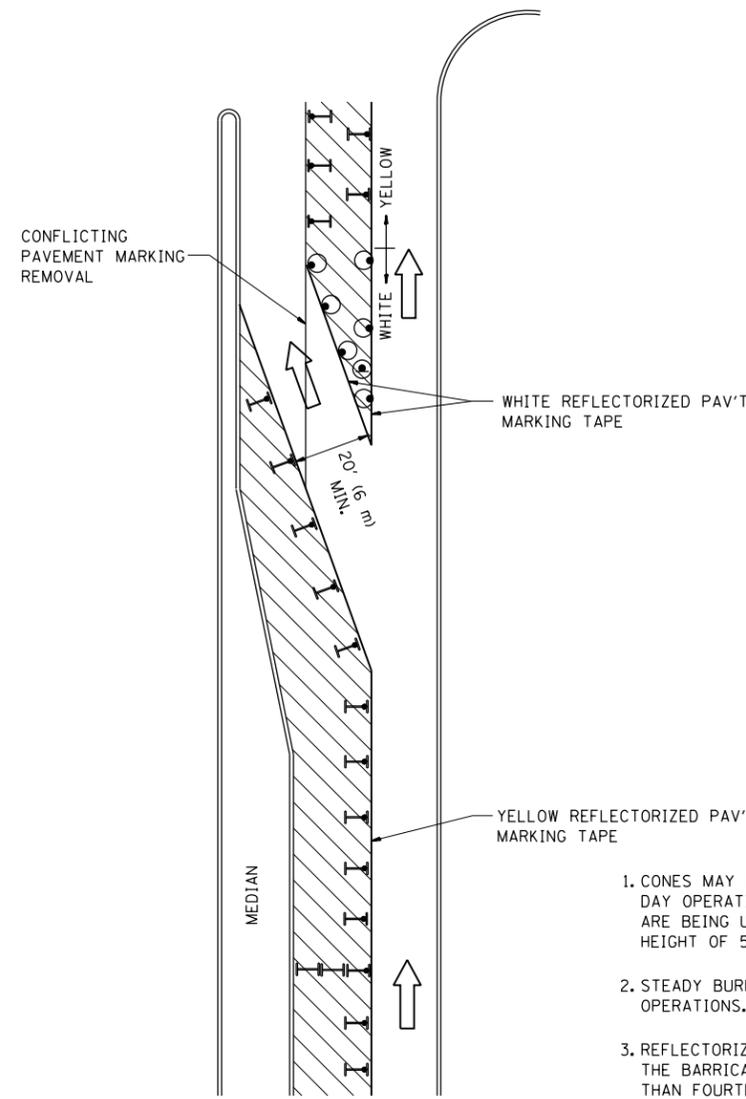
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = rechenbachr1	DESIGNED - EVERS	REVISED -T. RAMMACHER 10-27-94
et:\pw\work\p1dot\rechenbachr1\d0315608	DistStd.dgn	DRAWN -	REVISED -C. JUCIUS 09-09-09
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/20/2013	DATE - 03-19-90	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE			
TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3	DUPAGE	38	34
TC-13		CONTRACT NO. 60V54		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



GENERAL NOTES

1. 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. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. 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" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 PREQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

LEGEND

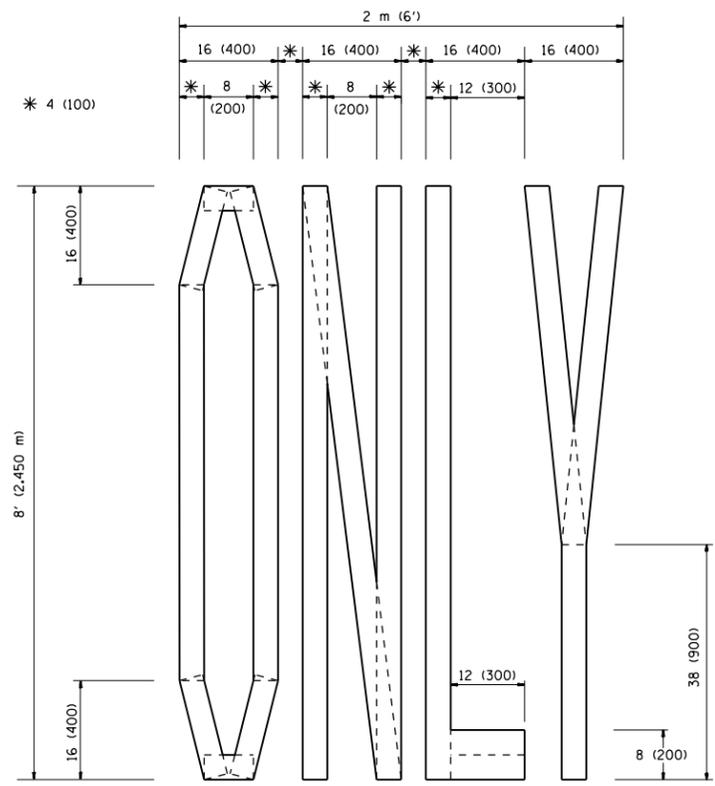
-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

FILE NAME =	USER NAME = reichenbachr1	REVISED -T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
et:\pw\work\p1dot\reichenbachr1\d0315608	DistStd.dgn	REVISED - A. HOUSEH 11-07-95	REVISED -
	PLOT SCALE = 100.0000' / in.	REVISED - A. HOUSEH 10-12-96	REVISED -
	PLOT DATE = 2/20/2013	REVISED -T. RAMMACHER 01-06-00	REVISED -

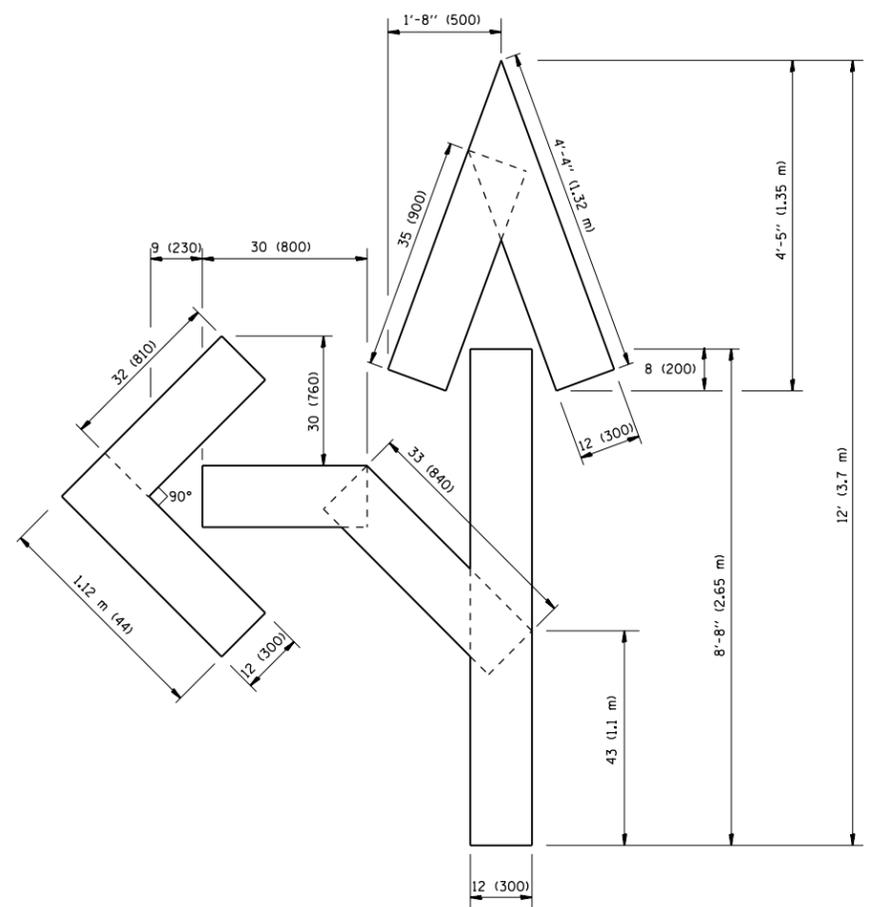
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

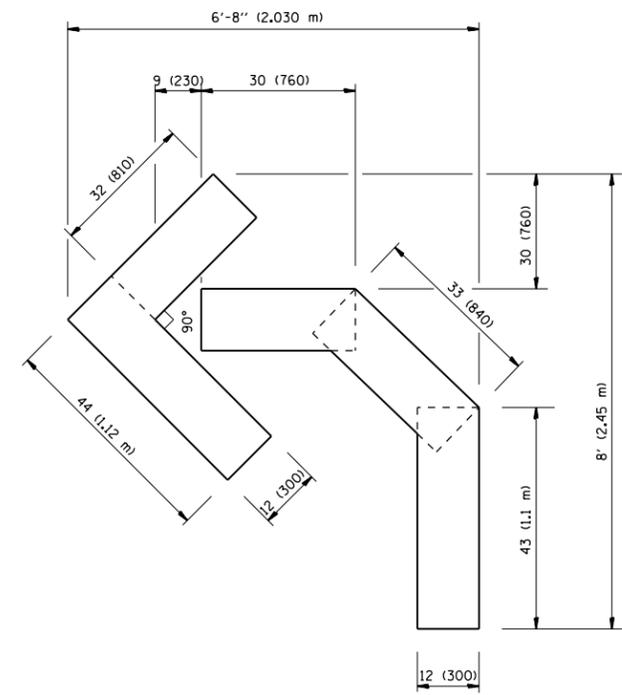
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3	DUPAGE	38	35
TC-14			CONTRACT NO. 60V54	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



QUANTITY
 4 (100) LINE = 64.1 ft. (19.7 m)
 21.1 sq. ft. (1.97 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.3 m)
 27.5 sq. ft. (2.53 sq. m)



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.39 sq. m)

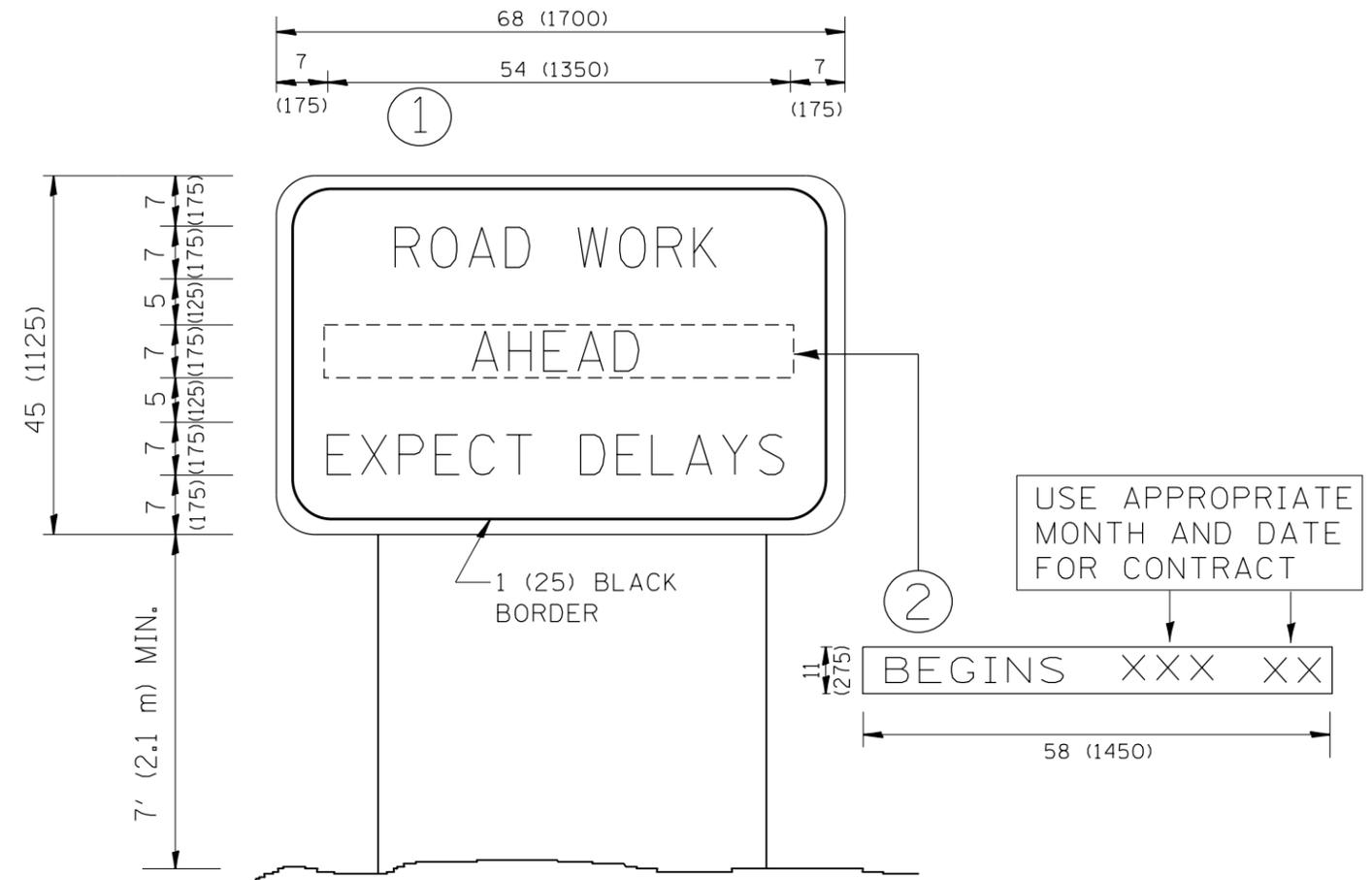
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = reichenbachr1	DESIGNED -	REVISED -T. RAMMACHER 06-05-96
et:\pwork\pwork\reichenbachr1\d0315608	DistStd.dgn	DRAWN -	REVISED -T. RAMMACHER 11-04-97
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -T. RAMMACHER 03-02-98
	PLOT DATE = 2/20/2013	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3		38	36
TC-16			CONTRACT NO. 60V54	
FED. ROAD DIST. NO. 1 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.

FILE NAME =	USER NAME = reichenbachr1	DESIGNED -	REVISED - R. MIRS 09-15-97
et:\pwork\pwork\reichenbachr1\d0315608	DistStd.dgn	DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 2/20/2013	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

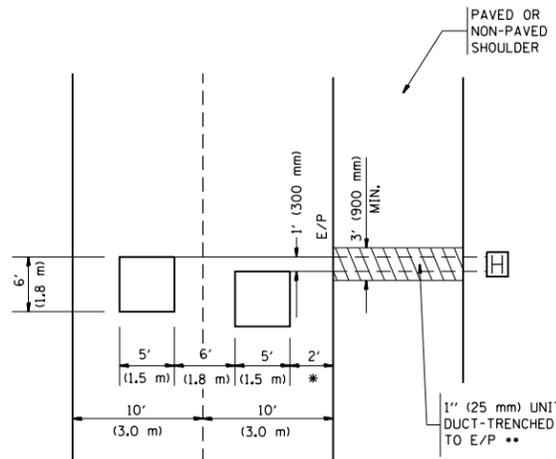
**ARTERIAL ROAD
INFORMATION SIGN**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3	DUPAGE	38	37
TC-22			CONTRACT NO. 60V54	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.



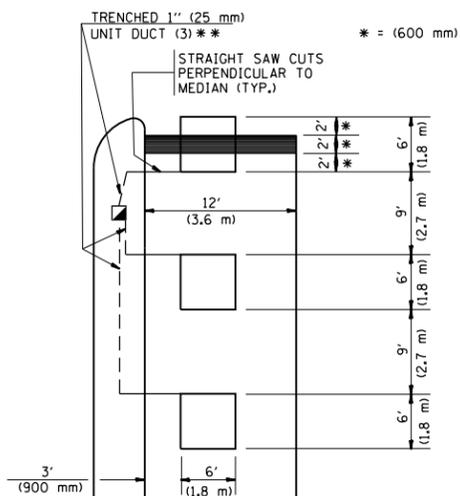
* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH

(PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.

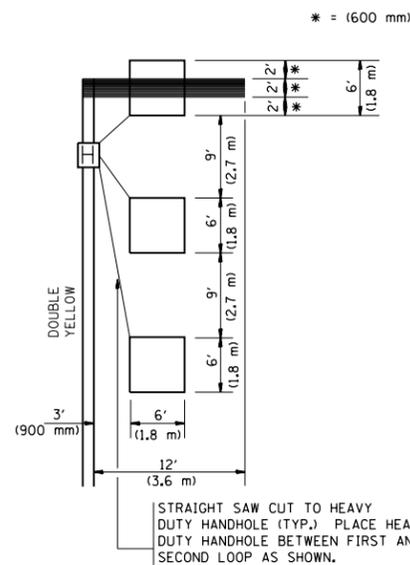


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

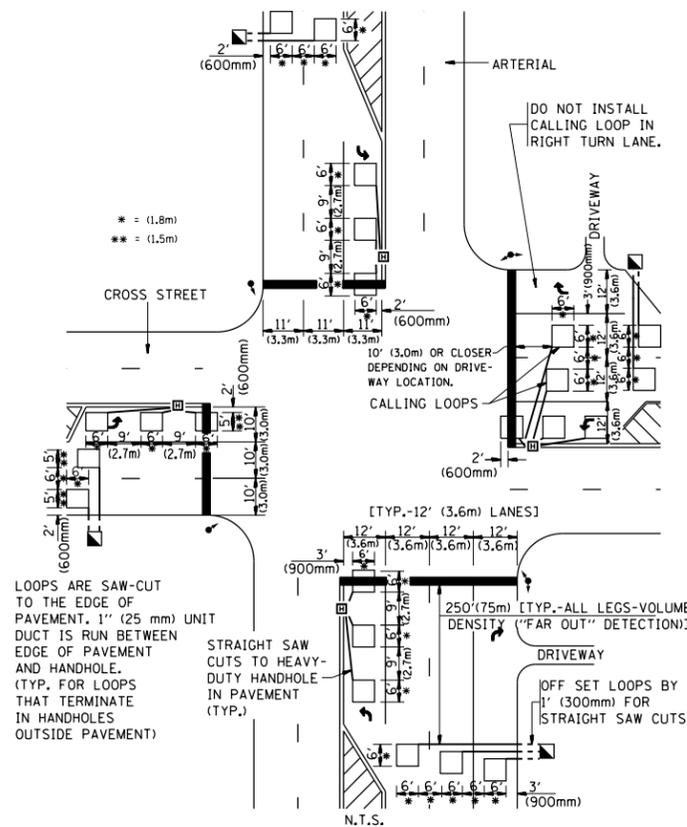
LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH

(PROTECTED / PERMITTED LEFT TURN PHASING)



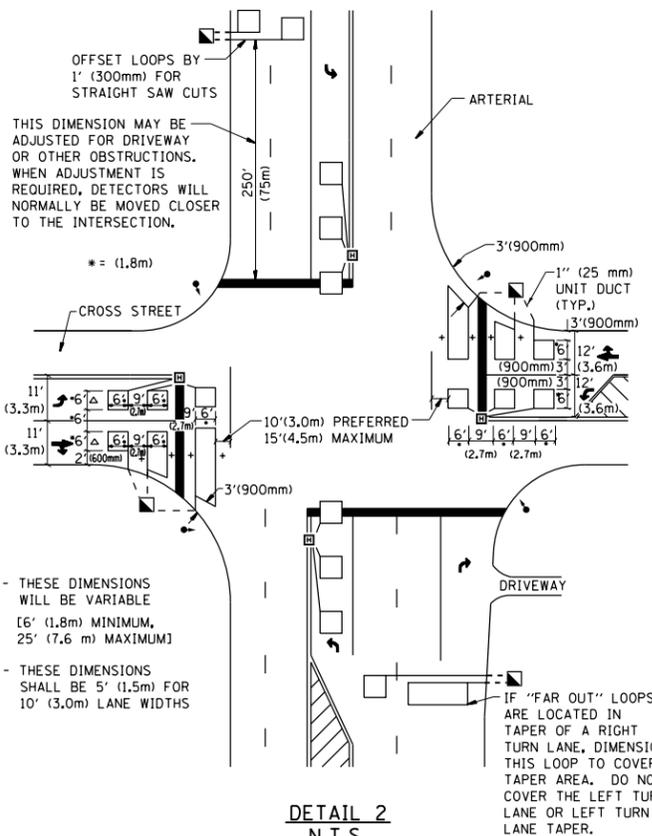
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)



DETAIL 1
N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



DETAIL 2
N.T.S.

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

FILE NAME =	USER NAME = rechenbachr1	DESIGNED -	REVISED -
et:\pw_work\p1dot\rechenbachr1\d0315608	DistStd.dgn	DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED - R.K.F.	REVISED -
	PLOT DATE = 2/20/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-3	DUPAGE	38	38
TS-07		CONTRACT NO. 60V54		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				