

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(44, 48, 46EXT.&52) RS-4	KANE	56	1
ILLINOIS			CONTRACT NO. 62B89	

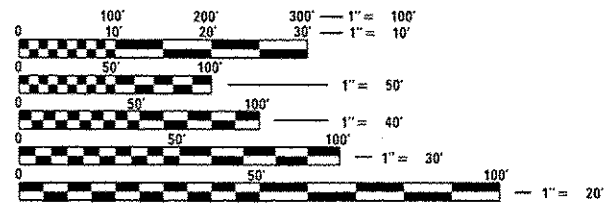
PROPOSED HIGHWAY PLANS

F.A.U. ROUTE 2503: IL ROUTE 25
WILSON ST. TO N. OF STATE AVENUE
SECTION (44, 48, 46EXT.&52) RS-4
PROJECT: STP-2503(019)
RESURFACING (3P), PEDESTRIAN RAMPS
KANE COUNTY

THE IMPROVEMENT IS LOCATED IN
THE CITIES OF BATAVIA, GENEVA, AND
ST. CHARLES

TRAFFIC DATA:
2016 ADT = 9,350
POSTED SPEED LIMIT = 30-50 MPH

BRIDGE PCC SURFACE OMISSION:
STA. 128+88.5 TO STA. 131+47
IL 38 INTERSECTION OMISSION:
STA. 149+69 TO STA. 151+30
ROADWAY PCC SURFACE OMISSION:
STA. 255+68.5 TO STA. 256+83.3



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

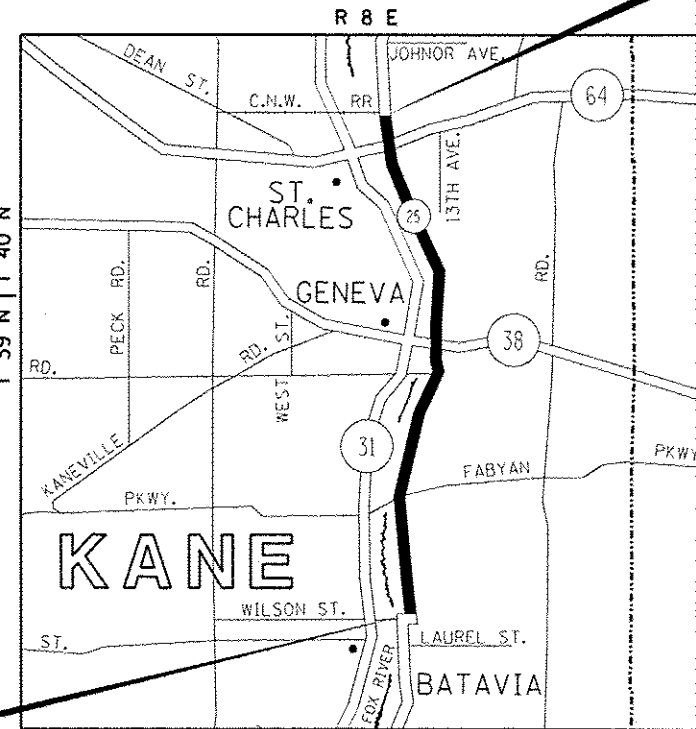
PROJECT ENGINEER KARI SMITH (847) 705-4437
PROJECT MANAGER FAWAD AQUEEL (847) 705-4247

CONTRACT NO. 62B89

C-91-174-16

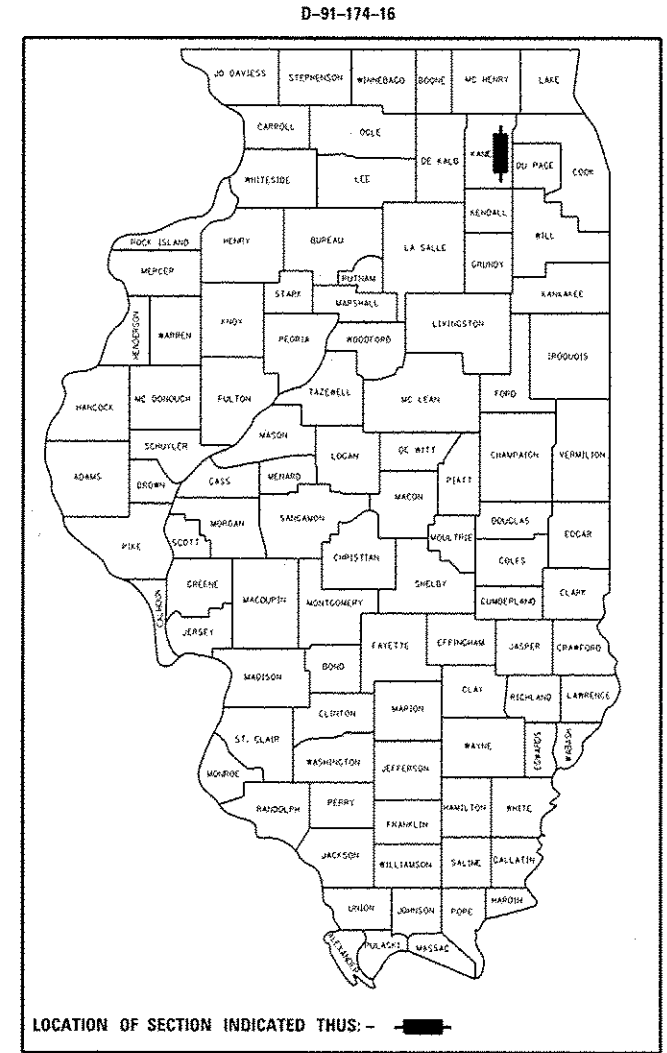
IMPROVEMENT ENDS
STA. 263 + 98.3

IMPROVEMENT BEGINS
STA. 10 + 28



BATAVIA, GENEVA, AND ST. CHARLES TOWNSHIPS

GROSS LENGTH = 25,370.3 FT. = 4.80 MILES
NET LENGTH = 24,836 FT. = 4.70 MILES



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED February 16, 2017
Regional Engineer
March 24, 2017
Engineer of Design and Environment
March 24, 2017
Director of Program Development

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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STATE HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-09	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-02	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-03	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
604001-04	FRAMES AND LIDS TYPE 1
604091-03	FRAME AND GRATE TYPE 24
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701336-06	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS > 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-07	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-06	TRAFFIC CONTROL DEVICES
814001-03	HANDHOLES

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION REQUIRED)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITIES OF BATAVIA, GENEVA, AND ST. CHARLES.
- FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- THE CONTRACTOR SHALL CONTACT DISTRICT ONE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.
- UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURE AS DETERMINED AND APPROVED IN WRITING BY THE RESIDENT ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER/TECHNICIAN.
- DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- FOR FRAMES AND LIDS ADJUSTMENT WITHOUT MILLING, REUSE EXISTING FRAME AND LID UNLESS OTHERWISE SPECIFIED IN THE PLANS.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS, AND 1 INCH WHERE THE SPEED LIMIT IS OVER 45 MPH. WITH WRITTEN APPROVAL FROM THE RESIDENT ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1V:3H.
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- THE RESIDENT ENGINEER SHALL CONTACT DON CHIARUGI, AREA TRAFFIC FIELD ENGINEER VIA E-MAIL AT don.chiarugi@illinois.gov, A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE RESIDENT ENGINEER.
- ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
- PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY DETECTOR LOOPS DAMAGED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
- LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (OR COMBINATION CURB AND GUTTER (THE TYPE SPECIFIED IN THE PLANS)), WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

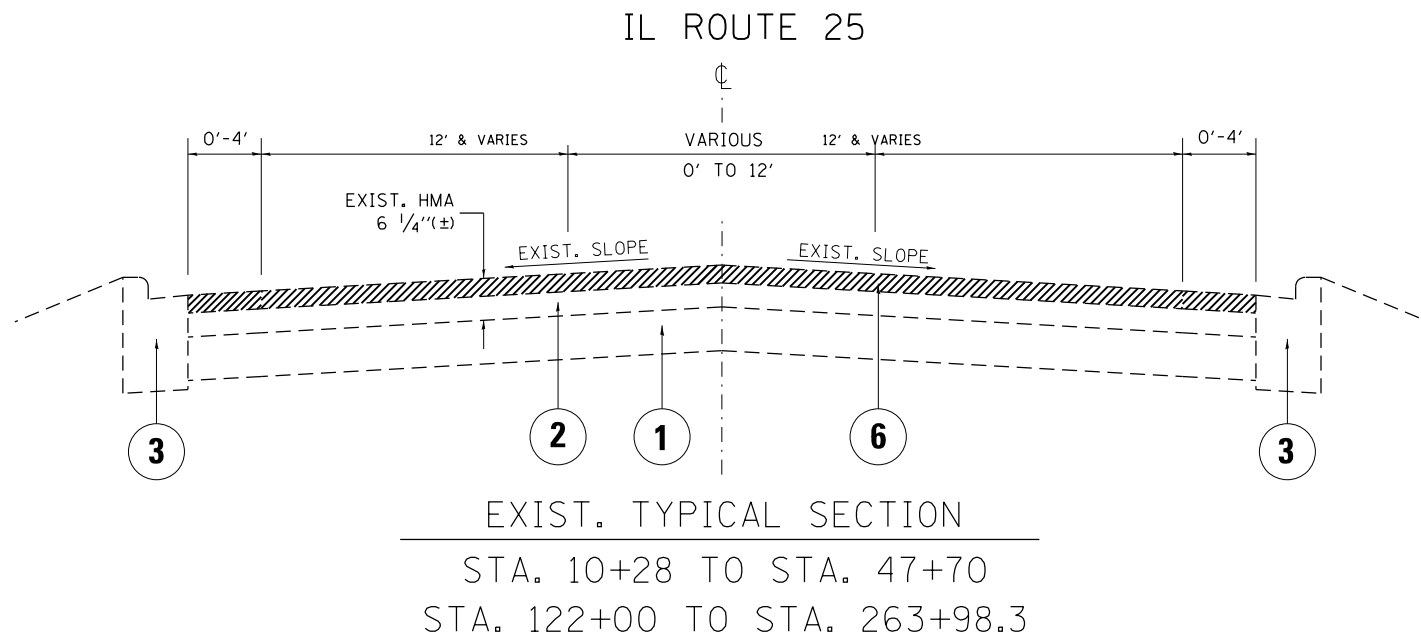
SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005				
20200100	EARTH EXCAVATION	CU YD	205	205				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	158	158				
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	3	3				
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	3	3				
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	3	3				
25200110	SODDING, SALT TOLERANT	SQ YD	158	158				
25200200	SUPPLEMENTAL WATERING	UNIT	2	2				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	59461	59461				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	133	133				
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), 1L-4.75, N50	TON	3700	3700				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	844	844				
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	7400	7400				
42001300	PROTECTIVE COAT	SQ YD	1160	1160				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	6743	6743				
42400800	DETECTABLE WARNINGS	SO FT	660	660				
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	88090	88090				
44000600	SIDEWALK REMOVAL	SO FT	6743	6743				
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SO YD	1300	1300				
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SO YD	1700	1700				
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SO YD	1300	1300				
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	240	240				
60250200	CATCH BASINS TO BE ADJUSTED	EACH	10	10				
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	20	20				
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	35	35				
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	205	205				
66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1				
66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6				

* Specialty Item

LEGEND

- ① EXISTING P.C.C PAVEMENT, ± 9"
- ② EXISTING HMA SURFACE AFTER MILLING, ± 4"
- ③ EXISTING COMB. CONCRETE CURB & GUTTER
- ④ EXISTING HMA SHOULDER
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- ⑦ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑧ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑨ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑩ PROPOSED GRADING AND SHAPING SHOULDERS



HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDes	QMP
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ROADWAY RESURFACING:

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	4% AT 70 GYR.	QCP
POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% AT 50 GYR.	QCP

HOT-MIX ASPHALT PATCHING:

CLASS D PATCHES (HMA BINDER IL-19 mm)	4% AT 70 GYR.	QC/QA
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QMP Designation: Quality Control/Quality Assurance (QC/QA); Quality Control for Performance (QCP); Pay for Performance (PFP)

NOTES:

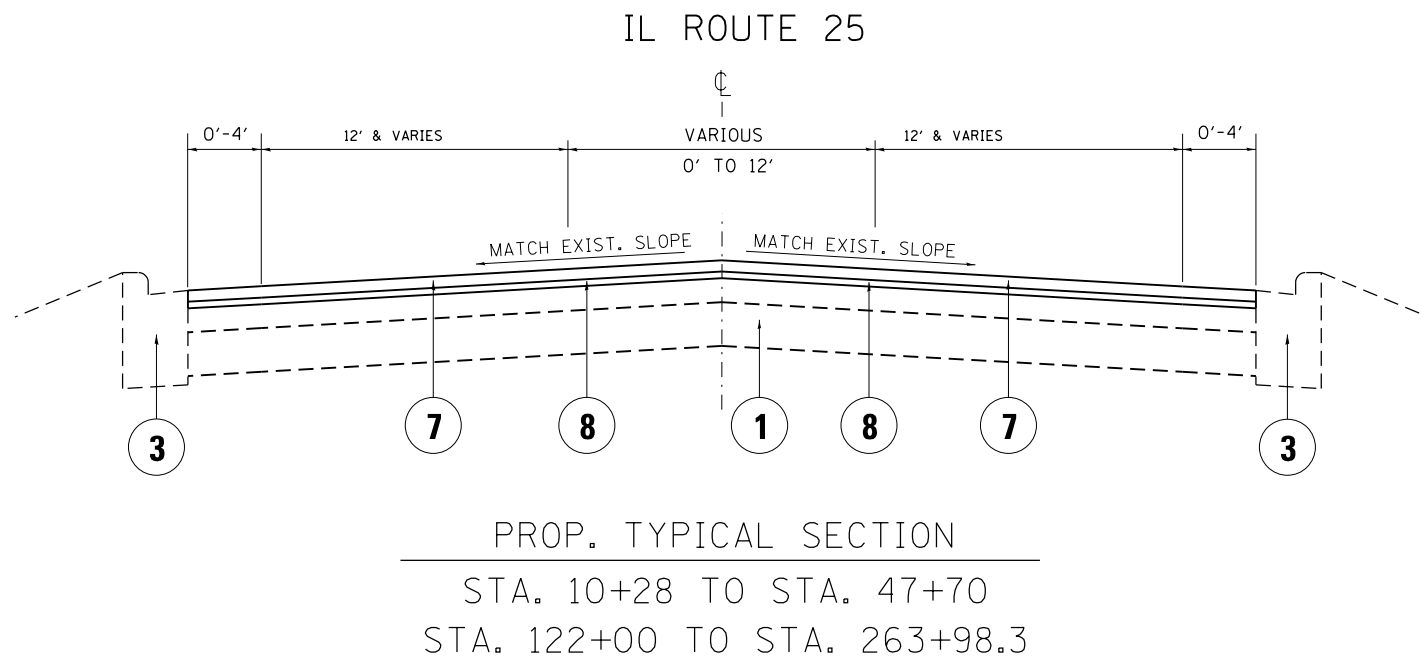
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

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 DISTRICT ONE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

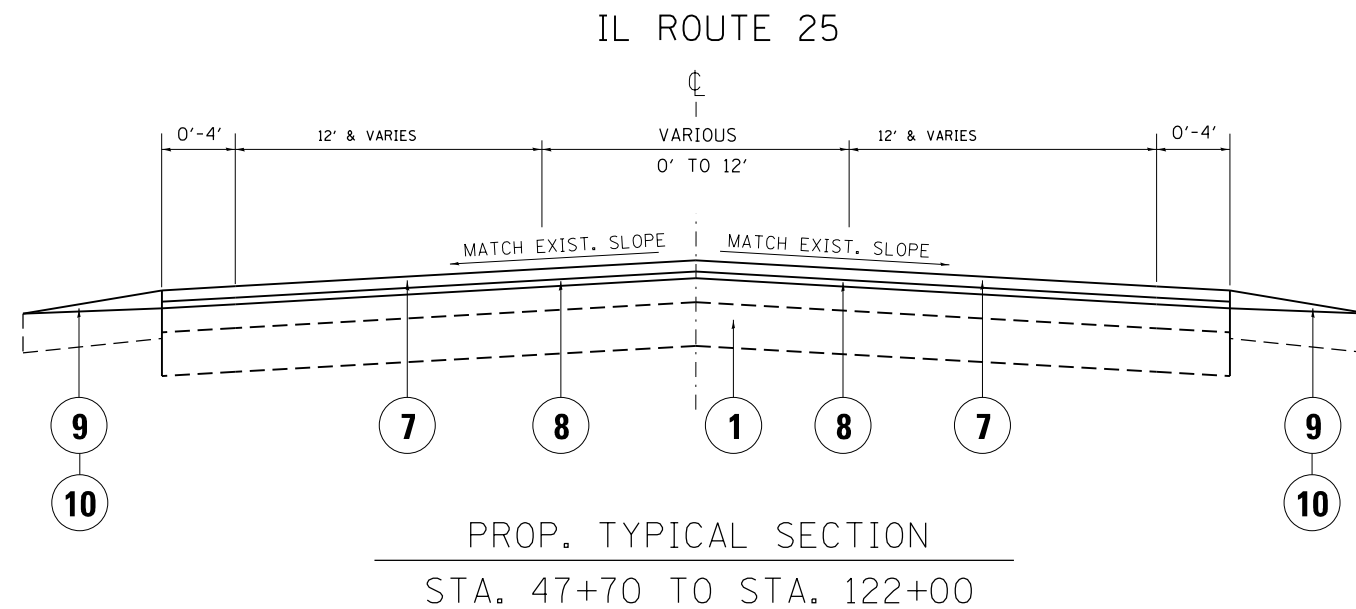
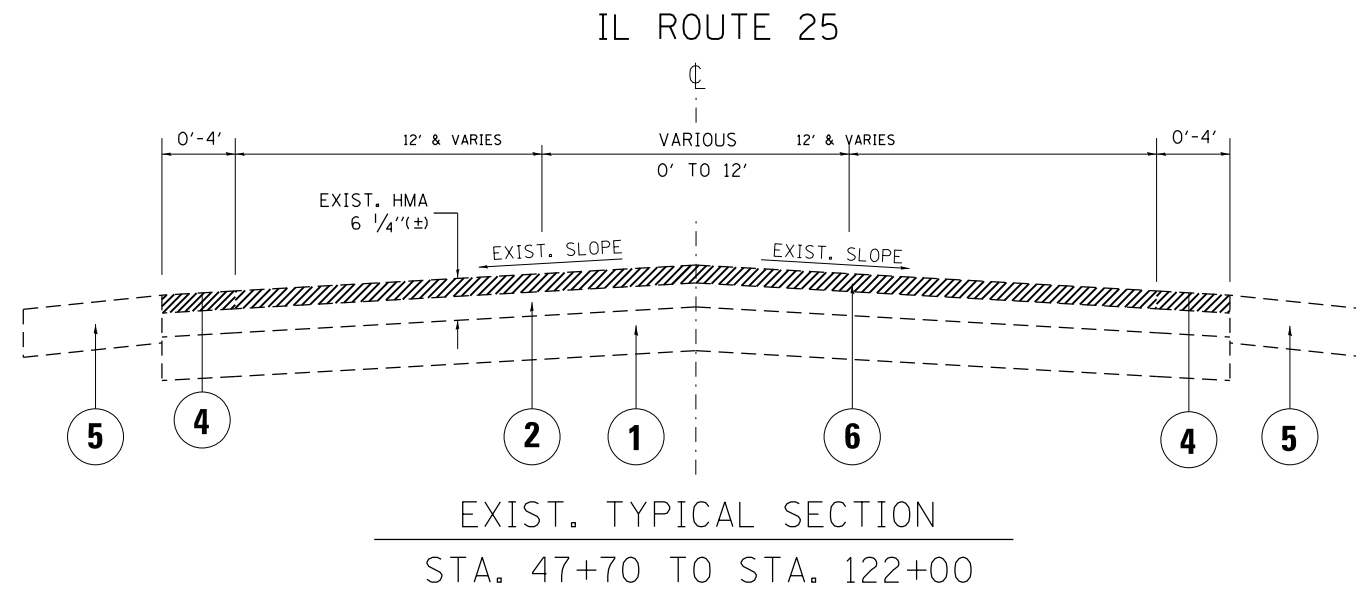
QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

NOTE:
THE CONTRACTOR SHALL MILL THE ROADWAY FIRST, THEN DO PAVEMENT PATCHING PER BD-22 DETAIL.



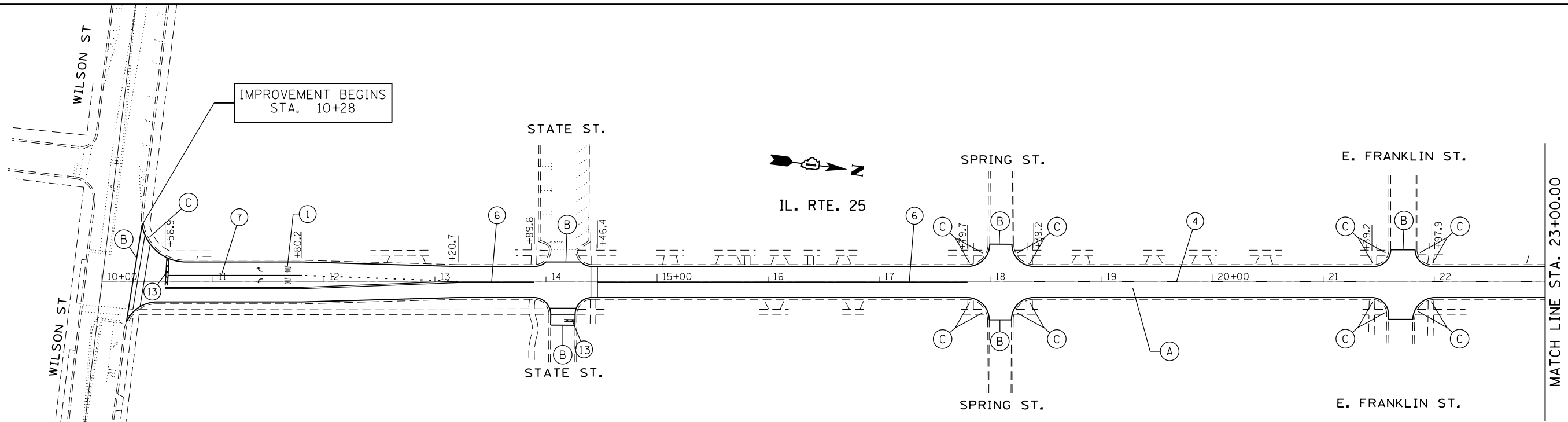
LEGEND

- ① EXISTING P.C.C PAVEMENT, ± 9"
- ② EXISTING HMA SURFACE AFTER MILLING, ± 4"
- ③ EXISTING COMB. CONCRETE CURB & GUTTER
- ④ EXISTING HMA SHOULDER
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- ⑦ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑧ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑨ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑩ PROPOSED GRADING AND SHAPING SHOULDERS



NOTE:
THE CONTRACTOR SHALL MILL THE ROADWAY FIRST, THEN DO PAVEMENT PATCHING PER BD-22 DETAIL.

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILINOIS ROUTE 25 WILSON STREET TO N. OF STATE AVE.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 62B89					
	PLOT DATE = 2/16/2017	DATE -	REVISED -			SCALE: NONE	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		



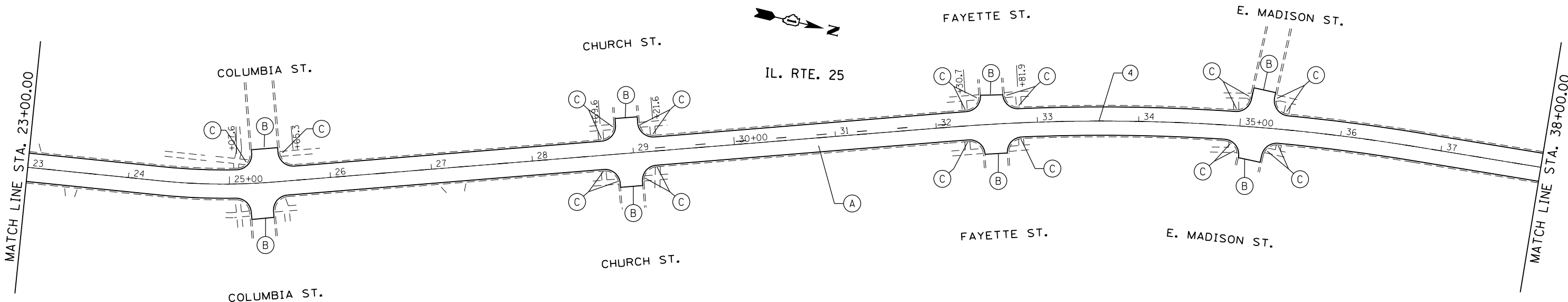
ROADWAY PROPOSED WORK LEGEND

(A)	PROP. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4" PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2" PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
(B)	PROP. HMA SURFACE REMOVAL - BUTT JOINT LIMIT OF RESURFACING
(C)	PROP. P.C.C. SIDEWALK RAMP (SEE DETAIL SHEET)

PAVEMENT MARKING LEGEND

(1)	PROP. 8' WHITE THERMO. PVT. MRK. LETTERS AND SYMBOLS (TYP.)	(5)	PROP. THERMO. PVT. MRK.-4" SKIP-DASH, SINGLE WHITE (TYP.)	(9)	PROP. THERMO. PVT. MRK.-6" DOTTED LINE, WHITE (2' DASH, 6" SKIP) (TYP.)
(2)	PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID WHITE (TYP.)	(6)	PROP. THERMO. PVT. MRK.-4" CENTERLINE, DOUBLE YELLOW (TYP.)	(10)	PROP. THERMO. PVT. MRK.-8" GORE MRK., SOLID WHITE (TYP.)
(3)	PROP. THERMO. PVT. MRK.-4" YELLOW NO PASSING ZONE LINE (TYP.)	(7)	PROP. THERMO. PVT. MRK.-6" SOLID LINE, WHITE (TYP.)	(11)	PROP. THERMO. PVT. MRK.-12" GORE MRK., CHEVRON WHITE (TYP.)
(4)	PROP. THERMO. PVT. MRK.-4" SKIP-DASH, SINGLE YELLOW (TYP.)	(8)	PROP. THERMO. PVT. MRK.-6" 2 @ 6" SOLID WHITE (TYP.)	(12)	PROP. THERMO. PVT. MRK.-12" DIAGONAL, YELLOW (TYP.)
				(13)	PROP. THERMO. PVT. MRK.-24" STOP LINE, WHITE (TYP.)

NOTE: ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13



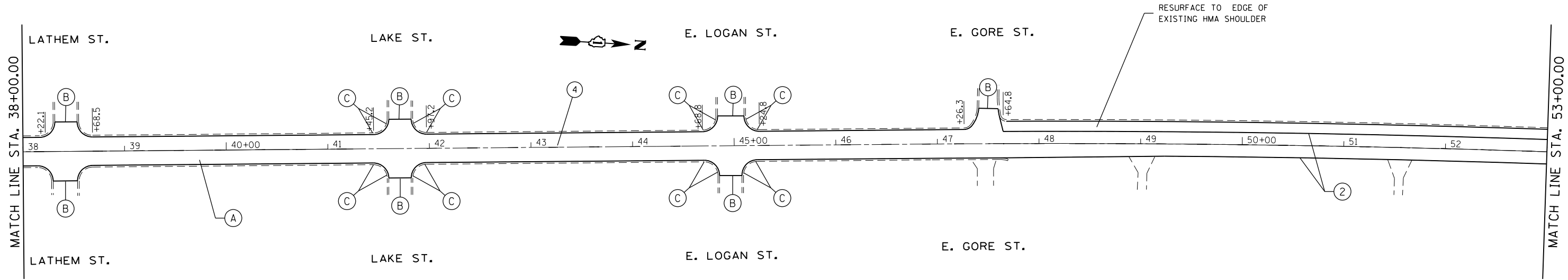
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Default	DATE -	REVISED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
ILL 25 FROM WILSON STREET TO NORTH OF STATE AVENUE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(44, 48, 46EXT.&52) RS-4	KANE	56	8
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ILLINOIS FED. AID PROJECT				



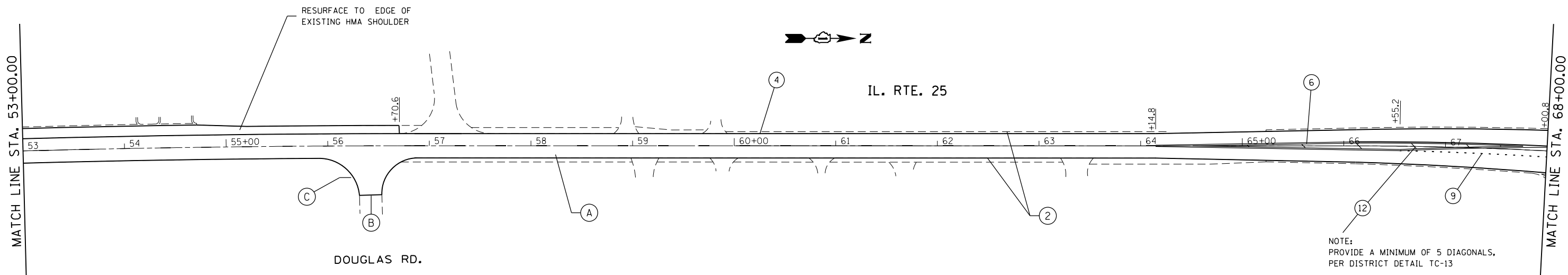
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(C)	PROP. P.C.C. SIDEWALK RAMP (SEE DETAIL SHEET)

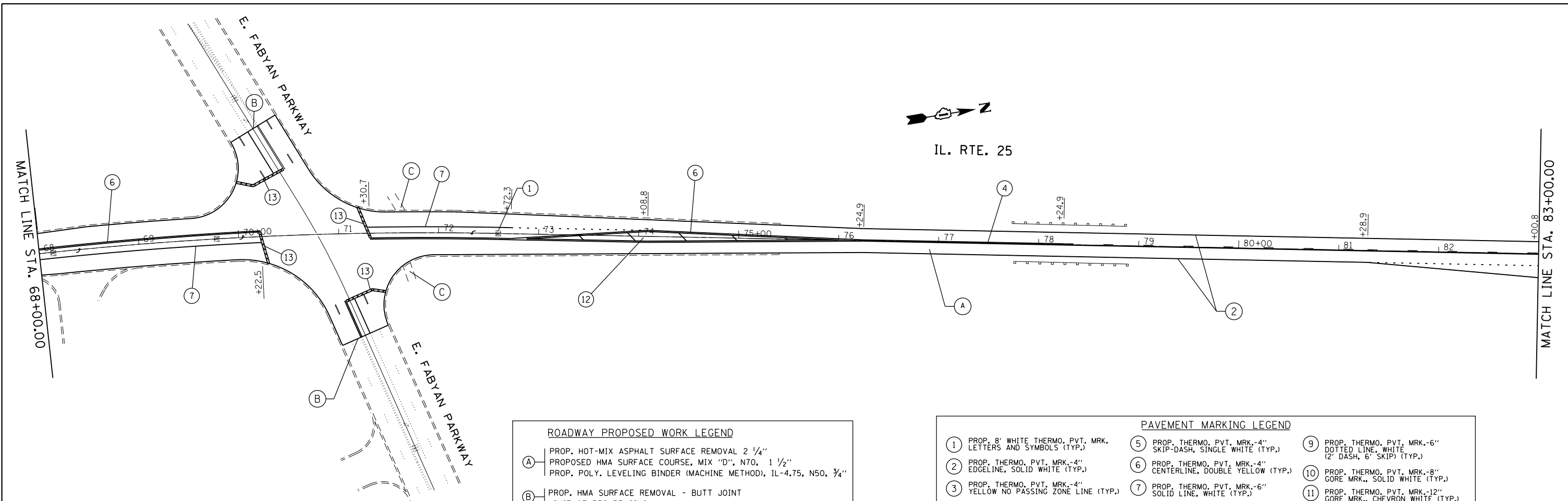
PAVEMENT MARKING LEGEND

(1) PROP. 8" WHITE THERMO. PVT. MRK. LETTERS AND SYMBOLS (TYP.)	(5) PROP. THERMO. PVT. MRK.-4" SKIP-DASH, SINGLE WHITE (TYP.)	(9) PROP. THERMO. PVT. MRK.-6" DOTTED LINE, WHITE (2" DASH, 6" SKIP) (TYP.)
(2) PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID WHITE (TYP.)	(6) PROP. THERMO. PVT. MRK.-4" CENTERLINE, DOUBLE YELLOW (TYP.)	(10) PROP. THERMO. PVT. MRK.-8" GORE MRK., SOLID WHITE (TYP.)
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		(13) PROP. THERMO. PVT. MRK.-24" STOP LINE, WHITE (TYP.)

NOTE: ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13



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pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\DI17416\Drawings\Design\DI17416-shr-plan.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			2503	(44, 48, 46EXT.&52)	RS-4	KANE	56	9
Default	PLOT DATE = 2/16/2017	DATE -	REVISED -			CONTRACT NO. 62B89					
						ILLINOIS FED. AID PROJECT					



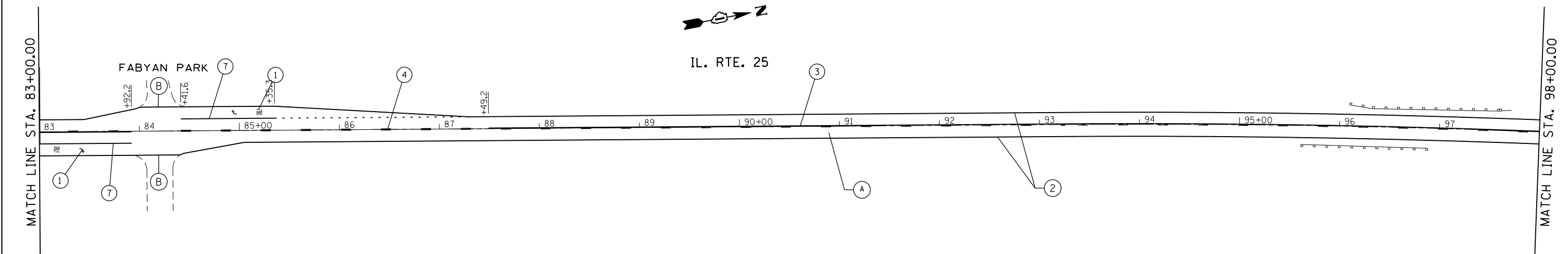
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(A)	PROP. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4" PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2" PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
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(C)	PROP. P.C.C. SIDEWALK RAMP (SEE DETAIL SHEET)

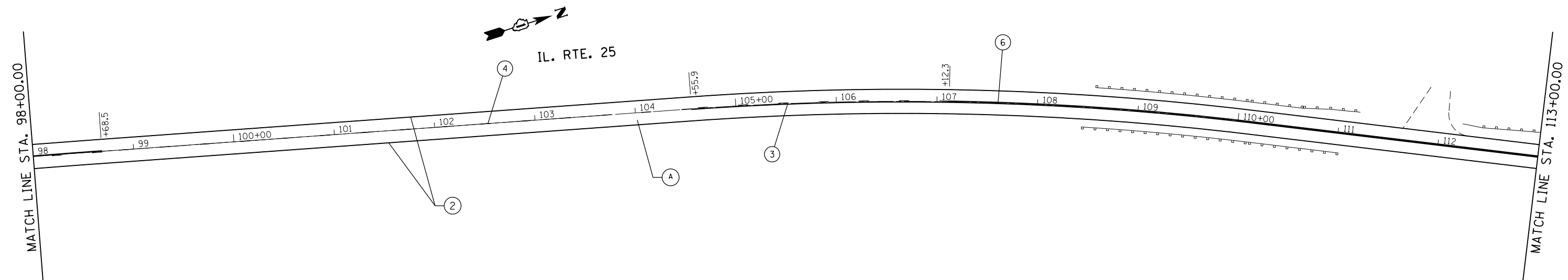
PAVEMENT MARKING LEGEND

(1)	PROP. 8' WHITE THERMO. PVT. MRK. LETTERS AND SYMBOLS (TYP.)	(5)	PROP. THERMO. PVT. MRK.-4" SKIP-DASH, SINGLE WHITE (TYP.)	(9)	PROP. THERMO. PVT. MRK.-6" DOTTED LINE, WHITE (2' DASH, 6' SKIP) (TYP.)
(2)	PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID WHITE (TYP.)	(6)	PROP. THERMO. PVT. MRK.-4" CENTERLINE, DOUBLE YELLOW (TYP.)	(10)	PROP. THERMO. PVT. MRK.-8" GORE MRK., SOLID WHITE (TYP.)
(3)	PROP. THERMO. PVT. MRK.-4" YELLOW NO PASSING ZONE LINE (TYP.)	(7)	PROP. THERMO. PVT. MRK.-6" SOLID LINE, WHITE (TYP.)	(11)	PROP. THERMO. PVT. MRK.-12" GORE MRK., CHEVRON WHITE (TYP.)
(4)	PROP. THERMO. PVT. MRK.-4" SKIP-DASH, SINGLE YELLOW (TYP.)	(8)	PROP. THERMO. PVT. MRK.-6" 2 @ 6" SOLID WHITE (TYP.)	(12)	PROP. THERMO. PVT. MRK.-12" DIAGONAL, YELLOW (TYP.)
				(13)	PROP. THERMO. PVT. MRK.-24" STOP LINE, WHITE (TYP.)

NOTE: ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13



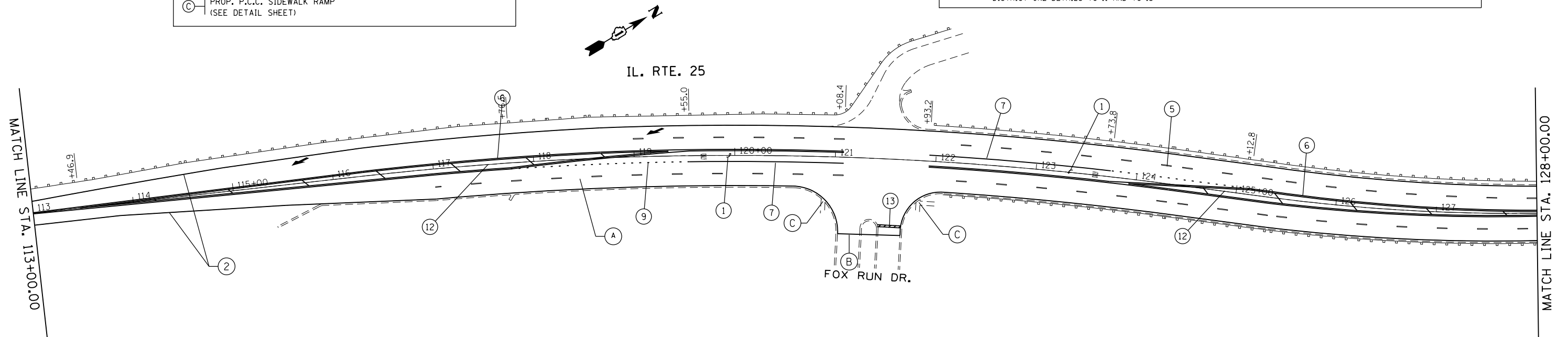
FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN ILL 25 FROM WILSON STREET TO NORTH OF STATE AVENUE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\D117416\Drawings\Design\117416-shr-plan.dgn	PLotted SCALE = 100.0000' / in.	CHECKED -	REVISED -			2503	(44, 48, 46EXT.&52)	RS-4	KANE	56	10
Default	PLOT DATE = 2/16/2017	DATE -	REVISED -			CONTRACT NO. 62B89					
						ILLINOIS FED. AID PROJECT					



ROADWAY PROPOSED WORK LEGEND	
(A)	PROP. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4" PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2" PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
(B)	PROP. HMA SURFACE REMOVAL - BUTT JOINT LIMIT OF RESURFACING
(C)	PROP. P.C.C. SIDEWALK RAMP (SEE DETAIL SHEET)

PAVEMENT MARKING LEGEND			
(1)	PROP. 8" WHITE THERMO. PVT. MRK. LETTERS AND SYMBOLS (TYP.)	(9)	PROP. THERMO. PVT. MRK.-6" DOTTED LINE, WHITE (2' DASH, 6" SKIP) (TYP.)
(2)	PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID WHITE (TYP.)	(10)	PROP. THERMO. PVT. MRK.-8" GORE MRK., SOLID WHITE (TYP.)
(3)	PROP. THERMO. PVT. MRK.-4" YELLOW NO PASSING ZONE LINE (TYP.)	(11)	PROP. THERMO. PVT. MRK.-12" GORE MRK., CHEVRON WHITE (TYP.)
(4)	PROP. THERMO. PVT. MRK.-4" SKIP-DASH, SINGLE YELLOW (TYP.)	(12)	PROP. THERMO. PVT. MRK.-12" DIAGONAL, YELLOW (TYP.)
(5)	PROP. THERMO. PVT. MRK.-4" SKIP-DASH, SINGLE WHITE (TYP.)	(13)	PROP. THERMO. PVT. MRK.-24" STOP LINE, WHITE (TYP.)
(6)	PROP. THERMO. PVT. MRK.-4" CENTERLINE, DOUBLE YELLOW (TYP.)		
(7)	PROP. THERMO. PVT. MRK.-6" SOLID LINE, WHITE (TYP.)		
(8)	PROP. THERMO. PVT. MRK.-6" 2 @ 6" SOLID WHITE (TYP.)		

NOTE: ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13

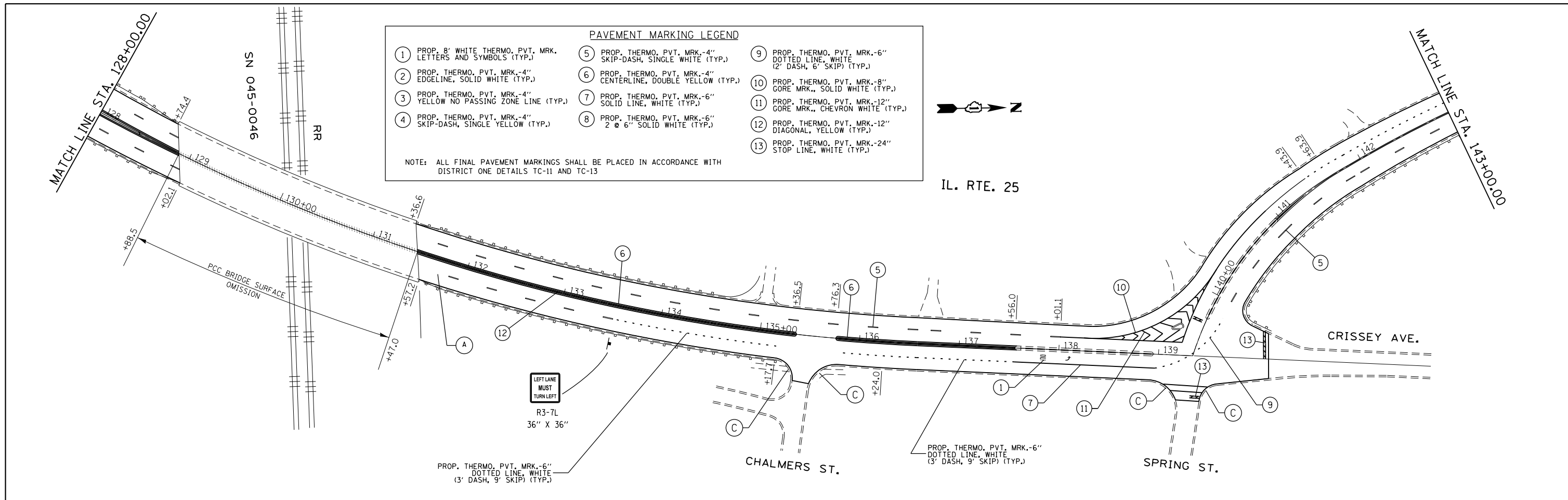


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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 2/16/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN			
ILL 25 FROM WILSON STREET TO NORTH OF STATE AVENUE			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(44, 48, 46EXT.&52) RS-4	KANE	56	11
CONTRACT NO. 62B89				
ILLINOIS FED. AID PROJECT				

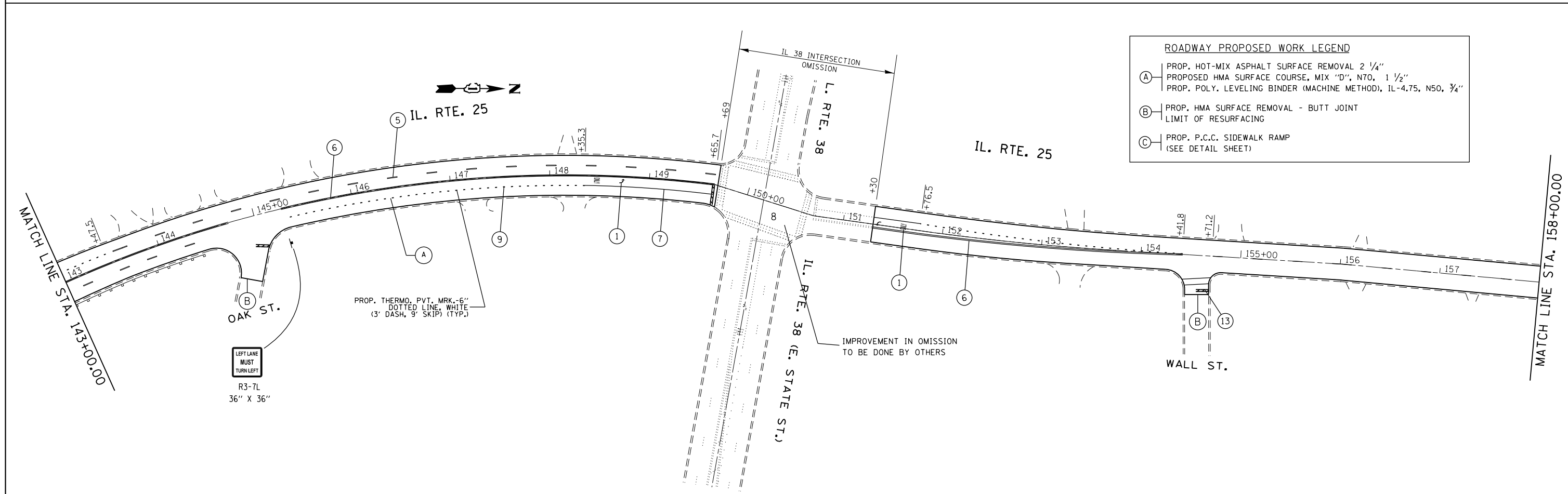


PAVEMENT MARKING LEGEND

① PROP. 8" WHITE THERMO. PVT. MRK. LETTERS AND SYMBOLS (TYP.)	⑤ PROP. THERMO. PVT. MRK.-4" SKIP-DASH, SINGLE WHITE (TYP.)	⑨ PROP. THERMO. PVT. MRK.-6" DOTTED LINE, WHITE (2' DASH, 6' SKIP) (TYP.)
② PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID WHITE (TYP.)	⑥ PROP. THERMO. PVT. MRK.-4" CENTERLINE, DOUBLE YELLOW (TYP.)	⑩ PROP. THERMO. PVT. MRK.-8" GORE MRK., SOLID WHITE (TYP.)
③ PROP. THERMO. PVT. MRK.-4" YELLOW NO PASSING ZONE LINE (TYP.)	⑦ PROP. THERMO. PVT. MRK.-6" SOLID LINE, WHITE (TYP.)	⑪ PROP. THERMO. PVT. MRK.-12" GORE MRK., CHEVRON WHITE (TYP.)
④ PROP. THERMO. PVT. MRK.-4" SKIP-DASH, SINGLE YELLOW (TYP.)	⑧ PROP. THERMO. PVT. MRK.-6" 2 @ 6" SOLID WHITE (TYP.)	⑫ PROP. THERMO. PVT. MRK.-12" DIAGONAL, YELLOW (TYP.)
		⑬ PROP. THERMO. PVT. MRK.-24" STOP LINE, WHITE (TYP.)

NOTE: ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13

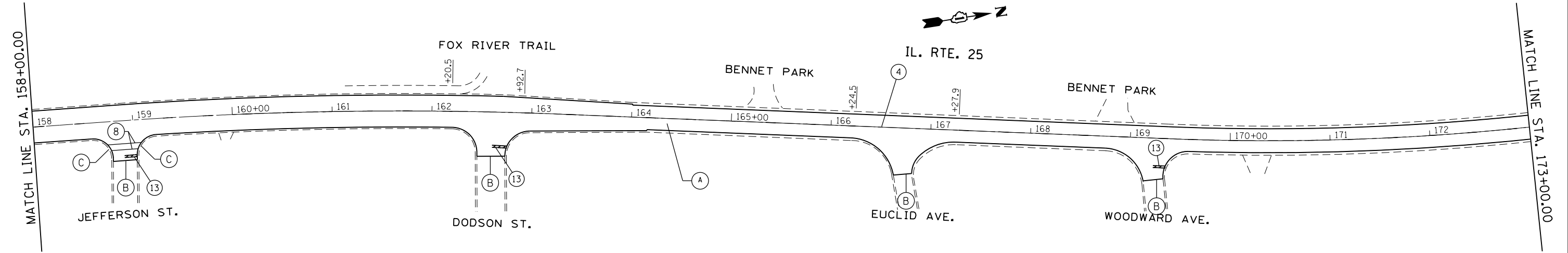
IL. RTE. 25



ROADWAY PROPOSED WORK LEGEND

Ⓐ	PROP. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"
	PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
	PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
Ⓑ	PROP. HMA SURFACE REMOVAL - BUTT JOINT LIMIT OF RESURFACING
Ⓒ	PROP. P.C.C. SIDEWALK RAMP (SEE DETAIL SHEET)

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN ILL 25 FROM WILSON STREET TO NORTH OF STATE AVENUE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
						2503	(44, 48, 46EXT.&52)	RS-4	KANE	56	12
						CONTRACT NO. 62B89					
						ILLINOIS FED. AID PROJECT					
Default	PLOT DATE = 2/16/2017	DATE -	REVISED -	SCALE: SHEET OF SHEETS STA. TO STA.							



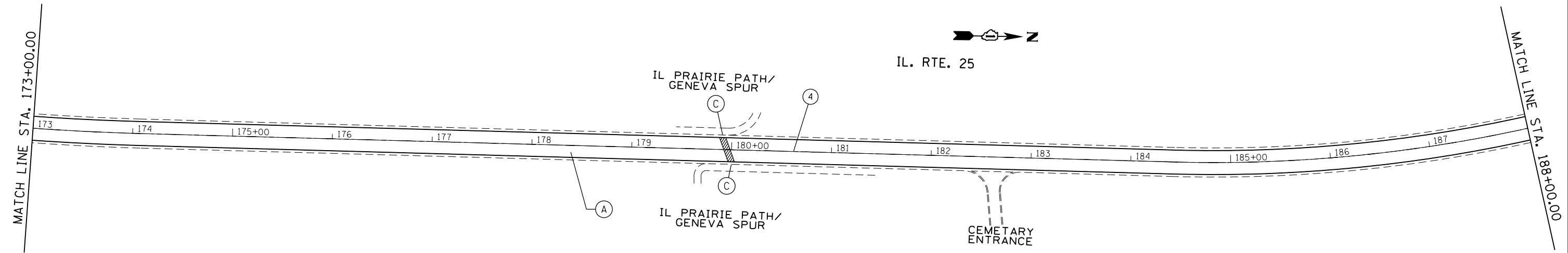
ROADWAY PROPOSED WORK LEGEND

(A)	PROP. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4" PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2" PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
(B)	PROP. HMA SURFACE REMOVAL - BUTT JOINT LIMIT OF RESURFACING
(C)	PROP. P.C.C. SIDEWALK RAMP (SEE DETAIL SHEET)

PAVEMENT MARKING LEGEND

(1) PROP. 8" WHITE THERMO. PVT. MRK. LETTERS AND SYMBOLS (TYP.)	(5) PROP. THERMO. PVT. MRK.-4" SKIP-DASH, SINGLE WHITE (TYP.)	(9) PROP. THERMO. PVT. MRK.-6" DOTTED LINE, WHITE (2" DASH, 6" SKIP) (TYP.)
(2) PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID WHITE (TYP.)	(6) PROP. THERMO. PVT. MRK.-4" CENTERLINE, DOUBLE YELLOW (TYP.)	(10) PROP. THERMO. PVT. MRK.-8" GORE MRK., SOLID WHITE (TYP.)
(3) PROP. THERMO. PVT. MRK.-4" YELLOW NO PASSING ZONE LINE (TYP.)	(7) PROP. THERMO. PVT. MRK.-6" SOLID LINE, WHITE (TYP.)	(11) PROP. THERMO. PVT. MRK.-12" GORE MRK., CHEVRON WHITE (TYP.)
(4) PROP. THERMO. PVT. MRK.-4" SKIP-DASH, SINGLE YELLOW (TYP.)	(8) PROP. THERMO. PVT. MRK.-6" 2 @ 6" SOLID WHITE (TYP.)	(12) PROP. THERMO. PVT. MRK.-12" DIAGONAL, YELLOW (TYP.)
		(13) PROP. THERMO. PVT. MRK.-24" STOP LINE, WHITE (TYP.)

NOTE: ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13



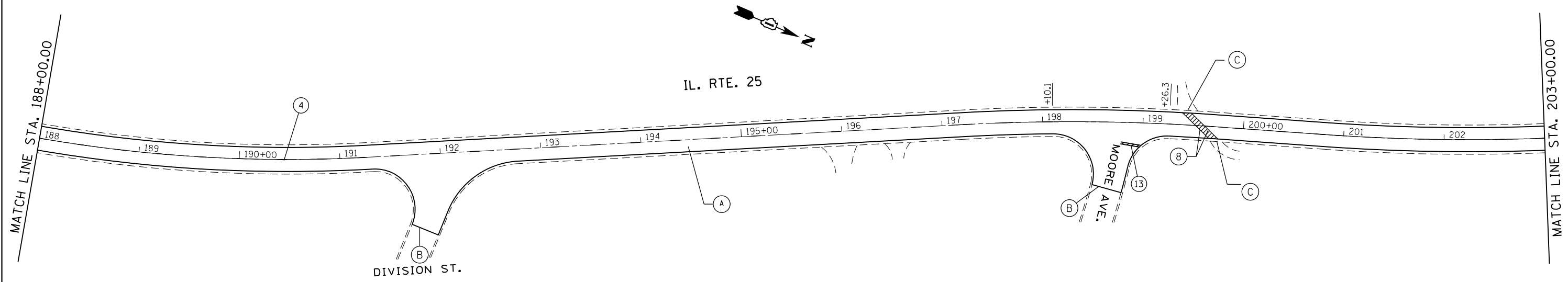
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 2/16/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
ILL 25 FROM WILSON STREET TO NORTH OF STATE AVENUE**

SCALE: SHEET OF SHEETS STA. TO STA.

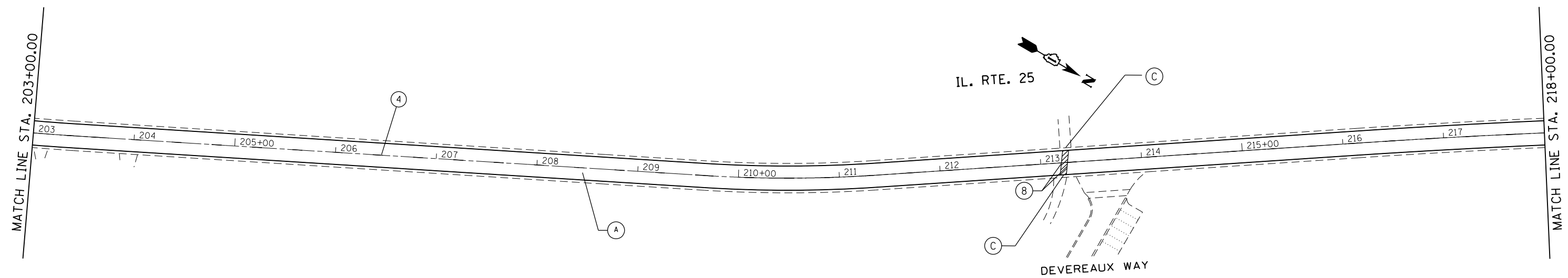
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(44, 48, 46EXT.&52) RS-4	KANE	56	13
CONTRACT NO. 62B89				
ILLINOIS FED. AID PROJECT				



ROADWAY PROPOSED WORK LEGEND	
(A)	PROP. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4" PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2" PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
(B)	PROP. HMA SURFACE REMOVAL - BUTT JOINT LIMIT OF RESURFACING
(C)	PROP. P.C.C. SIDEWALK RAMP (SEE DETAIL SHEET)

PAVEMENT MARKING LEGEND			
(1)	PROP. 8" WHITE THERMO. PVT. MRK. LETTERS AND SYMBOLS (TYP.)	(9)	PROP. THERMO. PVT. MRK.-6" DOTTED LINE, WHITE (2" DASH, 6" SKIP) (TYP.)
(2)	PROP. THERMO. PVT. MRK.-4" EDGE LINE, SOLID WHITE (TYP.)	(10)	PROP. THERMO. PVT. MRK.-8" GORE MRK., SOLID WHITE (TYP.)
(3)	PROP. THERMO. PVT. MRK.-4" YELLOW NO PASSING ZONE LINE (TYP.)	(11)	PROP. THERMO. PVT. MRK.-12" GORE MRK., CHEVRON WHITE (TYP.)
(4)	PROP. THERMO. PVT. MRK.-4" SKIP-DASH, SINGLE YELLOW (TYP.)	(12)	PROP. THERMO. PVT. MRK.-12" DIAGONAL, YELLOW (TYP.)
(5)	PROP. THERMO. PVT. MRK.-4" SKIP-DASH, SINGLE WHITE (TYP.)	(13)	PROP. THERMO. PVT. MRK.-24" STOP LINE, WHITE (TYP.)
(6)	PROP. THERMO. PVT. MRK.-4" CENTERLINE, DOUBLE YELLOW (TYP.)		
(7)	PROP. THERMO. PVT. MRK.-6" SOLID LINE, WHITE (TYP.)		
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NOTE: ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13



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Default	PLOT DATE = 2/16/2017	DATE -	REVISED -

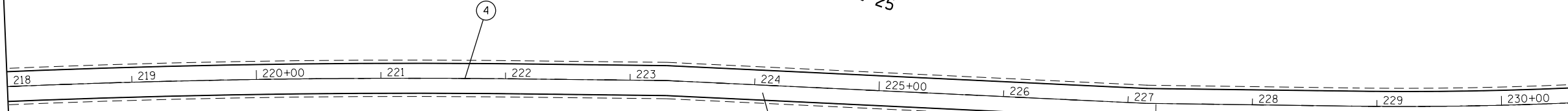
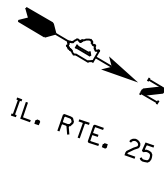
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN			
ILL 25 FROM WILSON STREET TO NORTH OF STATE AVENUE			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(44, 48, 46EXT.&52) RS-4	KANE	56	14
CONTRACT NO. 62B89				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 218+00.00

MATCH LINE STA. 231+00.00



ROADWAY PROPOSED WORK LEGEND

(A)	PROP. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4" PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2" PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
(B)	PROP. HMA SURFACE REMOVAL - BUTT JOINT LIMIT OF RESURFACING
(C)	PROP. P.C.C. SIDEWALK RAMP (SEE DETAIL SHEET)

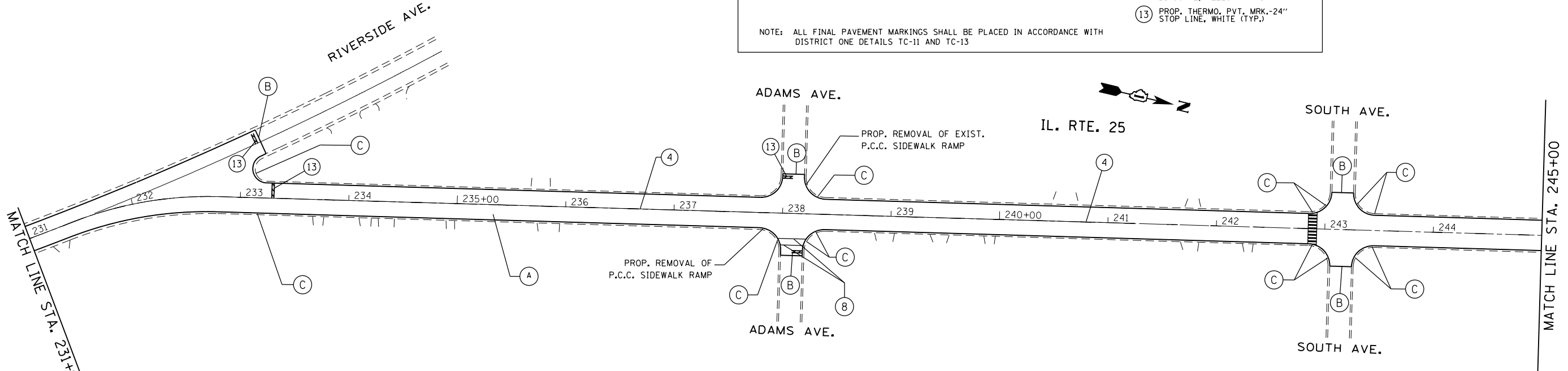
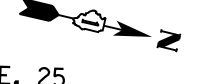
PAVEMENT MARKING LEGEND

(1) PROP. 8" WHITE THERMO. PVT. MRK. LETTERS AND SYMBOLS (TYP.)	(5) PROP. THERMO. PVT. MRK.-4" SKIP-DASH, SINGLE WHITE (TYP.)	(9) PROP. THERMO. PVT. MRK.-6" DOTTED LINE, WHITE (2" DASH, 6" SKIP) (TYP.)
(2) PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID WHITE (TYP.)	(6) PROP. THERMO. PVT. MRK.-4" CENTERLINE, DOUBLE YELLOW (TYP.)	(10) PROP. THERMO. PVT. MRK.-8" GORE MRK., SOLID WHITE (TYP.)
(3) PROP. THERMO. PVT. MRK.-4" YELLOW NO PASSING ZONE LINE (TYP.)	(7) PROP. THERMO. PVT. MRK.-6" SOLID LINE, WHITE (TYP.)	(11) PROP. THERMO. PVT. MRK.-12" GORE MRK., CHEVRON WHITE (TYP.)
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		(13) PROP. THERMO. PVT. MRK.-24" STOP LINE, WHITE (TYP.)

NOTE: ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13

MATCH LINE STA. 231+00

MATCH LINE STA. 245+00



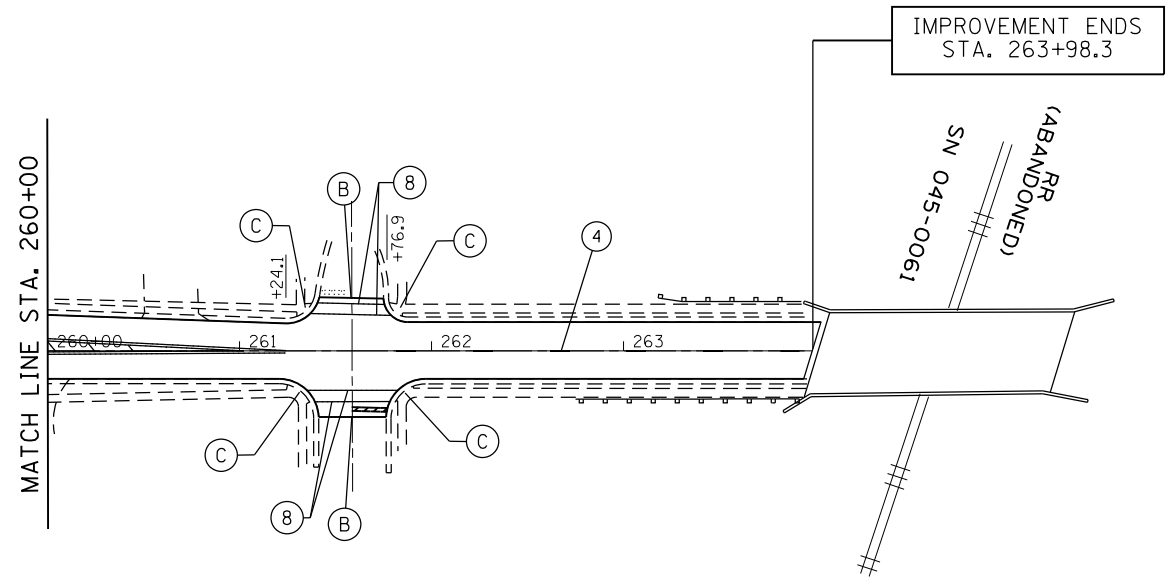
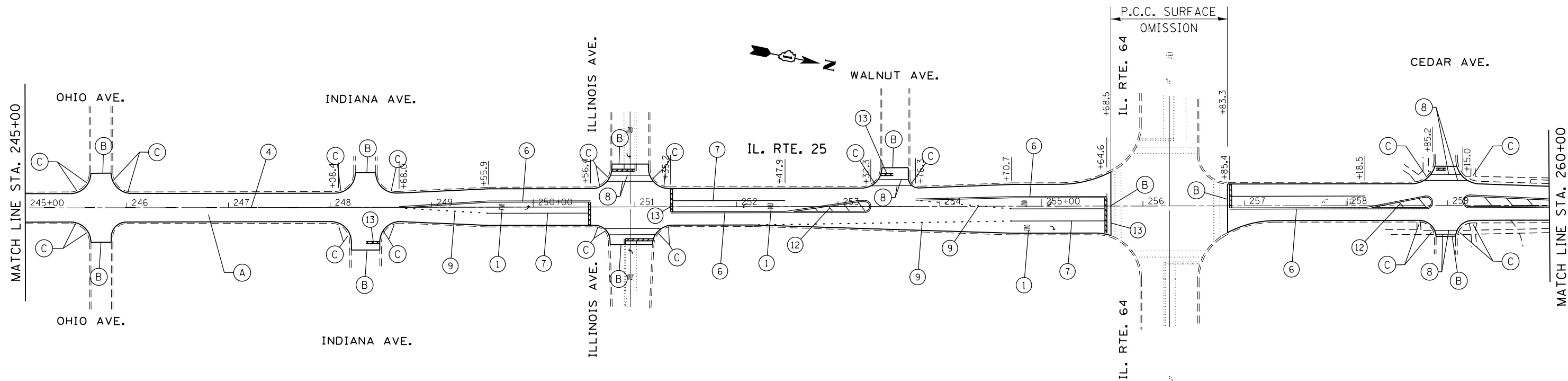
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Default	PLOT DATE = 2/16/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
ILL 25 FROM WILSON STREET TO NORTH OF STATE AVENUE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(44, 48, 46EXT.&52) RS-4	KANE	56	15
CONTRACT NO. 62B89				
ILLINOIS FED. AID PROJECT				



ROADWAY PROPOSED WORK LEGEND

(A)	PROP. HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"
(B)	PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
(C)	PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
(B)	PROP. HMA SURFACE REMOVAL - BUTT JOINT LIMIT OF RESURFACING
(C)	PROP. P.C.C. SIDEWALK RAMP (SEE DETAIL SHEET)

PAVEMENT MARKING LEGEND

(1)	PROP. 8' WHITE THERMO. PVT. MRK. LETTERS AND SYMBOLS (TYP.)	(5)	PROP. THERMO. PVT. MRK.-4" SKIP-DASH, SINGLE WHITE (TYP.)	(9)	PROP. THERMO. PVT. MRK.-6" DOTTED LINE, WHITE (2' DASH, 6' SKIP) (TYP.)
(2)	PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID WHITE (TYP.)	(6)	PROP. THERMO. PVT. MRK.-4" CENTERLINE, DOUBLE YELLOW (TYP.)	(10)	PROP. THERMO. PVT. MRK.-8" GORE MRK., SOLID WHITE (TYP.)
(3)	PROP. THERMO. PVT. MRK.-4" YELLOW NO PASSING ZONE LINE (TYP.)	(7)	PROP. THERMO. PVT. MRK.-6" SOLID LINE, WHITE (TYP.)	(11)	PROP. THERMO. PVT. MRK.-12" GORE MRK., CHEVRON WHITE (TYP.)
(4)	PROP. THERMO. PVT. MRK.-4" SKIP-DASH, SINGLE YELLOW (TYP.)	(8)	PROP. THERMO. PVT. MRK.-6" 2 x 6" SOLID WHITE (TYP.)	(12)	PROP. THERMO. PVT. MRK.-12" DIAGONAL, YELLOW (TYP.)
				(13)	PROP. THERMO. PVT. MRK.-24" STOP LINE, WHITE (TYP.)

NOTE: ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13

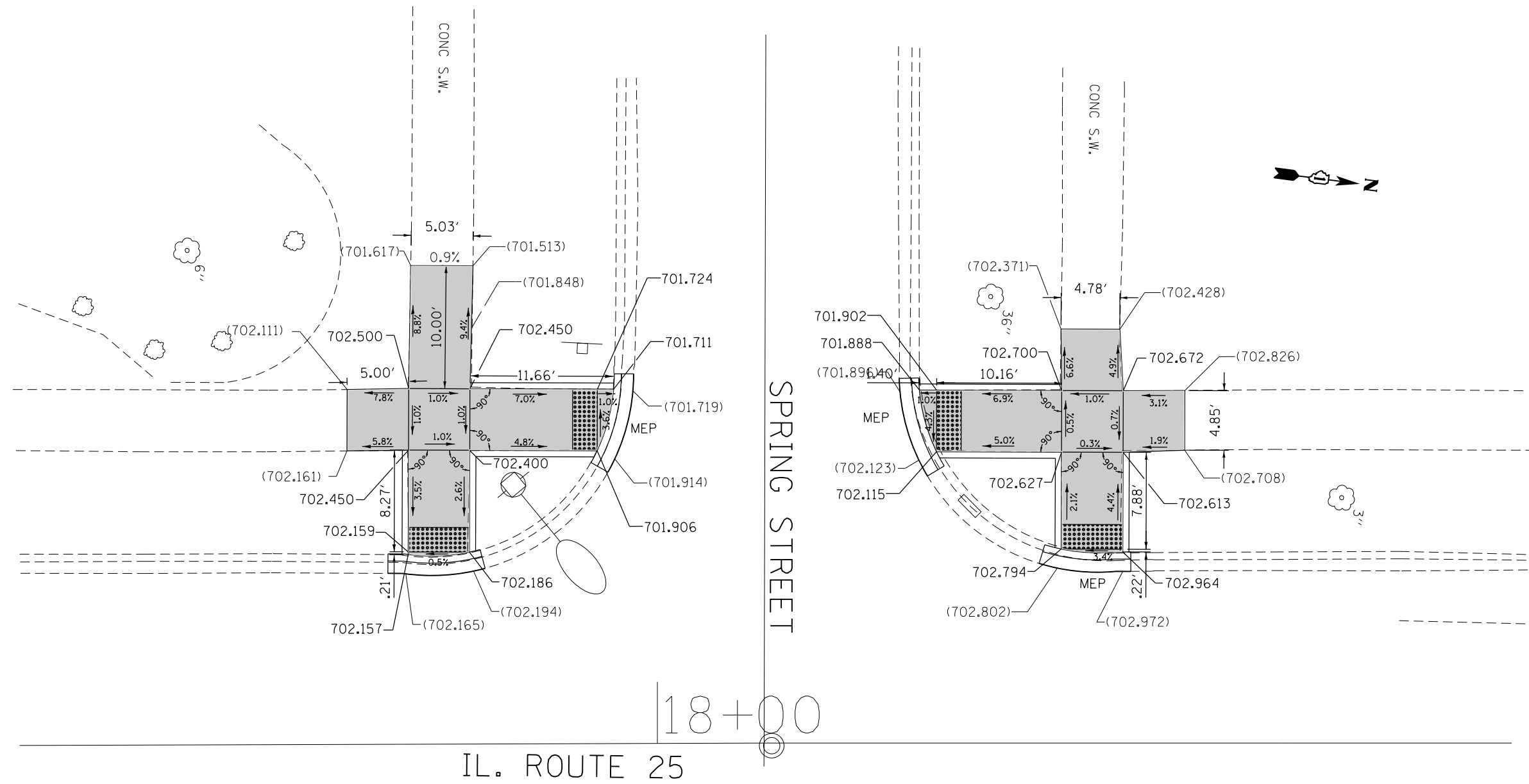
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISOR -	REVISOR -
DATE = 2/16/2017	DATE -	REVISOR -	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN
ILL 25 FROM WILSON STREET TO NORTH OF STATE AVENUE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(44, 48, 46EXT.&52) RS-4	KANE	56	16
CONTRACT NO. 62B89				
ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK ELEV 705.521

BENCHMARK : NORTHEAST FIRE HYDRANT BOLT

LOCATION : NORTHEAST CORNER OF IL 25 - SPRING ST INTERSECTION;
7 FT EAST OF IL 25, EAST EDGE OF PAVEMENT.

LEGEND

xx.xx'

EXISTING LENGTH

==

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/16/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN
IL 25 AT SPRING STREET, SW & NW CORNERS (STA. 18+00)**

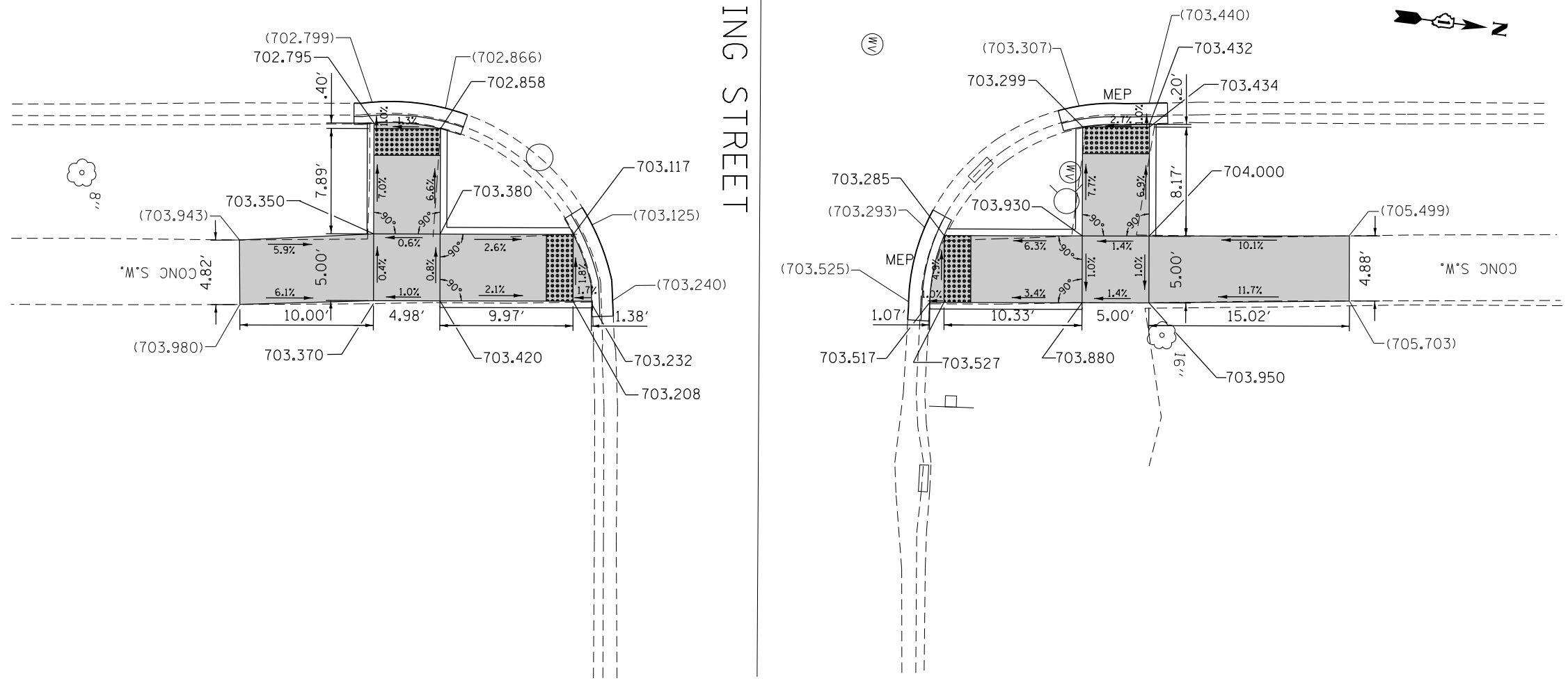
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(44, 48, 46EXT.&52) RS-4	KANE	56	17
CONTRACT NO. 62B89				
ILLINOIS FED. AID PROJECT				

18+00

IL. ROUTE 25

SPRING STREET



REFERENCE BENCHMARK ELEV 705.521
 BENCHMARK : NORTHEAST FIRE HYDRANT BOLT
 LOCATION : NORTHEAST CORNER OF IL 25 - SPRING ST INTERSECTION;
 7 FT EAST OF IL 25, EAST EDGE OF PAVEMENT.

LEGEND

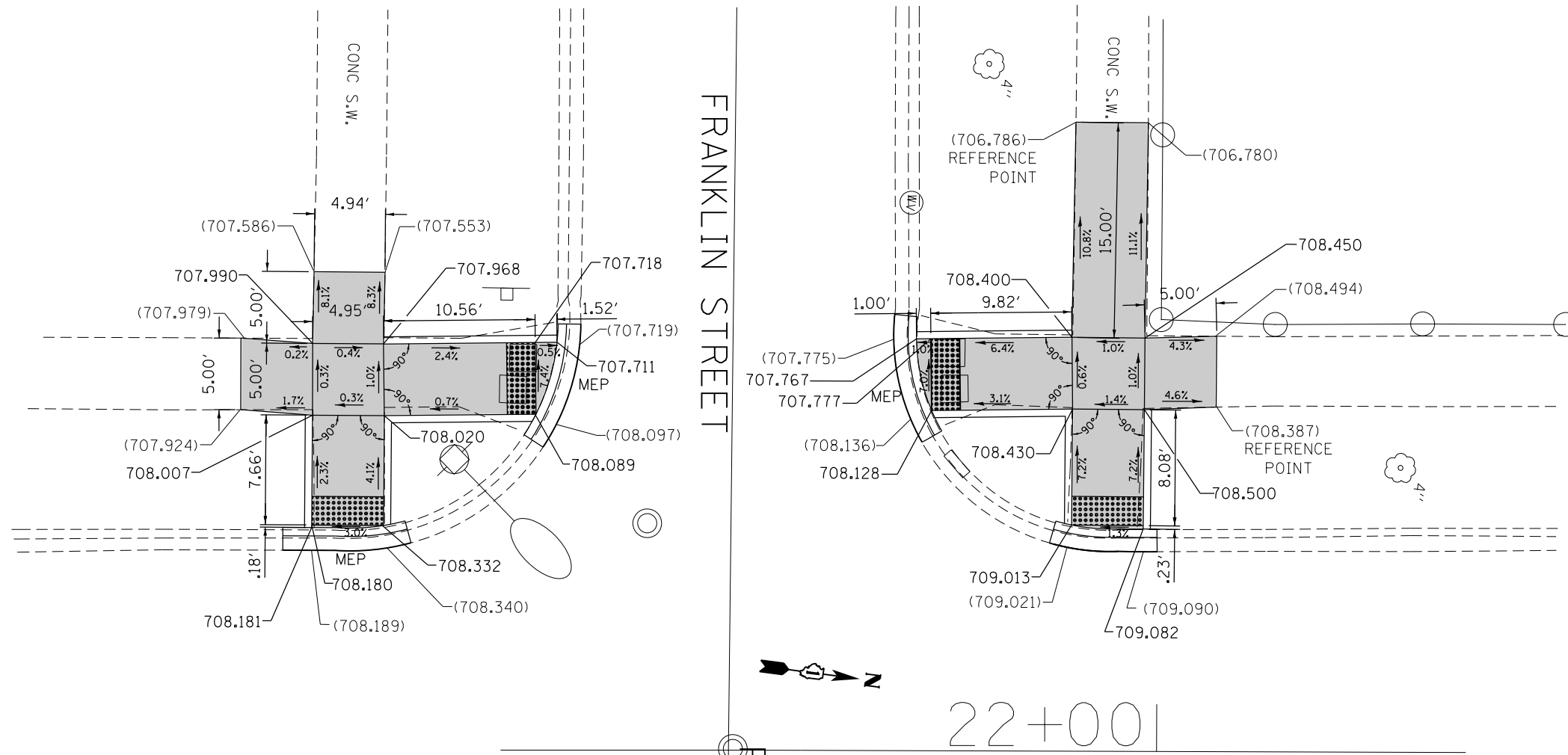
- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -
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Default	PLOT DATE = 2/16/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIDEWALK DETAIL PLAN
IL 25 AT SPRING STREET, SE & NE CORNERS (STA. 18+00)
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(44, 48, 46EXT.&52) RS-4	KANE	56	18
CONTRACT NO. 62B89				
ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK ELEV 704.247
 BENCHMARK : NORTHEAST SIDE OF CONCRETE STEP
 LOCATION : AT SOUTHWEST CORNER OF INTERSECTION, 80 FT FROM
 IL 25, WEST EDGE OF PAVEMENT

LEGEND

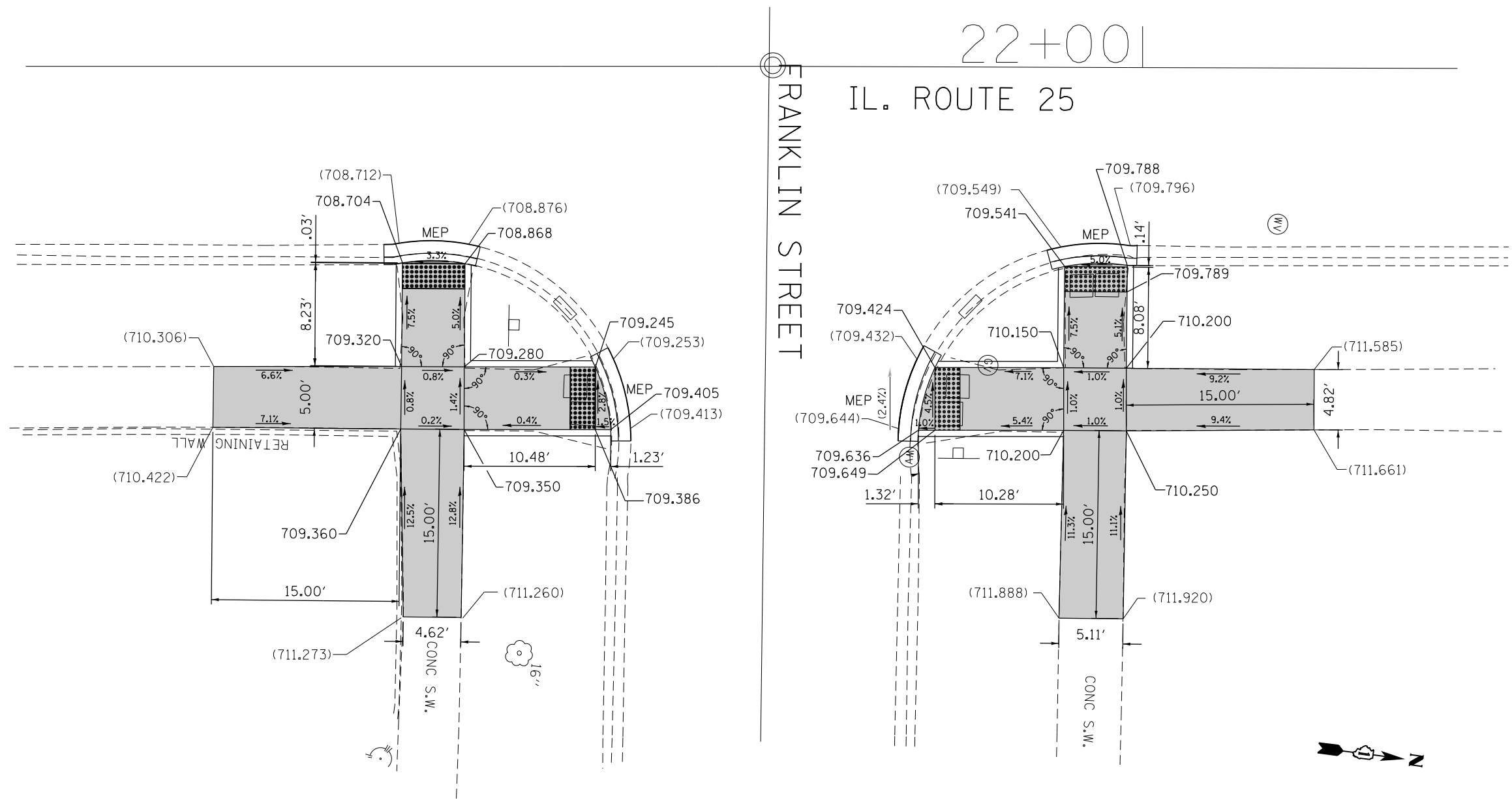
- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

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	PLOT DATE = 2/16/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIDEWALK DETAIL PLAN
IL 25 AT FRANKLIN ST, SW AND NW CORNERS (STA. 21 + 70)
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(44, 48, 46EXT.&52) RS-4	KANE	56	19
CONTRACT NO. 62B89				
ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK ELEV 704.247
 BENCHMARK : NORTHEAST SIDE OF CONCRETE STEP
 LOCATION : AT SOUTHWEST CORNER OF INTERSECTION, 80 FT FROM
 IL 25, WEST EDGE OF PAVEMENT

LEGEND

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

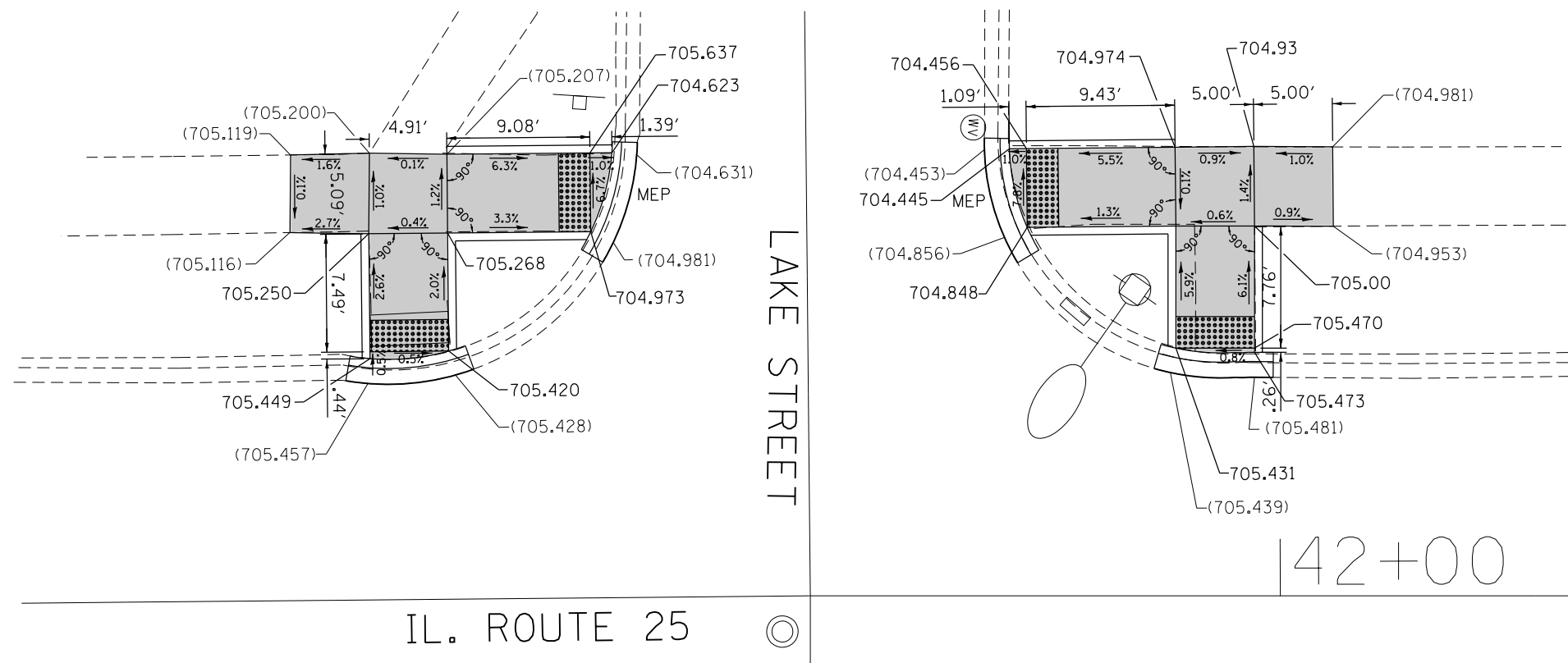
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/16/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN
 IL 25 AT FRANKLIN ST, SE AND NE CORNERS (STA. 21 + 70)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(44, 48, 46EXT.&52) RS-4	KANE	56	20
CONTRACT NO. 62B89				
ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK ELEV 705.764
 BENCHMARK : NORTHEAST SIDE OF CONCRETE STEP
 LOCATION : NW CORNER OF INTERSECTION
 28 FT OF WEST EOP OF IL 25

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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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/16/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN
 IL 25 AT LAKE STREET, SW & NW CORNERS (STA. 41 + 70)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(44, 48, 46EXT.&52) RS-4	KANE	56	21
CONTRACT NO. 62B89				

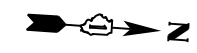
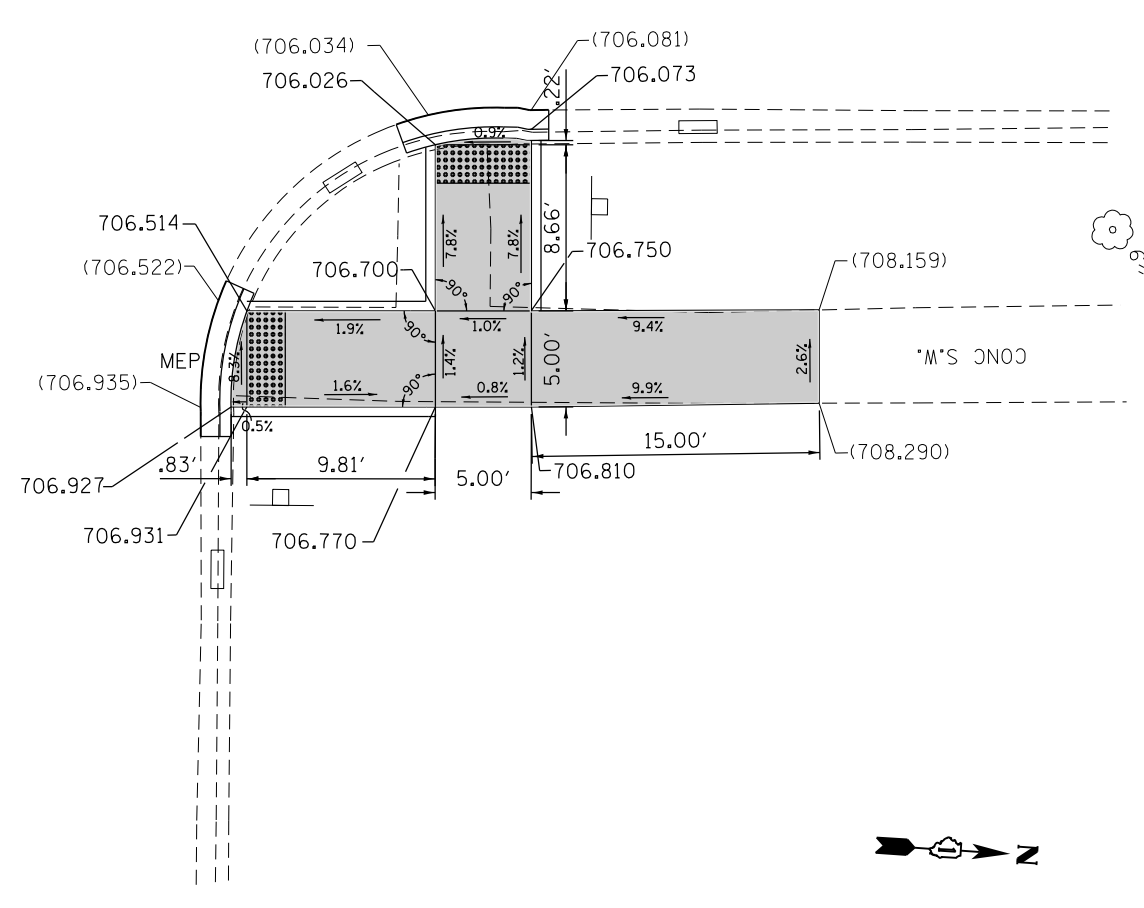
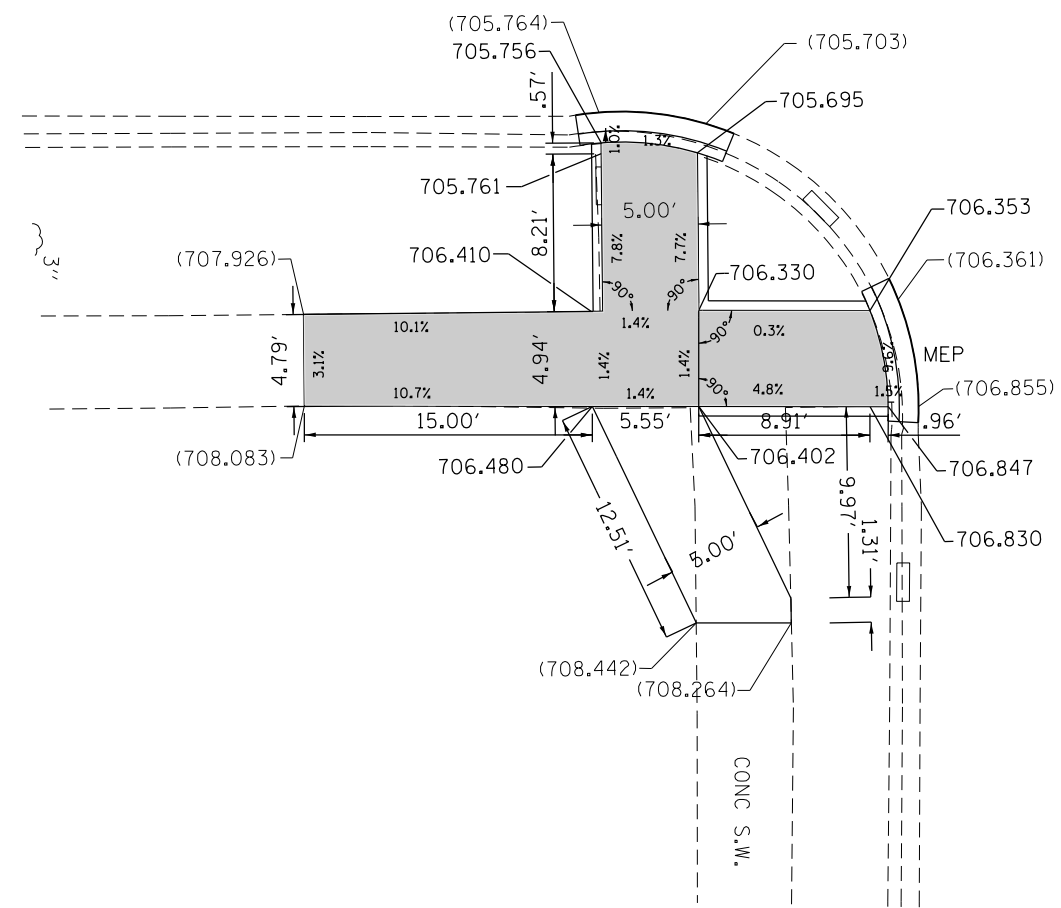
ILLINOIS FED. AID PROJECT

42+00

IL. ROUTE 25



LAKE STREET



REFERENCE BENCHMARK ELEV 705.764
 BENCHMARK : NORTHEAST SIDE OF CONCRETE STEP
 LOCATION : NW CORNER OF INTERSECTION
 28 FT OF WEST EOP OF IL 25

LEGEND

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

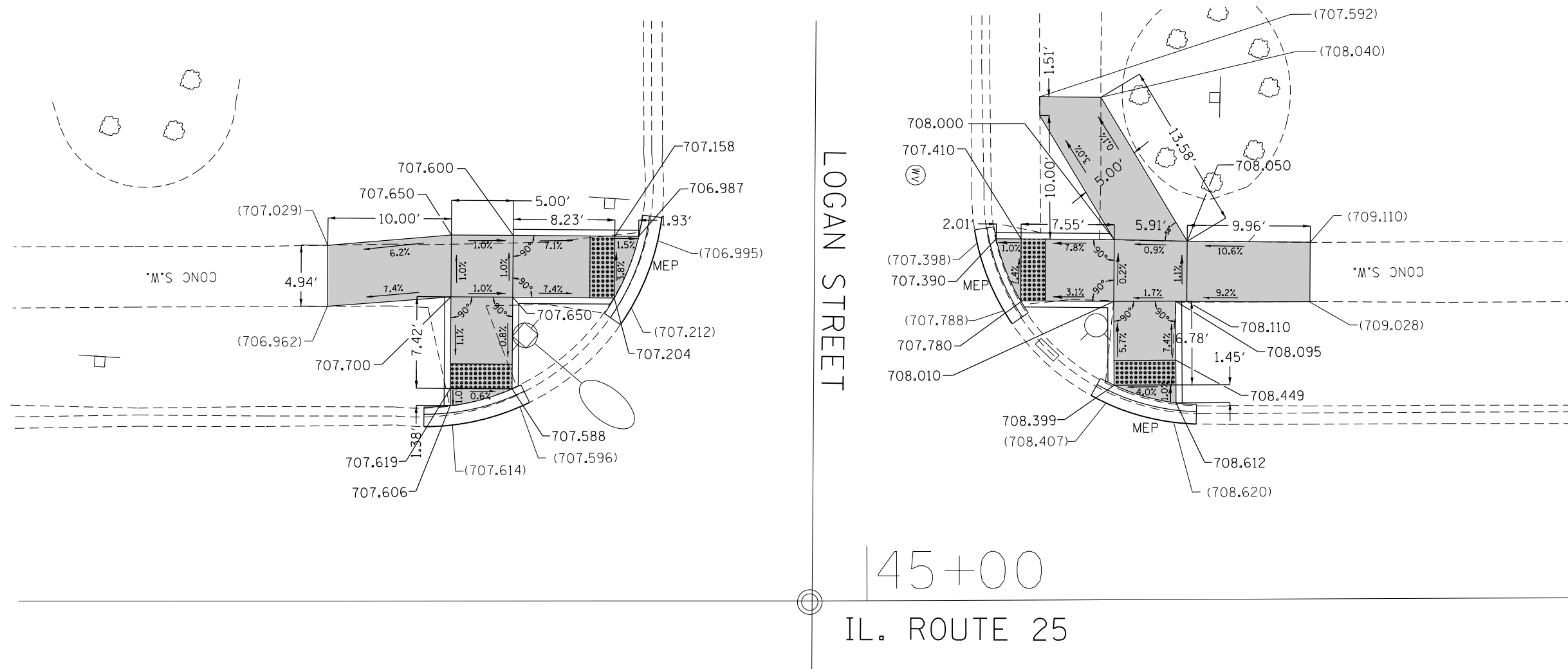
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Default	PLOT DATE = 2/16/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN
 IL 25 AT LAKE STREET, SE & NE CORNERS (STA. 41 + 70)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(44, 48, 46EXT.&52) RS-4	KANE	56	22
CONTRACT NO. 62B89				
ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK ELEV 708.673
 BENCHMARK : NORTHEAST BOLT ON FIRE HYDRANT
 LOCATION : NW CORNER OF INTERSECTION,
 6 FT WEST EOP OF IL 25

LEGEND



EXISTING LENGTH



PROPOSED SIDE CURB



EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
 REPLACE W/TOPSOIL & SOD

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -
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	PLOT DATE = 2/16/2017	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

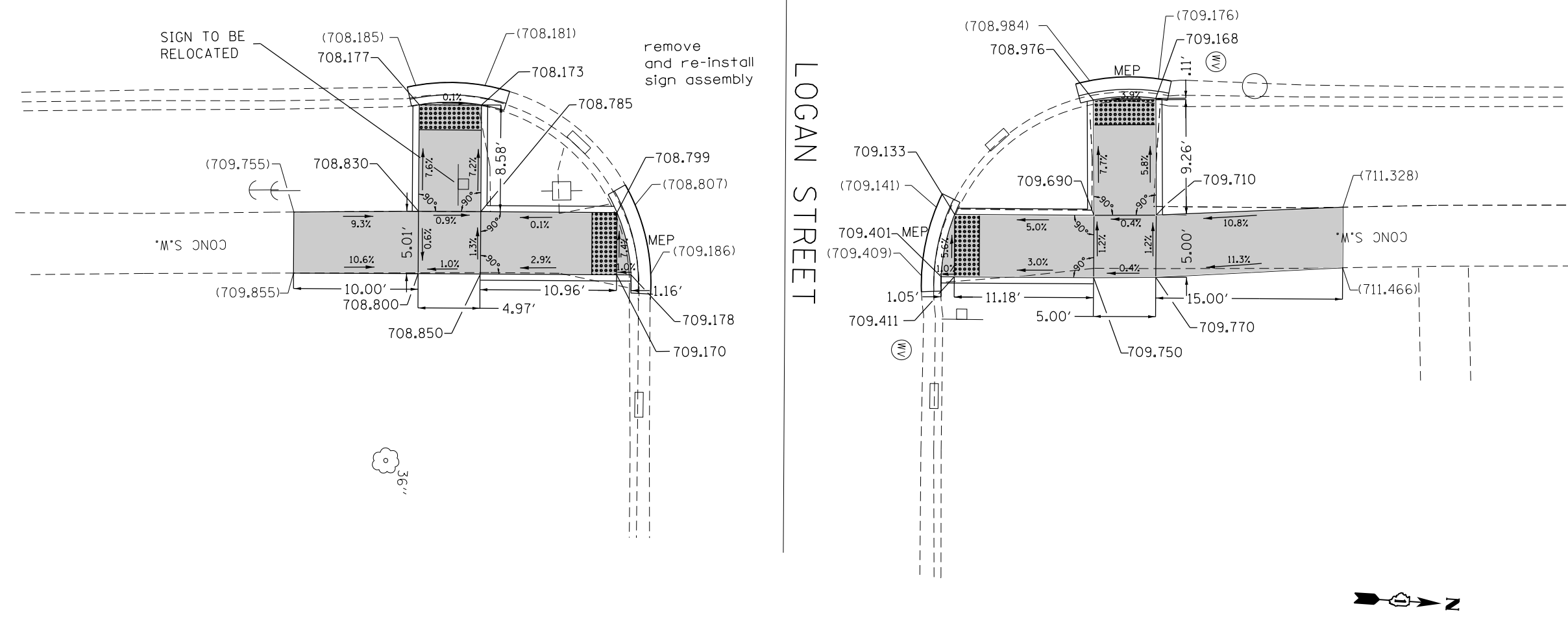
SIDEWALK DETAIL PLAN
 IL 25 AT LOGAN STREET, SW AND NW (STA. 45+00)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(44, 48, 46EXT.&52) RS-4	KANE	56	23
CONTRACT NO. 62B89				
ILLINOIS FED. AID PROJECT				

45+00
IL. ROUTE 25

LOGAN STREET



REFERENCE BENCHMARK ELEV 708.673
BENCHMARK : NORTHEAST BOLT ON FIRE HYDRANT
LOCATION : NW CORNER OF INTERSECTION,
6 FT WEST EOP OF IL 25

LEGEND

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

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -
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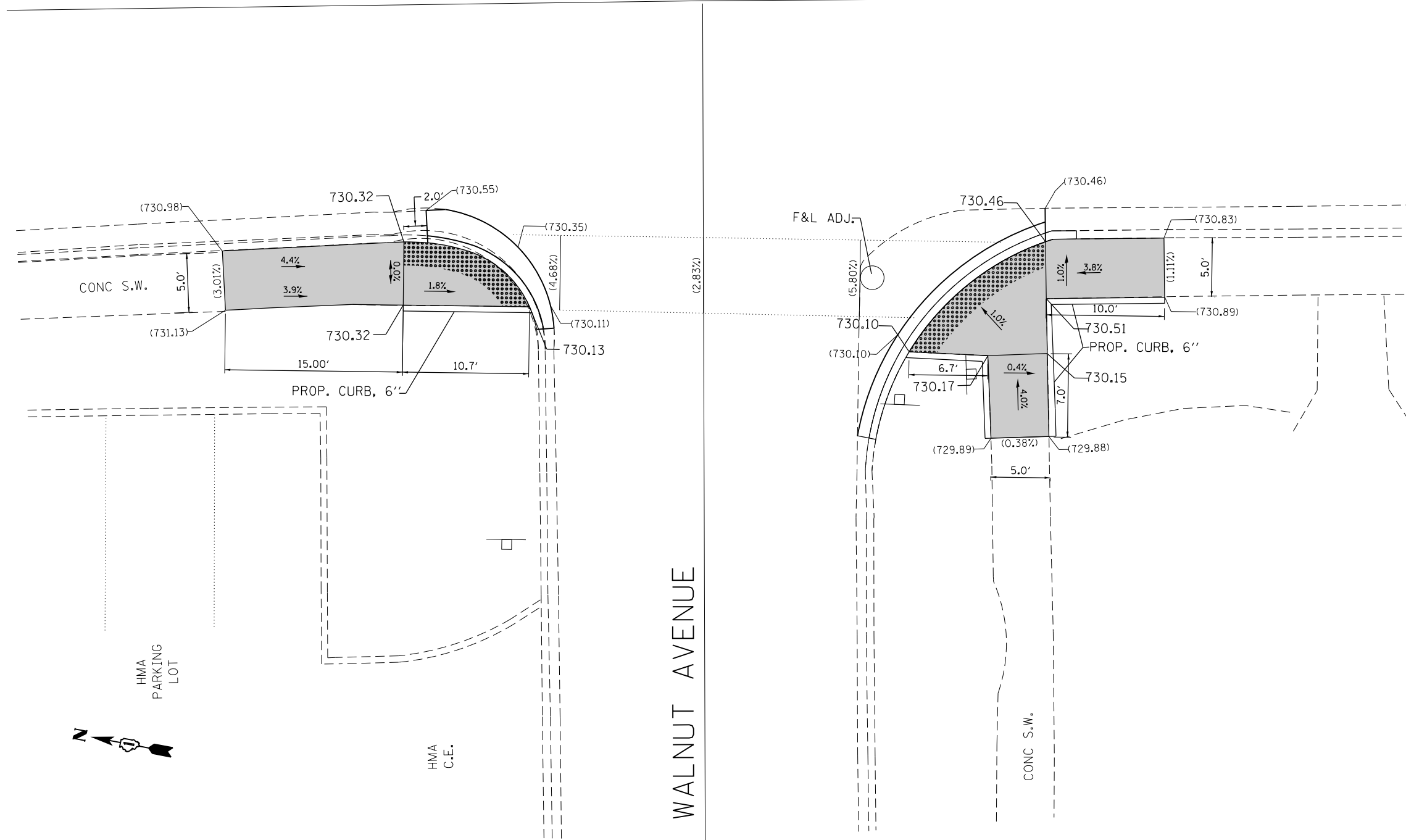
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
IL 25 AT LOGAN STREET, SE AND NE (STA. 45 + 00)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(44, 48, 46EXT.&52) RS-4	KANE	56	24
CONTRACT NO. 62B89				
ILLINOIS FED. AID PROJECT				

IL. ROUTE 25 (5TH AVENUE)



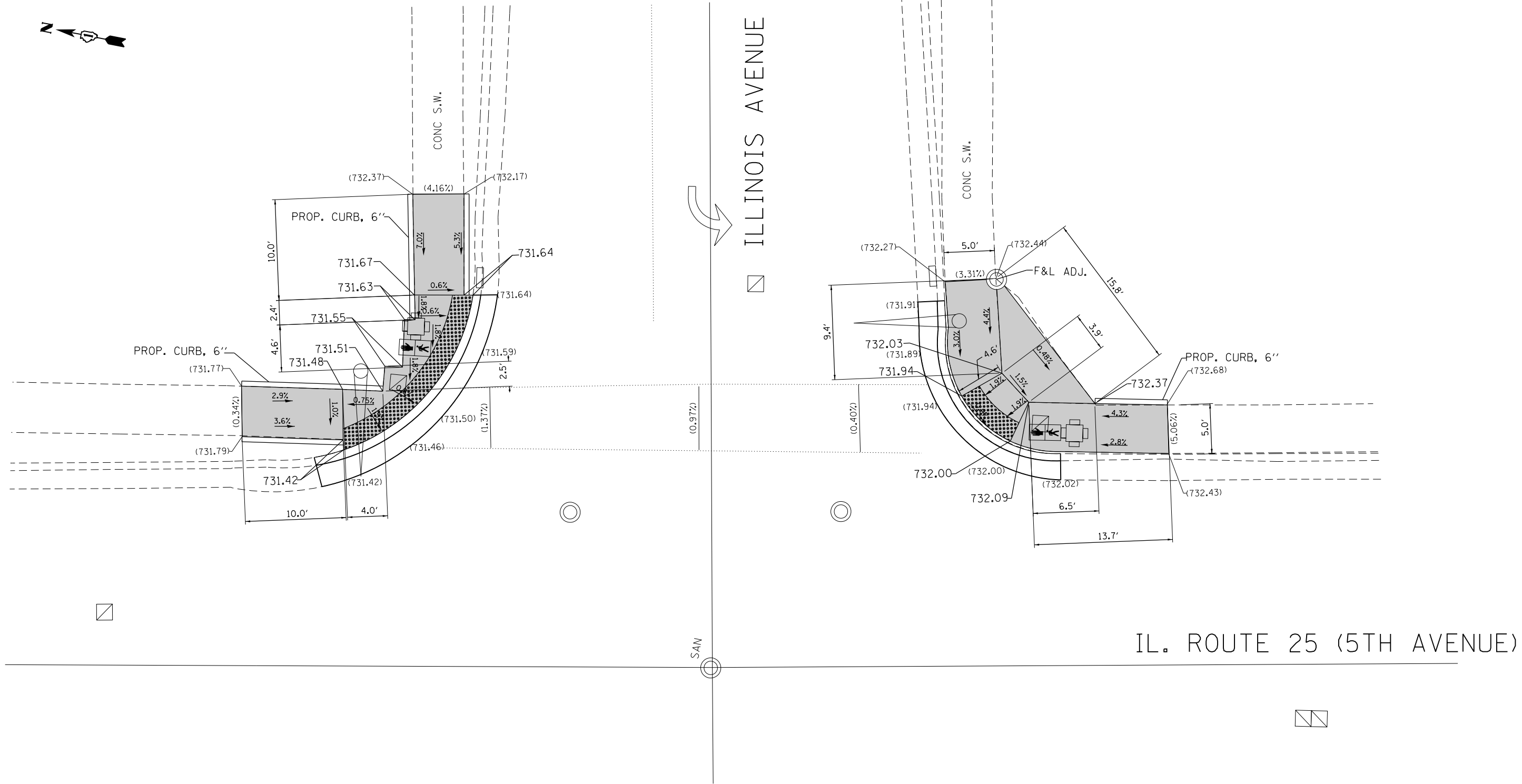
REFERENCE BENCHMARK ELEV 732.635
 BENCHMARK : NORTH EAST BOLT OF FIRE HYDRANT
 LOCATION : NORTH WEST CORNER OF IL ROUTE 25 AND WALNUT AVENUE

LEGEND

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

REFERENCE BENCHMARK ELEV 732.635
 BENCHMARK : NORTH EAST BOLT OF FIRE HYDRANT
 LOCATION : NORTH WEST CORNER OF IL ROUTE 25 AND WALNUT AVENUE

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA DETAILS IL ROUTE 25 AT WALNUT AVENUE				F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
Default		CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	2530	(44,48,46EXT.&52)RS-4	KANE	56	25
		DATE -	REVISED -						CONTRACT NO. 62B89				ILLINOIS FED. AID PROJECT			



REFERENCE BENCHMARK ELEV 732.910
 BENCHMARK : NORTH EAST CORNER OF THE TRAFFIC CONTROLLER BOX
 LOCATION : SOUTH WEST CORNER OF IL ROUTE 25 AND ILLINOIS AVENUE

LEGEND

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

REFERENCE BENCHMARK ELEV 732.910
 BENCHMARK : NORTH EAST CORNER OF THE TRAFFIC CONTROLLER BOX
 LOCATION : SOUTH WEST CORNER OF IL ROUTE 25 AND ILLINOIS AVENUE

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -
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	PLOT DATE = 2/16/2017	DATE -	REVISED -

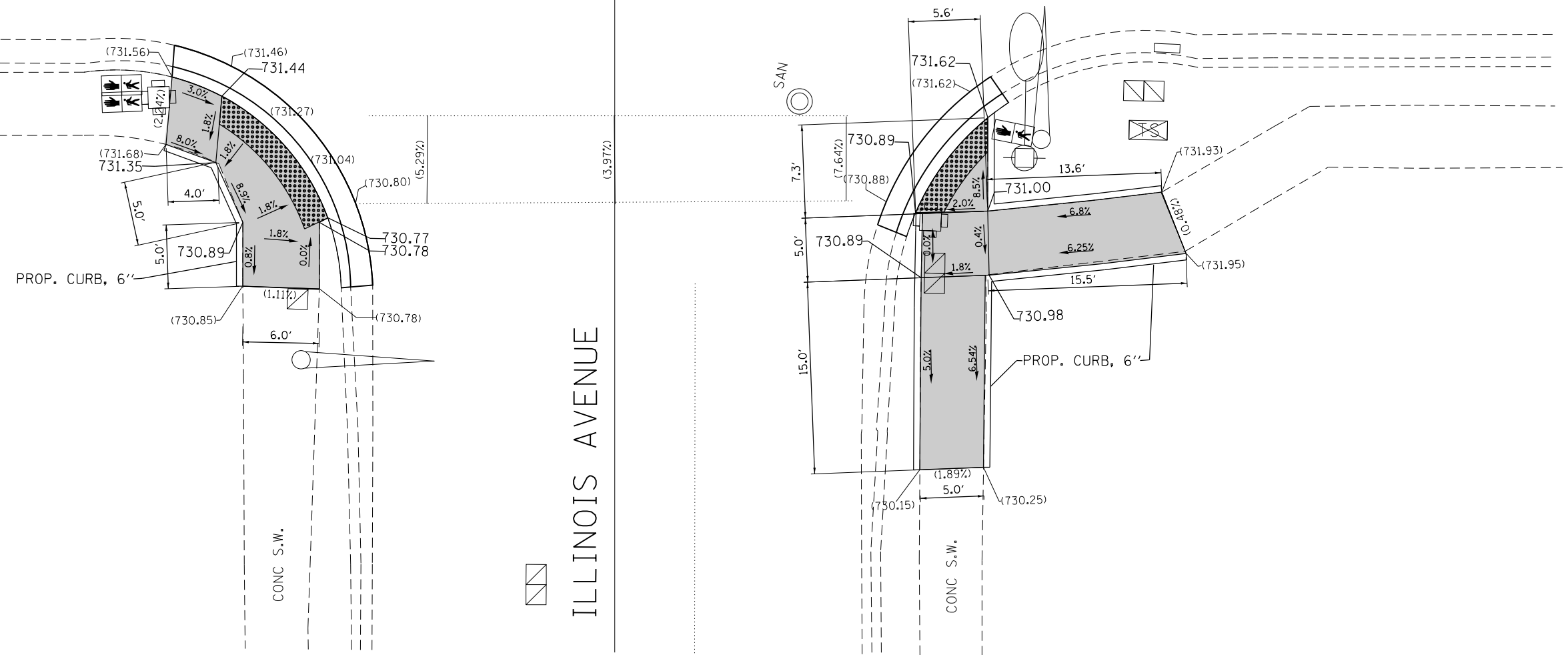
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA DETAILS
 IL ROUTE 25 AT ILLINOIS AVENUE (EAST SIDE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	(44,48,46EXT.&52)RS-4	KANE	56	26
CONTRACT NO. 62B89				
ILLINOIS FED. AID PROJECT				

IL. ROUTE 25 (5TH AVENUE)



REFERENCE BENCHMARK ELEV 732.910
 BENCHMARK : NORTH EAST CORNER OF THE TRAFFIC CONTROLLER BOX
 LOCATION : SOUTH WEST CORNER OF IL ROUTE 25 AND ILLINOIS AVENUE

LEGEND



EXISTING LENGTH



PROPOSED SIDE CURB



EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
 REPLACE W/TOPSOIL & SOD

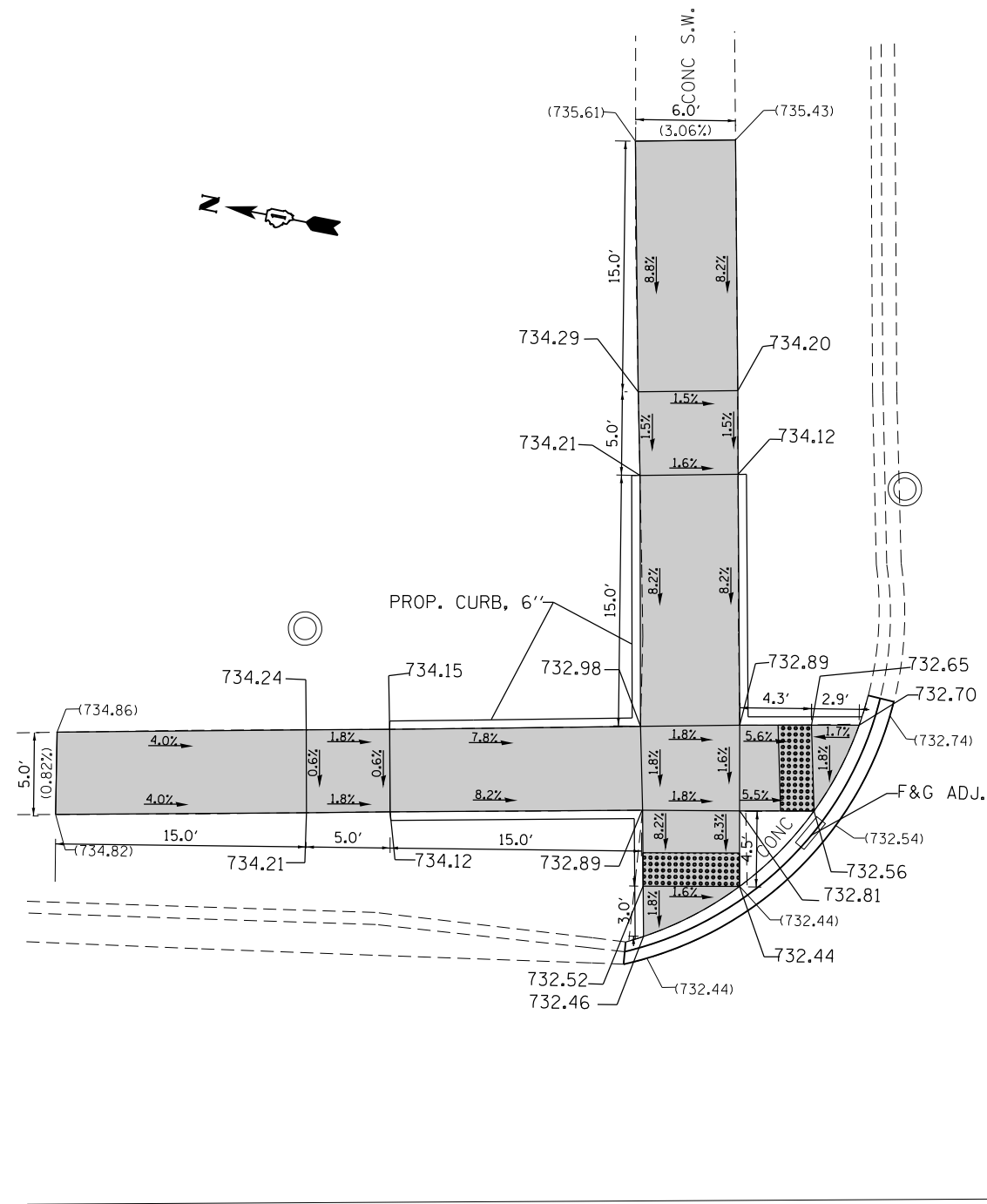
REFERENCE BENCHMARK ELEV 732.910
 BENCHMARK : NORTH EAST CORNER OF THE TRAFFIC CONTROLLER BOX
 LOCATION : SOUTH WEST CORNER OF IL ROUTE 25 AND ILLINOIS AVENUE

FILE NAME =	USER NAME = paraynoi	DESIGNED -	REVISED -
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	PLOT DATE = 2/16/2017	DATE -	REVISED -

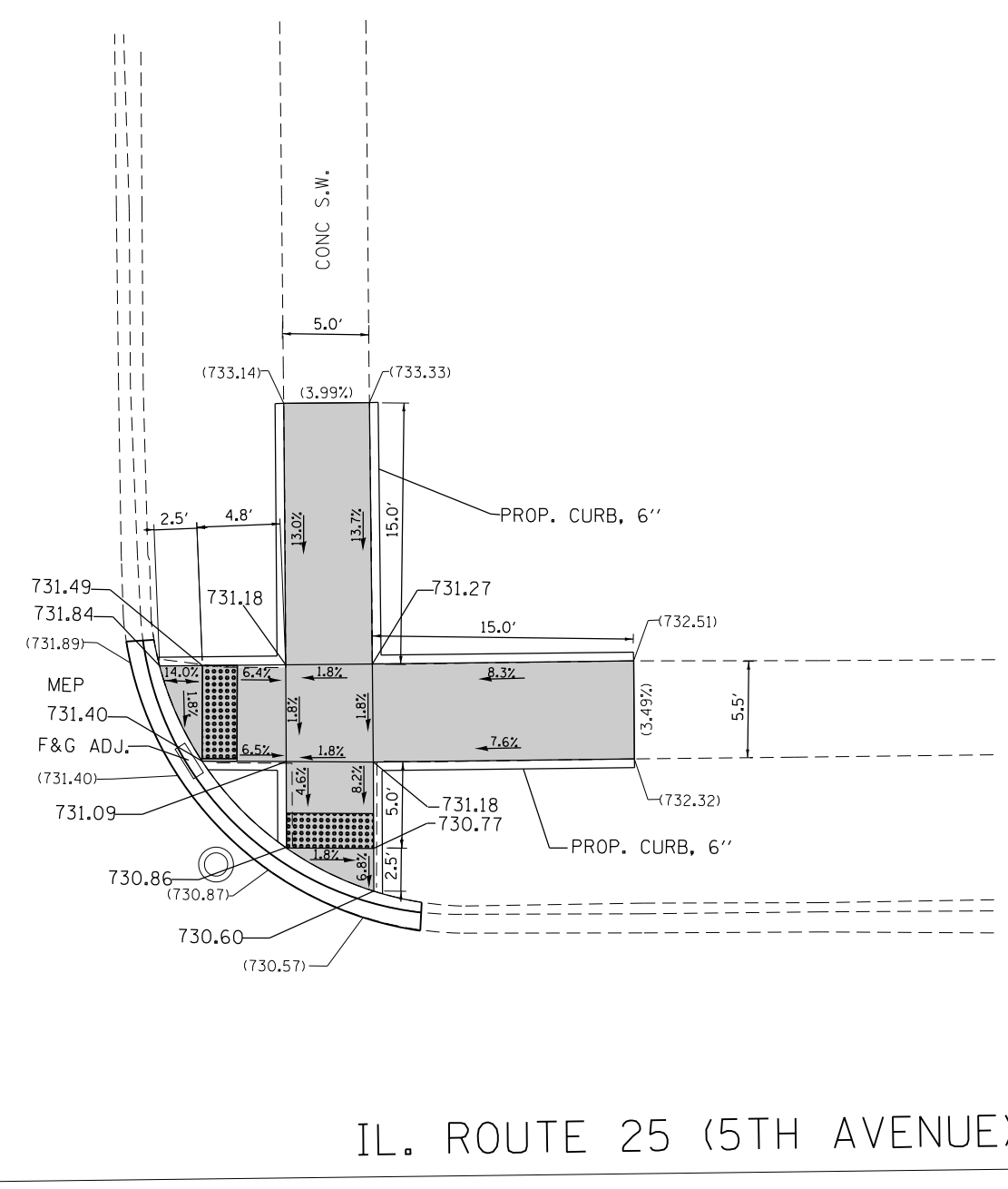
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ADA DETAILS
IL ROUTE 25 AT ILLINOIS AVENUE (WEST SIDE)
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	(44,48,46EXT.&52)RS-4	KANE	56	27
CONTRACT NO. 62B89			ILLINOIS FED. AID PROJECT	



INDIANA AVENUE



IL. ROUTE 25 (5TH AVENUE)

REFERENCE BENCHMARK ELEV 737.050
 BENCHMARK : NORTH EAST BOLT OF FIRE HYDRANT
 LOCATION : NORTH EAST CORNER OF IL ROUTE 25 AND INDIANA AVENUE

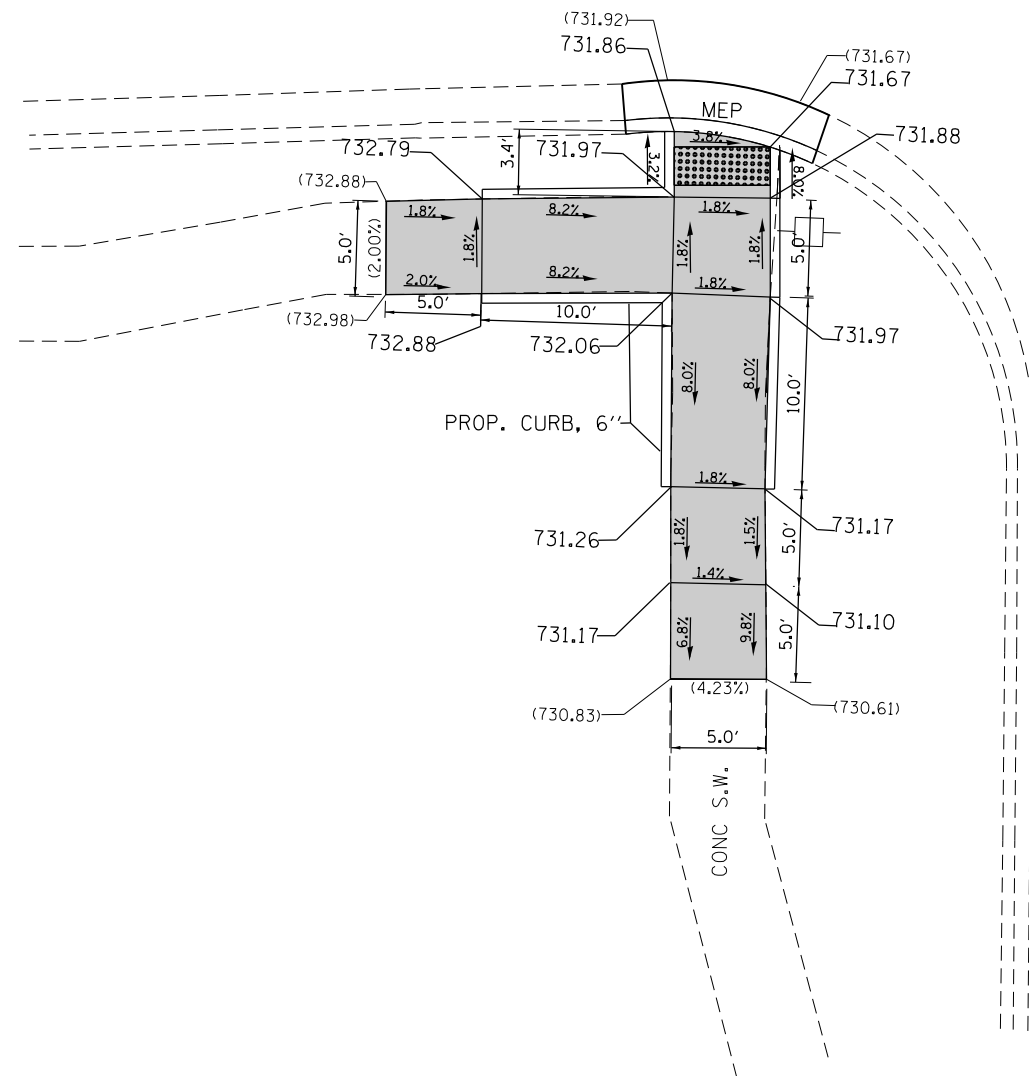
LEGEND

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

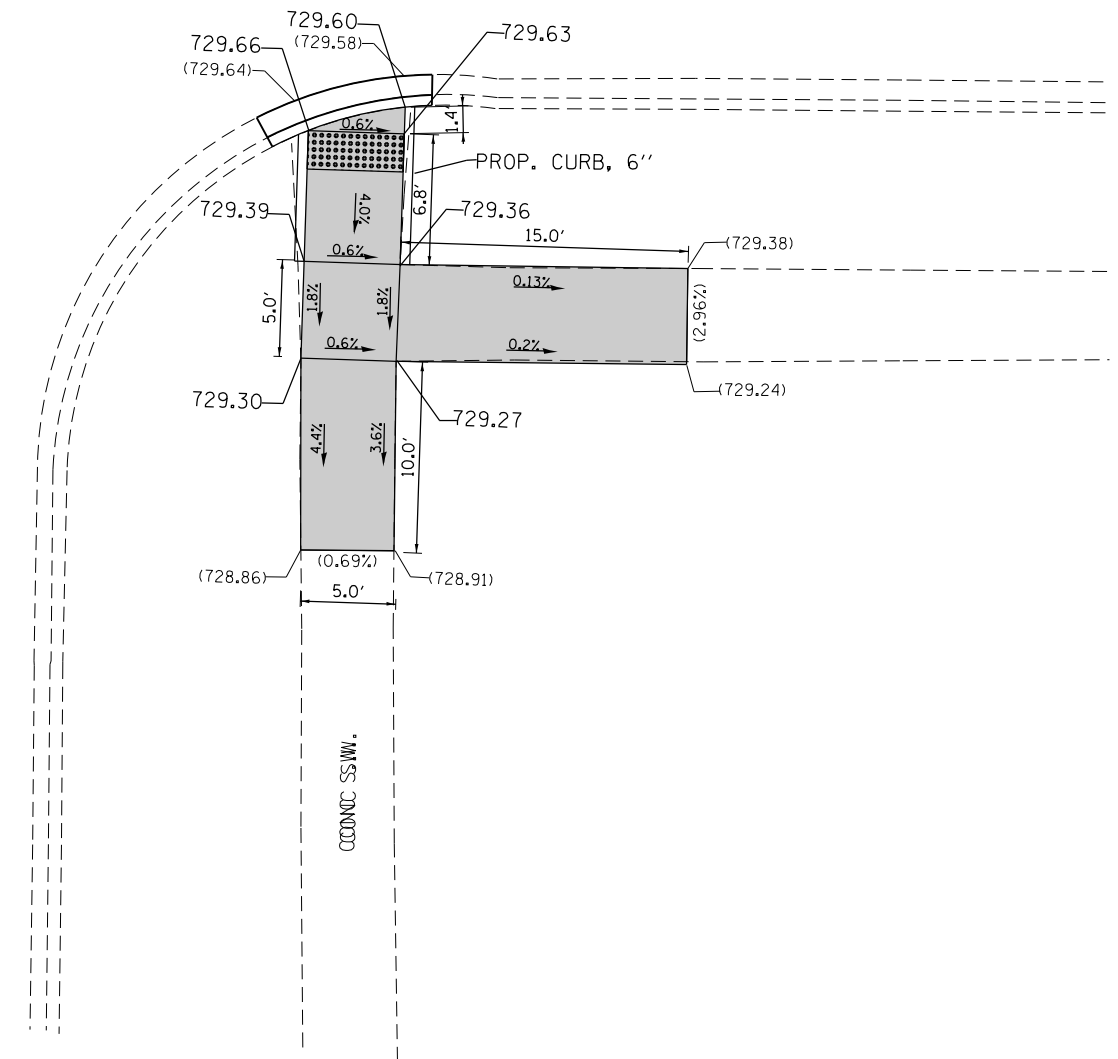
REFERENCE BENCHMARK ELEV 737.050
 BENCHMARK : NORTH EAST BOLT OF FIRE HYDRANT
 LOCATION : NORTH EAST CORNER OF IL ROUTE 25 AND INDIANA AVENUE

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA DETAILS IL ROUTE 25 AT INDIANA AVENUE (EAST SIDE)	F.A.U RTE. 2530	SECTION (44,48,46EXT.&52)RS-4	COUNTY KANE	TOTAL SHEETS 56	SHEET NO. 28
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		PLOT DATE = 2/16/2017	DATE -	REVISED -						
						CONTRACT NO. 62B89 ILLINOIS FED. AID PROJECT				

IL. ROUTE 25 (5TH AVENUE)



INDIANA AVENUE



REFERENCE BENCHMARK ELEV 737.050

BENCHMARK : NORTH EAST BOLT OF FIRE HYDRANT

LOCATION : NORTH EAST CORNER OF IL ROUTE 25 AND INDIANA AVENUE

LEGEND

xx.xx'

EXISTING LENGTH

=====

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 737.050

BENCHMARK : NORTH EAST BOLT OF FIRE HYDRANT

LOCATION : NORTH EAST CORNER OF IL ROUTE 25 AND INDIANA AVENUE

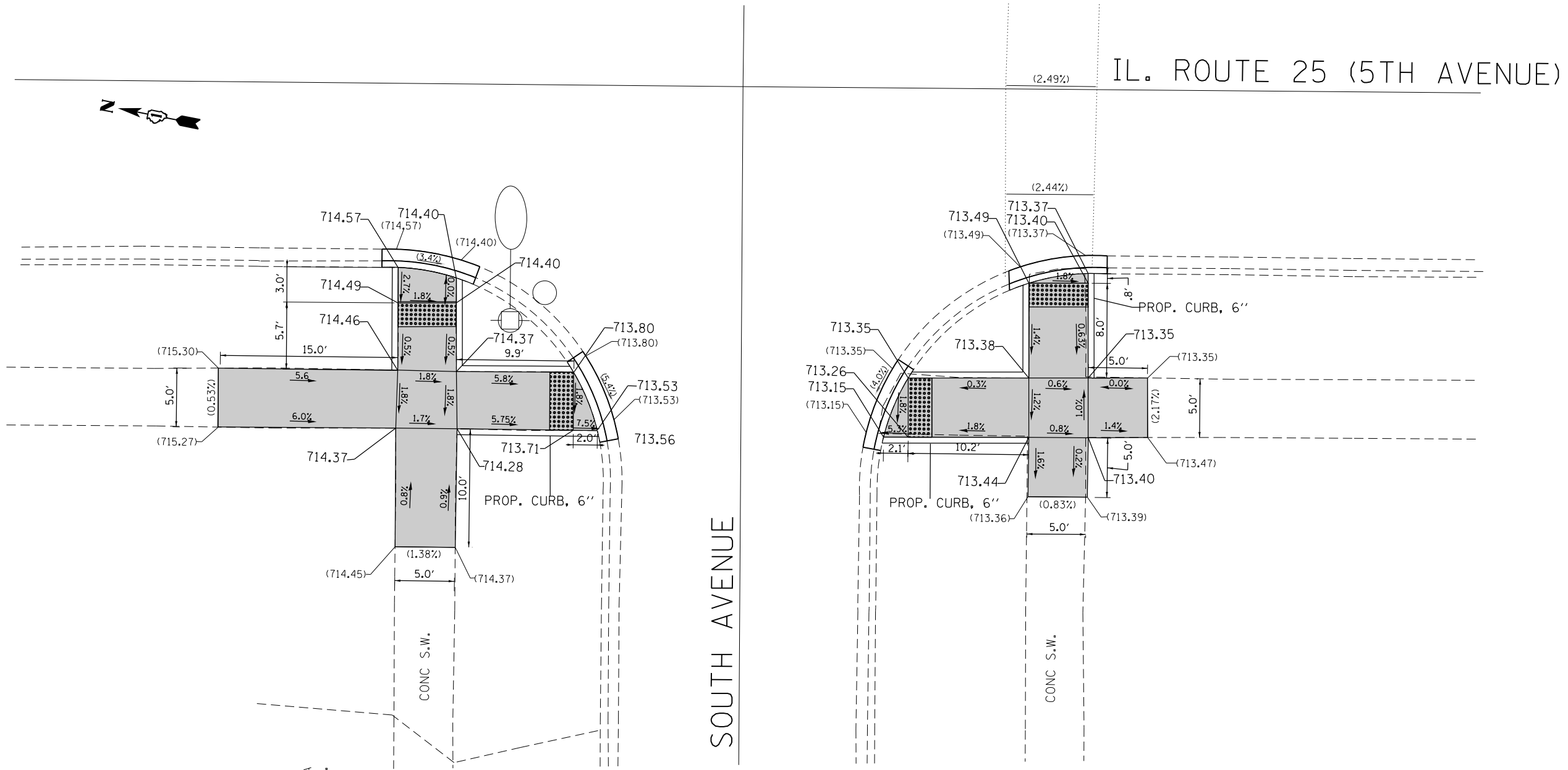
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
IL ROUTE 25 AT INDIANA AVENUE (WEST SIDE)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	(44,48,46EXT.&52)RS-4	KANE	56	29
CONTRACT NO. 62B89			ILLINOIS FED. AID PROJECT	



REFERENCE BENCHMARK ELEV 717.998
 BENCHMARK : X CUT IN SIDEWALK
 LOCATION : NORTH EAST CORNER OF IL ROUTE 25 AND SOUTH AVENUE

LEGEND

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

REFERENCE BENCHMARK ELEV 717.998
 BENCHMARK : X CUT IN SIDEWALK
 LOCATION : NORTH EAST CORNER OF IL ROUTE 25 AND SOUTH AVENUE

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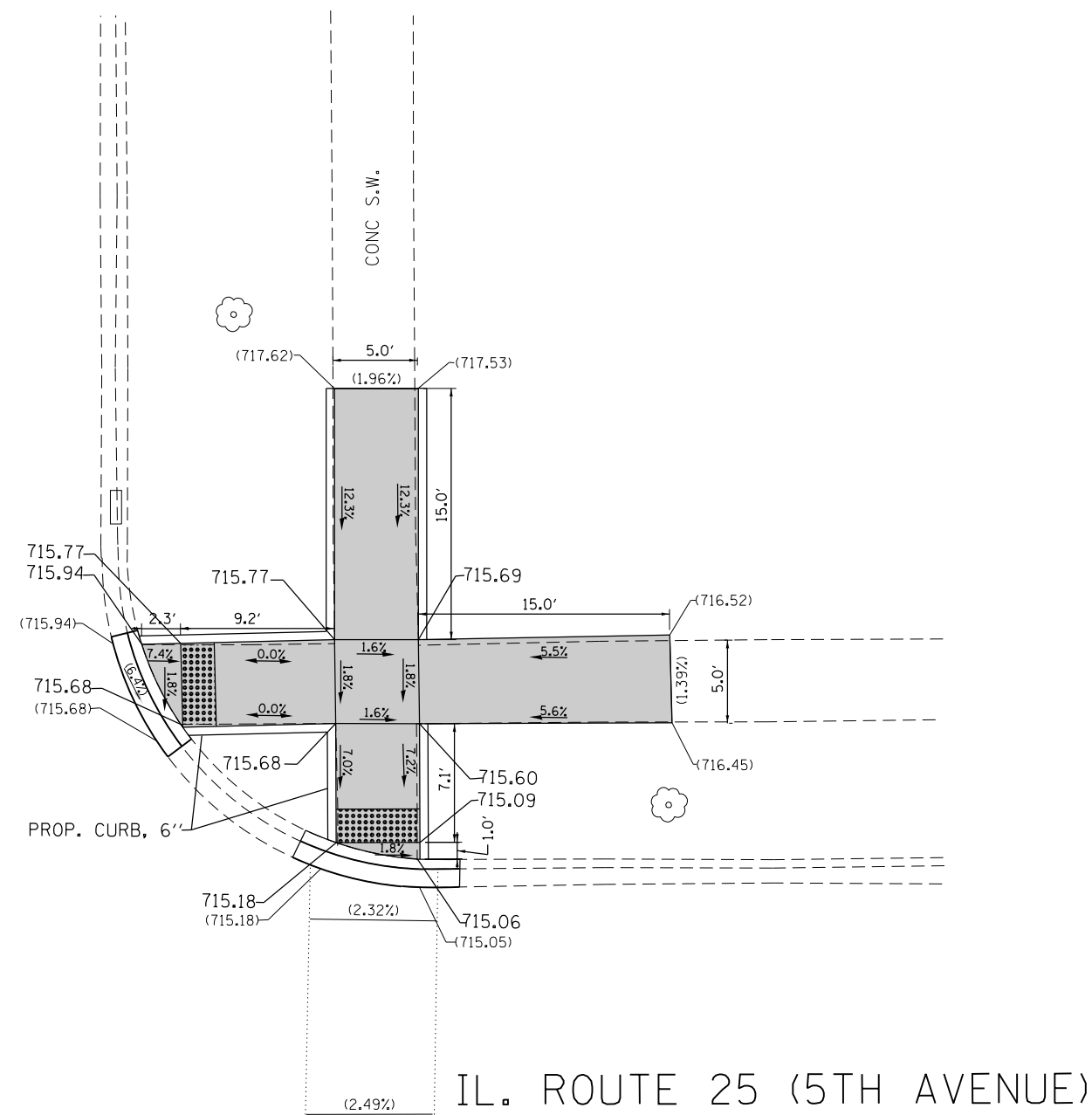
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ADA DETAILS			
IL ROUTE 25 AT SOUTH AVENUE (WEST SIDE)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	(44,48,46EXT.&52)RS-4	KANE	56	31
CONTRACT NO. 62B89				
ILLINOIS FED. AID PROJECT				



SOUTH AVENUE



REFERENCE BENCHMARK ELEV 717.998
 BENCHMARK : X CUT IN SIDEWALK
 LOCATION : NORTH EAST CORNER OF IL ROUTE 25 AND SOUTH AVENUE

LEGEND

xx.xx'

EXISTING LENGTH

=====

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
 REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 717.998
 BENCHMARK : X CUT IN SIDEWALK
 LOCATION : NORTH EAST CORNER OF IL ROUTE 25 AND SOUTH AVENUE

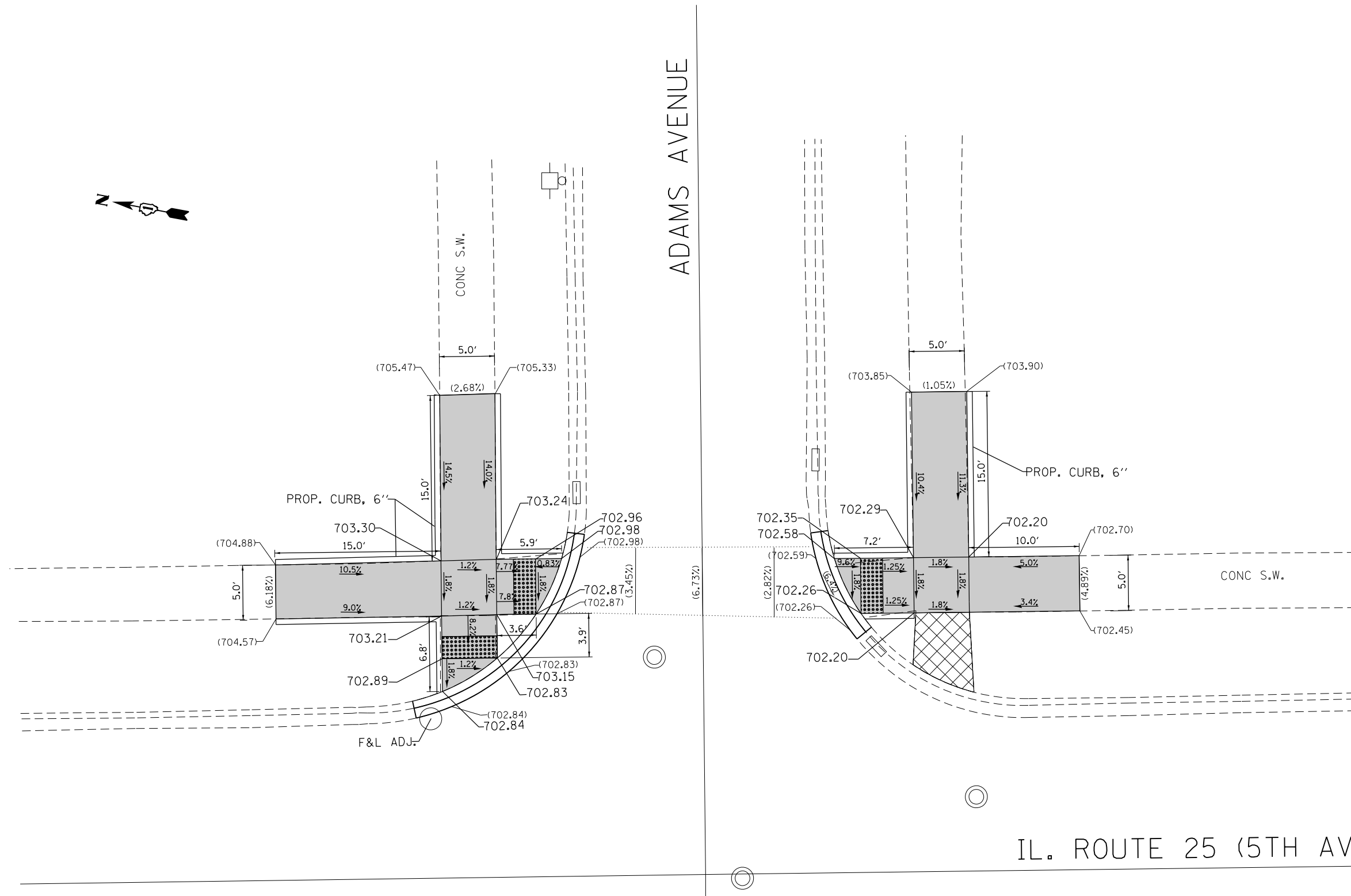
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA DETAILS
 IL ROUTE 25 AT SOUTH AVENUE (EAST SIDE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	(44,48,46EXT.&52)RS-4	KANE	56	32
				CONTRACT NO. 62B89
ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK ELEV 706.021
 BENCHMARK : SQUARE CUT IN CONCRETE PAVEMENT
 LOCATION : NORTH EAST CORNER OF IL ROUTE 25 AND ADAMS AVENUE

LEGEND

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

REFERENCE BENCHMARK ELEV 706.021
 BENCHMARK : SQUARE CUT IN CONCRETE PAVEMENT
 LOCATION : NORTH EAST CORNER OF IL ROUTE 25 AND ADAMS AVENUE

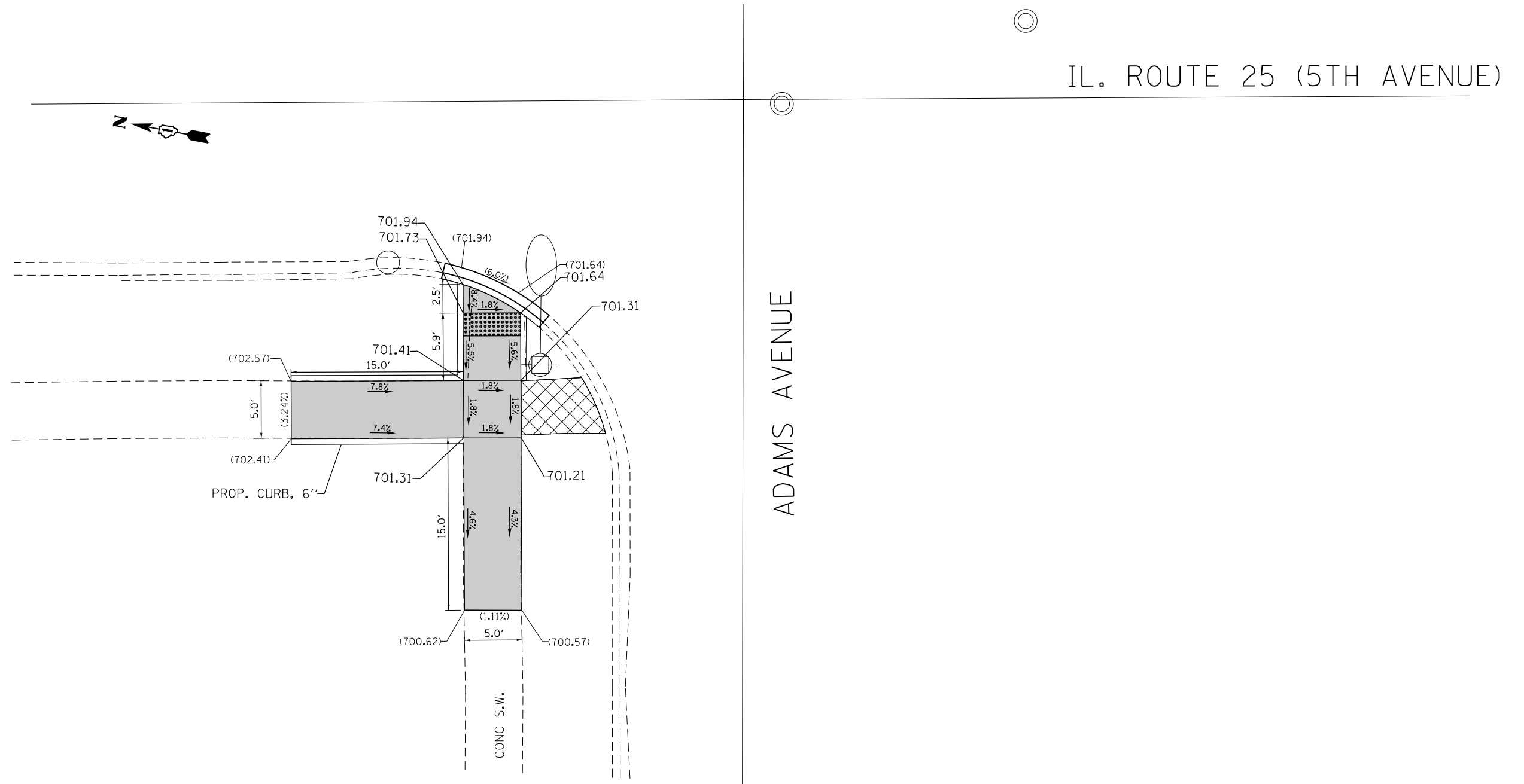
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/16/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA DETAILS
 IL ROUTE 25 AT ADAMS AVENUE (EAST SIDE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	444,48,46EXT.&52IRS-4	KANE	56	33
CONTRACT NO. 62B89				
ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK ELEV 706.021
 BENCHMARK : SQUARE CUT IN CONCRETE PAVEMENT
 LOCATION : NORTH EAST CORNER OF IL ROUTE 25 AND ADAMS AVENUE

LEGEND

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

REFERENCE BENCHMARK ELEV 706.021
 BENCHMARK : SQUARE CUT IN CONCRETE PAVEMENT
 LOCATION : NORTH EAST CORNER OF IL ROUTE 25 AND ADAMS AVENUE

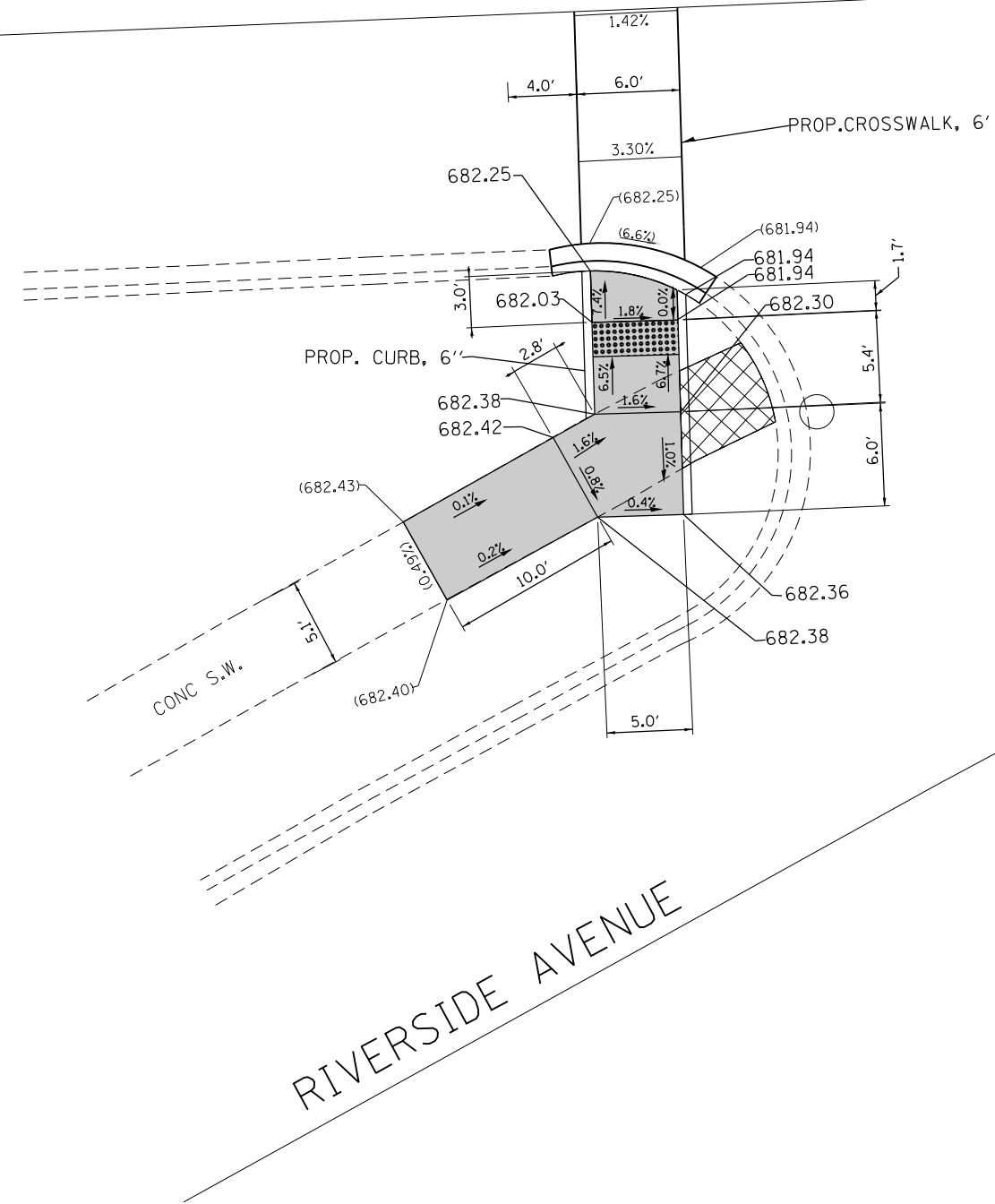
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/16/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA DETAILS			
IL ROUTE 25 AT ADAMS AVENUE (WEST SIDE)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	(44,48,46EXT.&52)RS-4	KANE	56	34
CONTRACT NO. 62B89				
ILLINOIS FED. AID PROJECT				

IL. ROUTE 25 (5TH AVENUE)



REFERENCE BENCHMARK ELEV 683.129
 BENCHMARK : X CUT APPROXIMATELY 125 FEET NORTH OF CATCH BASIN (CB)
 LOCATION : NORTH SIDE OF IL ROUTE 25 AND ADAMS AVENUE

LEGEND

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

REFERENCE BENCHMARK ELEV 683.129
 BENCHMARK : X CUT APPROXIMATELY 125 FEET NORTH OF CATCH BASIN (CB)
 LOCATION : NORTH SIDE OF IL ROUTE 25 AND ADAMS AVENUE

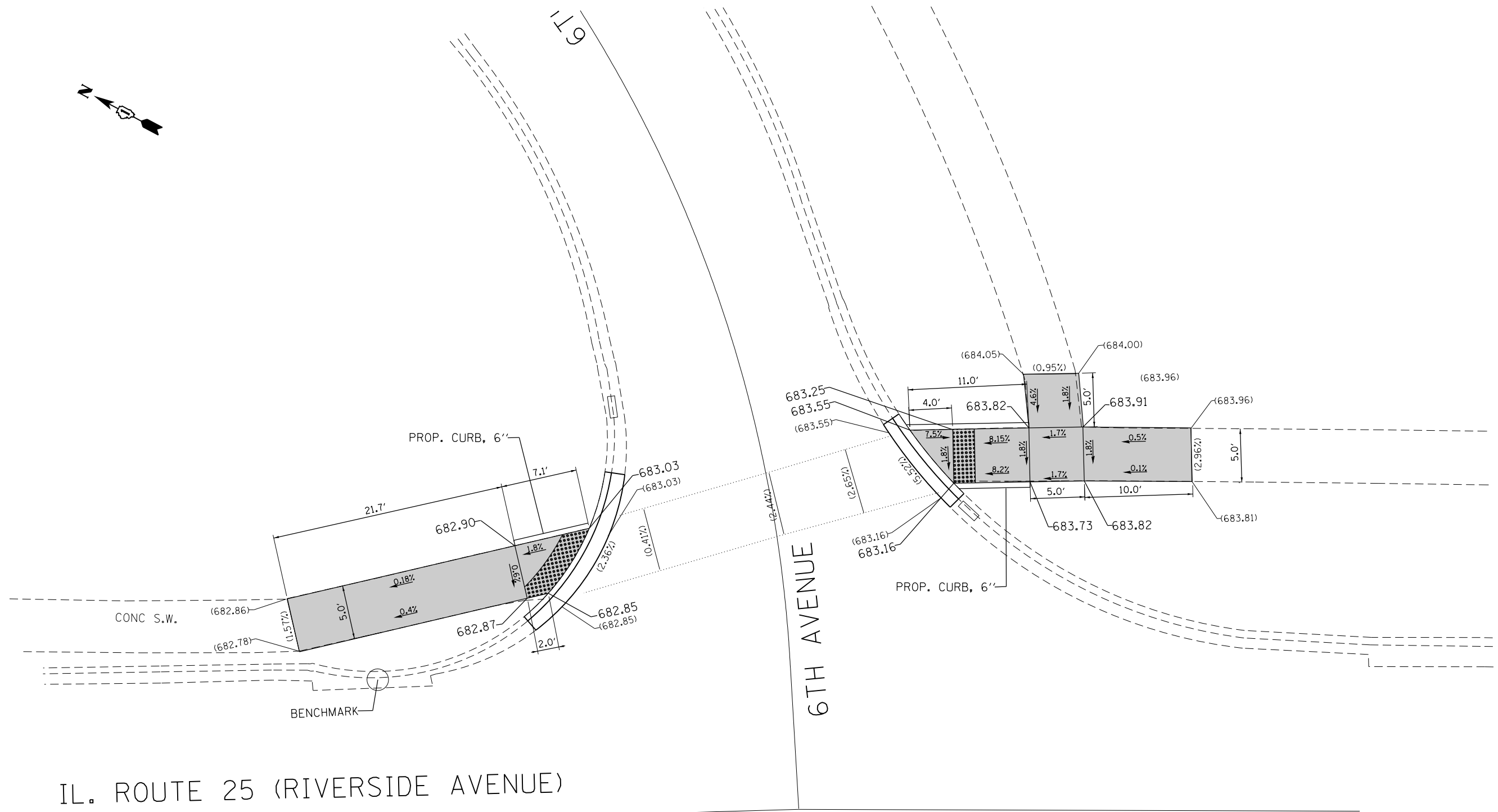
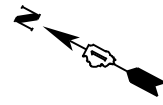
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	PLOT DATE = 2/16/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA DETAILS
 IL ROUTE 25 AT RIVERSIDE AVENUE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	444,48,46EXT.&52IRS-4	KANE	56	35
CONTRACT NO. 62B89				
ILLINOIS FED. AID PROJECT				



IL. ROUTE 25 (RIVERSIDE AVENUE)

<p>REFERENCE BENCHMARK ELEV 682.433</p> <p>BENCHMARK : TOP OF CATCH BASIN (CB) ON IL ROUTE 25</p> <p>LOCATION : NORTH EAST CORNER OF IL ROUTE 25 AND 6TH AVENUE</p>	<p>LEGEND</p> <p>xx.xx' EXISTING LENGTH</p> <p>==== PROPOSED SIDE CURB</p> <p>() EXISTING ELEVATION/SLOPE</p> <p>□ PROPOSED SIDEWALK</p> <p>□ DETECTABLE WARNINGS</p> <p>▣ SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD</p>	<p>REFERENCE BENCHMARK ELEV 682.433</p> <p>BENCHMARK : TOP OF CATCH BASIN (CB) ON IL ROUTE 25</p> <p>LOCATION : NORTH EAST CORNER OF IL ROUTE 25 AND 6TH AVENUE</p>
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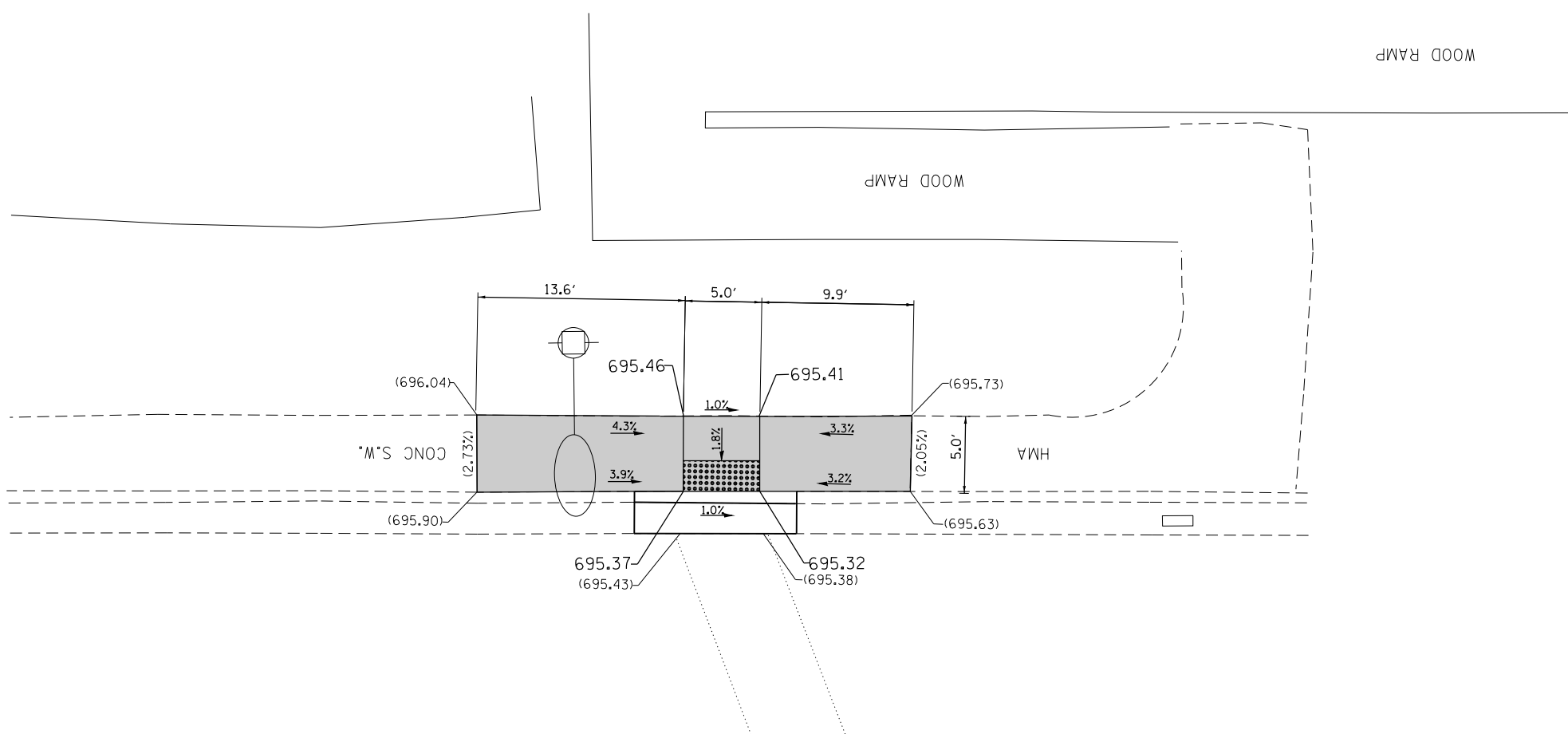
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

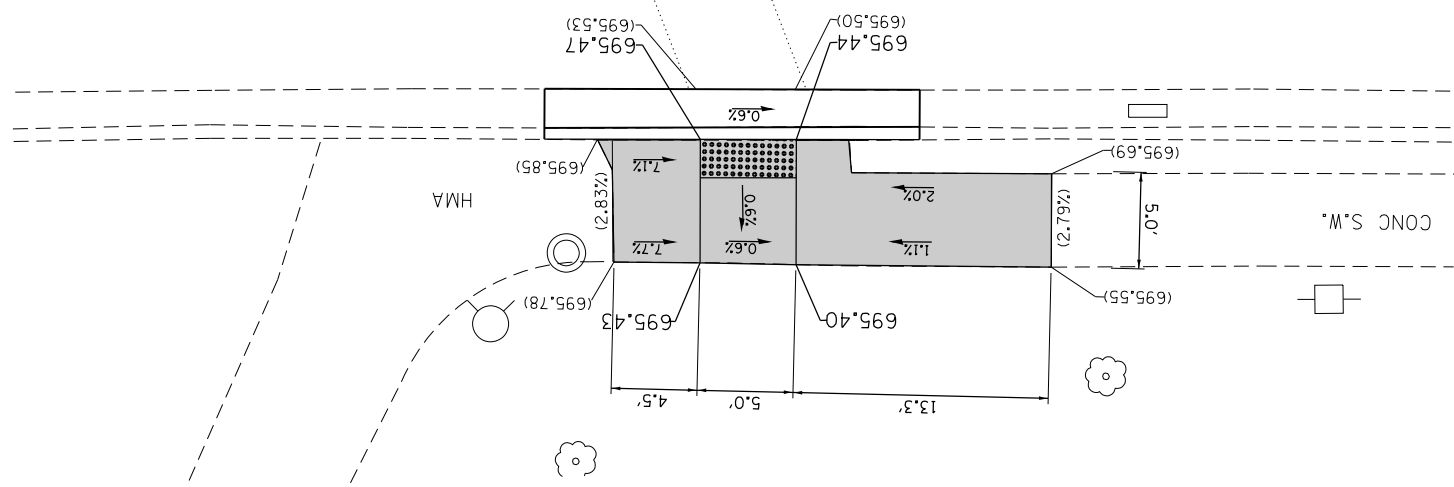
**ADA DETAILS
IL ROUTE 25 AT 6TH AVENUE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	(44,48,46EXT.&52)RS-4	KANE	56	36
CONTRACT NO. 62B89				
ILLINOIS FED. AID PROJECT				



IL. ROUTE 25 (BENNETT AVENUE)



<p>REFERENCE BENCHMARK ELEV 696.709</p> <p>BENCHMARK : NORTHERNLY BOLT OF FIRE HYDRANT</p> <p>LOCATION : STA 179+90, RT</p>	<h3>LEGEND</h3> <p>xx.xx' EXISTING LENGTH</p> <p>==== PROPOSED SIDE CURB</p> <p>() EXISTING ELEVATION/SLOPE</p> <p>□ PROPOSED SIDEWALK</p> <p>□ DETECTABLE WARNINGS</p> <p>▣ SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD</p>	<p>REFERENCE BENCHMARK ELEV 696.709</p> <p>BENCHMARK : NORTHERNLY BOLT OF FIRE HYDRANT</p> <p>LOCATION : STA 179+90, RT</p>
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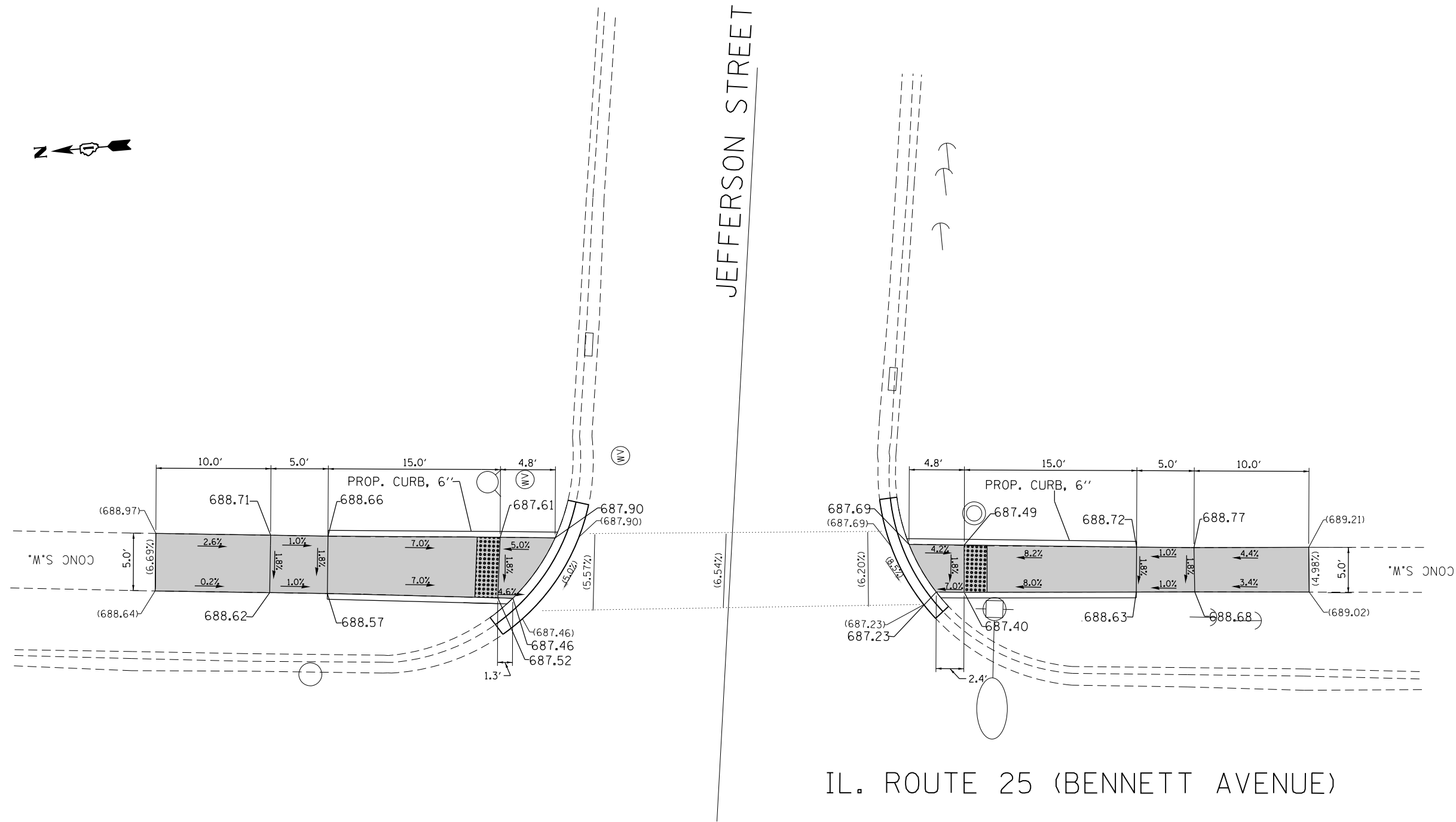
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA DETAILS
IL ROUTE 25 AT MID-BLOCK CROSSING (STA 180+00)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	(44,48,46EXT.&52)RS-4	KANE	56	37
CONTRACT NO. 62B89				
ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK ELEV 690.695

BENCHMARK : NORTH EAST BOLT OF FIRE HYDRANT

LOCATION : NORTH EAST CORNER OF IL ROUTE 25 AND JEFFERSON STREET

LEGEND



EXISTING LENGTH



PROPOSED SIDE CURB



EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 690.695

BENCHMARK : NORTH EAST BOLT OF FIRE HYDRANT

LOCATION : NORTH EAST CORNER OF IL ROUTE 25 AND JEFFERSON STREET

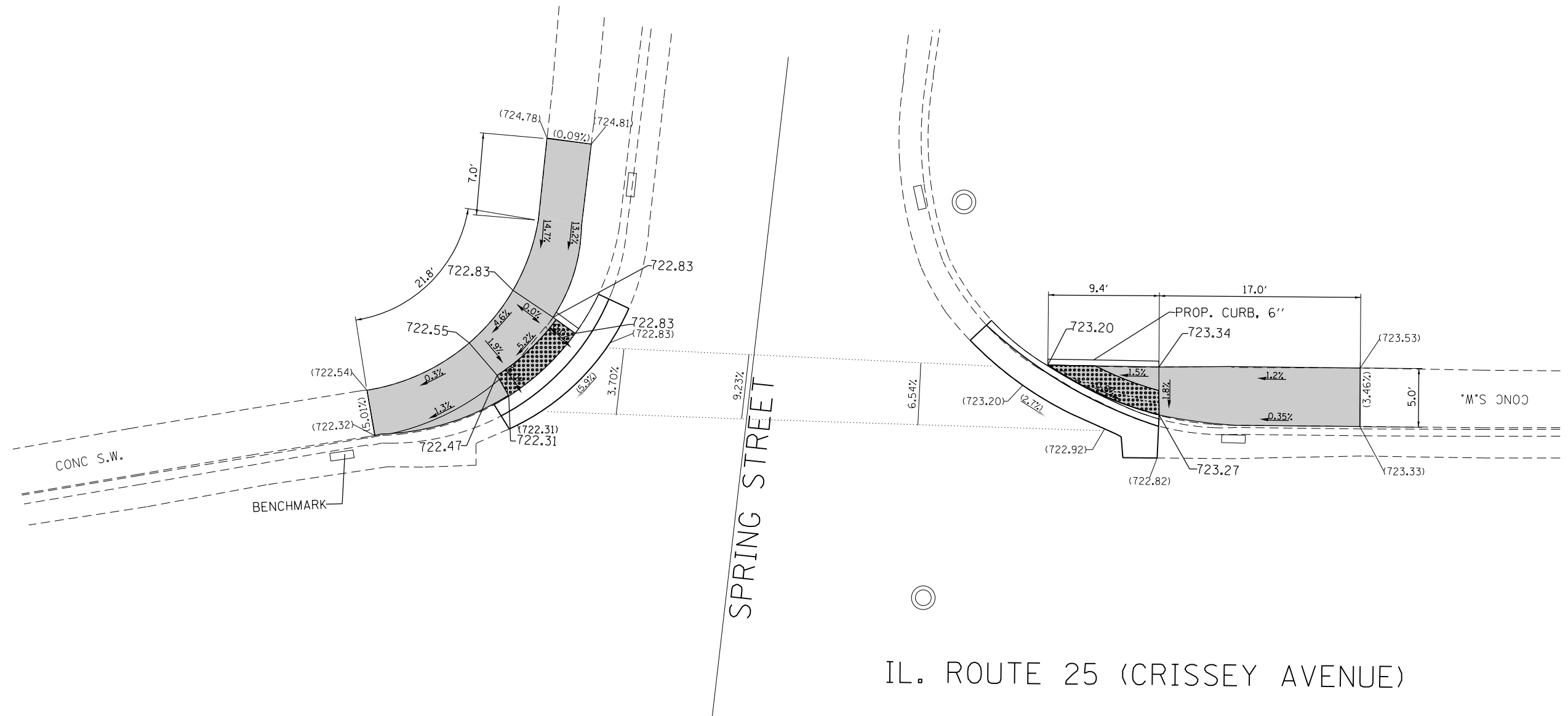
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	PLOT DATE = 2/16/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
IL ROUTE 25 AT JEFFERSON STREET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	(44,48,46EXT.&52)RS-4	KANE	56	38
CONTRACT NO. 62B89			ILLINOIS FED. AID PROJECT	



IL. ROUTE 25 (CRISSEY AVENUE)

REFERENCE BENCHMARK ELEV 721.926
 BENCHMARK : TOP OF DROP INLET ON IL ROUTE 25
 LOCATION : NORTH EAST CORNER OF IL ROUTE 25 AND 6TH AVENUE

LEGEND

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

REFERENCE BENCHMARK ELEV 721.926
 BENCHMARK : TOP OF DROP INLET ON IL ROUTE 25
 LOCATION : NORTH EAST CORNER OF IL ROUTE 25 AND 6TH AVENUE

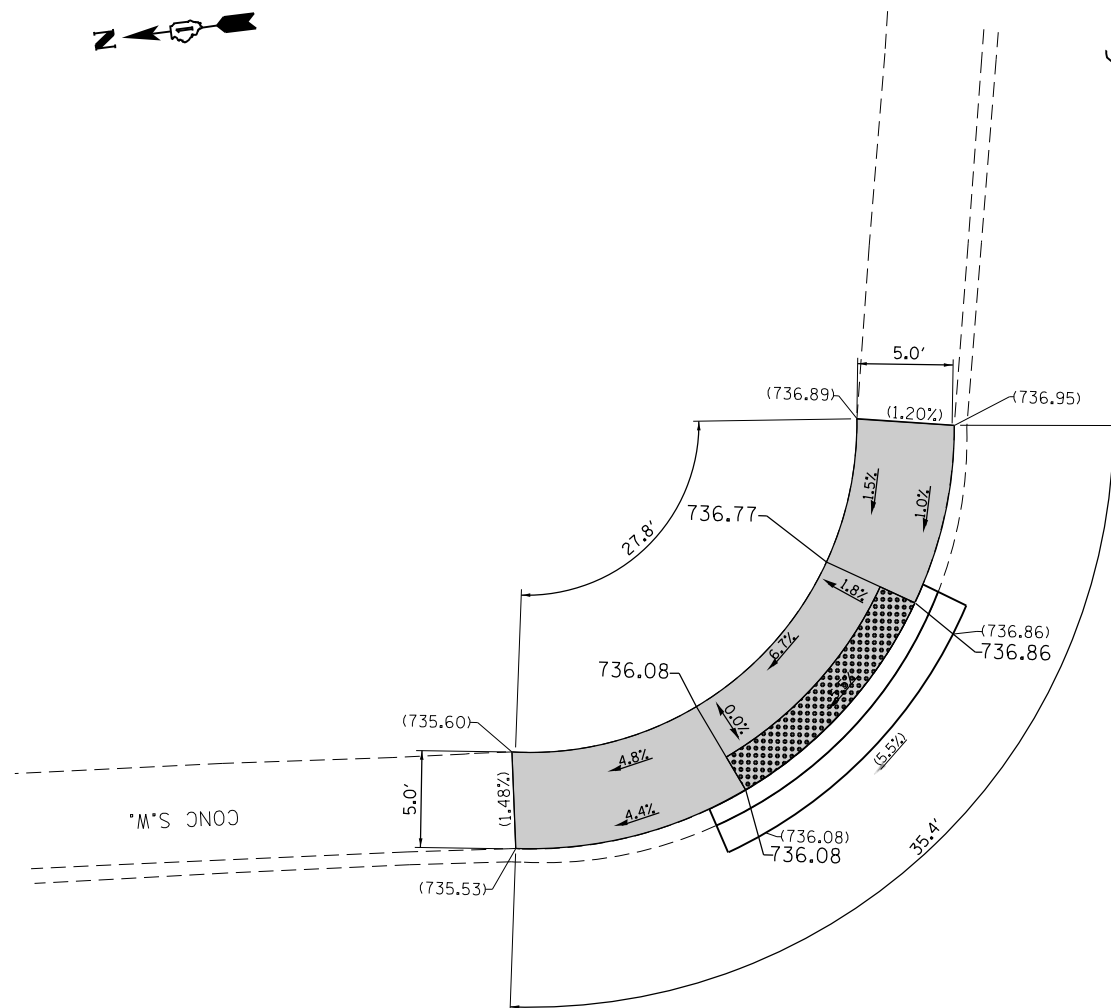
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	PLOT DATE = 2/16/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

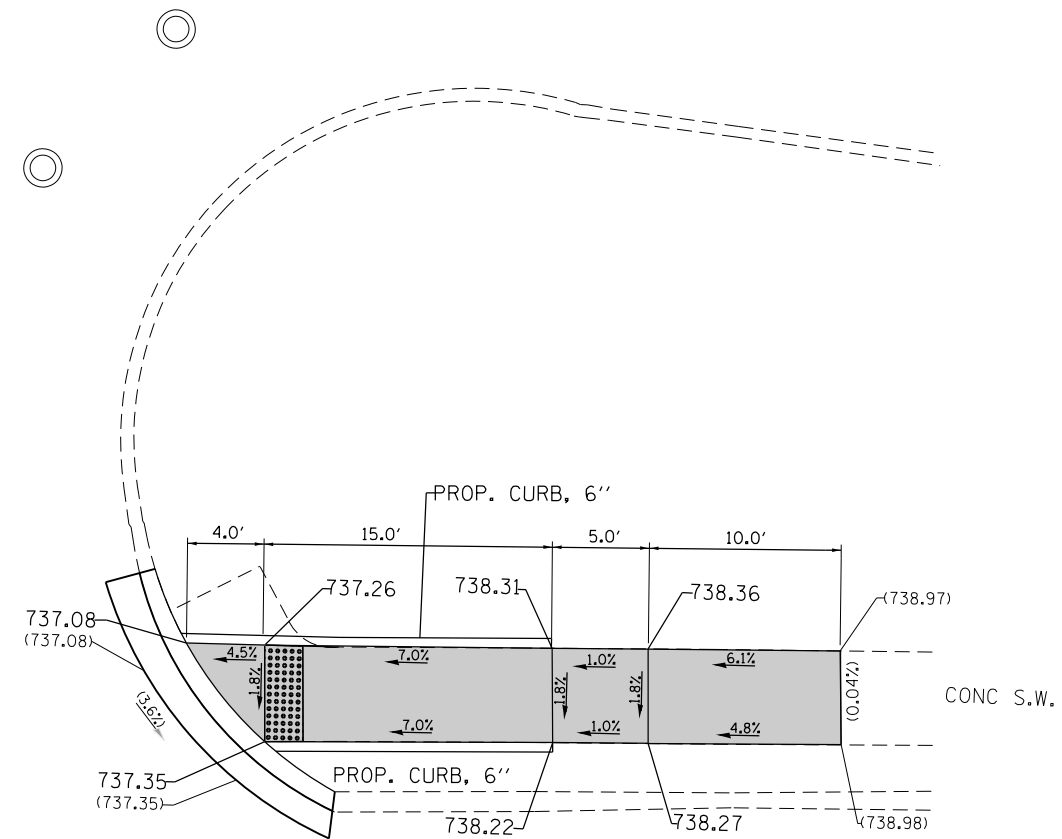
**ADA DETAILS
 IL ROUTE 25 AT SPRING STREET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	(44,48,46EXT.&52)RS-4	KANE	56	39
CONTRACT NO. 62B89				
ILLINOIS FED. AID PROJECT				



CHALMERS DRIVE



IL. ROUTE 25 (CRISSEY AVENUE)

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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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

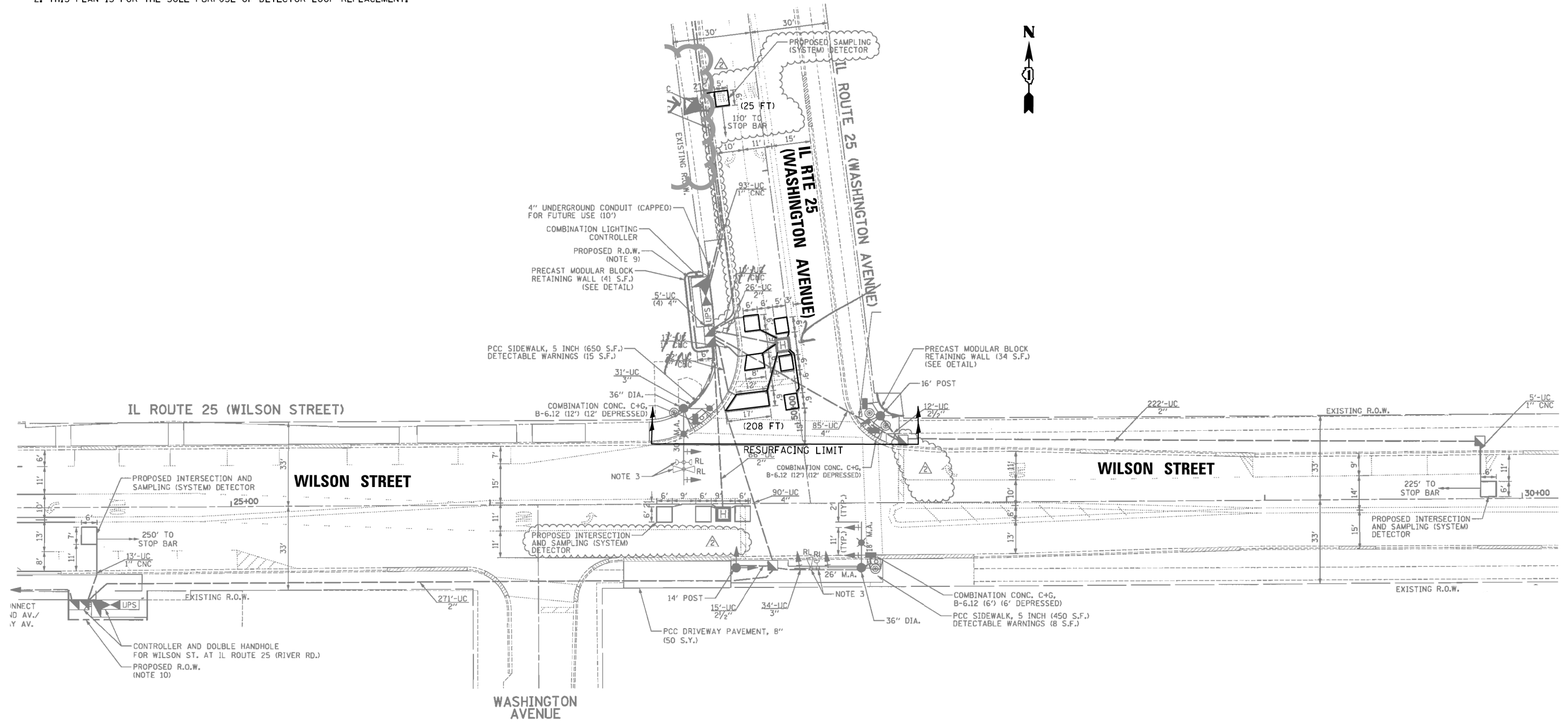
**ADA DETAILS
IL ROUTE 25 AT CHALMERS AVENUE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	(44,48,46EXT.&52)RS-4	KANE	56	40
CONTRACT NO. 62B89				
ILLINOIS FED. AID PROJECT				

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	233	FOOT

FILE NAME = TS 785 IL 25 & WILSON ST_11162016.dgn	USER NAME = jovanmerdztg	DESIGNED - ZGJ	REVISED -
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		CHECKED - LP	REVISED -
		DATE - 11/16/2016	REVISED -

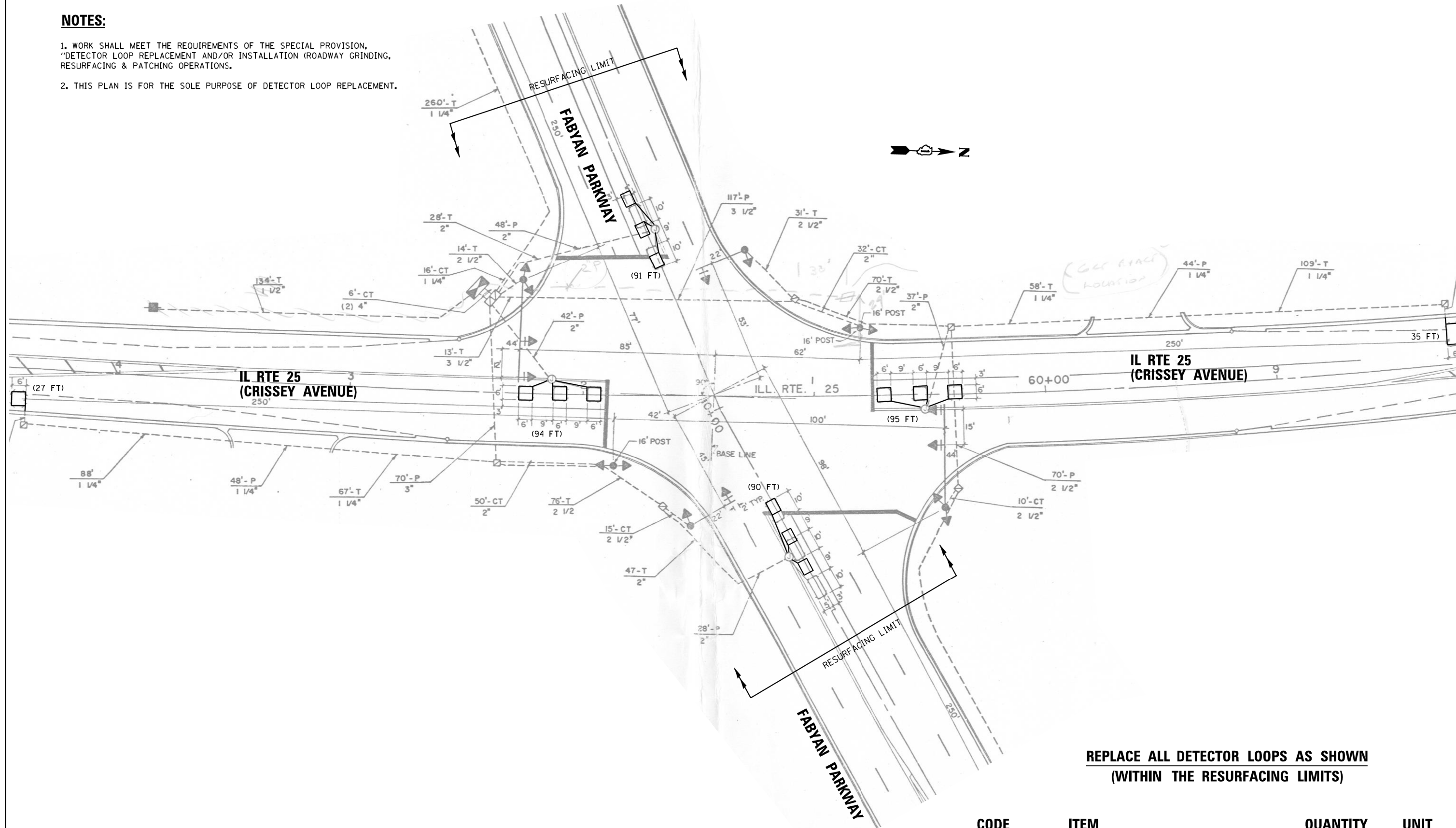
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT PLAN			
IL RTE 25 (WASHINGTON AVENUE) AT WILSON STREET			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(44, 48, 46EXT.&52) RS-4	KANE	56	41
CONTRACT NO. 62B89				
ILLINOIS FED. AID PROJECT				

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	432	FOOT

FILE NAME = TS 780 IL 25 & FABYAN PARKWAY_11232016.dgn	USER NAME = jvanmerdztg	DESIGNED - ZGJ	REVISED -
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		CHECKED - LP	REVISED -
		DATE - 11/23/2016	REVISED -

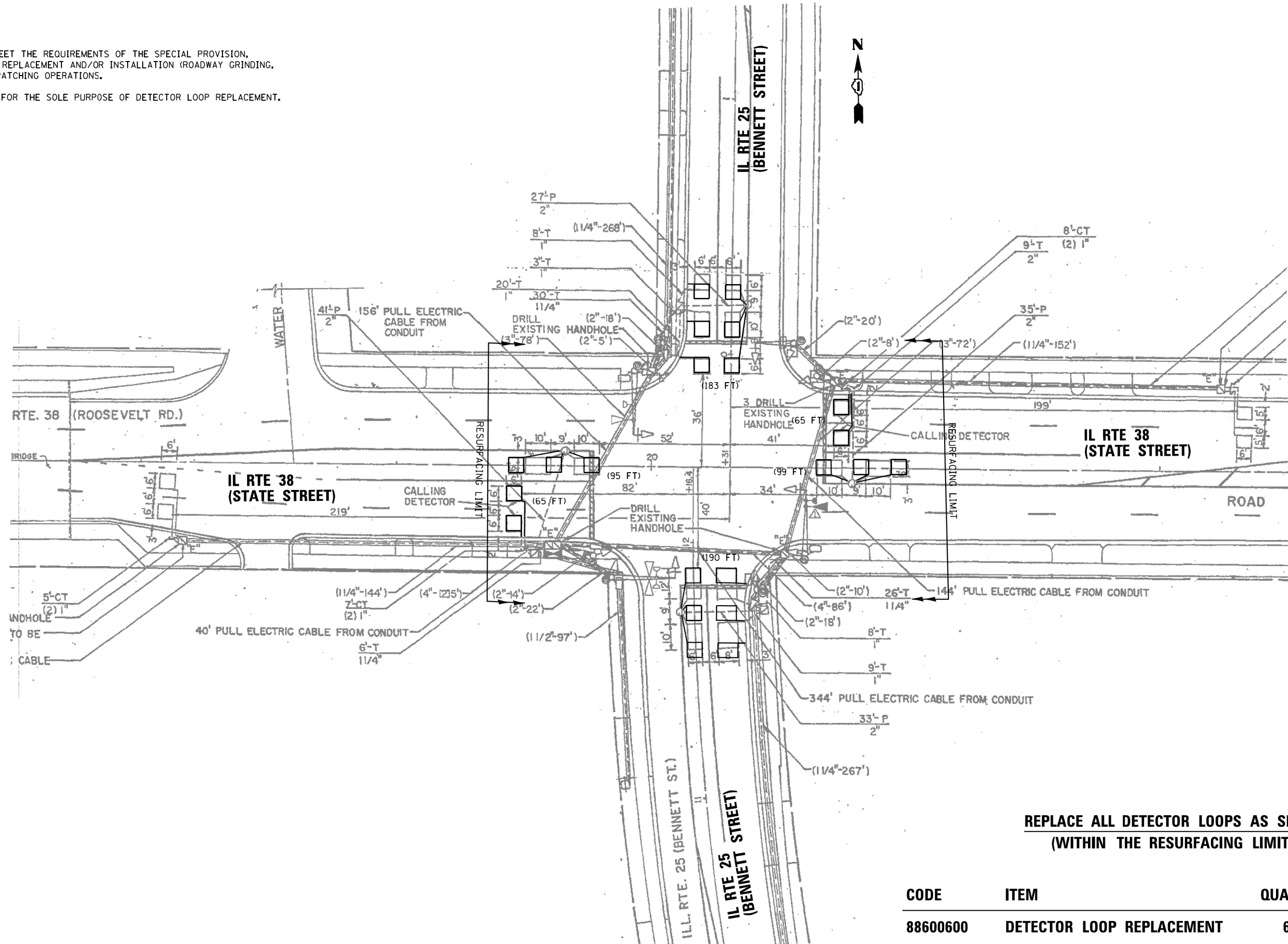
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT PLAN			
IL RTE 25 (WASHINGTON AVE./CRISSEY AVE.) AT FABYAN PARKWAY			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE. 2503	SECTION (44, 48, 46EXT.&52) RS-4	COUNTY KANE	TOTAL SHEETS 56	SHEET NO. 42
ILLINOIS FED. AID PROJECT				CONTRACT NO. 62B89

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



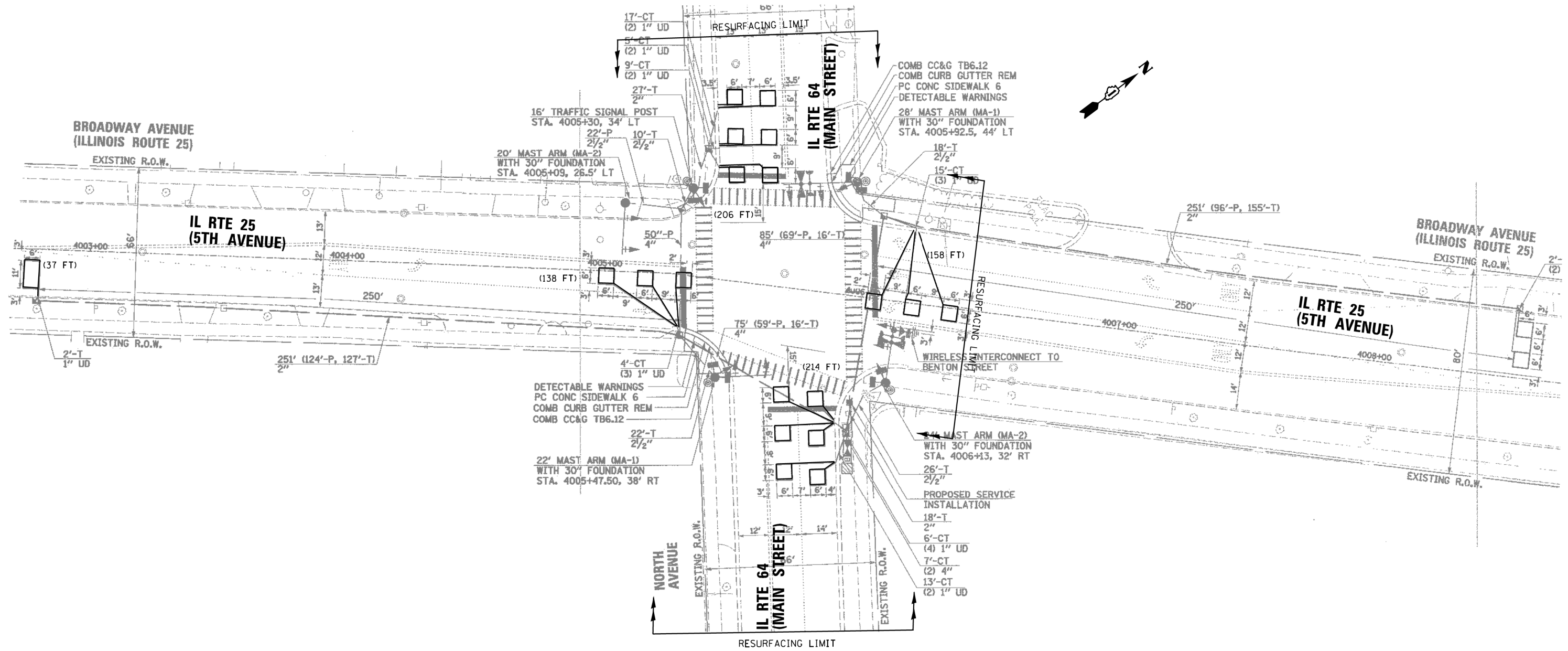
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	697	FOOT

FILE NAME = TS 755 IL 25 & IL 38_11162016.dgn	USER NAME = jovanmerdztg	DESIGNED - ZGJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL RTE 25 (BENNETT STREET) AT IL RTE 38 (STATE STREET)	F.A.U. RTE. 2503	SECTION (44, 48, 46EXT.&52) RS-4	COUNTY KANE	TOTAL SHEETS 56	SHEET NO. 43	
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	PLOT DATE = 11/23/2016	DATE - 11/23/2016	REVISED -								

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



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

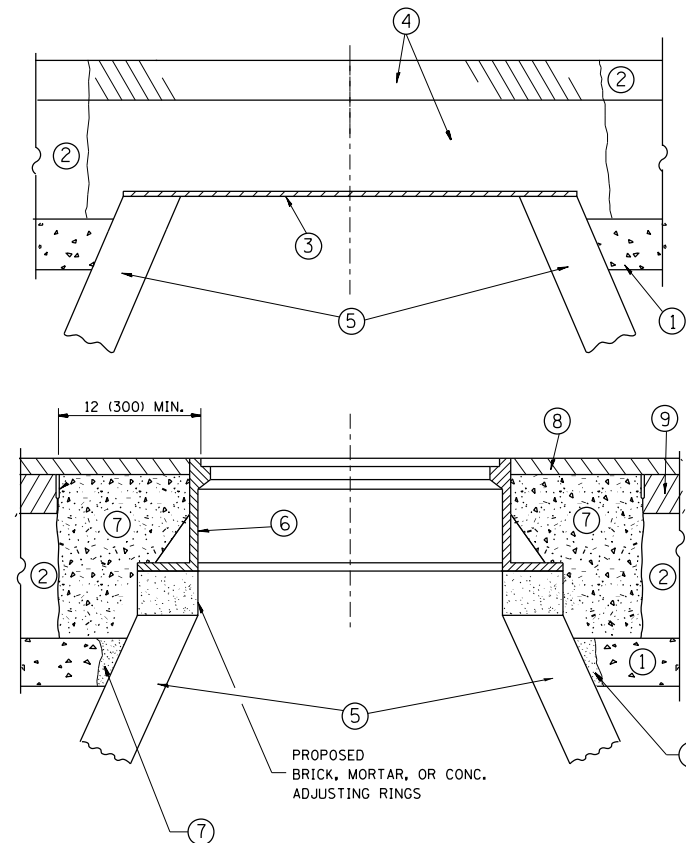
CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	753	FOOT

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		CHECKED - LP	REVISED -
		DATE - 11/23/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT PLAN			
IL RTE 25 (5TH AVENUE) AT IL RTE 64 (MAIN STREET)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(44, 48, 46EXT.&52) RS-4	KANE	56	44
CONTRACT NO. 62B89				
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
- ⑥ FRAME AND LID (SEE NOTES)
- ② EXISTING PAVEMENT
- ⑦ CLASS PP-1* CONCRETE
- ③ 36 (900) DIAMETER METAL PLATE
- ⑧ PROPOSED HMA SURFACE COURSE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑨ PROPOSED HMA BINDER COURSE
- ⑤ EXISTING STRUCTURE

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

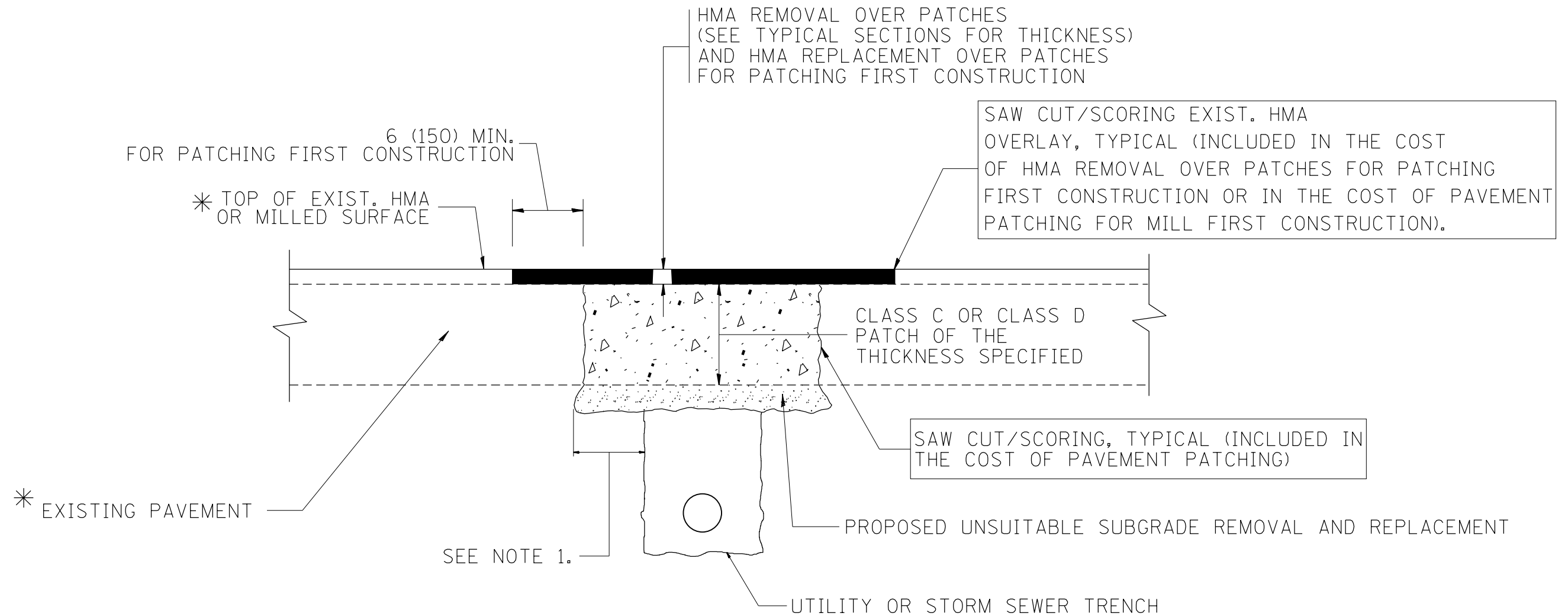
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	PLOT DATE = 2/15/2017	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**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.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(44, 48, 46EXT.&52) RS-4	KANE	56	45
BD600-03 (BD-8)		CONTRACT NO. 62B89		
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)

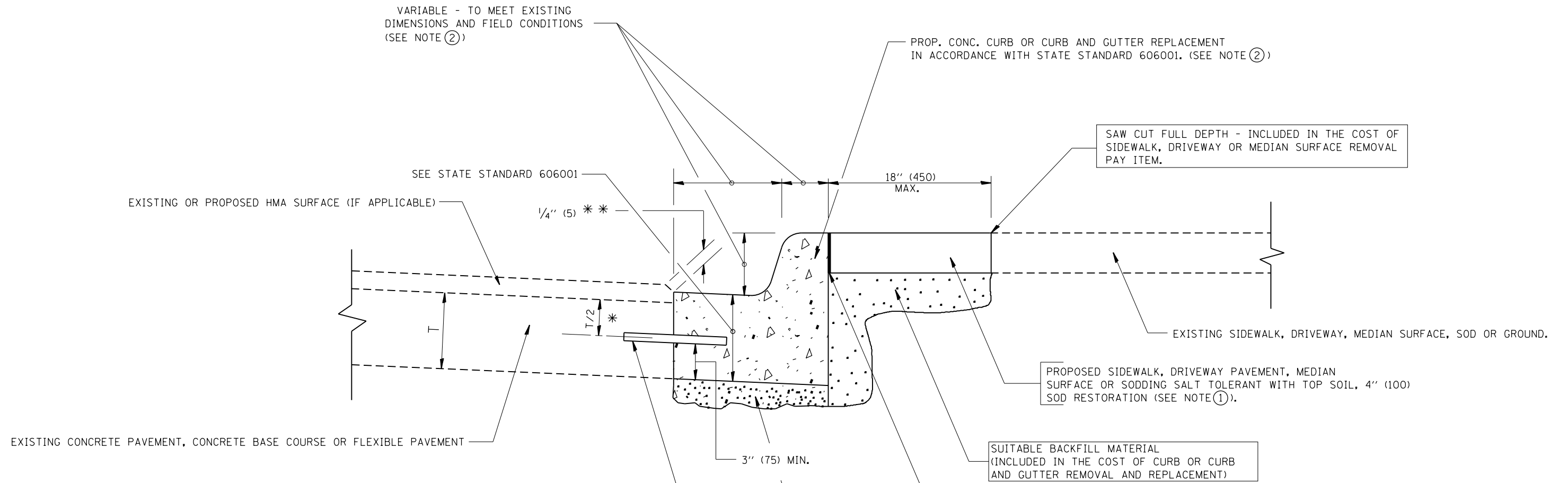
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

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.

FILE NAME =	USER NAME = paraynoal	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI17\Drawings\Design\Diststd.dgn	PLotted SCALE = 100.0000' / 1in.	CHECKED -	REVISED - R. BORO 01-01-07					2503	(44, 48, 46EXT.&52) RS-4	KANE	56	46
	PLOT DATE = 2/15/2017	DATE - 10-25-94	REVISED - R. BORO 09-04-07		BD400-04 (BD-22)			CONTRACT NO. 62B89				
			REVISED - K. ENG 10-27-08		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- * 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.

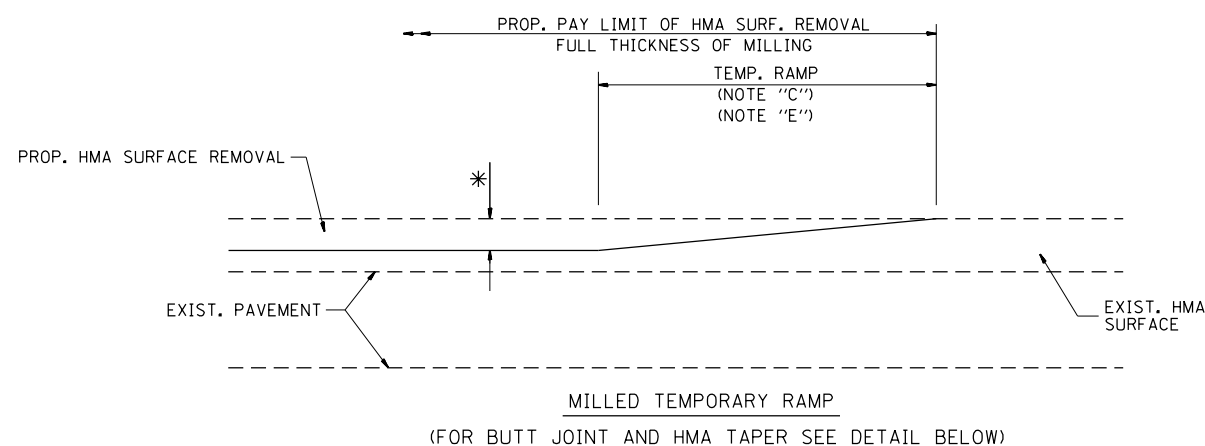
- PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)
- UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, 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 USABLE 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".

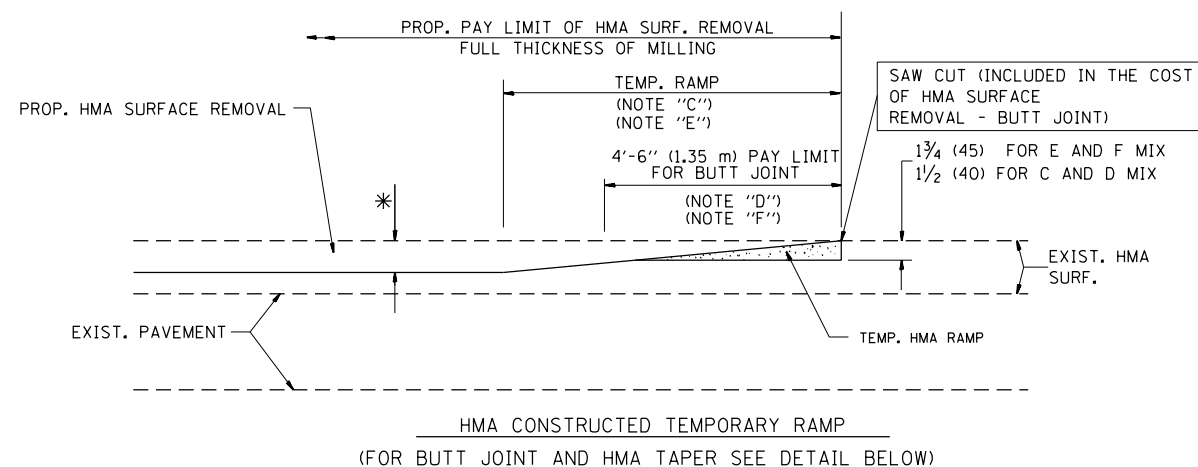
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = paraynoal	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.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\DI17\BROW\Drawings\Design\Diststd.dgn	PLotted	PLotted	PLotted			2503	(44, 48, 46EXT.&52) RS-4	KANE	56	47	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISIED - M. GOMEZ 01-22-01	REVISIED - R. BORO 12-15-09			BD600-06 (BD-24)		CONTRACT NO. 62B89			
PLOT DATE = 2/15/2017	DATE - 03-11-94					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

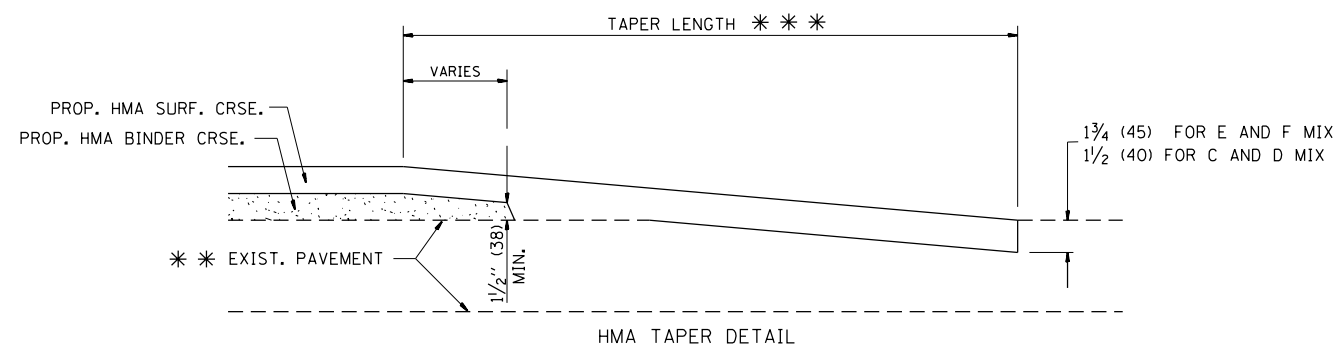
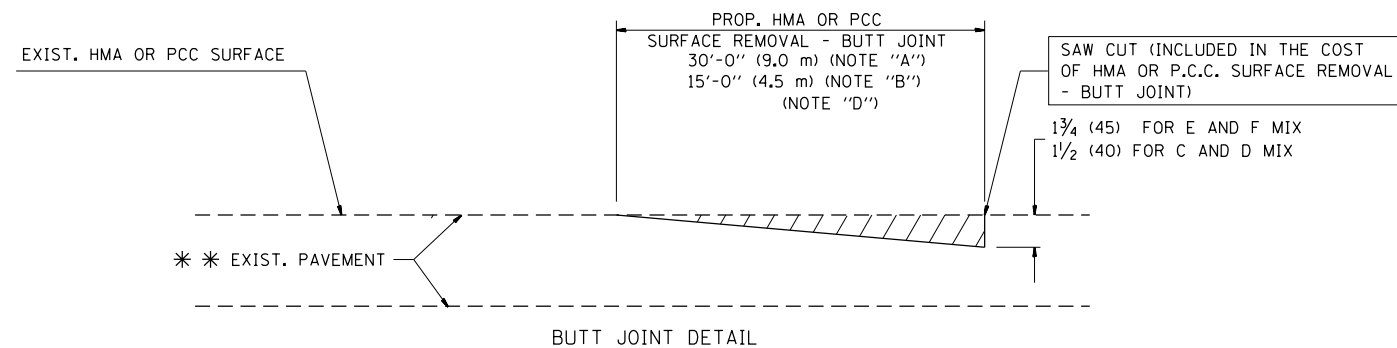


OPTION 1



OPTION 2

TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

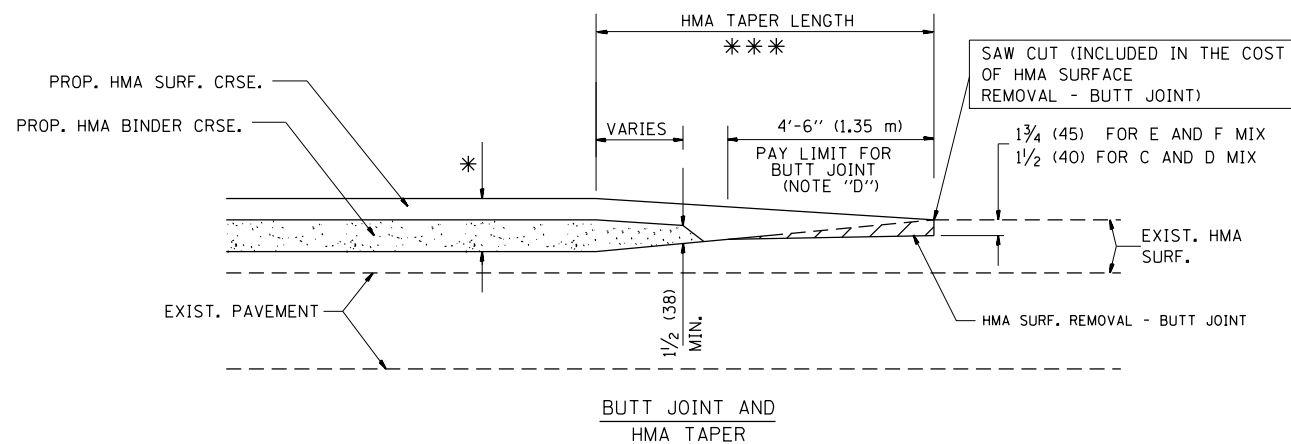
NOTES

- 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

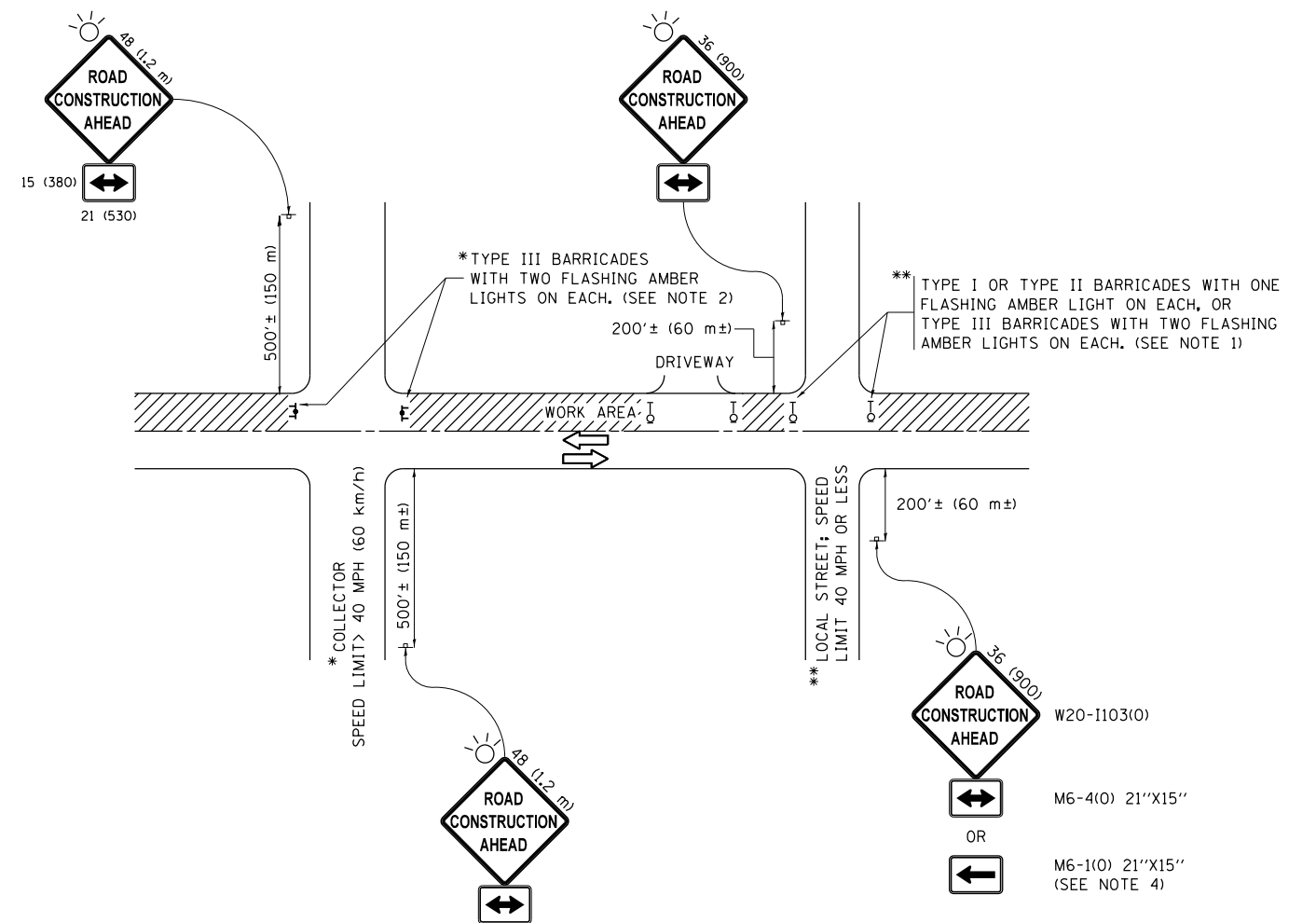
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p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI17\Drawings\Design\Diststd.dgn			REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 2/15/2017	DATE - 06-13-90	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.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(44, 48, 46EXT.&52) RS-4	KANE	56	48
BD400-05 BD32		CONTRACT NO. 62B89		
FED. ROAD DIST. NO. 1 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.

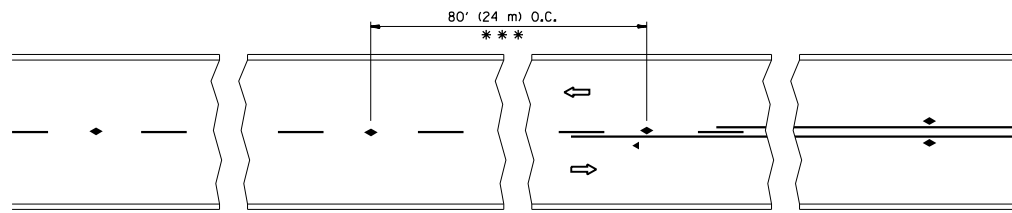
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Default	PLOT SCALE = 100.0000' / in.	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 2/15/2017		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

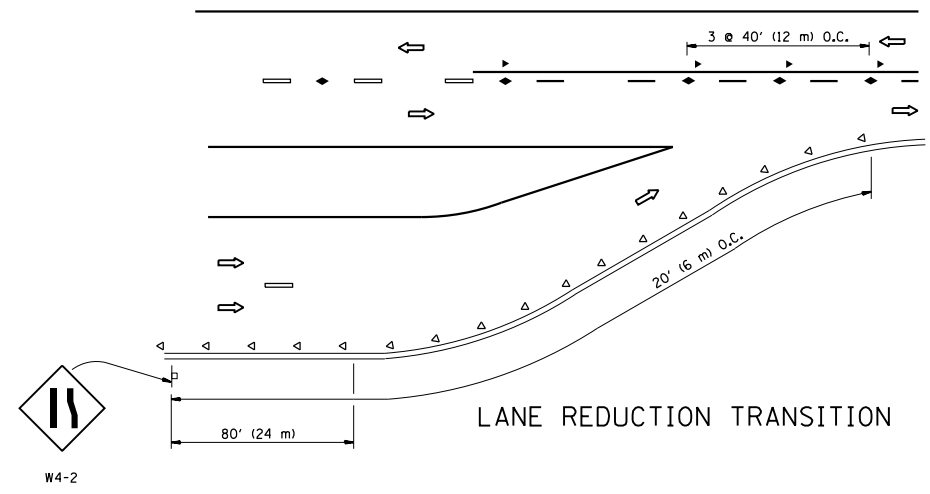
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 62B89	
ILLINOIS FED. AID PROJECT				

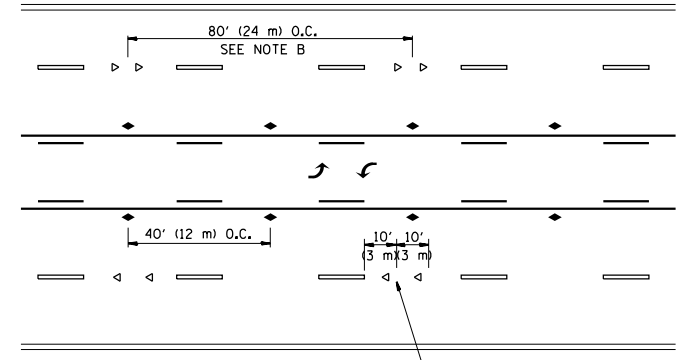


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

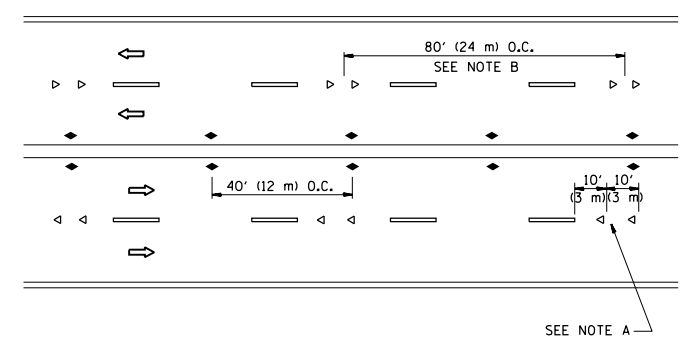
TWO-LANE/TWO-WAY



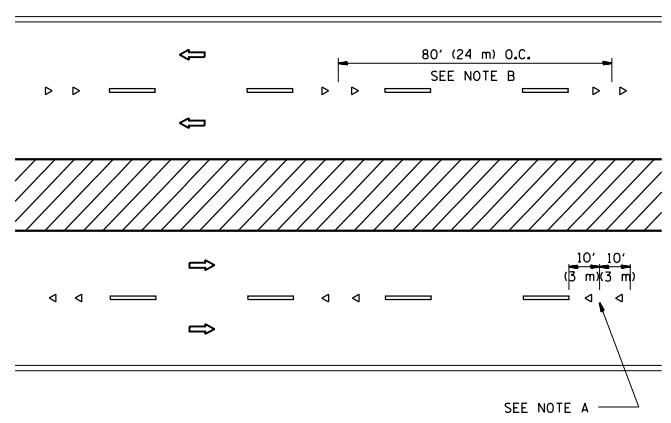
LANE REDUCTION TRANSITION



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

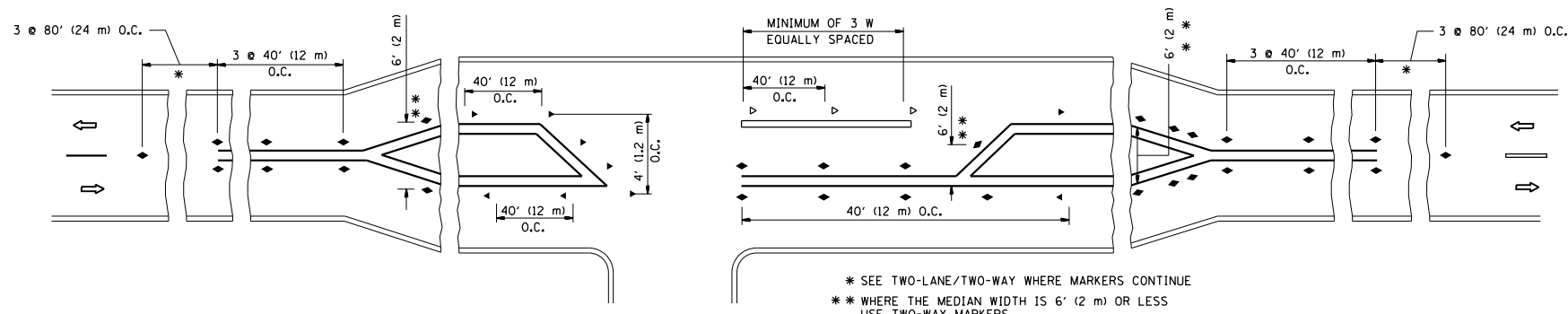
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.

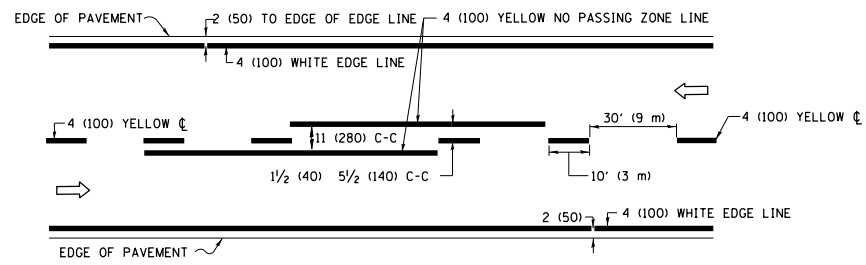


LEFT TURN

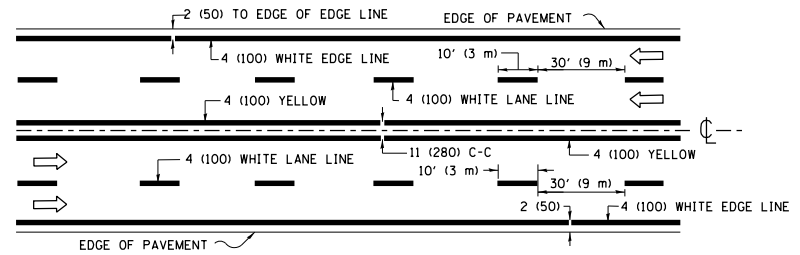
* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

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

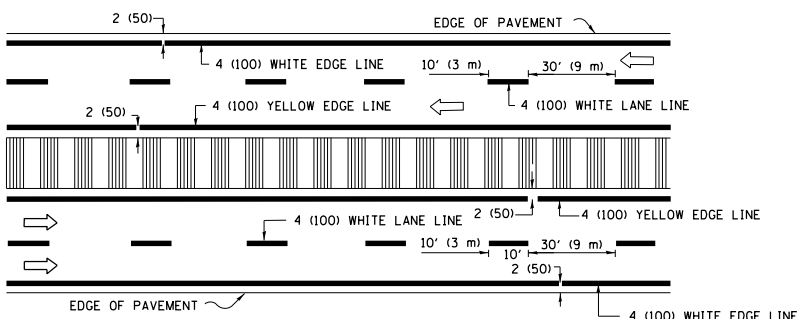
FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI17\Drawings\Design\Diststd.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - T. RAMMACHER 03-12-99					2503	(44, 48, 46EXT.&52) RS-4	KANE	56	50
PLOT DATE = 2/15/2017	DATE -	REVISED - C. JUCIUS 09-09-09	REVISED - T. RAMMACHER 01-06-00		TC-11			CONTRACT NO. 62B89				
					SCALE: NONE			SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



2-LANE ROADWAY

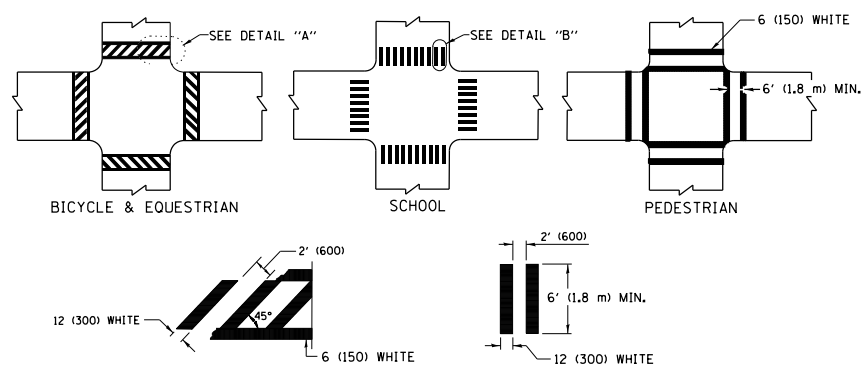


MULTI-LANE UNDIVIDED



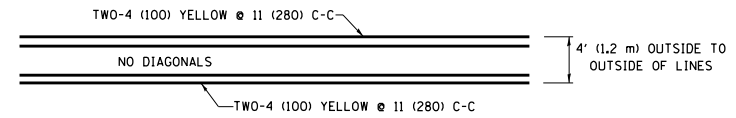
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

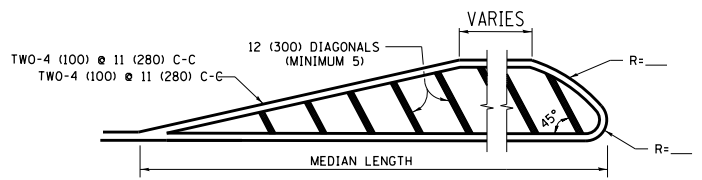


TYPICAL CROSSWALK MARKING

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

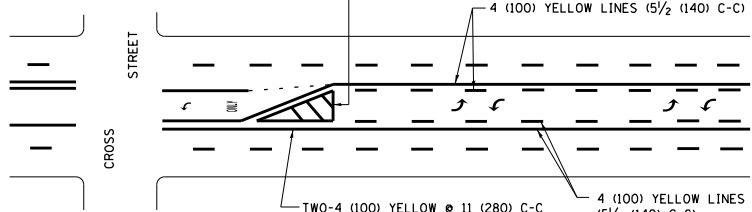


4' (1.2 m) WIDE MEDIANS ONLY



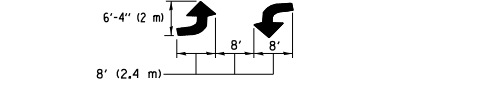
MEDIANS OVER 4' (1.2 m) WIDE

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



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

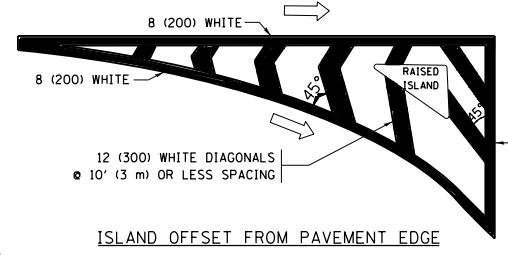
A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



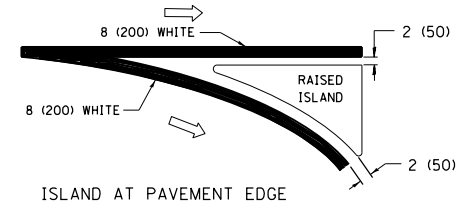
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

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

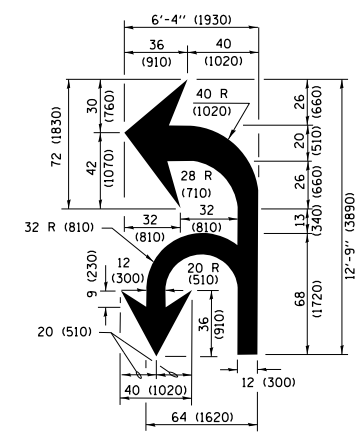


ISLAND OFFSET FROM PAVEMENT EDGE

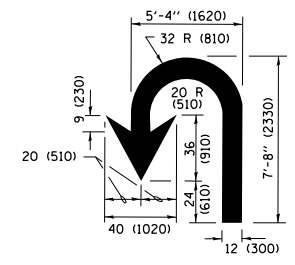


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

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

FILE NAME =	USER NAME = paraynoal	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
pw\1\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI17\Drawings\Design\Diststd.dgn		CHECKED -	REVISED - C. JUCIUS 07-01-13
Default	PLOT SCALE = 100.0000' / in.	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 2/15/2017		REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(44, 48, 46EXT.&52) RS-4	KANE	56	51
TC-13			CONTRACT NO. 62B89	
ILLINOIS FED. AID PROJECT				

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

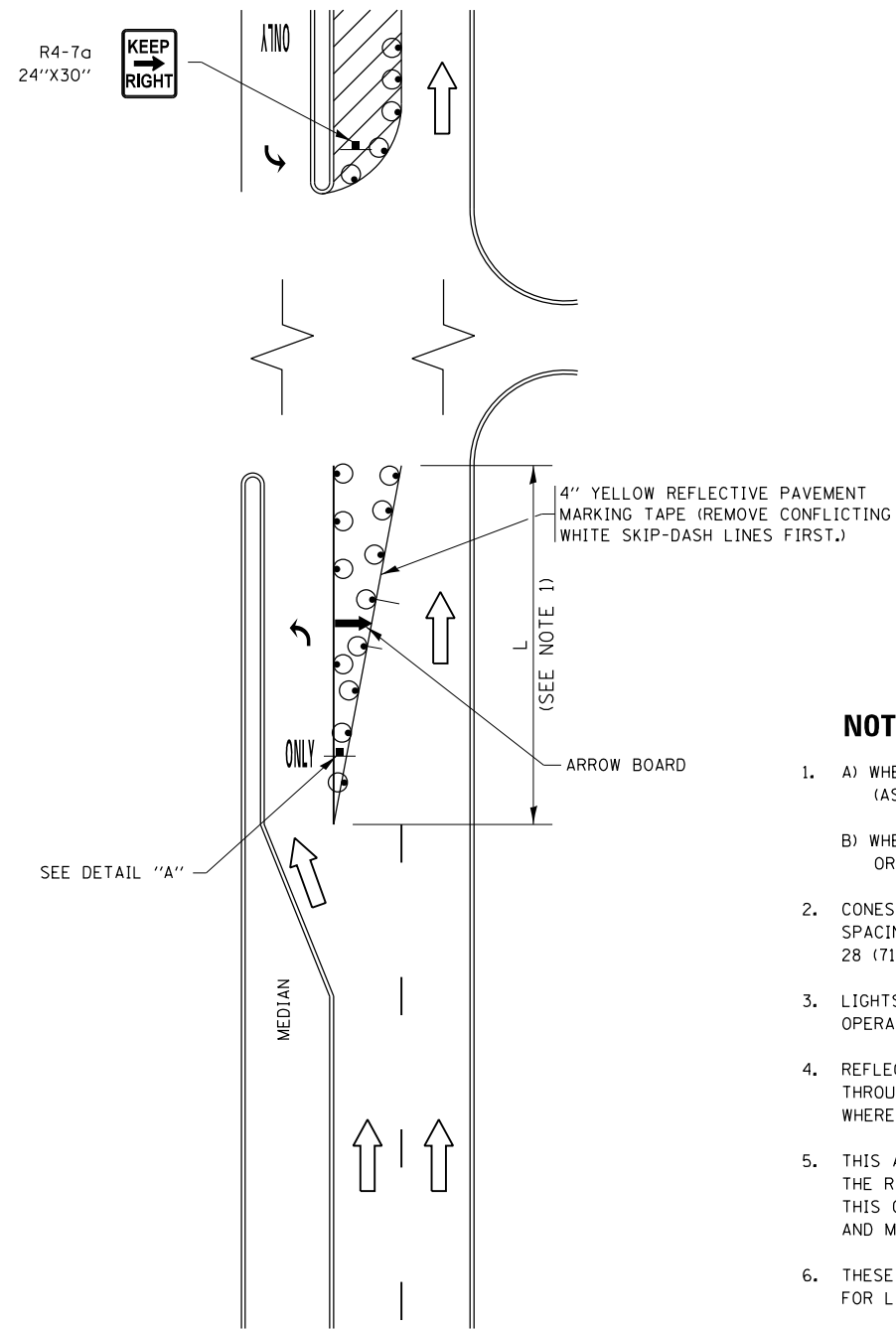


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

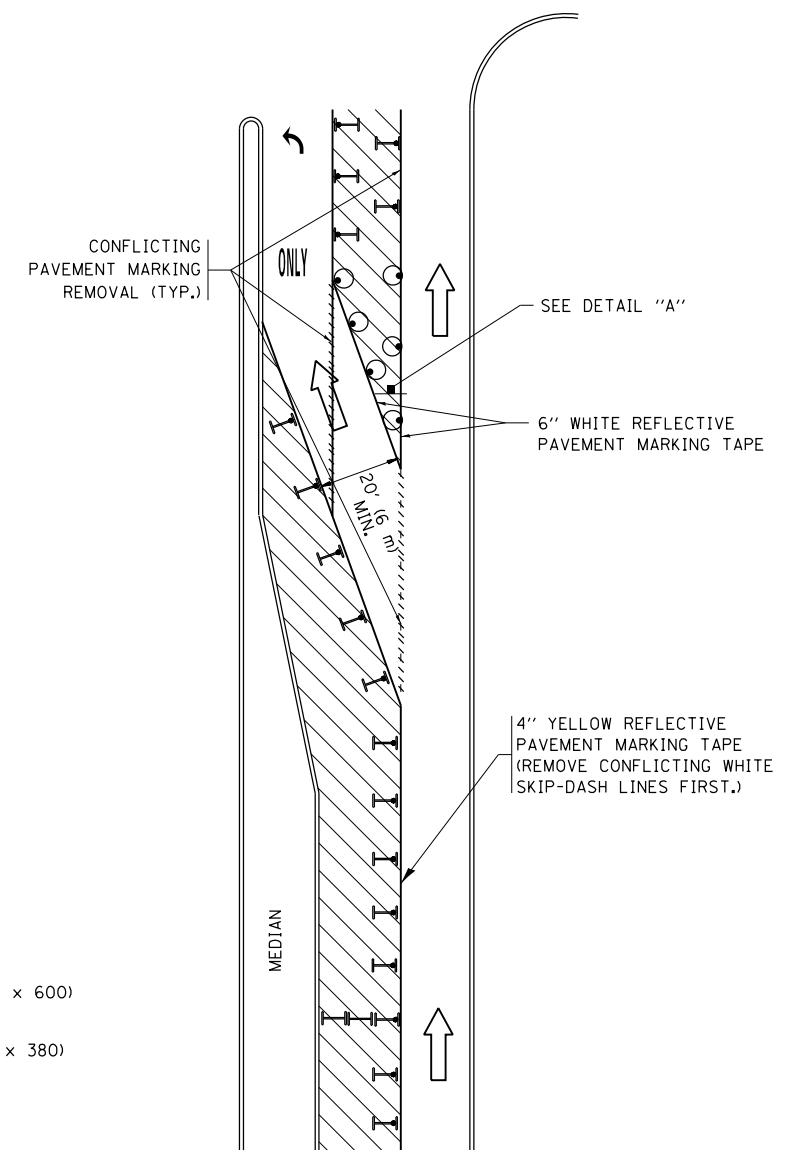
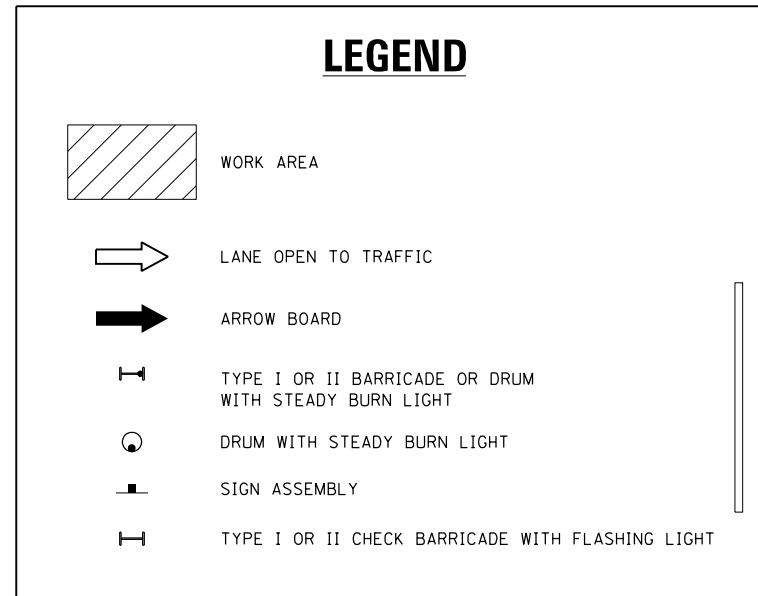
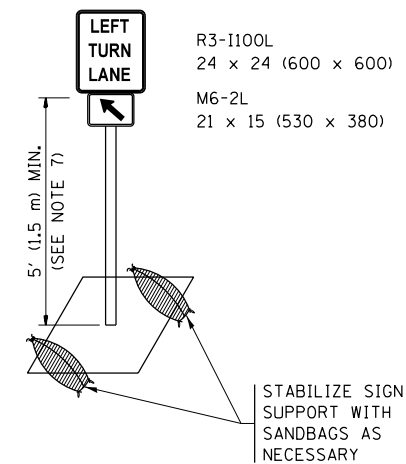


FIGURE 2



NOTES:

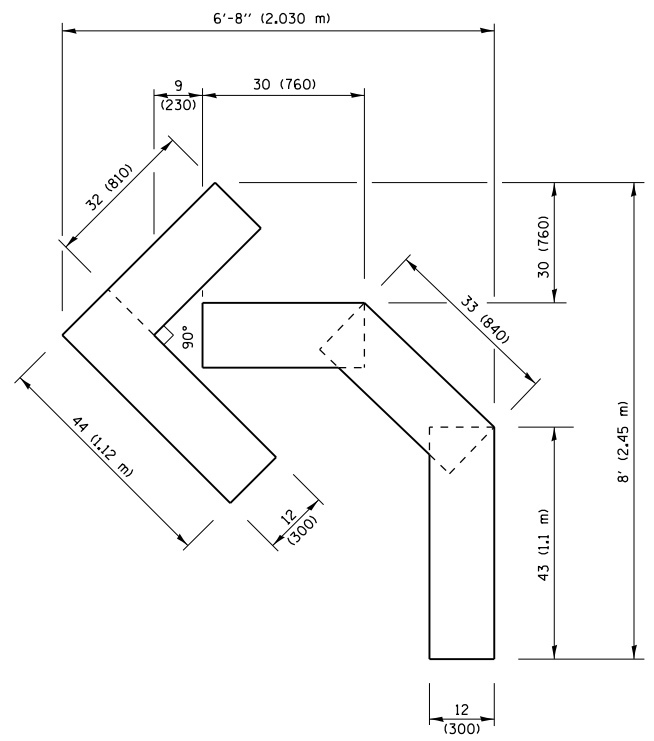
1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS.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



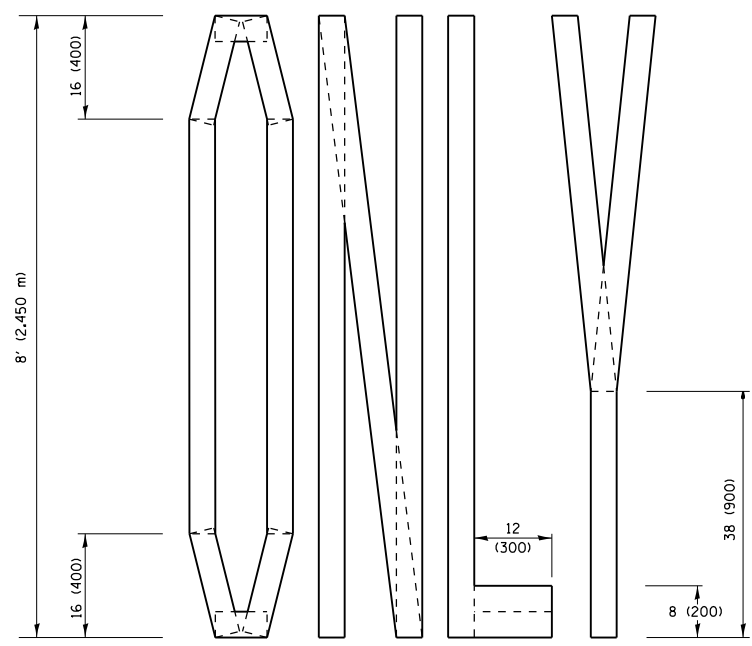
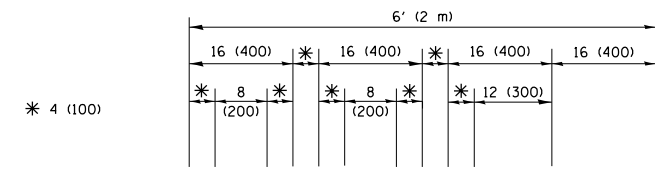
DETAIL A

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

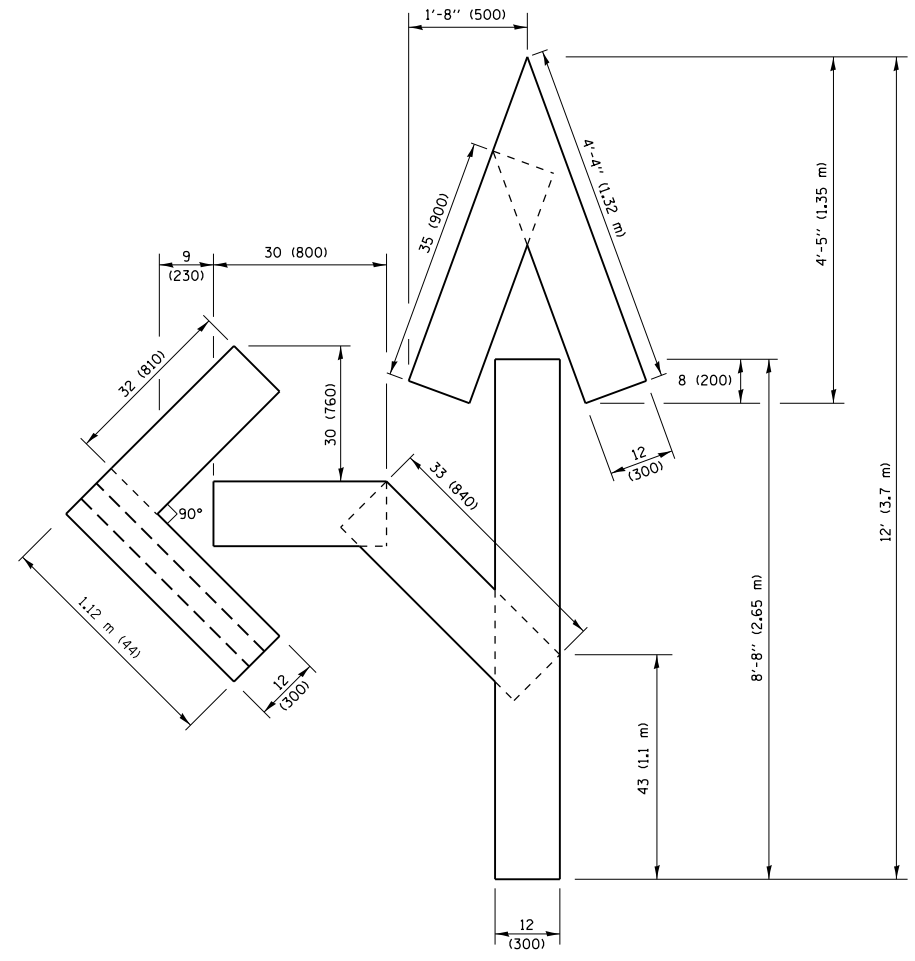
FILE NAME =	USER NAME = parayno1	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)	F.A.U. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default		REVISED - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13			2503	(44, 48, 46EXT.&52)	RS-4	KANE	56	52
		REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16			TC-14		CONTRACT NO. 62B89			
		REVISED - T. RAMMACHER 01-06-00	REVISED -			ILLINOIS FED. AID PROJECT					
	PLOT SCALE = 100.0000' / in.			SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.				



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

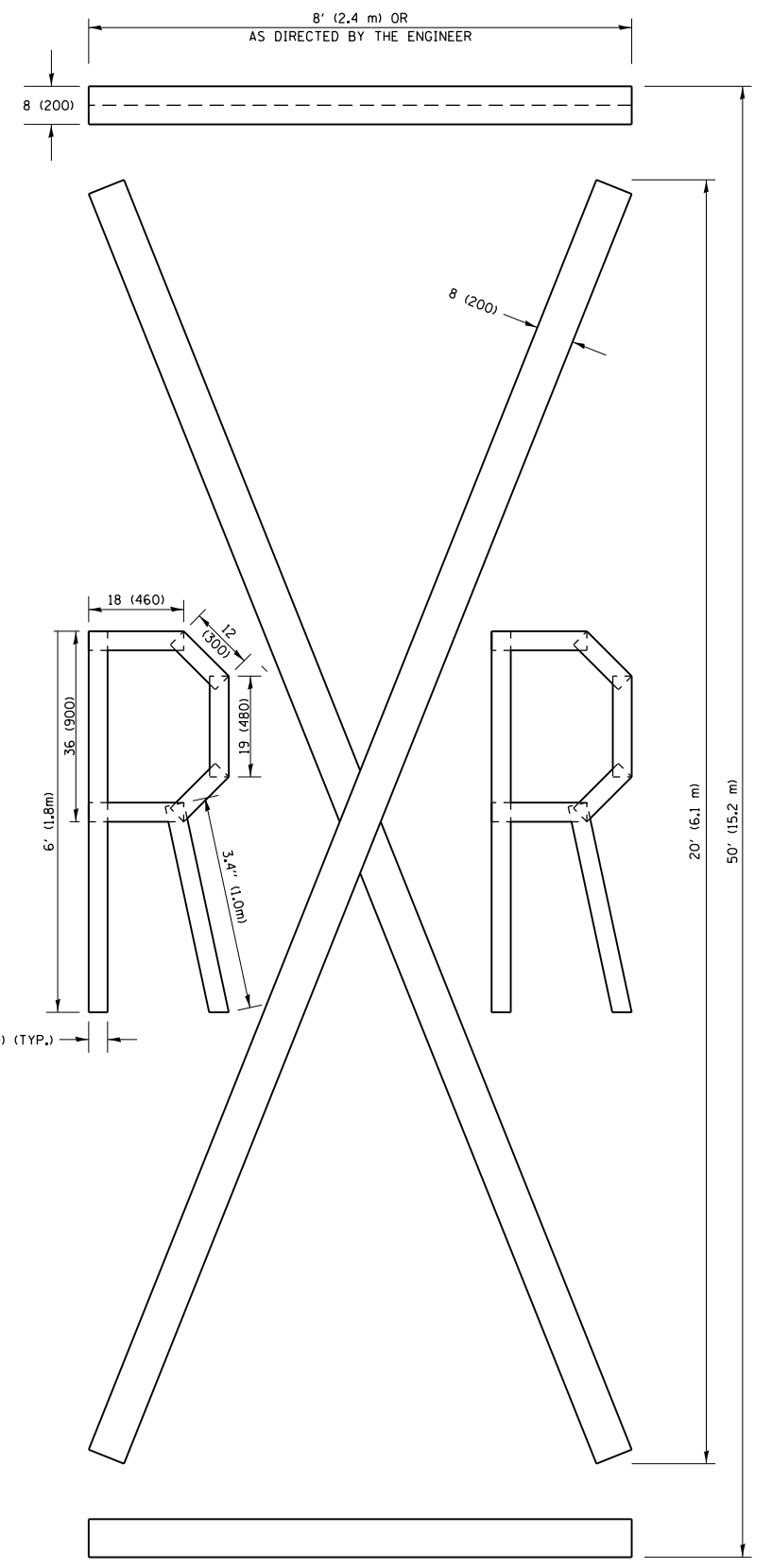


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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)

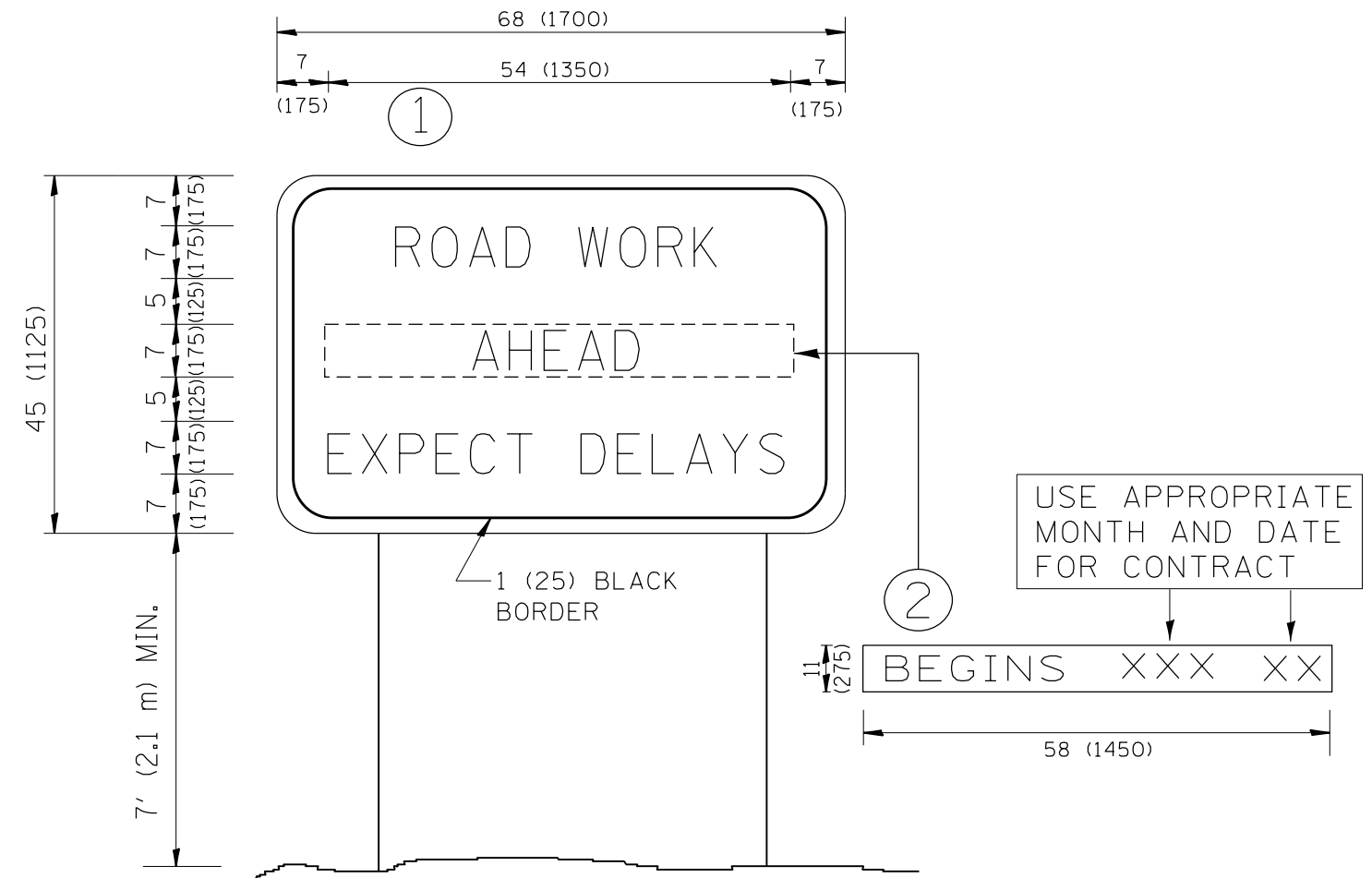
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -T. RAMMACHER 03-02-98
pw\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI17\Drawings\Design\Diststd.dgn		CHECKED -	REVISED -E. GOMEZ 08-28-00
		DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00
			REVISED -A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(44, 48, 46EXT.&52) RS-4	KANE	56	53
TC-16			CONTRACT NO. 62B89	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

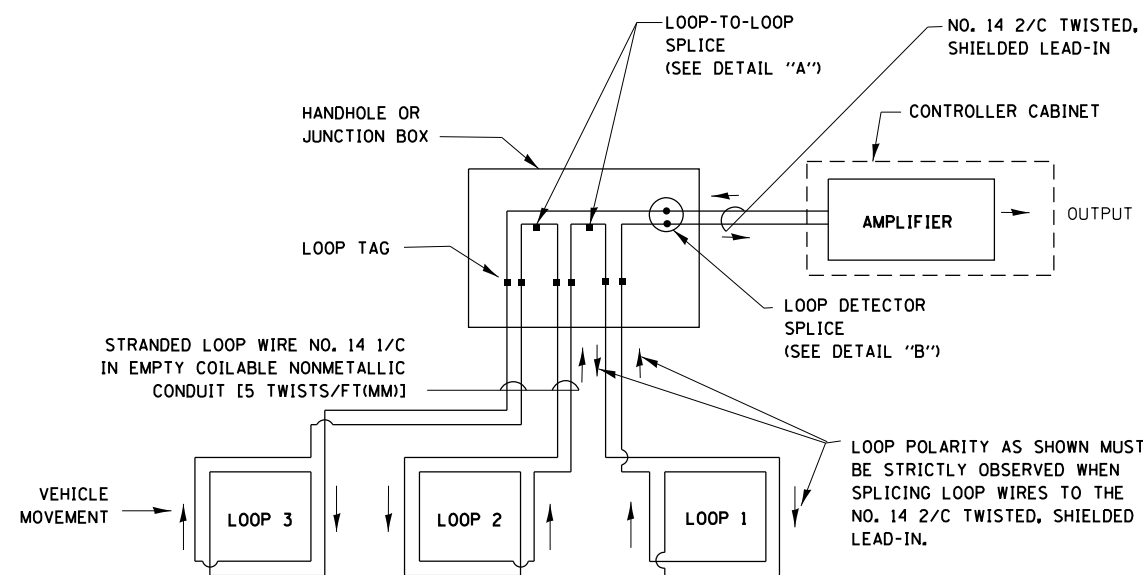
1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
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 = paraynoal	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\DI17\Drawings\Design\Diststd.dgn			REVISED - R. MIRS 12-11-97			2503	(44, 48, 46EXT.&52) RS-4	KANE	56	54
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99				TC-22		CONTRACT NO. 62B89		
PLOT DATE = 2/15/2017	DATE -	REVISED - C. JUCIUS 01-31-07	SCALE: NONE			SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

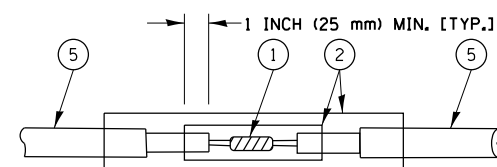
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

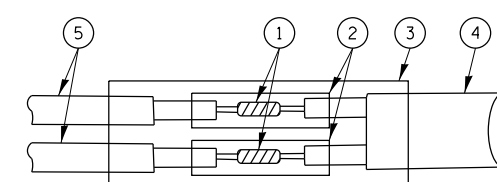


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.



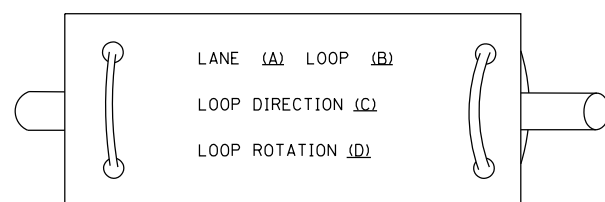
DETAIL "A"
LOOP-TO-LOOP SPLICE



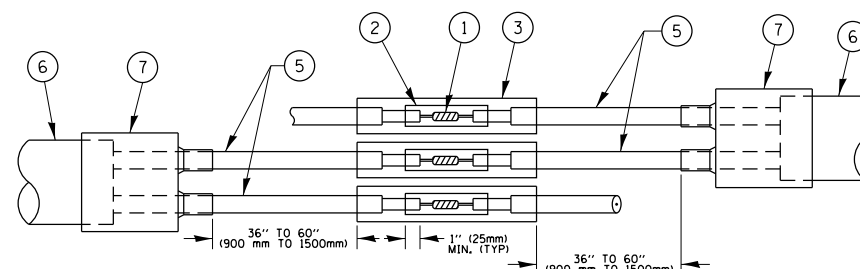
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP

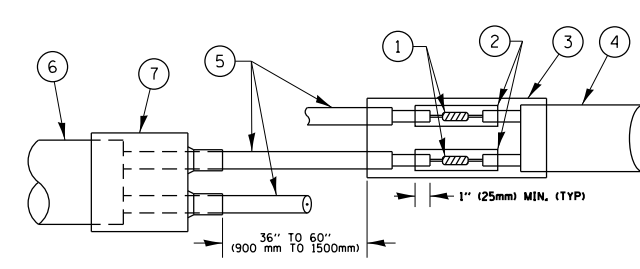
LOOP LEAD-IN CABLE TAG



- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

- ① WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH, THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- ② WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- ③ WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- ④ NO. 14 2/C TWISTED, SHIELDED CABLE.
- ⑤ LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- ⑥ PRE-FORMED LOOP
- ⑦ XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS, TYCO CBR-2 OR APPROVED EQUAL

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -
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Default	PLOT DATE = 2/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

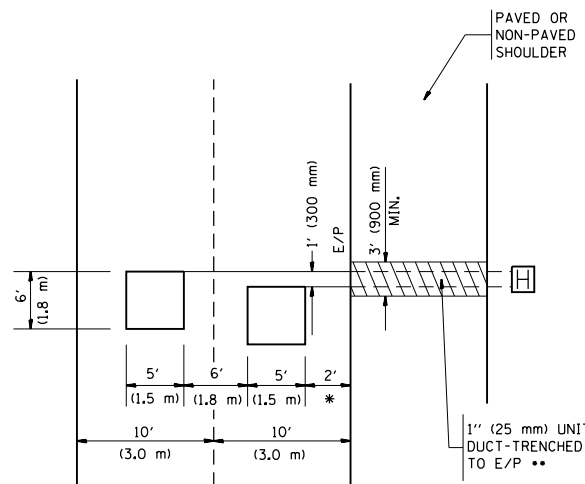
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	(44, 48, 46EXT.&52) RS-4	KANE	56	55
TS-05			CONTRACT NO. 62B89	
ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

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

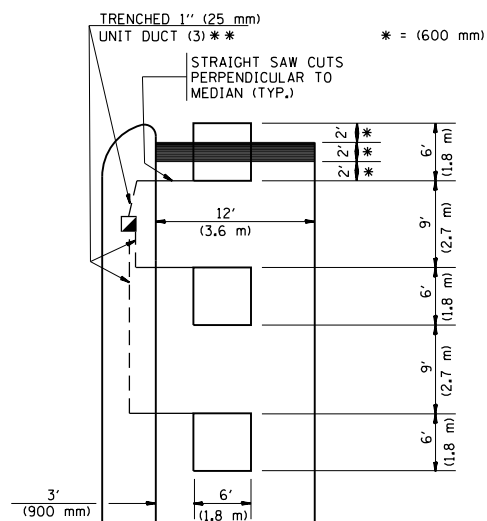


* = (600 mm)

** 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)

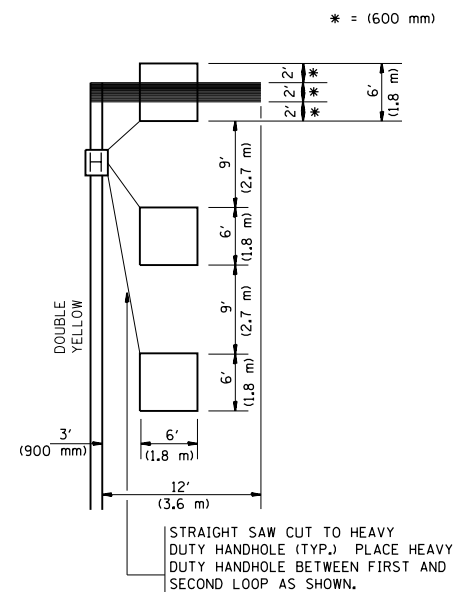
HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



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

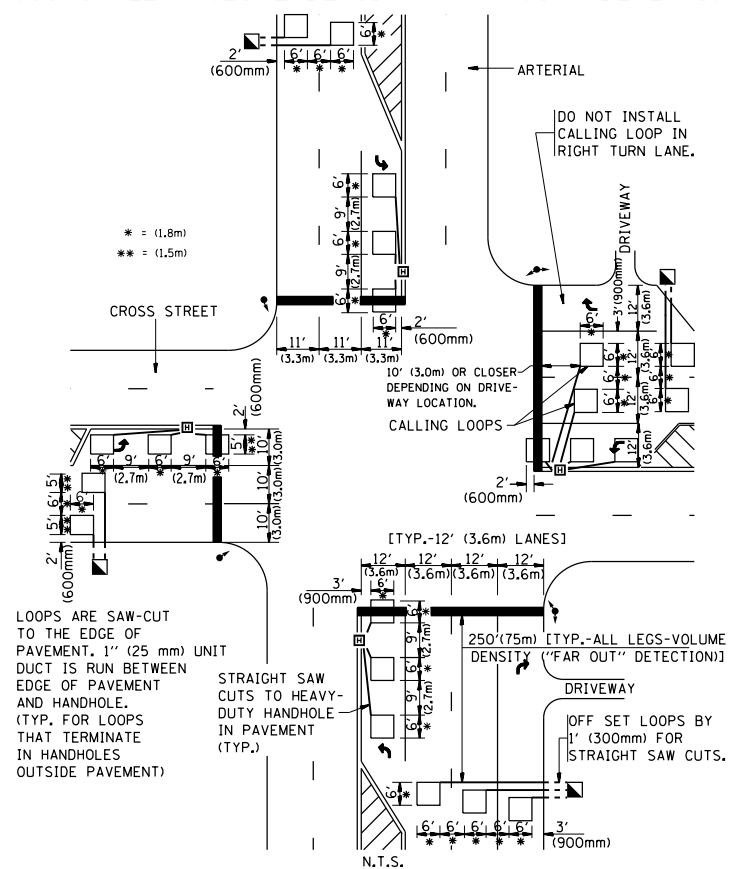
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

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



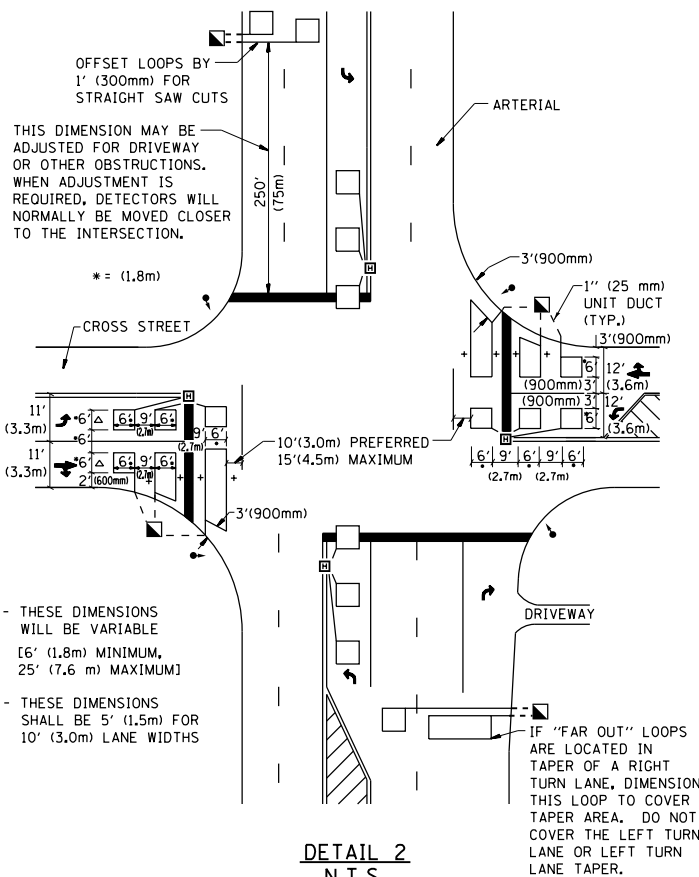
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

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 = paraynoal	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING			F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBID\INTEG\11inois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\DI17\Drawings\Design\Diststd.dgn		CHECKED - R.K.F.	REVISED -		2503	(44, 48, 46EXT.&52)	RS-4	KANE	56	56		
PLOT SCALE = 100.0000' / 1in.		DATE -	REVISED -		TS-07			CONTRACT NO. 62B89				
PLOT DATE = 2/15/2017					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			