

05-24-13 SPECIAL LETTING ITEM 015

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAP ROUTE 338 (IL RTE. 59)
SECTION: (113R-2) N

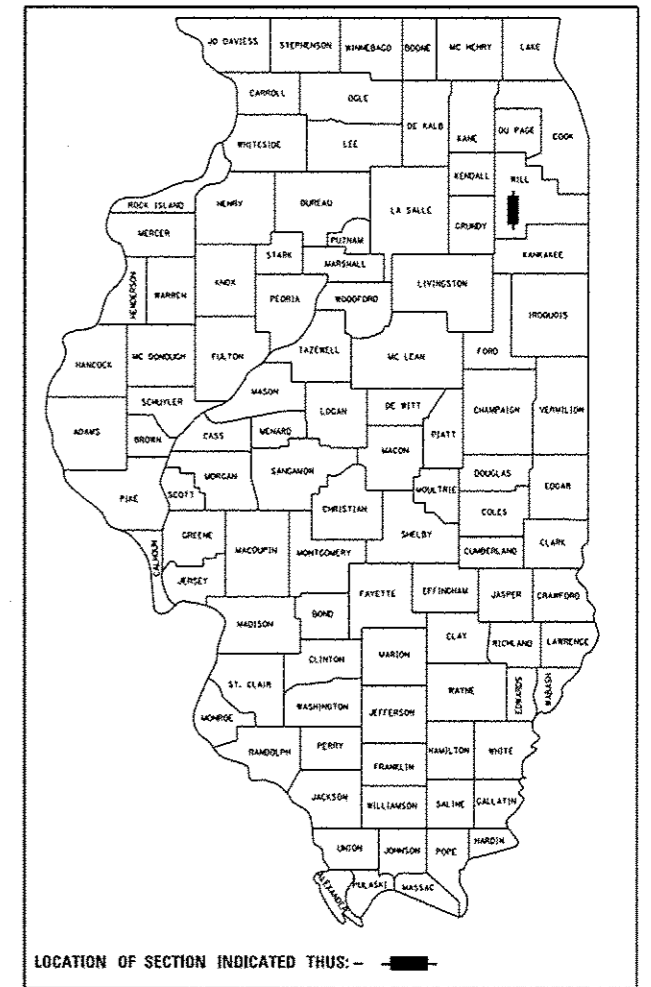
AT ANDREW ROAD / PASQUINELLI DRIVE
INTERSECTION CHANNELIZATION

PROJECT: *HSIP-0338 (050)*

WILL COUNTY
C-91-503-12

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2) N	WILL	38	1
		ILLINOIS	CONTRACT NO. 60T95	

D-91-503-12



FOR INDEX OF SHEETS, SEE SHEET NO. 2

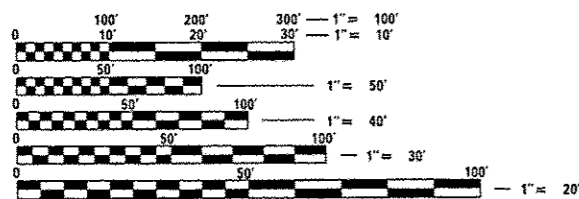
PROJECT LOCATED IN
VILLAGE OF PLAINFIELD

FUNCTIONAL CLASSIFICATION
OTHER PRINCIPAL ARTERIAL
2009 ADT: 31,600
POSTED SPEED: 45 MPH

PROJECT ENDS
STA. 505 + 73.00

INTERSECTION OF IL-59
& ANDREW ROAD /
PASQUINELLI DRIVE
STA. 500 + 00 (IL-59)

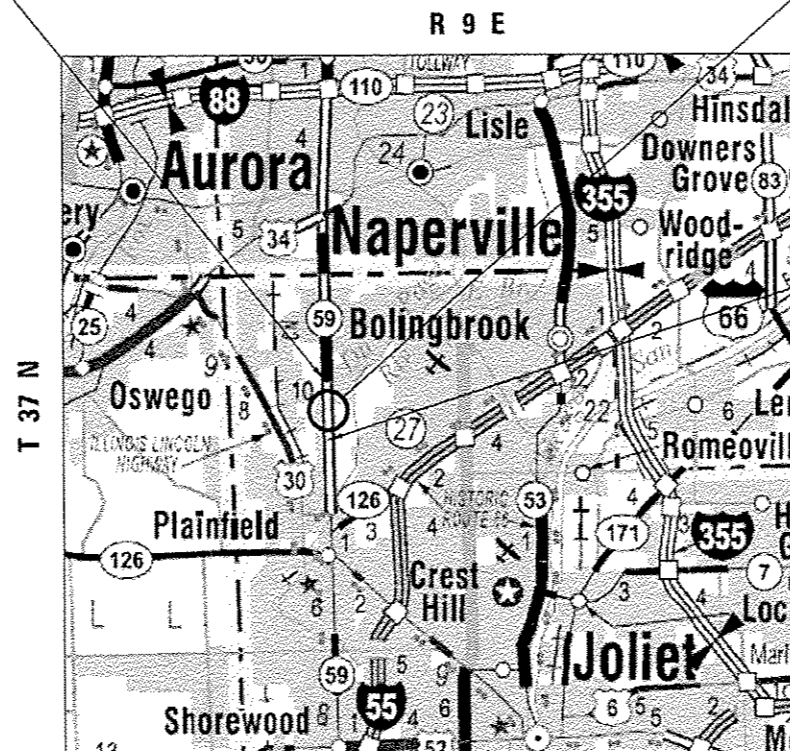
PROJECT BEGINS
STA. 494 + 25.00



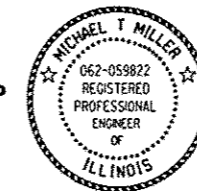
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

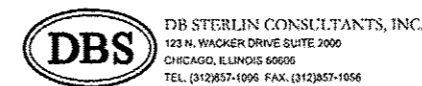
DISTRICT ONE -
PROJECT MANAGER: KEN ENG (847) 705-4247 (IDOT)
PROJECT ENGINEER: BEHZAD AMINI (312) 857-1006 (DBS)



LOCATION MAP
N.T.S.



LICENSE EXPIRATION DATE 11/30/2013
[Signature] 3/19/2013
SIGNATURE, DATE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *MARCH 19 20 13*

John F. Johnson
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

April 26 20 13
John D. Baranzelli, PE/EA
ENGINEER OF DESIGN AND ENVIRONMENT

April 26 20 13
Chris Osman, PE/EA
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GROSS LENGTH = 1,148.00 FEET = 0.22 MILE
NET LENGTH = 1,148.00 FEET = 0.22 MILE

CONTRACT NO. 60T95

INDEX OF SHEETS

STATE STANDARDS

GENERAL NOTES

SHEET NO.	DESCRIPTION	STANDARD NO.	DESCRIPTION
1	COVER SHEET	000001-06	TYPICAL SYMBOLS, ABBREVIATIONS AND PATTERNS
2	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES	420001-07	PAVEMENT JOINTS
3-6	SUMMARY OF QUANTITIES	420111-03	PCC PAVEMENT ROUNDOUTS
7-8	EXISTING AND PROPOSED TYPICAL SECTIONS	420601-05	24' (7.2 m) PCC PAVEMENT
9	SCHEDULE OF QUANTITIES	420701-02	PAVEMENT FABRIC
10	ALIGNMENT, TIES, AND BENCHMARKS	602001-02	CATCH BASIN TYPE A
11-13	ROADWAY PLAN	602011-02	CATCH BASIN TYPE C
14	EXISTING PROFILE - IL ROUTE 59	602301-03	INLET TYPE A
15	EXISTING PROFILE - ANDREW ROAD / PASQUINELLI DRIVE	602401-03	MANHOLE - TYPE A
16	SUGGESTED MAINTENANCE OF TRAFFIC PLAN	602701-02	MANHOLE STEPS
17	EROSION AND SEDIMENT CONTROL PLAN	604001-03	FRAME AND LIDS TYPE 1
18-20	EXISTING UTILITIES AND PROPOSED DRAINAGE	606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
21	INTERSECTION DETAILS	606301-04	PC CONCRETE ISLANDS AND MEDIAN
22	PAVEMENT MARKING PLAN	701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
23	(BD-7) DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER	701426-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ≥ 45 MPH
24	(BD-24) CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
25	(BD-48) PCC PAVEMENT ROUNDOUTS AT CURB & GUTTER	701901-02	TRAFFIC CONTROL DEVICES
26	(BD-52) DETAIL OF PAVEMENT SEPERATION, JOINT FOR JOINTED PCC PAVEMENTS AT INTERSECTIONS	781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
27	(BD-53) DETAIL OF VARIOUS TYPES OF LANE REDUCTION FOR PCC PAVEMENT	782001	PRISMATIC CURB REFLECTORS
28	(TC-10) TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS		
29	(TC-11) TYPICAL APPLICATIONS, RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)		
30	(TC-13) DISTRICT ONE TYPICAL PAVEMENT MARKINGS		
31	(TC-14) TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)		
32	(TC-16) PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING		
33	(TC-22) ARTERIAL ROAD INFORMATION SIGN		
34-38	EXIST & PROP CROSS SECTIONS		

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2012 (REFERRED TO AS THE STANDARD SPECIFICATIONS), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AND THE "MANUAL OF TEST PROCEDURES FOR MATERIALS".
- 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 WILL COUNTY.
- THE CONTRACTOR WILL NOT BE ABLE TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.
- THE CONTRACTOR SHALL NOTIFY THE IDOT ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE RESIDENT ENGINEER SHALL CONTACT MR. CORY JUCIUS, ARTERIAL TRAFFIC OPERATIONS ENGINEER, AT (847) 705-4411 A MINIMUM OF TWO (2) WEEKS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- 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 ENGINEER.
- DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 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 BE REQUIRED TO MAINTAIN ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE CONTRACTOR SHALL REPLACE ALL THE PAVEMENT MARKINGS AS LAID OUT IN THE FIELD AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL FURNISH TWO CHANGEABLE MESSAGE SIGNS FOR A DURATION OF THREE MONTHS EACH, FOR A TOTAL OF SIX MONTHS. THESE SIGNS SHALL BE FURNISHED, PLACED, AND MAINTAINED, AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR MONTH FOR EACH SIGN AS CHANGEABLE MESSAGE SIGN.

COMMITMENTS

THERE ARE NO COMMITMENTS FOR THIS PROJECT.

FILE NAME: C:\Projects\ILLINOIS Department of Transportation\PTB 152 - Item 7 - Various Various Work Order No. B - IL 59 Plans\Cadd Sheets\0158795-01-01-01.dwg

SHT_PLAN	USER NAME = mmiller	DESIGNED - BFH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1" =	DRAWN - BFH	REVISED -			338	(113R-2)N	WILL.	38	2
	PLOT DATE = 4/10/2013	CHECKED - BA	REVISED -		SCALE: N.T.S.	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		
		DATE - 3/19/13	REVISED -					CONTRACT NO. 60T95		

FILE NAME: G:\Projects\ILLINOIS Department of Transportation\162 - Item 7 - Various Vertical Work Order No. B - IL 58 Plans\Cadd Sheets\0162175-sh-501.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0021	90% FEDERAL	10% STATE	SAFETY
20200100	EARTH EXCAVATION	CU YD	910	910			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	115	115			
20800150	TRENCH BACKFILL	CU YD	65	65			
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	1,307	1,307			
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	47	47			
25000210	SEEDING, CLASS 2A	ACRE	0.2	0.2			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	18	18			
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	18	18			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	18	18			
28000305	TEMPORARY DITCH CHECKS	FOOT	190	190			
28000400	PERIMETER EROSION BARRIER	FOOT	2,736	2,736			
28000500	INLET AND PIPE PROTECTION	EACH	22	22			
28001100	TEMPORARY EROSION CONTROL BLANKET	SO YD	1,139	1,139			
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	1,324	1,324			
31200502	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"	SO YD	1,257	1,257			

URBAN

15

USER NAME: mmiller DESIGNED: BFH DRAWN: BFH CHECKED: BA DATE: 3/19/13	REVISED: - REVISED: - REVISED: - REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES SCALE: N.T.S. SHEET 1 OF 4 SHEETS STA. TO STA.	F.A.P. RTE. 338 SECTION 013R-2IN COUNTY WILL TOTAL SHEETS 38 SHEET NO. 3 CONTRACT NO. 60T95 ILLINOIS FED. AID PROJECT
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0021	90% FEDERAL	10% STATE	SAFETY
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	1,076	1,076			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,541	1,541			
550A0340	STORM SEWER, CLASS A, TYPE 2 12"	FOOT	119	119			
55100500	STORM SEWER REMOVAL 12"	FOOT	119	119			
60206905	CATCH BASIN, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	2	2			
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	9	9			
60260100	INLETS TO BE ADJUSTED	EACH	3	3			
60500080	REMOVING CATCH BASINS TO MAINTAIN FLOW	EACH	2	2			
60500090	REMOVING INLETS TO MAINTAIN FLOW	EACH	9	9			
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	589	589			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	19	19			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6			
67100100	MOBILIZATION	L SUM	1	1			
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1			
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1			

URBAN

FILE NAME: C:\p\proj\ILLINOIS Department of Transportation\102 - Item 7 - Various Various\Work Order No. B - IL 98 Plans\Cood Sheets\102\MS-act-500.dwg

SHT_PLAN

USER NAME = mmlor	DESIGNED - BFH	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - BFH	REVISED -
PLOT DATE = 3/21/2013	CHECKED - BA	REVISED -
	DATE - 3/19/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	113R-21N	WILL	38	4
CONTRACT NO. 60T95			ILLINOIS FED. AID PROJECT	

Rev.

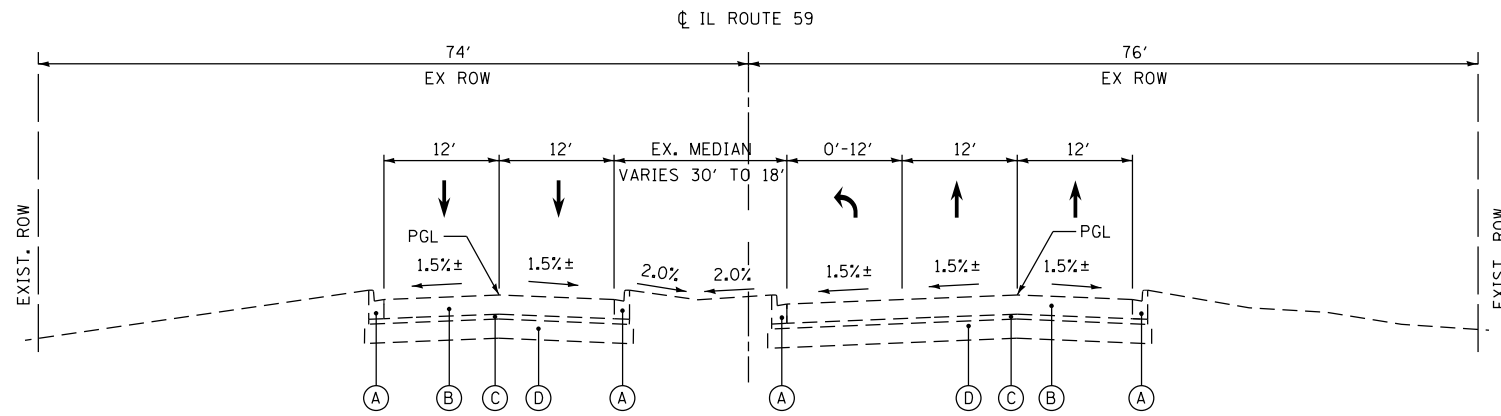
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0021	90% FEDERAL	10% STATE	SAFETY
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	6	6			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,300	1,300			
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	78	78			
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	475	475			
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	4474	4474			
70301000	WORKZONE PAVEMENT MARKING REMOVAL	SO FT	1,400	1,400			
△ 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SO FT	182	182			
△ 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	1043	1043			
△ 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	1718	1718			
△ 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	495	495			
△ 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	30	30			
△ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	12	12			
78300100	PAVEMENT MARKING REMOVAL	SO FT	888	888			
* X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	320	320			
X6060200	CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)	SO FT	2,587	2,587			
X7010210	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1			
20013798	CONSTRUCTION LAYOUT	L SUM	1	1			

△ SPECIALTY ITEM
 * NON PARTICIPATING
 100% STATE

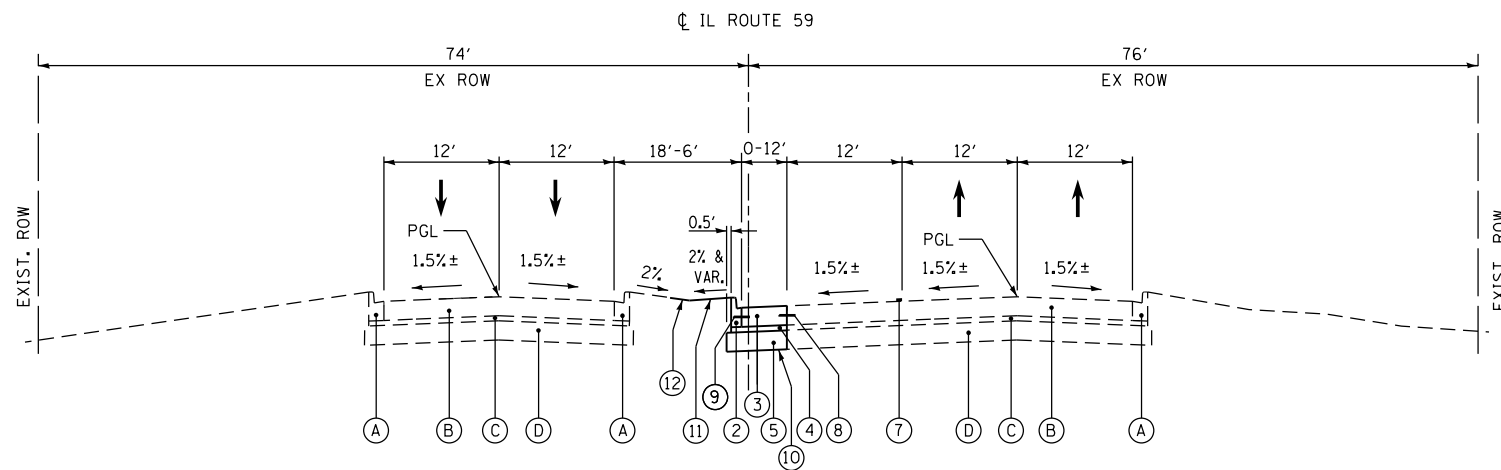
Rev.

SHT. PLAN	USER NAME: mmiller	DESIGNED - BFH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. R.T.E. 338	SECTION 1113R-2IN	COUNTY WILL	TOTAL SHEETS 38	SHEET NO. 5
	PLOT SCALE: 1/8" = 1'-0"	DRAWN - BFH	REVISED -					SCALE: N.T.S.	SHEET 3 OF 4 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	
	PLOT DATE: 3/21/2013	CHECKED - BA	REVISED -					CONTRACT NO. 60T95				



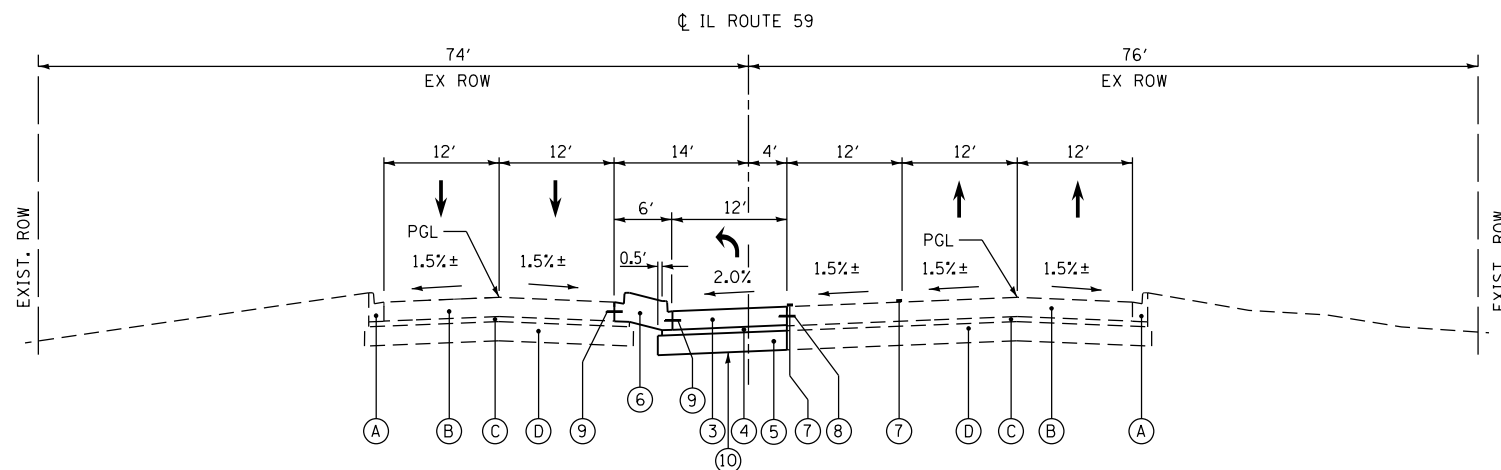
EXISTING TYPICAL SECTION - IL ROUTE 59

STA. 494 + 25.00 TO STA. 499 + 64.48



PROPOSED TYPICAL SECTION - IL ROUTE 59 NB TAPER

STA. 494 + 25 TO STA. 497 + 26



PROPOSED TYPICAL SECTION - IL ROUTE 59 NB LEFT TURN LANE

STA. 497 + 26 TO STA. 499 + 43

EXISTING LEGEND

- (A) EXISTING B-6.24 CURB & GUTTER
- (B) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
- (C) EXISTING STABILIZED SUBBASE - HOT-MIX ASPHALT 4 1/2"
- (D) EXISTING AGGREGATE SUBGRADE IMPROVEMENT, 12"

PROPOSED LEGEND

- (1) PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (2) PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (3) PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (4) PROPOSED STABILIZED SUBBASE - HOT MIX ASPHALT, 4 1/2"
- (5) PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (6) PROPOSED CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED) (MONOLITHIC POURED MEDIAN - SEE DETAIL ON SHEET 8)
- (7) PROPOSED POLYUREA PAVEMENT MARKING TYPE 1
- (8) NO. 8 TIE BAR, EPOXY COATED, DEFORMED, 24" LONG SPACED AT 24" CTR (DRILL AND GROUT). INCLUDED IN THE COST OF THE PROPOSED PCC PAVEMENT 10" (JOINTED)
- (9) NO. 6 TIE BAR, EPOXY COATED, DEFORMED, 24" LONG SPACED AT 24" CTS (DRILL AND GROUT). INCLUDED IN THE COST OF THE PROPOSED COMBINATION CONCRETE CURB AND GUTTER.
- (10) PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (11) PROPOSED TOPSOIL EXCAVATION AND PLACEMENT, 4"
- (12) PROPOSED SEEDING, CLASS 2A

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS Ndes
STABILIZED SUBBASE	
STABILIZED SUBBASE - HOT MIX ASPHALT, IL-19 mm, 4 1/2"	3% @ 50 GYR.

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT MIXTURE QUANTITIES IS 112 LBS/SO YD/IN
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.

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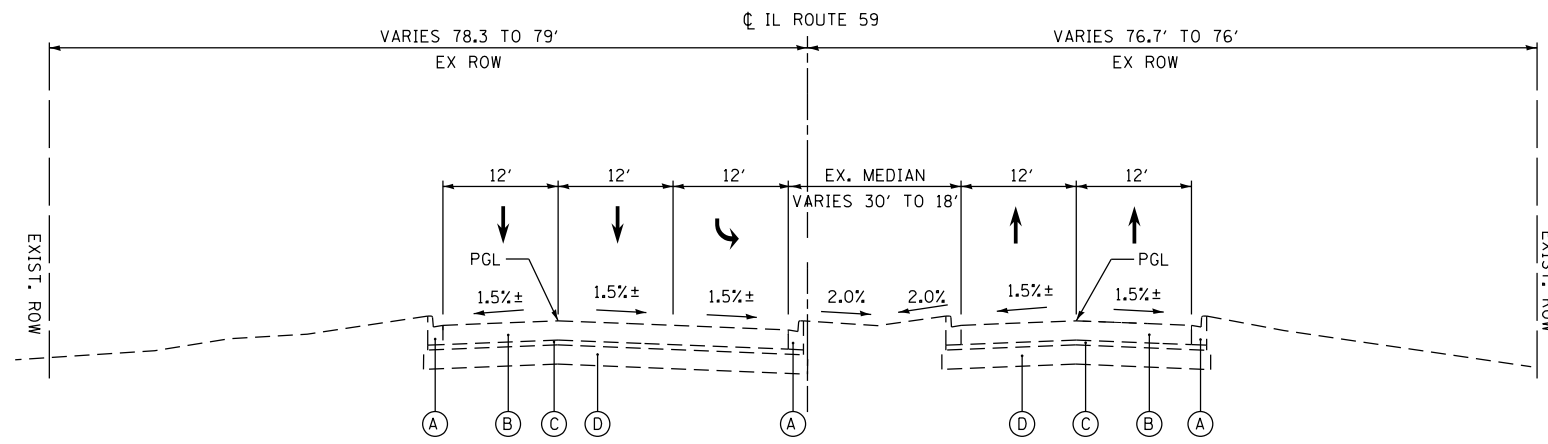
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	DRAWN - BFH	REVISED -
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PLOT DATE = 3/21/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

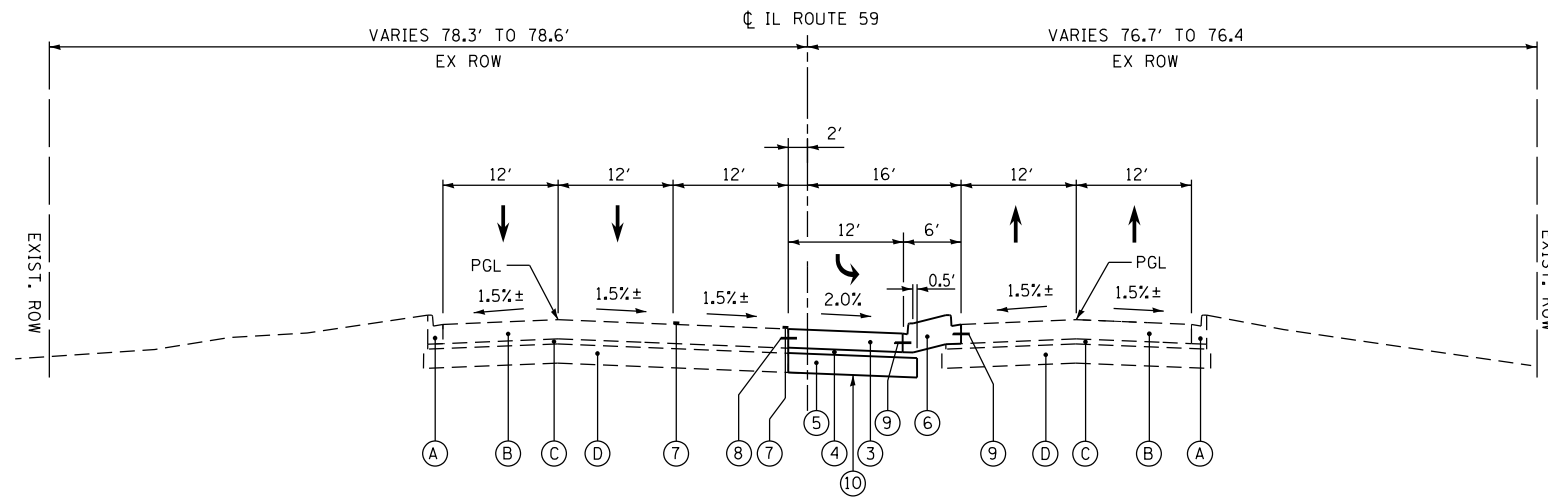
EXISTING & PROPOSED TYPICAL SECTIONS

SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

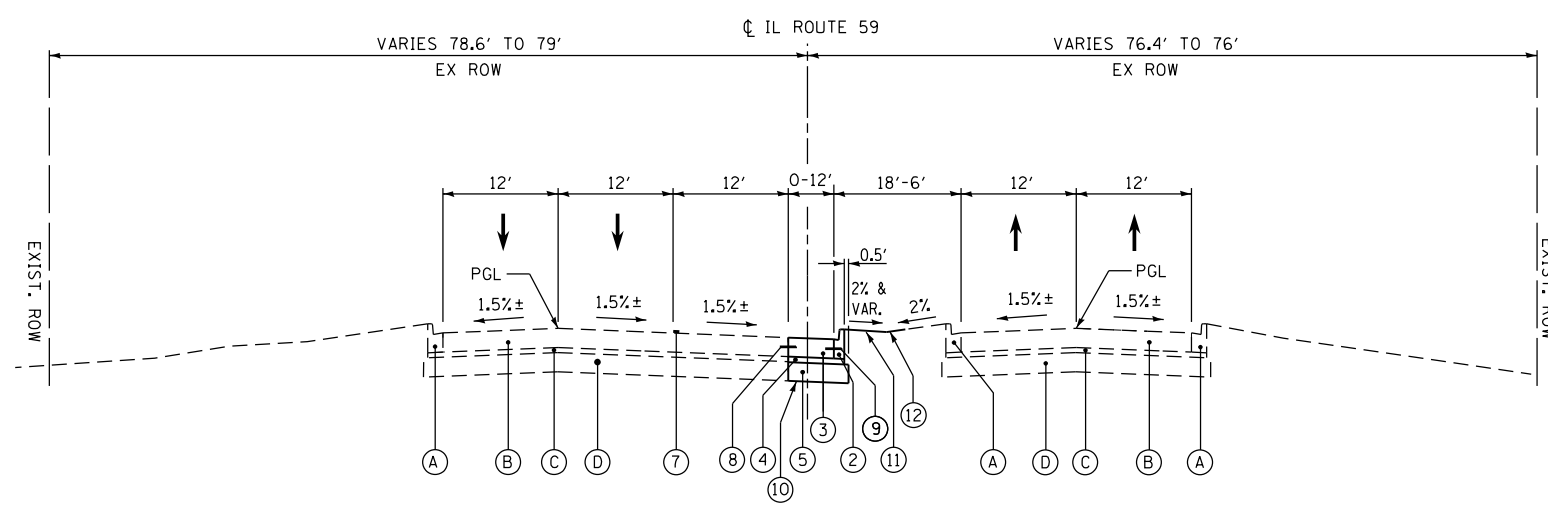
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2) N	WILL	38	7
			CONTRACT NO. 60T95	
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION - IL ROUTE 59
STA. 500+41.61 TO STA. 505+73.00



PROPOSED TYPICAL SECTION - IL ROUTE 59 SB TAPER
STA. 500+55.49 TO STA. 502+73.00



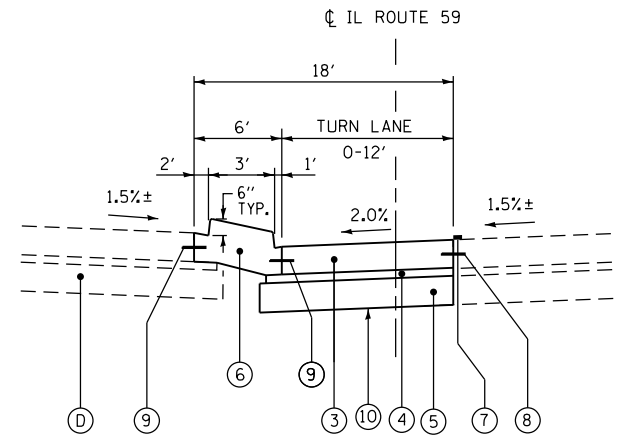
PROPOSED TYPICAL SECTION - IL ROUTE 59 SB LEFT TURN LANE
STA. 502+73.00 TO STA. 505+73.00

EXISTING LEGEND

- (A) EXISTING B-6.24 CURB & GUTTER
- (B) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
- (C) EXISTING STABILIZED SUBBASE - HOT-MIX ASPHALT 4 1/2"
- (D) EXISTING AGGREGATE SUBGRADE IMPROVEMENT, 12"

PROPOSED LEGEND

- (1) PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (2) PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (3) PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (4) PROPOSED STABILIZED SUBBASE - HOT MIX ASPHALT, 4 1/2"
- (5) PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (6) PROPOSED CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED) (MONOLITHIC POURED MEDIAN - SEE DETAIL)
- (7) PROPOSED POLYUREA PAVEMENT MARKING TYPE 1
- (8) NO. 8 TIE BAR, EPOXY COATED, DEFORMED, 24" LONG SPACED AT 24" CTR (DRILL AND GROUT). INCLUDED IN THE COST OF THE PROPOSED PCC PAVEMENT 10" (JOINTED)
- (9) NO. 6 TIE BAR, EPOXY COATED, DEFORMED, 24" LONG SPACED AT 24" CTS (DRILL AND GROUT). INCLUDED IN THE COST OF THE PROPOSED COMBINATION CONCRETE CURB AND GUTTER.
- (10) PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (11) PROPOSED TOPSOIL EXCAVATION AND PLACEMENT, 4"
- (12) PROPOSED SEEDING, CLASS 2A



CONCRETE MEDIAN SB-6.24 (MODIFIED)
IL RT 59
STA. 497+26 TO STA. 499+43.50
STA. 500+55.49 TO STA. 502+73.00

FILE NAME = \$FILEL\$

USER NAME = mmiller	DESIGNED - BFH	REVISED -
	DRAWN - BFH	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED - BA	REVISED -
PLOT DATE = 3/21/2013	DATE - 3/19/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING & PROPOSED TYPICAL SECTIONS

SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2) N	WILL	38	8
CONTRACT NO. 60T95				
ILLINOIS FED. AID PROJECT				

EARTHWORK SCHEDULE

STATION	STATION	EARTH EXCAVATION (20200100)	TOPSOIL/ UNSUITABLE	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE (+/-) (+) = WASTE (-) = SHORTAGE	TOPSOIL EXCAVATION AND PLACEMENT (21101505)
		CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
494+25.00	495+00.00	19	9	16	2	14	6
495+00.00	496+00.00	73	19	62	4	58	10
496+00.00	497+00.00	93	19	79	2	77	8
497+00.00	498+00.00	106	15	90	0	90	2
498+00.00	499+00.00	119	15	101	0	101	0
499+00.00	500+00.00	58	8	49	0	49	0
500+00.00	501+00.00	62	8	53	0	53	0
501+00.00	502+00.00	117	15	99	0	99	0
502+00.00	503+00.00	110	15	94	0	94	0
503+00.00	504+00.00	86	15	73	0	73	4
504+00.00	505+00.00	52	15	44	0	44	10
505+00.00	505+73.00	15	9	13	0	13	7
505+73.00	506+00.00	0	0	0	0	0	0
IL RT 59 TOTAL		910	162	773	8	765	47

NOTE: 15% SHRINKAGE FACTOR

EARTHWORK SUMMARY TABLE

DESCRIPTION	QUANTITY	UNIT
EARTH EXCAVATION	910	CU YD
EXTRA EXCAVATION	765	CU YD
TOPSOIL / UNSUITABLE EXCAVATION:		
TOTAL TOPSOIL EXCAVATION -	162	CU YD
EXCAVATED TOPSOIL TO BE USED AS:		
TOPSOIL EXCAVATION AND PLACEMENT -	47	CU YD
EXCESS EXCAVATED TOPSOIL TO BE:		
REMOVED AND DISPOSED OF AS UNSUITABLE MATERIAL -	115	CU YD

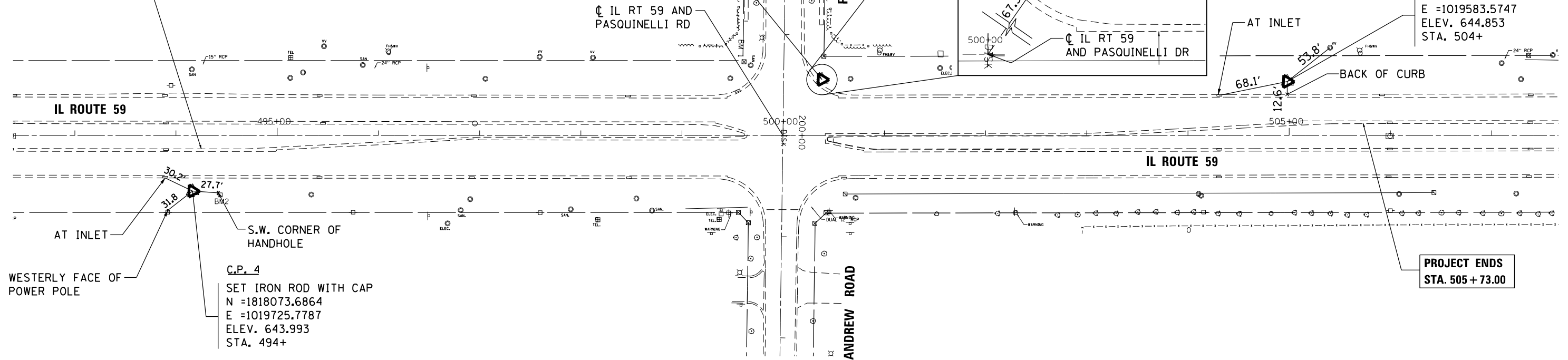
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SHT.PLAN	USER NAME = mmiller	DESIGNED - BFH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 48.0000' / in.	DRAWN - BFH	REVISED -					338	(113R-2)N	WILL	38	9
	PLOT DATE = 3/21/2013	CHECKED - BA	REVISED -		SCALE: N.T.S.	SHEET 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 60T95			
		DATE - 3/19/13	REVISED -		ILLINOIS FED. AID PROJECT							

PROJECT BEGINS
STA. 494 + 25.00

C.P. 2
SET IRON ROD WITH CAP
N = 1817502.3831
E = 1020937.6820
ELEV. 645.406
STA. 500+

C.P. 5
SET IRON ROD WITH CAP
N = 1819151.4159
E = 1019583.5747
ELEV. 644.853
STA. 504+



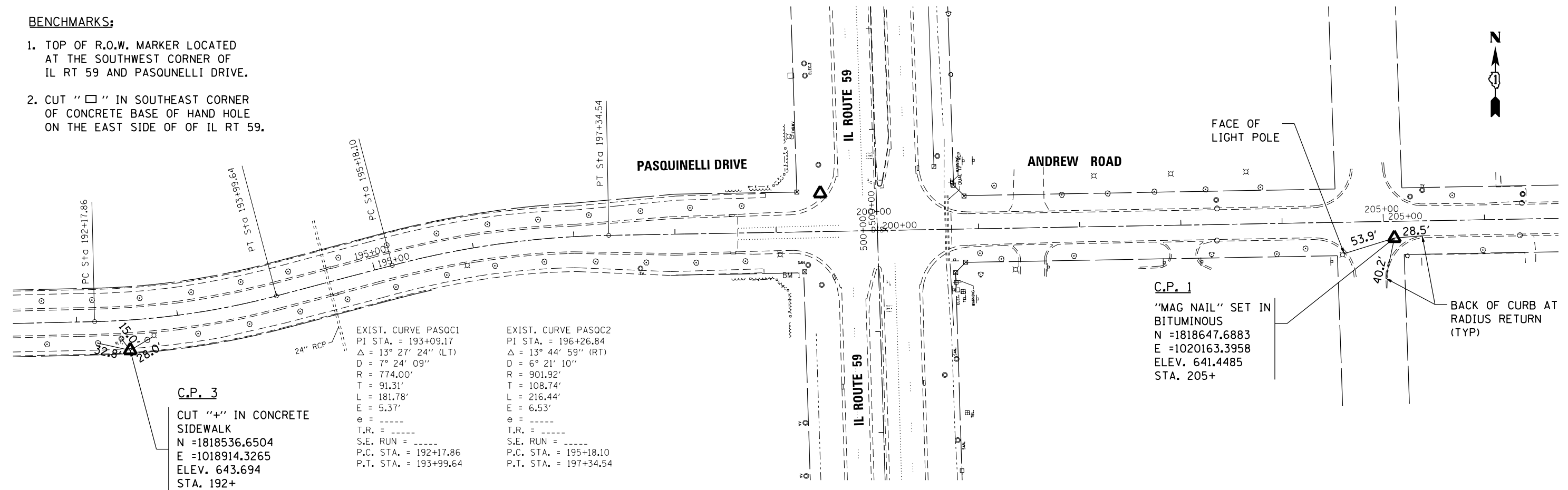
WESTERLY FACE OF
POWER POLE

C.P. 4
SET IRON ROD WITH CAP
N = 1818073.6864
E = 1019725.7787
ELEV. 643.993
STA. 494+

PROJECT ENDS
STA. 505 + 73.00

BENCHMARKS:

1. TOP OF R.O.W. MARKER LOCATED AT THE SOUTHWEST CORNER OF IL RT 59 AND PASQUINELLI DRIVE.
2. CUT "□" IN SOUTHEAST CORNER OF CONCRETE BASE OF HAND HOLE ON THE EAST SIDE OF OF IL RT 59.



C.P. 3
CUT "+" IN CONCRETE
SIDEWALK
N = 1818536.6504
E = 1018914.3265
ELEV. 643.694
STA. 192+

EXIST. CURVE PASOC1
PI STA. = 193+09.17
Δ = 13° 27' 24" (LT)
D = 7° 24' 09"
R = 774.00'
T = 91.31'
L = 181.78'
E = 5.37'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 192+17.86
P.T. STA. = 193+99.64

EXIST. CURVE PASOC2
PI STA. = 196+26.84
Δ = 13° 44' 59" (RT)
D = 6° 21' 10"
R = 901.92'
T = 108.74'
L = 216.44'
E = 6.53'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 195+18.10
P.T. STA. = 197+34.54

C.P. 1
'MAG NAIL' SET IN
BITUMINOUS
N = 1818647.6883
E = 1020163.3958
ELEV. 641.4485
STA. 205+

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

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

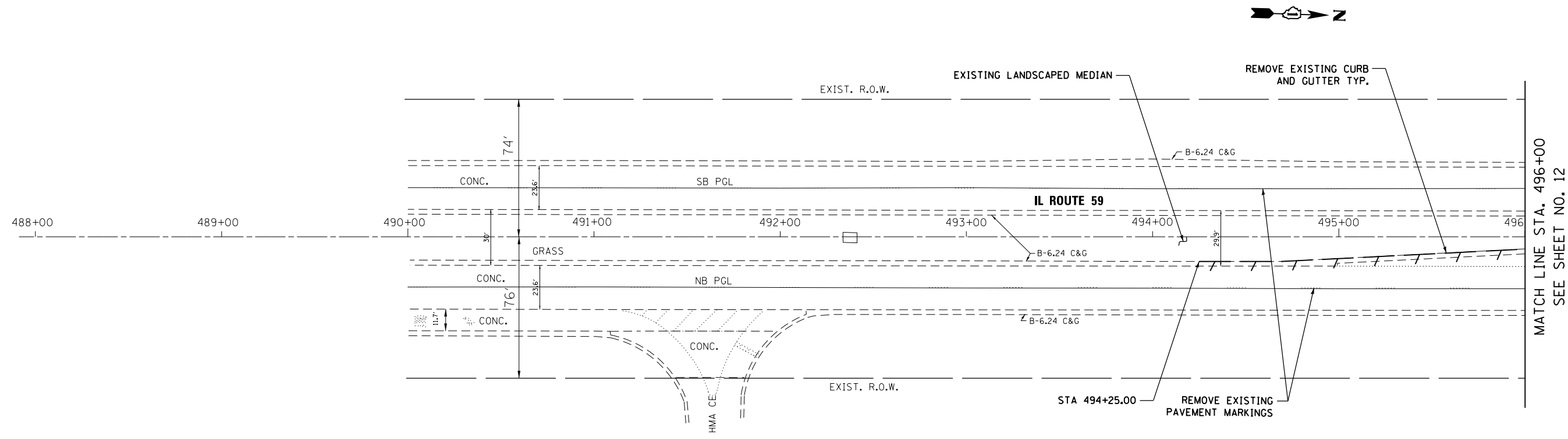
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2N)	WILL	38	10
CONTRACT NO. 60T95				

ILLINOIS FED. AID PROJECT

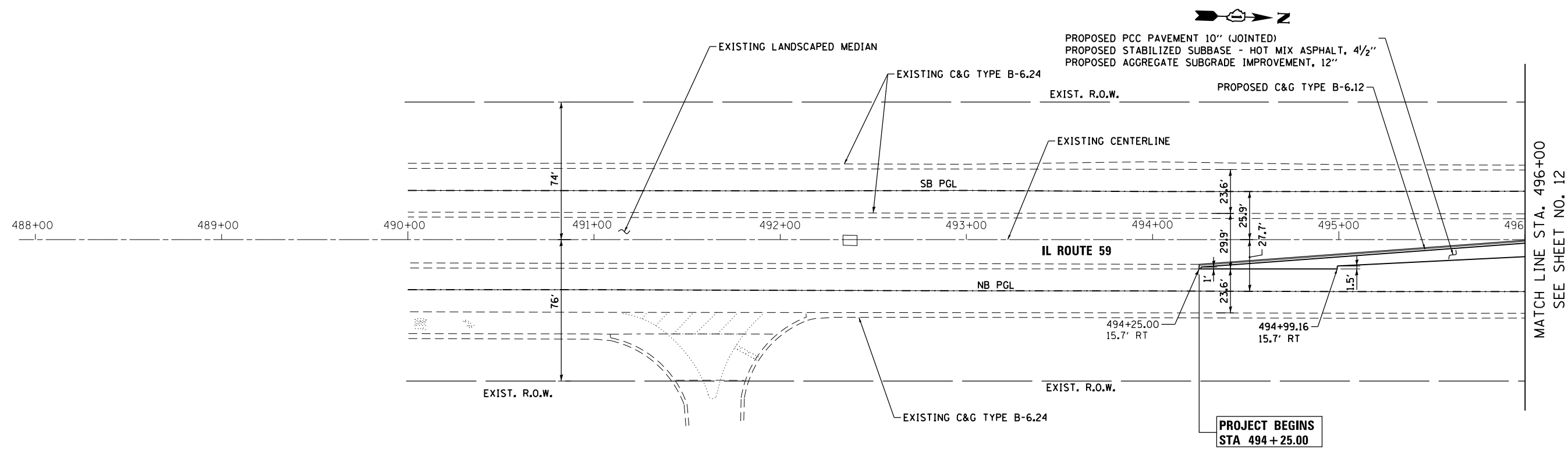
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SHT.DOUBLE PLAN

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PLOT DATE = 3/21/2013	CHECKED - BA	REVISED -
	DATE - 3/19/13	REVISED -



MATCH LINE STA. 496+00
SEE SHEET NO. 12



MATCH LINE STA. 496+00
SEE SHEET NO. 12

**PROJECT BEGINS
STA 494 + 25.00**

FILE NAME = \$FILEL\$

USER NAME = mmiller	DESIGNED - BFH	REVISED -
DRAWN - BFH	REVISED -	
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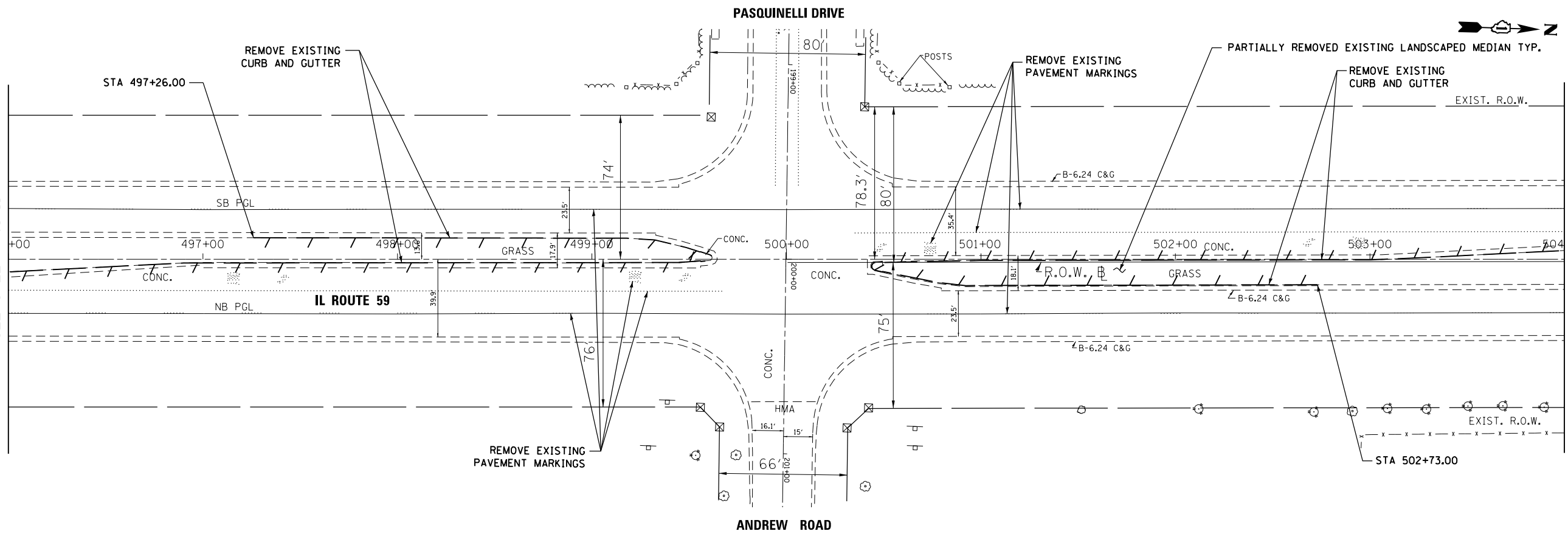
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

SCALE: 1"=30' SHEET 1 OF 3 SHEETS STA. 488+00.00 TO STA. 496+00.00

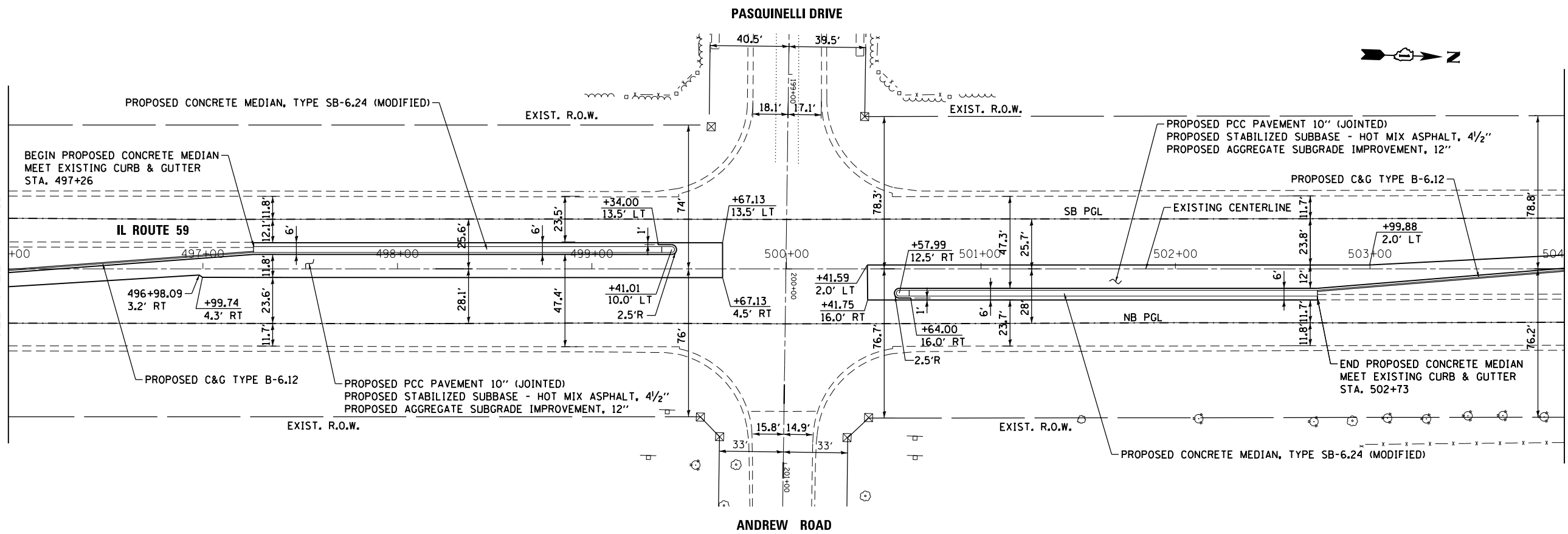
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2)N	WILL	38	11
CONTRACT NO. 60T95			ILLINOIS FED. AID PROJECT	

MATCH LINE STA. 496+00
SEE SHEET NO. 11



MATCH LINE STA. 504+00
SEE SHEET NO. 13

MATCH LINE STA. 496+00
SEE SHEET NO. 11



MATCH LINE STA. 504+00
SEE SHEET NO. 13

FILE NAME = \$FILEL\$.

USER NAME = mmiller	DESIGNED - BFH	REVISED -
DRAWN - BFH	REVISED -	
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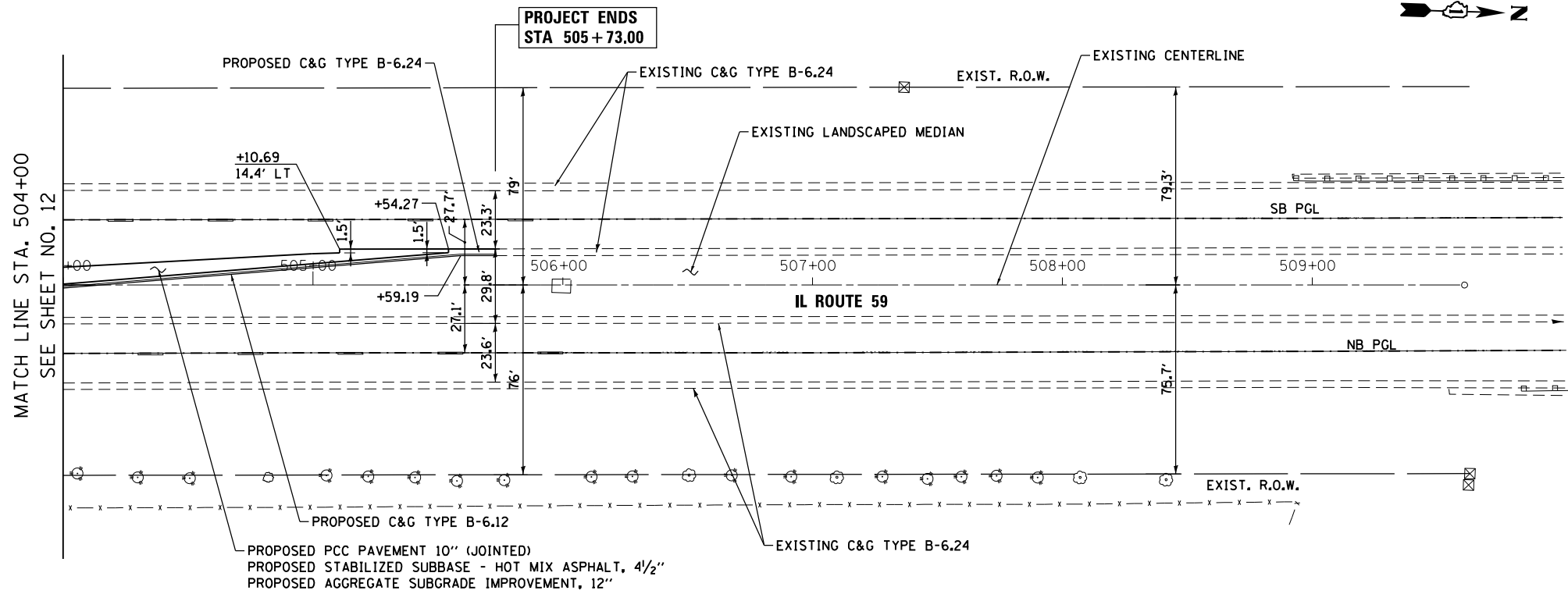
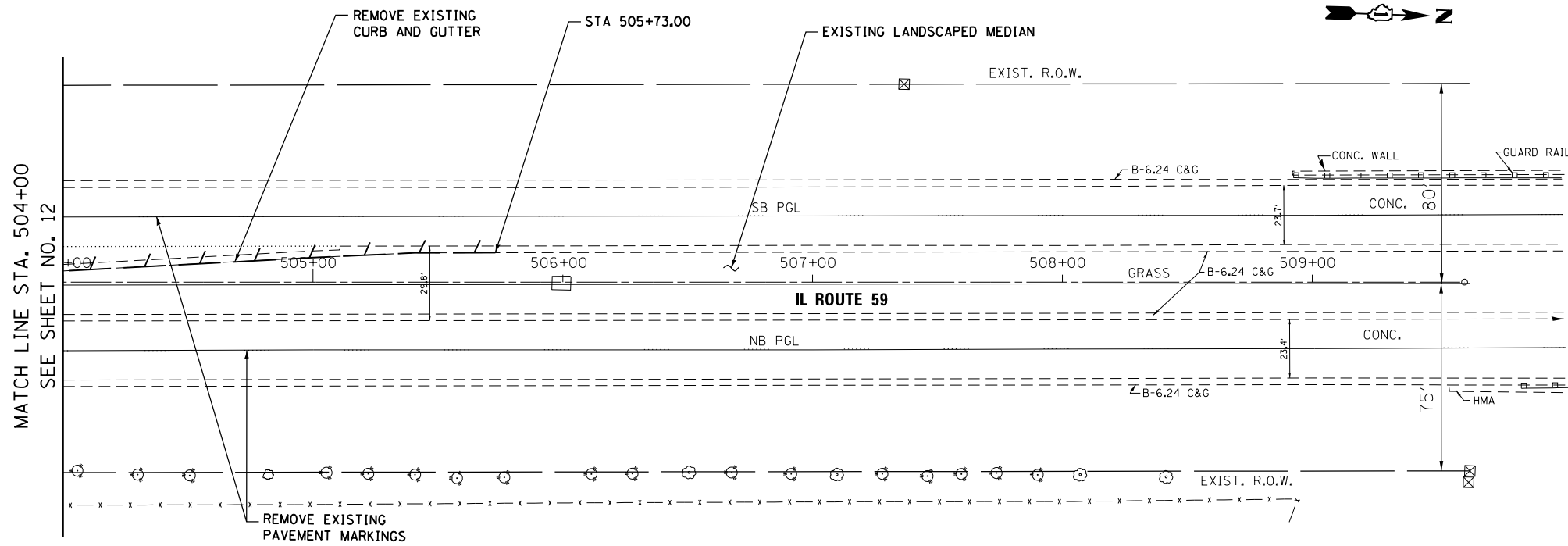
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

SCALE: 1"=30' SHEET 2 OF 3 SHEETS STA. 496+00.00 TO STA. 504+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2N)	WILL	38	12
CONTRACT NO. 60T95				

ILLINOIS FED. AID PROJECT



FILE NAME = \$FILEL\$
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USER NAME = mmiller	DESIGNED - BFH	REVISED -
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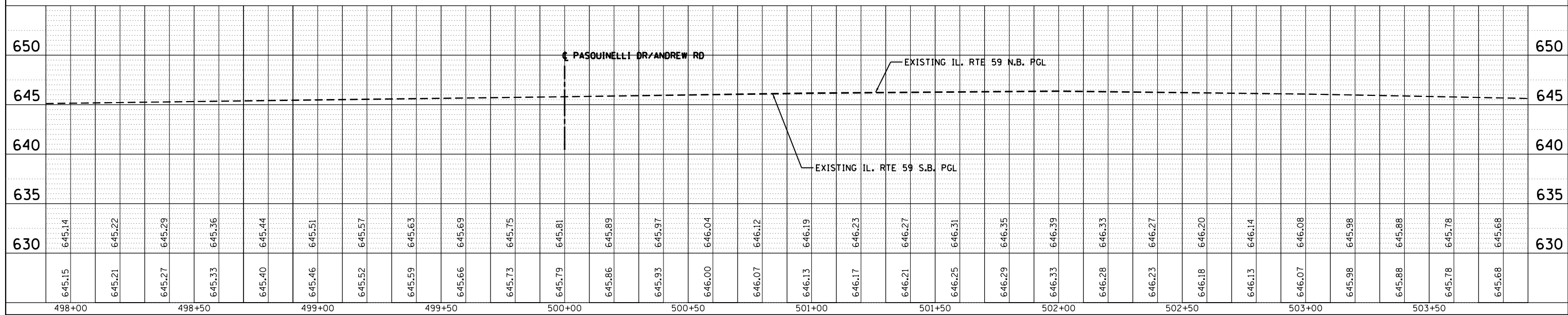
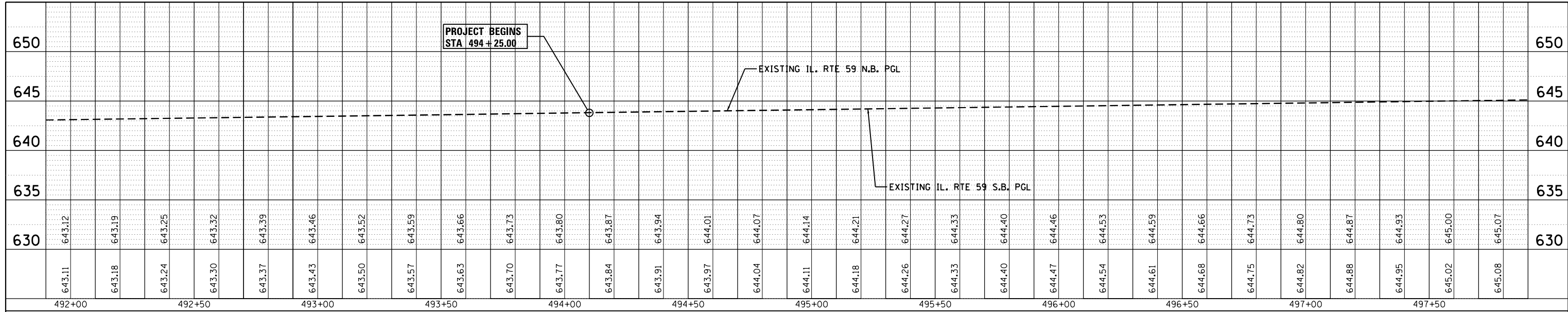
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

SCALE: 1"=30' SHEET 3 OF 3 SHEETS STA. 504+00.00 TO STA. 509+60.98

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2)N	WILL	38	13
CONTRACT NO. 60T95			ILLINOIS FED. AID PROJECT	

PROFILE	SUBMITTED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	STRUCTURE		
	NOTATIONS CHK'D		



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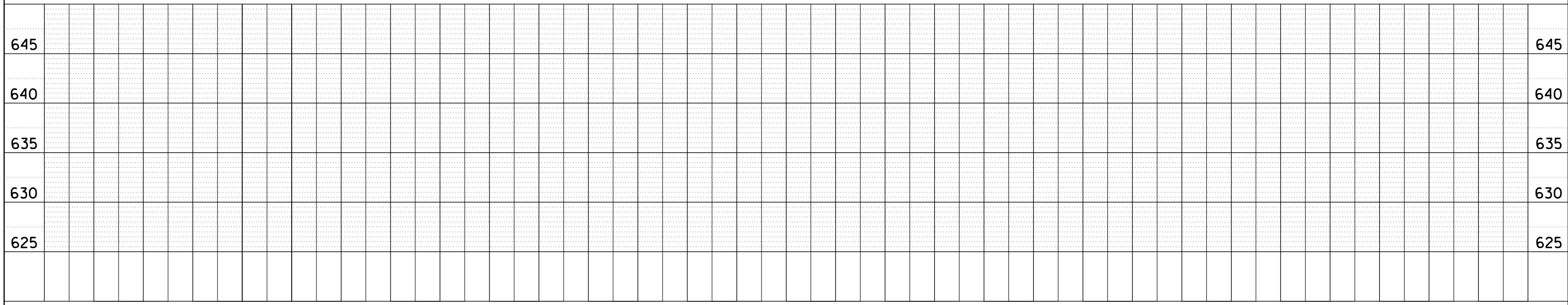
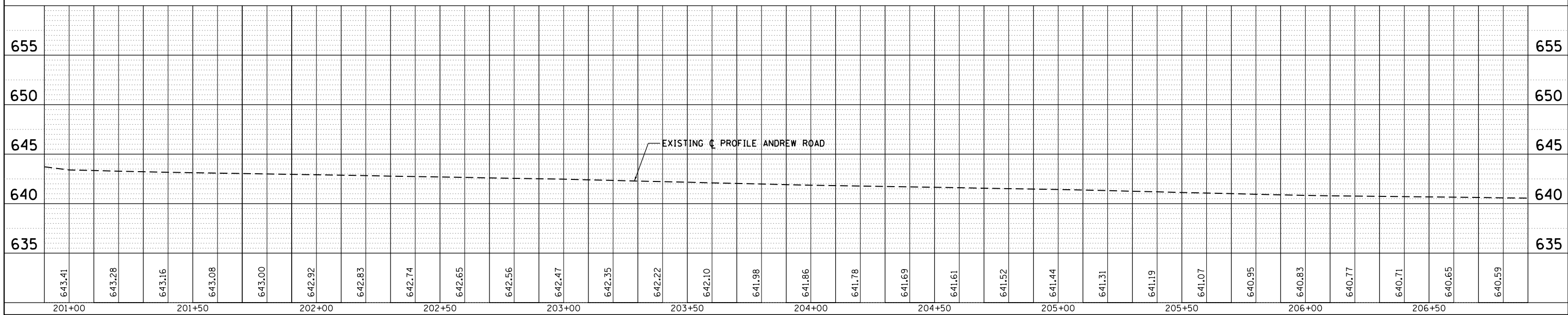
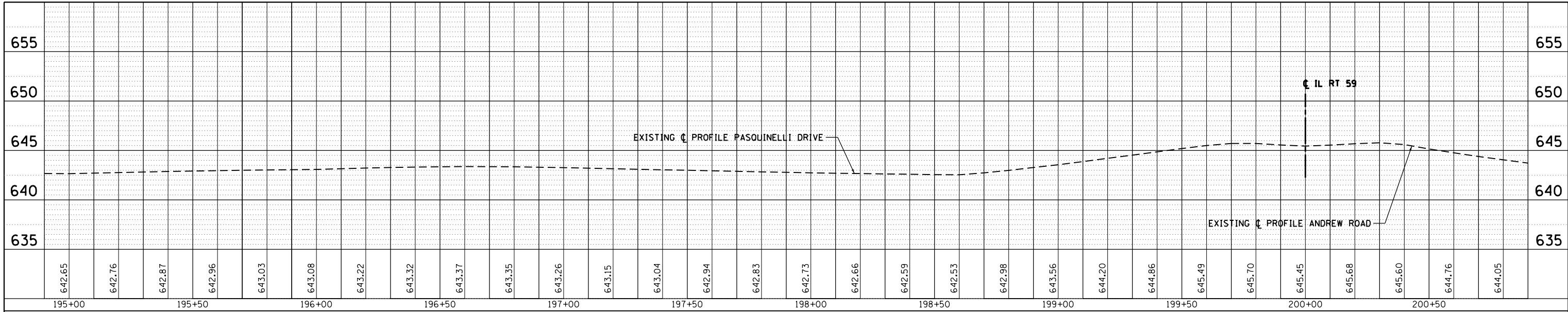
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PLOT DATE = 3/21/2013	CHECKED - BA	REVISED -
	DATE - 3/19/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PROFILE - IL ROUTE 59	
SCALE: 1"=20'	SHEET 1 OF 2 SHEETS STA. 492+00 TO STA. 509+60.97

F.A.P. RTE. 338	SECTION (113R-2N)	COUNTY WILL	TOTAL SHEETS 38	SHEET NO. 14
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T95	

PROFILE NO.	DATE
SUBMITTED	BY
GRADES CHECKED	
STRUCTURE NOTATIONS CHK'D	
NOTE BOOK NO.	



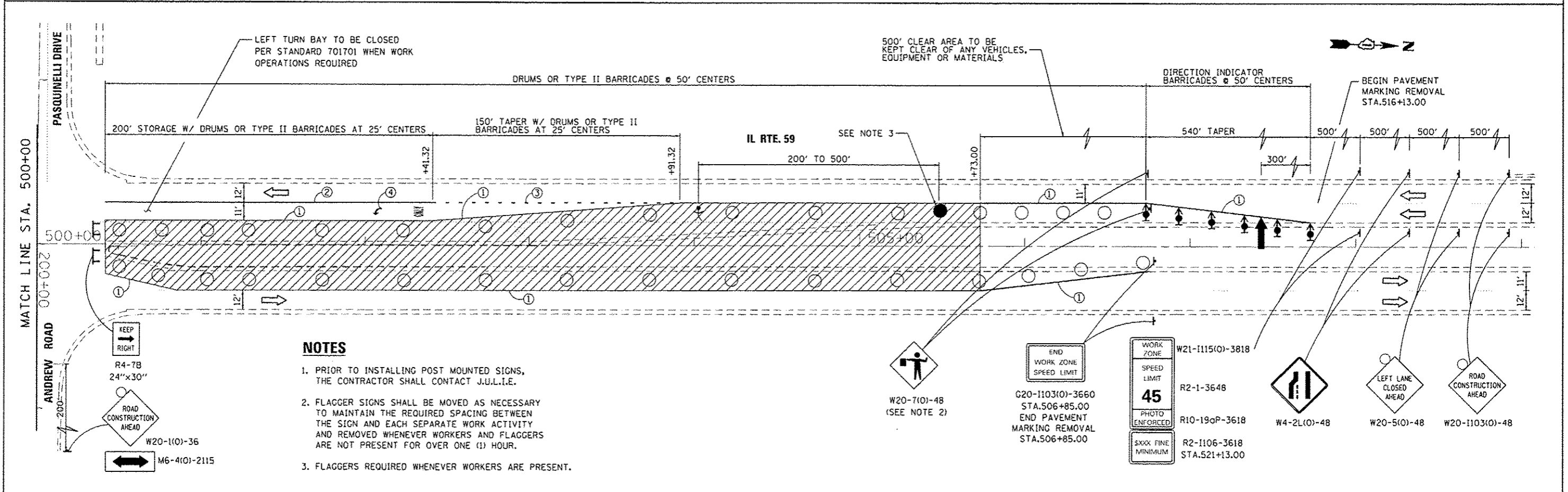
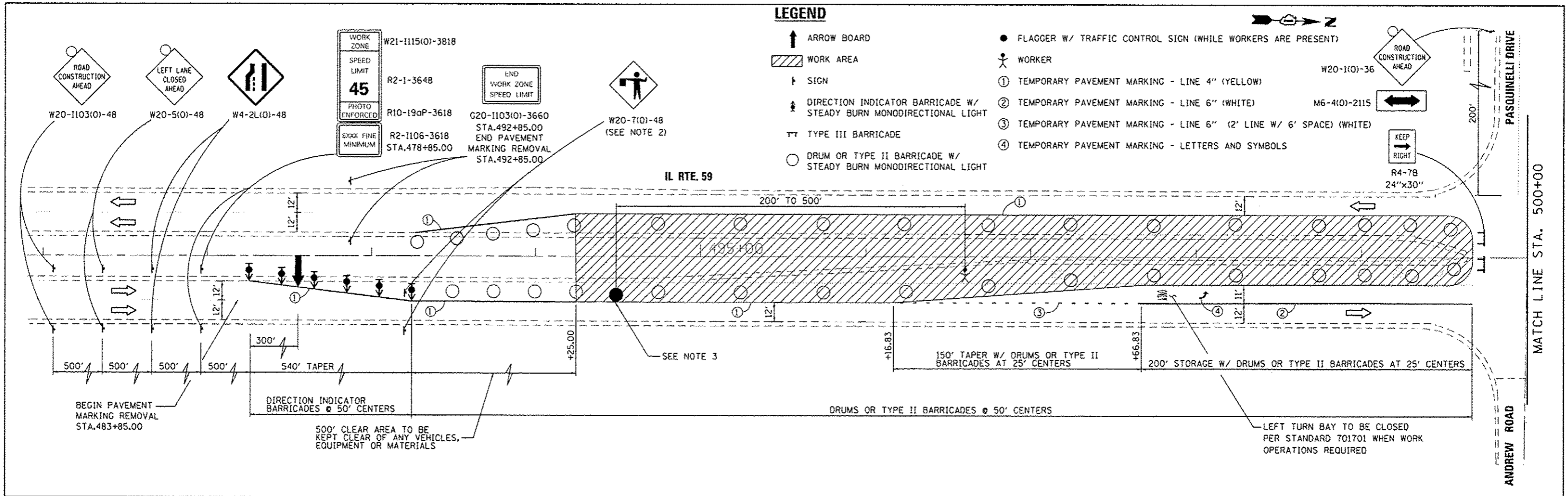
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PLOT DATE = 3/21/2013	CHECKED - BA	REVISED -
	DATE - 3/19/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PROFILE - ANDREW ROAD / PASQUINELLI DRIVE	
SCALE: 1"=20'	SHEET 2 OF 2 SHEETS STA. 195+00 TO STA. 206+90

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2N)	WILL	38	15
CONTRACT NO. 60T95				
ILLINOIS FED. AID PROJECT				



NOTES

1. PRIOR TO INSTALLING POST MOUNTED SIGNS, THE CONTRACTOR SHALL CONTACT J.U.L.I.E.
2. FLAGGER SIGNS SHALL BE MOVED AS NECESSARY TO MAINTAIN THE REQUIRED SPACING BETWEEN THE SIGN AND EACH SEPARATE WORK ACTIVITY AND REMOVED WHENEVER WORKERS AND FLAGGERS ARE NOT PRESENT FOR OVER ONE (1) HOUR.
3. FLAGGERS REQUIRED WHENEVER WORKERS ARE PRESENT.

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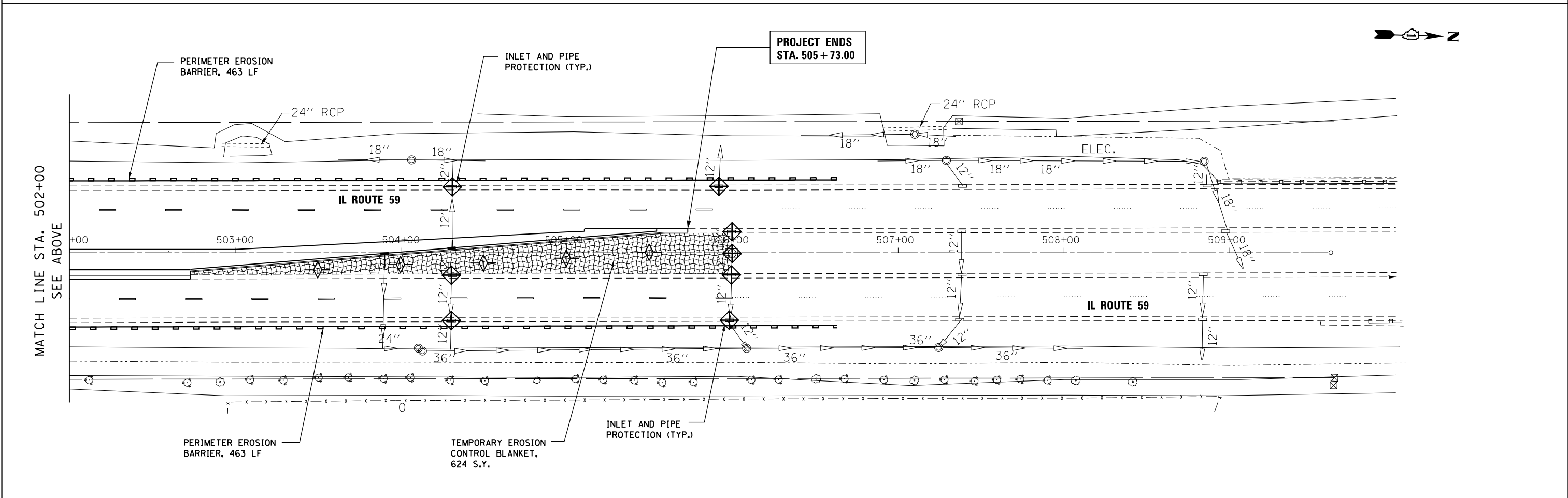
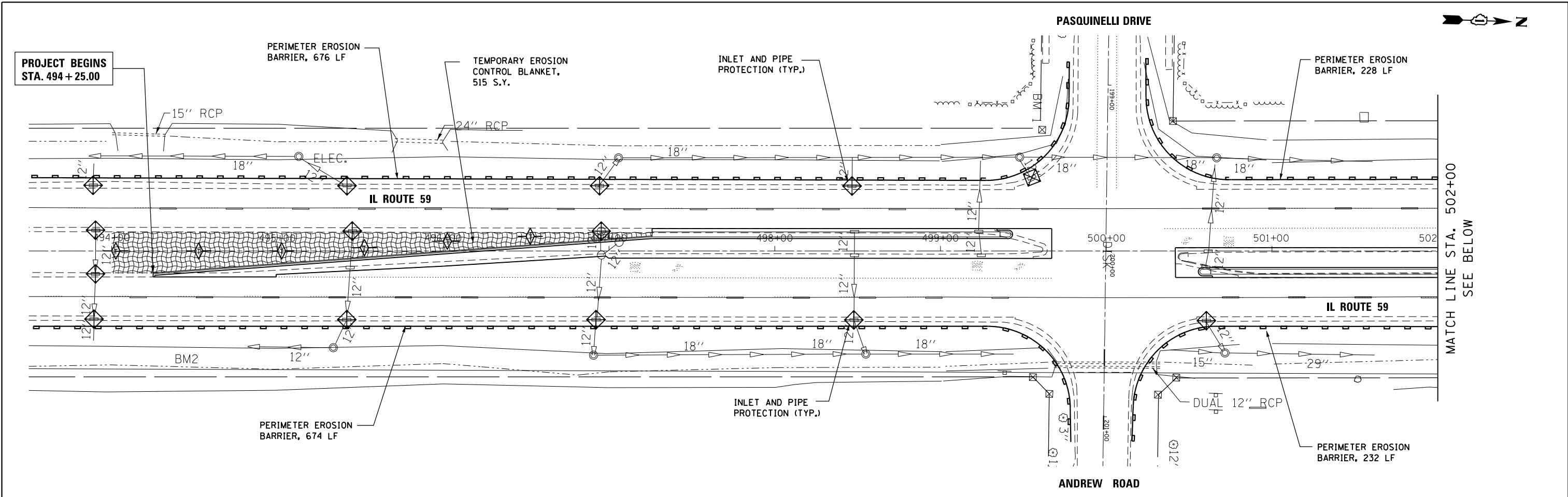
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	DATE - 3/19/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED MAINTENANCE OF TRAFFIC PLAN

SCALE: 1"=30' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2)N	WILL	38	16
CONTRACT NO. 60T95				
ILLINOIS FED. AID PROJECT				



FILE NAME = \$FILEL\$

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	DRAWN - BFH	REVISED -
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PLOT DATE = 3/21/2013	DATE - 3/19/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION AND SEDIMENT CONTROL PLAN
SCALE: 1"=30' SHEET 1 OF 1 SHEETS STA. 494+25 TO STA. 505+73

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2)N	WILL	38	17
CONTRACT NO. 60T95				
ILLINOIS FED. AID PROJECT				

DRAINAGE AND UTILITIES BILL OF MATERIALS:

PAY ITEM	UNIT	QUANTITY
TRENCH BACKFILL	CU.YD.	65
STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	119
STORM SEWER REMOVAL 12"	FOOT	119
CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	2
INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	9
• INLETS TO BE ADJUSTED	EACH	3
REMOVING CATCH BASINS TO MAINTAIN FLOW	EACH	2
REMOVING INLETS TO MAINTAIN FLOW	EACH	9
STORM SEWERS TO BE CLEANED	FOOT	320

• NOMINAL QUANTITY

DRAINAGE AND UTILITIES GENERAL NOTES:

- ALL STORM SEWERS AND PIPE CULVERTS, UNLESS OTHERWISE NOTED, SHALL CONFORM TO THE IDOT STANDARD AND SUPPLEMENTAL SPECIFICATIONS FOR REINFORCED CONCRETE CULVERT, STORM DRAIN AND SEWER PIPE A.A.S.H.T.O. DESIGNATION M170 (A.S.T.M. DESIGNATION C76), WITH A MINIMUM OF CLASS III.
- WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET, AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTION WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR DIRECTLY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- ALL BACKFILLING OPERATIONS SHALL CONFORM TO ARTICLE 550.07 OF THE IDOT STANDARD AND SUPPLEMENTAL SPECIFICATIONS.
- TRENCH BACKFILL SHALL BE USED ON THE ENTIRE LENGTH OF THE MAIN DRAIN.
- ALL BENDS SHOWN WILL NOT BE PAID FOR DIRECTLY, BUT SHALL BE INCLUDED IN THE UNIT PRICE BID PER FOOT OF THE RESPECTIVE SIZE STORM SEWER.
- PREFORMED FLEXIBLE GASKETS ARE TO BE USED ON ALL CIRCULAR STORM SEWERS AND CULVERTS AND SHALL CONFORM TO ARTICLE 1056.01 OF THE STANDARD AND SUPPLEMENTAL SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID PER FOOT FOR STORM SEWER OF SPECIFIED SIZE.
- THE LOCATION AND ELEVATION OF EXISTING UTILITIES ARE APPROXIMATE AND ARE PROVIDED BY OWNERS. THE EXACT LOCATIONS AND ELEVATIONS ARE TO BE VERIFIED BY THE CONTRACTOR THROUGH THE OWNER OF THE UTILITY.
- EMBANKMENTS SHALL BE COMPLETED TO THE SATISFACTION OF THE ENGINEER PRIOR TO EXCAVATION FOR STORM SEWER.
- THE COST OF MAKING STORM SEWER CONNECTIONS TO EXISTING OR PROPOSED SEWER SHALL BE INCIDENTAL TO THE COST OF STORM SEWER BEING CONNECTED.
- INVERT ELEVATIONS FOR PROPOSED DRAINAGE STRUCTURES TO BE CONNECTED TO EXISTING STRUCTURES ARE PROVIDED FOR INFORMATION ONLY. THE CONTRACTOR IS TO VERIFY AND ADJUST PROPOSED INVERTS AS NECESSARY IN ORDER TO ACHIEVE POSITIVE DRAINAGE.
- ALL ADJUSTMENTS OR RECONSTRUCTIONS REQUIRED FOR STRUCTURES SHALL INCLUDE THE REMOVAL AND REPLACEMENT, AT THE CONTRACTOR'S EXPENSE, OF ALL UNSUITABLE 24 INCH INSIDE DIAMETER ADJUSTING RINGS.
- IT IS UNDERSTOOD THAT THE PAY ITEM FOR STORM SEWER REMOVAL DOES NOT INCLUDE THE PROVISION OF FINE AGGREGATE TRENCH BACKFILL MATERIAL AS DESCRIBED IN ARTICLE 208.01 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. AN ESTIMATED QUANTITY OF TRENCH BACKFILL HAS BEEN ADDED TO THE PLANS FOR THE PURPOSES OF BACKFILLING THE TRENCH REMAINING FROM THE STORM SEWER REMOVAL TO BE USED AT THE DIRECTION OF THE ENGINEER.
- THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT NOT ALL THE EXISTING UNDERGROUND UTILITIES HAVE BEEN DELINEATED ON THE PLANS AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND PROTECT ALL EXISTING UTILITIES. NO EXTRA COMPENSATION WILL BE ALLOWED FOR DELAYS ARISING FROM ANY WORK PERFORMED BY THE UTILITY COMPANY.
- THE CONTRACTOR SHOULD CONTACT J.U.L.I.E. AT LEAST 48 HOURS BEFORE START OF CONSTRUCTION AT 1-800-892-0123.
- FOR STORM SEWER CONNECTIONS MADE TO STORM SEWERS 24 INCH DIAMETER OR LESS PRECAST WYE CONNECTIONS SHALL BE USED. THE COST OF WYE CONNECTIONS SHALL BE INCLUDED IN THE COST OF STORM SEWER BEING CONNECTED.

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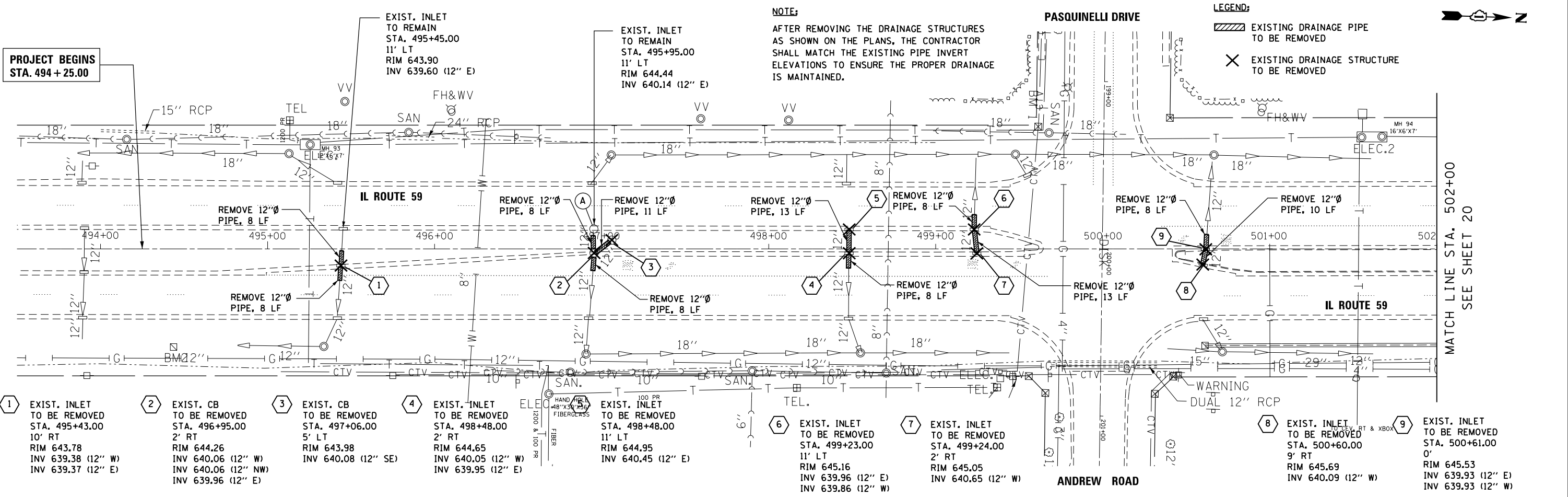
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

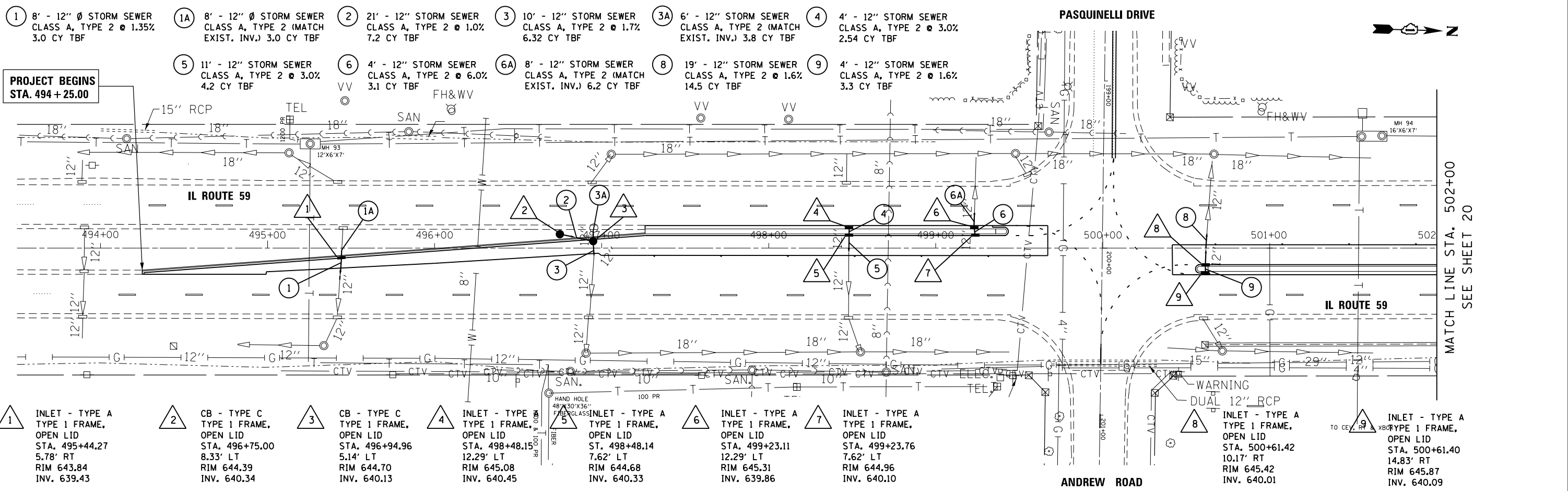
EXISTING UTILITIES AND PROPOSED DRAINAGE

SCALE: N.T.S. SHEET 1 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2)N	WILL	38	18
				CONTRACT NO. 60T95
ILLINOIS FED. AID PROJECT				



- 1 EXIST. INLET TO BE REMOVED STA. 495+43.00 10' RT RIM 643.78 INV 639.38 (12" W) INV 639.37 (12" E)
- 2 EXIST. CB TO BE REMOVED STA. 496+95.00 2' RT RIM 644.26 INV 640.06 (12" W) INV 640.06 (12" NW) INV 639.96 (12" E)
- 3 EXIST. CB TO BE REMOVED STA. 497+06.00 5' LT RIM 643.98 INV 640.08 (12" SE)
- 4 EXIST. INLET TO BE REMOVED STA. 498+48.00 2' RT RIM 644.65 INV 640.05 (12" W) INV 639.95 (12" E)
- 5 EXIST. INLET TO BE REMOVED STA. 498+48.00 11' LT RIM 644.95 INV 640.45 (12" E)
- 6 EXIST. INLET TO BE REMOVED STA. 499+23.00 11' LT RIM 645.16 INV 639.96 (12" E) INV 639.86 (12" W)
- 7 EXIST. INLET TO BE REMOVED STA. 499+24.00 2' RT RIM 645.05 INV 640.65 (12" W)
- 8 EXIST. INLET TO BE REMOVED STA. 500+60.00 9' RT RIM 645.69 INV 640.09 (12" W)
- 9 EXIST. INLET TO BE REMOVED STA. 500+61.00 0' RIM 645.53 INV 639.93 (12" E) INV 639.93 (12" W)



- 1 8' - 12" Ø STORM SEWER CLASS A, TYPE 2 @ 1.35% 3.0 CY TBF
 - 1A 8' - 12" Ø STORM SEWER CLASS A, TYPE 2 (MATCH EXIST. INV.) 3.0 CY TBF
 - 2 21' - 12" STORM SEWER CLASS A, TYPE 2 @ 1.0% 7.2 CY TBF
 - 3 10' - 12" STORM SEWER CLASS A, TYPE 2 @ 1.7% 6.32 CY TBF
 - 3A 6' - 12" STORM SEWER CLASS A, TYPE 2 (MATCH EXIST. INV.) 3.8 CY TBF
 - 4 4' - 12" STORM SEWER CLASS A, TYPE 2 @ 3.0% 2.54 CY TBF
 - 5 11' - 12" STORM SEWER CLASS A, TYPE 2 @ 3.0% 4.2 CY TBF
 - 6 4' - 12" STORM SEWER CLASS A, TYPE 2 @ 6.0% 3.1 CY TBF
 - 6A 8' - 12" STORM SEWER CLASS A, TYPE 2 (MATCH EXIST. INV.) 6.2 CY TBF
 - 8 19' - 12" STORM SEWER CLASS A, TYPE 2 @ 1.6% 14.5 CY TBF
 - 9 4' - 12" STORM SEWER CLASS A, TYPE 2 @ 1.6% 3.3 CY TBF
- 1 INLET - TYPE A TYPE 1 FRAME, OPEN LID STA. 495+44.27 5.78' RT RIM 643.84 INV. 639.43
 - 2 CB - TYPE C TYPE 1 FRAME, OPEN LID STA. 496+75.00 8.33' LT RIM 644.39 INV. 640.34
 - 3 CB - TYPE C TYPE 1 FRAME, OPEN LID STA. 496+94.96 5.14' LT RIM 644.70 INV. 640.13
 - 4 INLET - TYPE A TYPE 1 FRAME, OPEN LID STA. 498+48.15 12.29' LT RIM 645.08 INV. 640.45
 - 5 INLET - TYPE A TYPE 1 FRAME, OPEN LID STA. 498+48.14 7.62' LT RIM 644.68 INV. 640.33
 - 6 INLET - TYPE A TYPE 1 FRAME, OPEN LID STA. 499+23.11 12.29' LT RIM 645.31 INV. 639.86
 - 7 INLET - TYPE A TYPE 1 FRAME, OPEN LID STA. 499+23.76 7.62' LT RIM 644.96 INV. 640.10
 - 8 INLET - TYPE A TYPE 1 FRAME, OPEN LID STA. 500+61.42 10.17' RT RIM 645.42 INV. 640.01
 - 9 INLET - TYPE A TYPE 1 FRAME, OPEN LID STA. 500+61.40 14.83' RT RIM 645.87 INV. 640.09

NOTE:

AFTER REMOVING THE DRAINAGE STRUCTURES AS SHOWN ON THE PLANS, THE CONTRACTOR SHALL MATCH THE EXISTING PIPE INVERT ELEVATIONS TO ENSURE THE PROPER DRAINAGE IS MAINTAINED.

LEGEND:

- EXISTING DRAINAGE PIPE TO BE REMOVED
- EXISTING DRAINAGE STRUCTURE TO BE REMOVED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING UTILITIES AND PROPOSED DRAINAGE

SCALE: 1"=30' SHEET 2 OF 3 SHEETS STA. 494+25 TO STA. 502+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2N)	WILL	38	19
CONTRACT NO. 60T95			ILLINOIS FED. AID PROJECT	

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PLOT DATE = 3/21/2013	CHECKED - BA	REVISED -
	DATE - 3/19/13	REVISED -

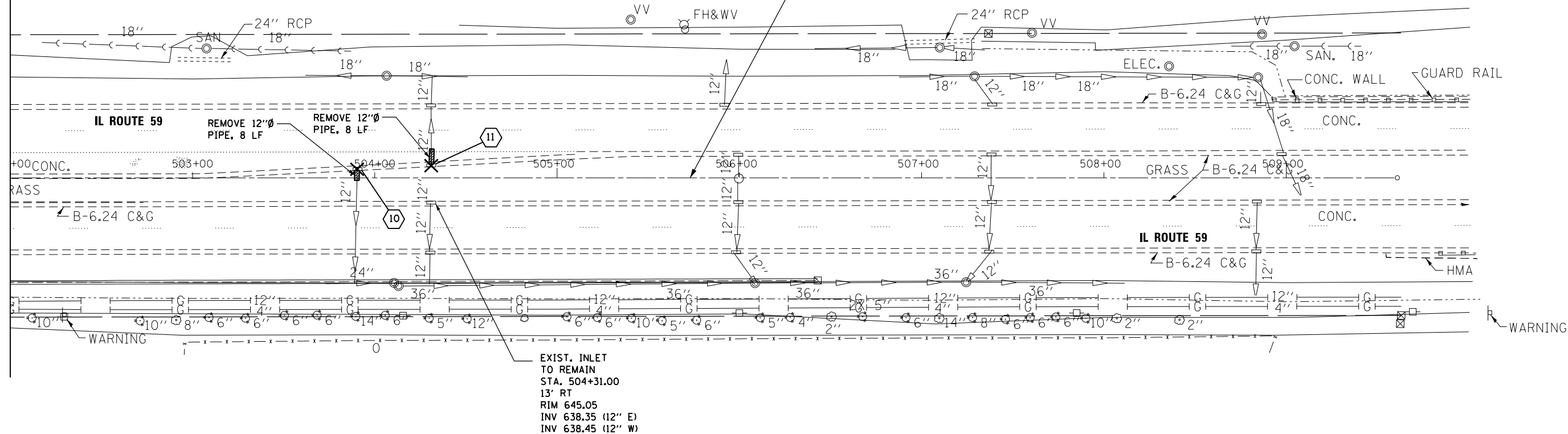
- 10 EXIST. INLET TO BE REMOVED
STA. 503+90.00
4' LT
RIM 645.11
INV 641.81 (12" E)
- 11 EXIST. INLET TO BE REMOVED
STA. 504+31.00
6' LT
RIM 644.93
INV 641.63 (12" W)

- LEGEND:**
- EXISTING DRAINAGE PIPE TO BE REMOVED
 - EXISTING DRAINAGE STRUCTURE TO BE REMOVED

**PROJECT ENDS
STA. 505+73.00**

NOTE:
AFTER REMOVING THE DRAINAGE STRUCTURES AS SHOWN ON THE PLANS, THE CONTRACTOR SHALL MATCH THE EXISTING PIPE INVERT ELEVATIONS TO ENSURE THE PROPER DRAINAGE IS MAINTAINED.

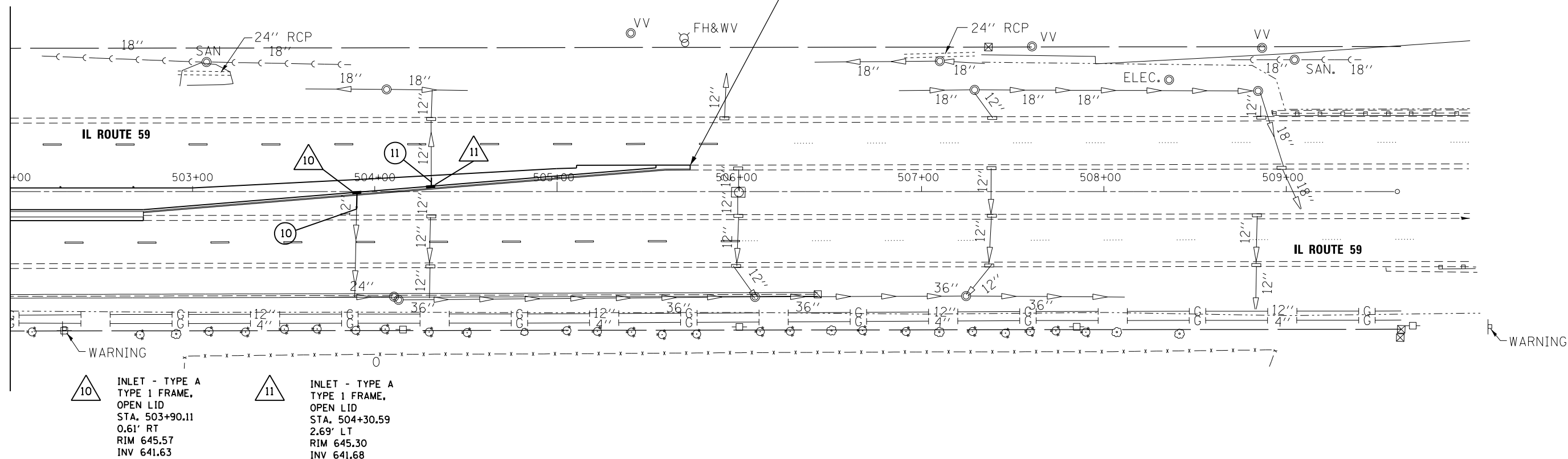
MATCH LINE STA. 502+00
SEE SHEET 19



- 10 8' - 12" STORM SEWER CLASS A, TYPE 2 @ 1.0% 1.50 CY TBF
- 11 8' - 12" STORM SEWER CLASS A, TYPE 2 @ 1.0% 1.50 CY TBF

**PROJECT ENDS
STA. 505+73.00**

MATCH LINE STA. 502+00
SEE SHEET 19



- 10 INLET - TYPE A TYPE 1 FRAME, OPEN LID
STA. 503+90.11
0.61' RT
RIM 645.57
INV 641.63
- 11 INLET - TYPE A TYPE 1 FRAME, OPEN LID
STA. 504+30.59
2.69' LT
RIM 645.30
INV 641.68

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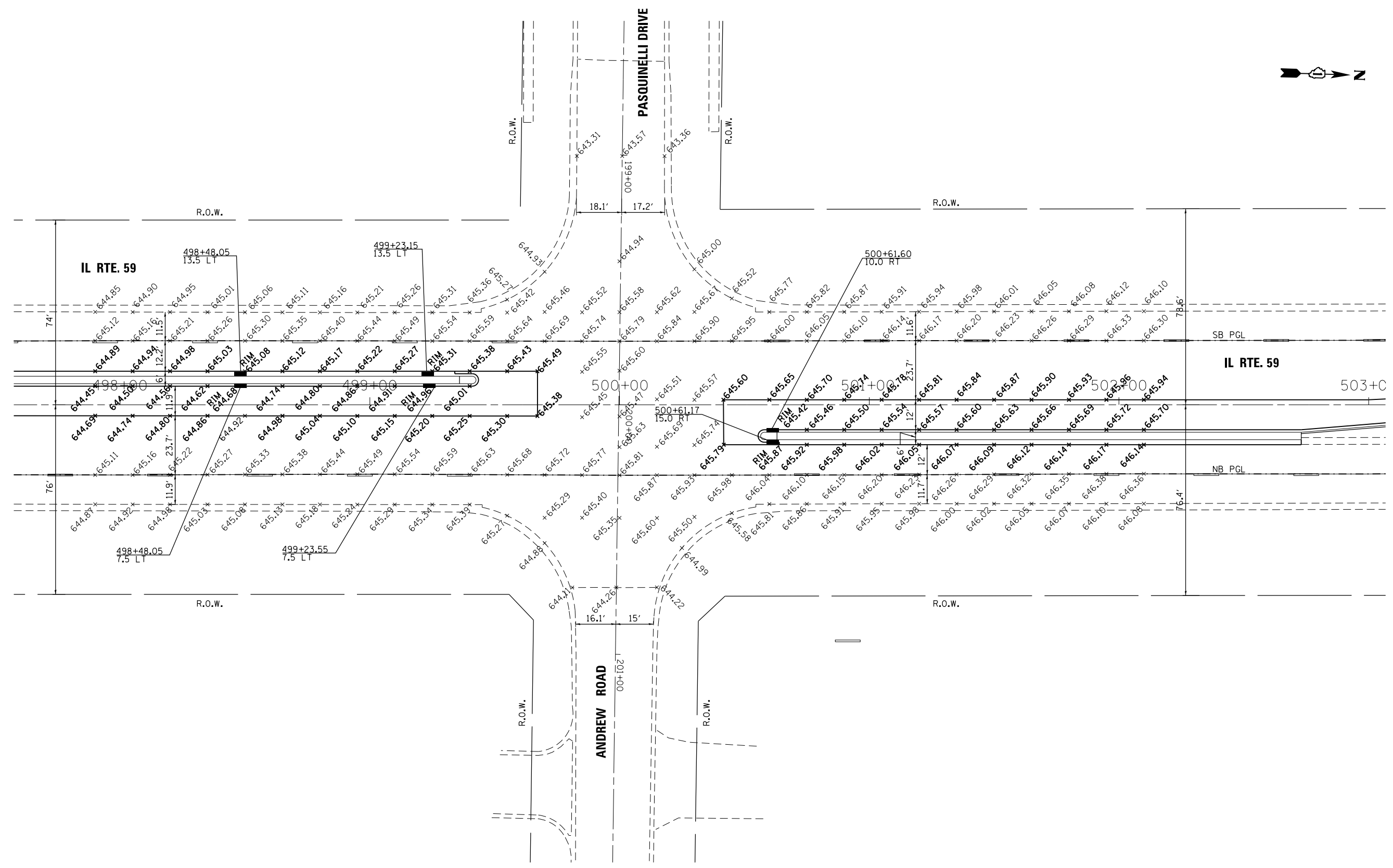
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PLOT DATE = 3/21/2013	CHECKED - BA	REVISED -
	DATE - 3/19/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING UTILITIES AND PROPOSED DRAINAGE

SCALE: 1"=30' SHEET 3 OF 3 SHEETS STA. 502+00 TO STA. 505+73

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2N)	WILL	38	20
CONTRACT NO. 60T95				
ILLINOIS FED. AID PROJECT				



FILE NAME = \$FILEL\$

USER NAME = mmiller	DESIGNED - MTM	REVISED -
DRAWN - MTM	REVISOR -	
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PLOT DATE = 3/21/2013	DATE - 3/19/13	REVISOR -

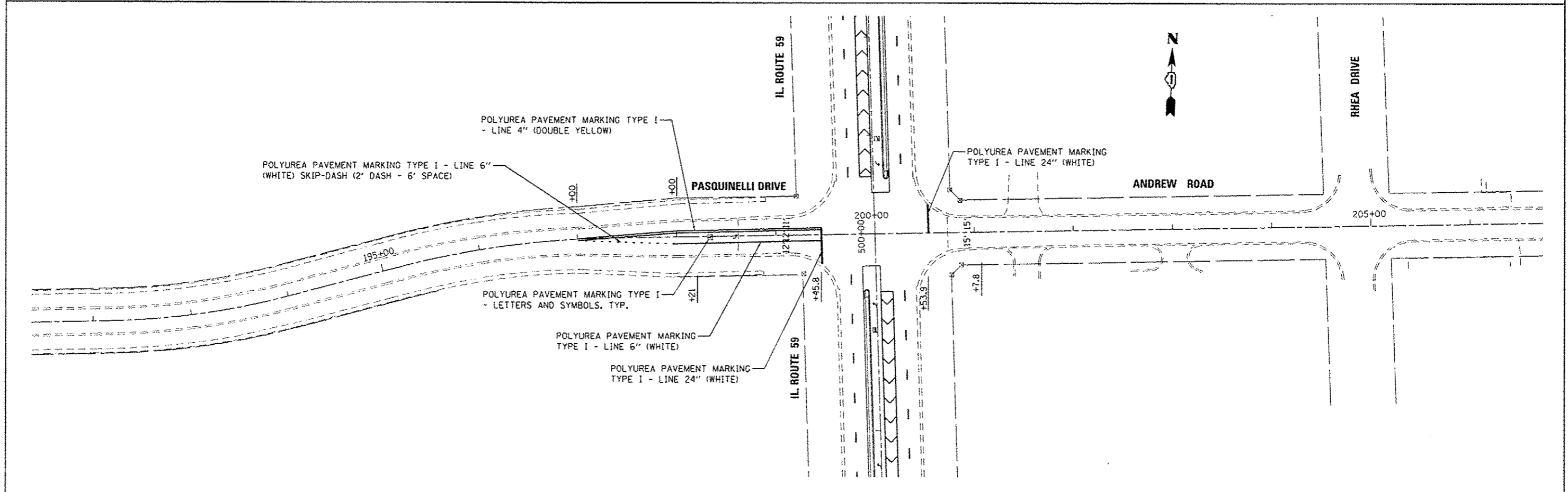
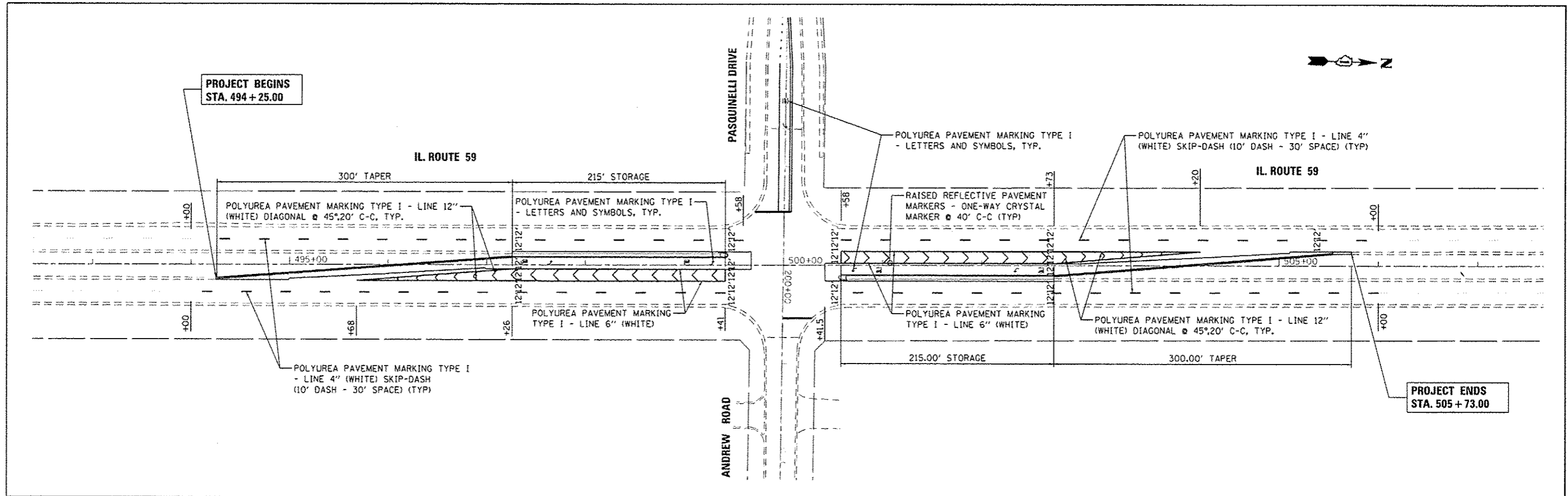
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2)N	WILL	38	21
CONTRACT NO. 60T95				
ILLINOIS FED. AID PROJECT				

Default



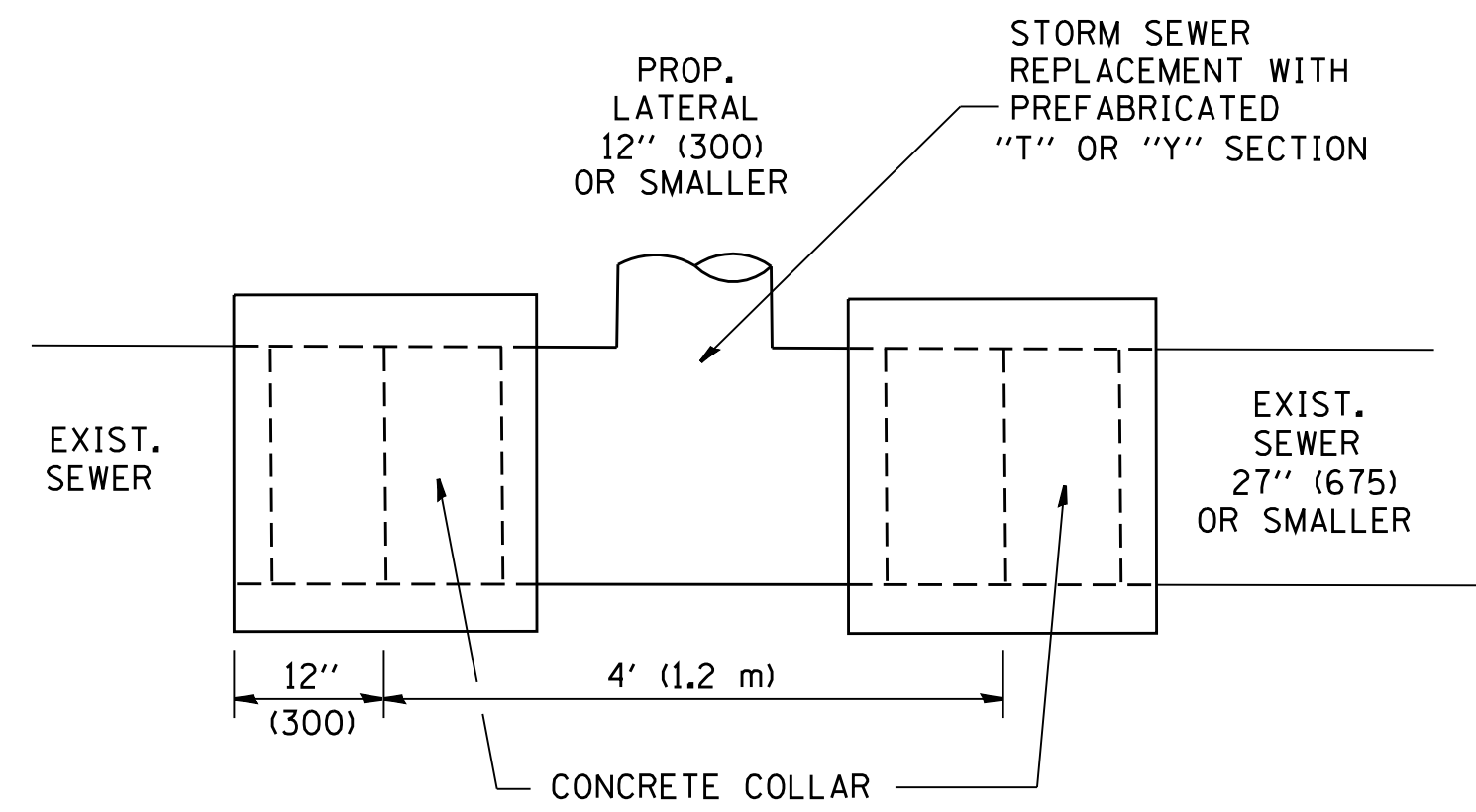
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SMT_DOUBLE PLAN

USER NAME = emiller	DESIGNED - BFH	REVISED -
	DRAWN - BFH	REVISED -
PLOT SCALE = 1/80.0000" = 1'	CHECKED - BA	REVISED -
PLOT DATE = 4/18/2013	DATE - 3/19/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

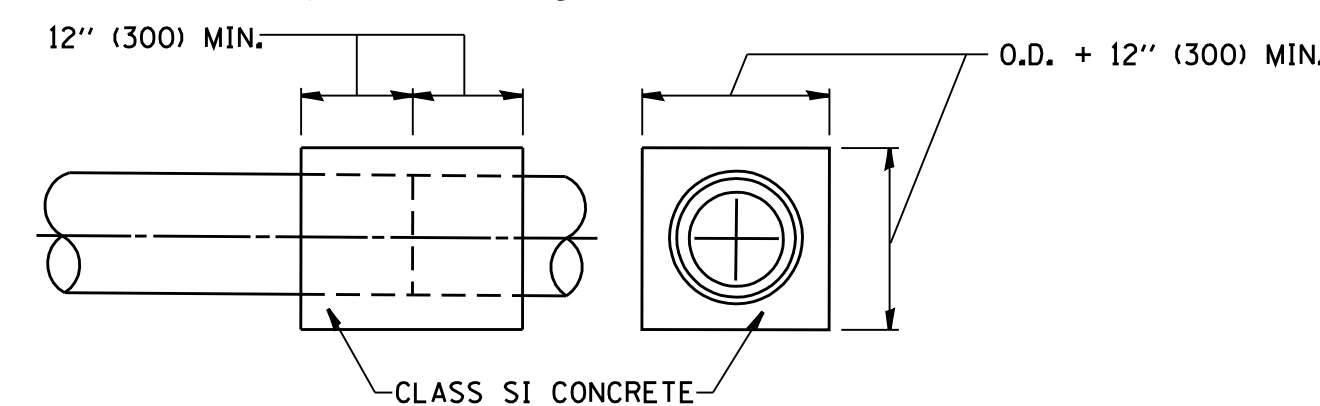
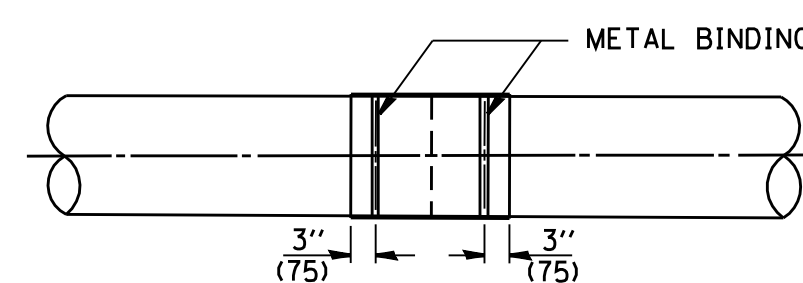
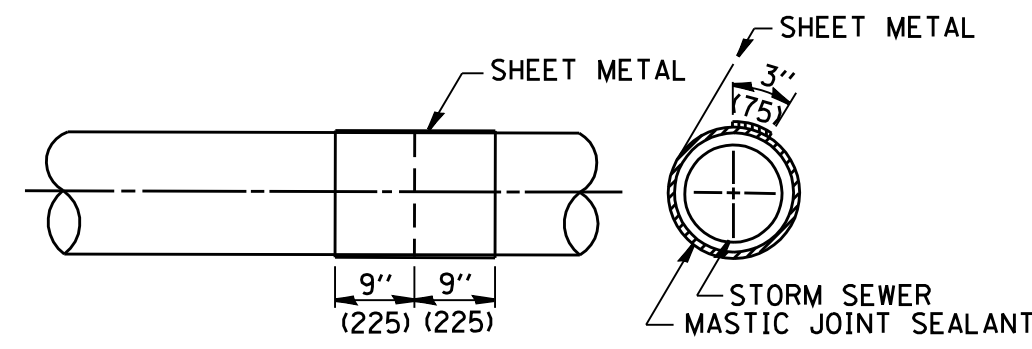
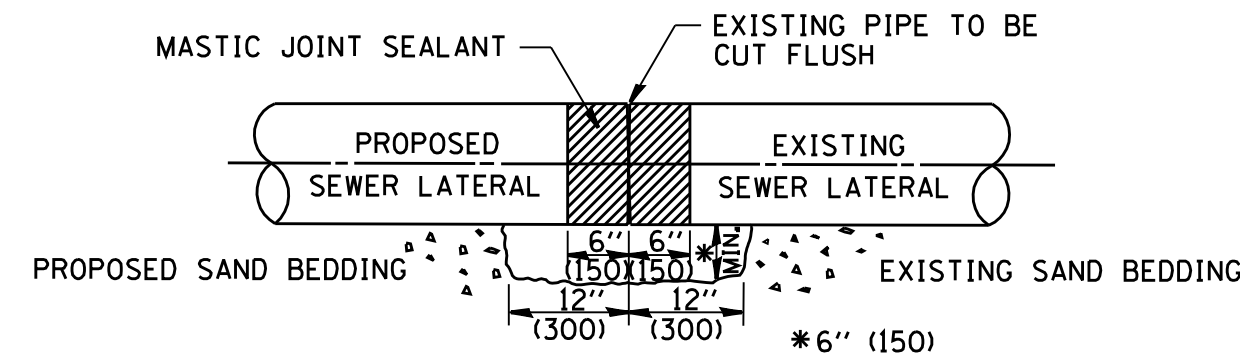
PAVEMENT MARKING PLAN
494+25.00 505+73.00
SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 198+00.00 TO STA. 201+07.80

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2)N	WILL	38	22
CONTRACT NO. 60T95				
ILLINOIS FED. AID PROJECT				



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER

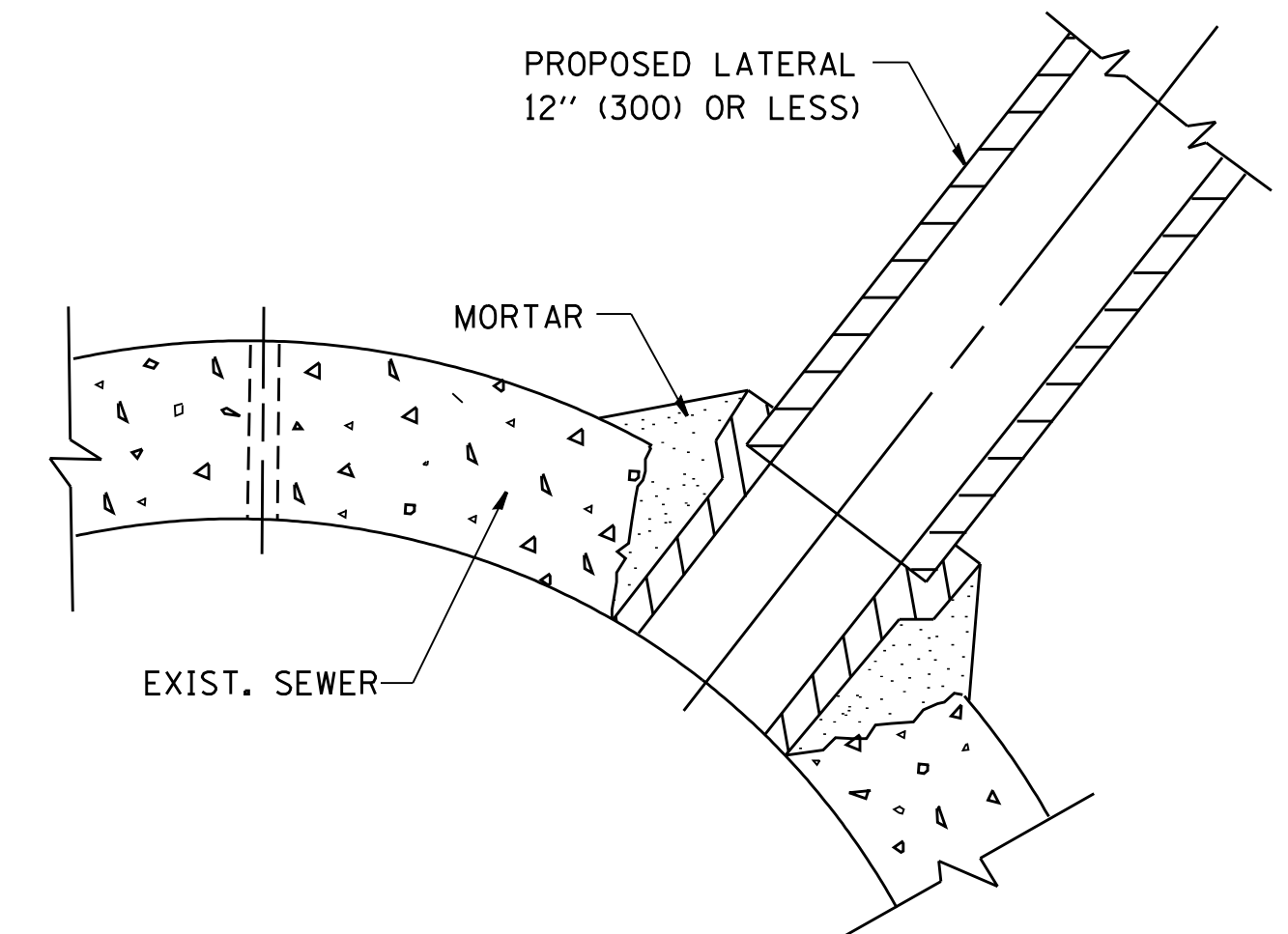


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

FILE NAME = W:\diststd\22x34\bd07.dgn	USER NAME = gaglonebt	DESIGNED - M. DE YONG	REVISED - M. DE YONG 05-08-92
		DRAWN -	REVISED - R. SHAH 09-09-94
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - R. SHAH 10-25-94
	PLOT DATE = 1/4/2008	DATE - 07-25-90	REVISED - R. SHAH 06-12-96

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAIL OF STORM SEWER
CONNECTION TO EXISTING SEWER**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2)N	WILL	38	23
BD500-01 (BD-7)		CONTRACT NO. 60T95		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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

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

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

18" (450) MAX.

1/4" (5) **

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

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

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

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

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

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

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

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.

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.

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).

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.

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.

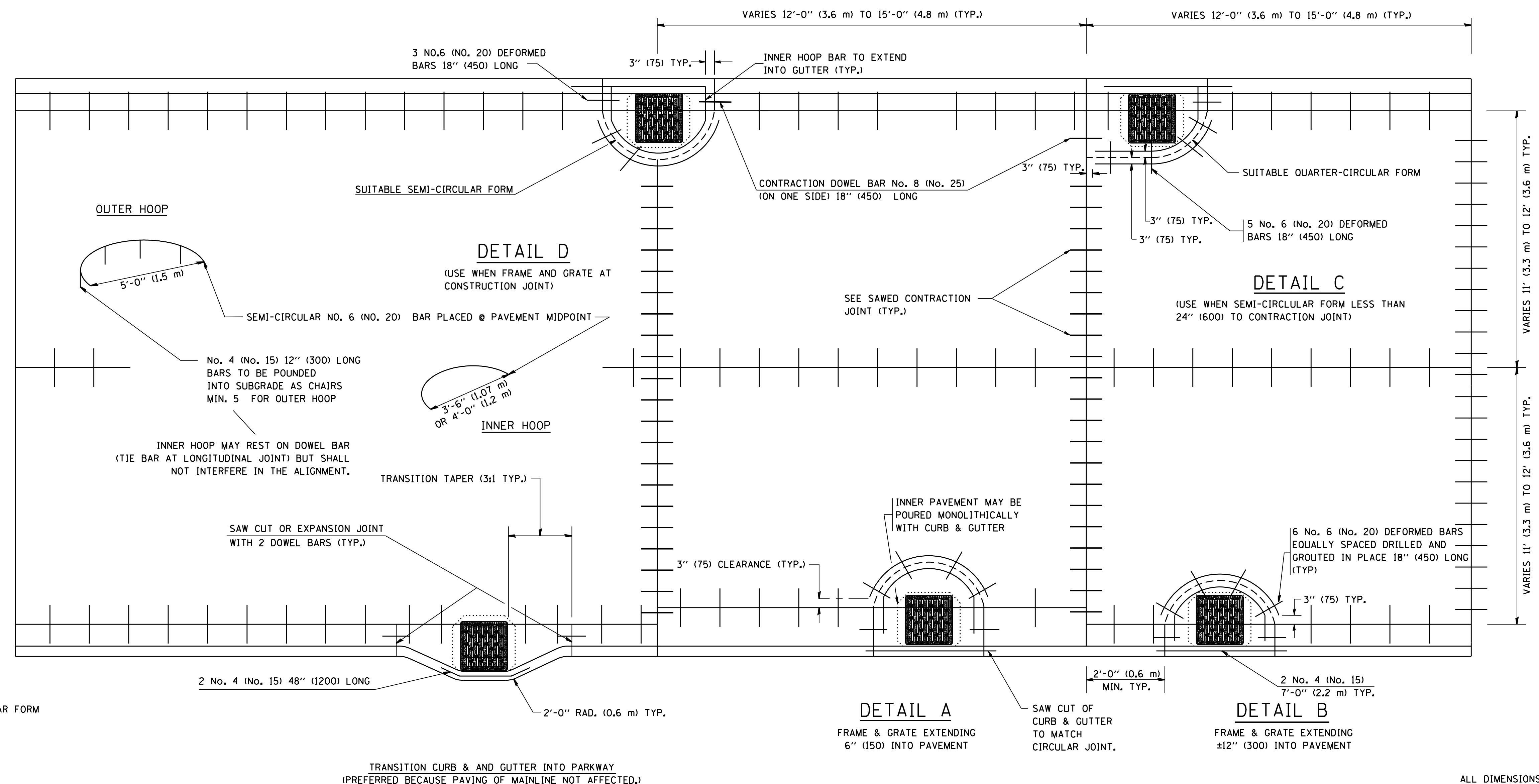
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et:\pw\work\p\dot\drivakosgn\0108315\bd24.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97		338	(113R-2)N	WILL	38	24			
PLOT SCALE = 50.000' / 1"		CHECKED -	REVISED - M. GOMEZ 01-22-01		BD600-06 (BD-24)			CONTRACT NO. 60T95				
PLOT DATE = 12/15/2009		DATE - 03-11-94	REVISED - R. BORO 12-15-09		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FRAME EXTENSION INTO PAVEMENT	INNER HOOP REINFORCEMENT DIAMETER	SEMI CIRCULAR FORM DIAMETER	OUTER HOOP REINFORCEMENT DIAMETER
UP TO 8" (200)	3'-6" (1.1 m)	4'-0" (1.2 m)	5'-0" (1.5 m)
> 8" (200) TO 14" (360)	4'-0" (1.2 m)	4'-6" (1.4 m)	5'-0" (1.5 m)

DESIGNER NOTE:
THIS DETAIL IS TO BE USED
WHEN THE GUTTER FLAG IS
LESS THAN 24"

NOTES :

1. THE ROUNDOUT AND ADDED REINFORCEMENT WILL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE PAVEMENT.
2. TRANSVERSE JOINTS MAY BE MOVED TO ACCOMMODATE ROUNDOUT. EDGE OF CIRCULAR JOINT SHALL BE MINIMUM 12" (300) FROM TRANSVERSE JOINT. RELOCATED TRANSVERSE JOINT SHALL BE CONTINUOUS FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT.
3. SEMI-CIRCULAR FORM SHALL BE REMOVED PRIOR TO DRILL AND GROUT OF TIE BARS.
4. ALL REINFORCED BARS SHALL BE EPOXY COATED.
5. DRILL AND GROUT IS PREFERRED, HOWEVER TIE BARS CAN BE POURED IN PLACE IF CLEARANCE IS PROVIDED TO OUTER EDGE OF FRAME. MINIMUM 2" (50) CLEARANCE.
6. WOOD SHIMS SHALL BE USED TO ADJUST ALL FRAMES. AFTER ADJUSTING MORTAR HAS CURED, THE WOOD SHIMS SHALL BE REMOVED AND THE VOIDS UNDER THE FRAMES FILLED WITH NON SHRINK GROUT.
7. HOOP REINFORCEMENT SHALL BE ONE PIECE CONSTRUCTION.
8. CIRCULAR FRAMES AND GRATES MAY BE SUBSTITUTED.
9. CURB DOWELS MUST BE PLACED LEVEL & TRUE TO ALLOW CONTRACTION MOVEMENT.



LEGEND:
..... CASTING
----- SUITABLE SEMI-CIRCULAR FORM

ALL DIMENSIONS ARE IN INCHES
(MILLIMETERS) UNLESS OTHERWISE NOTED

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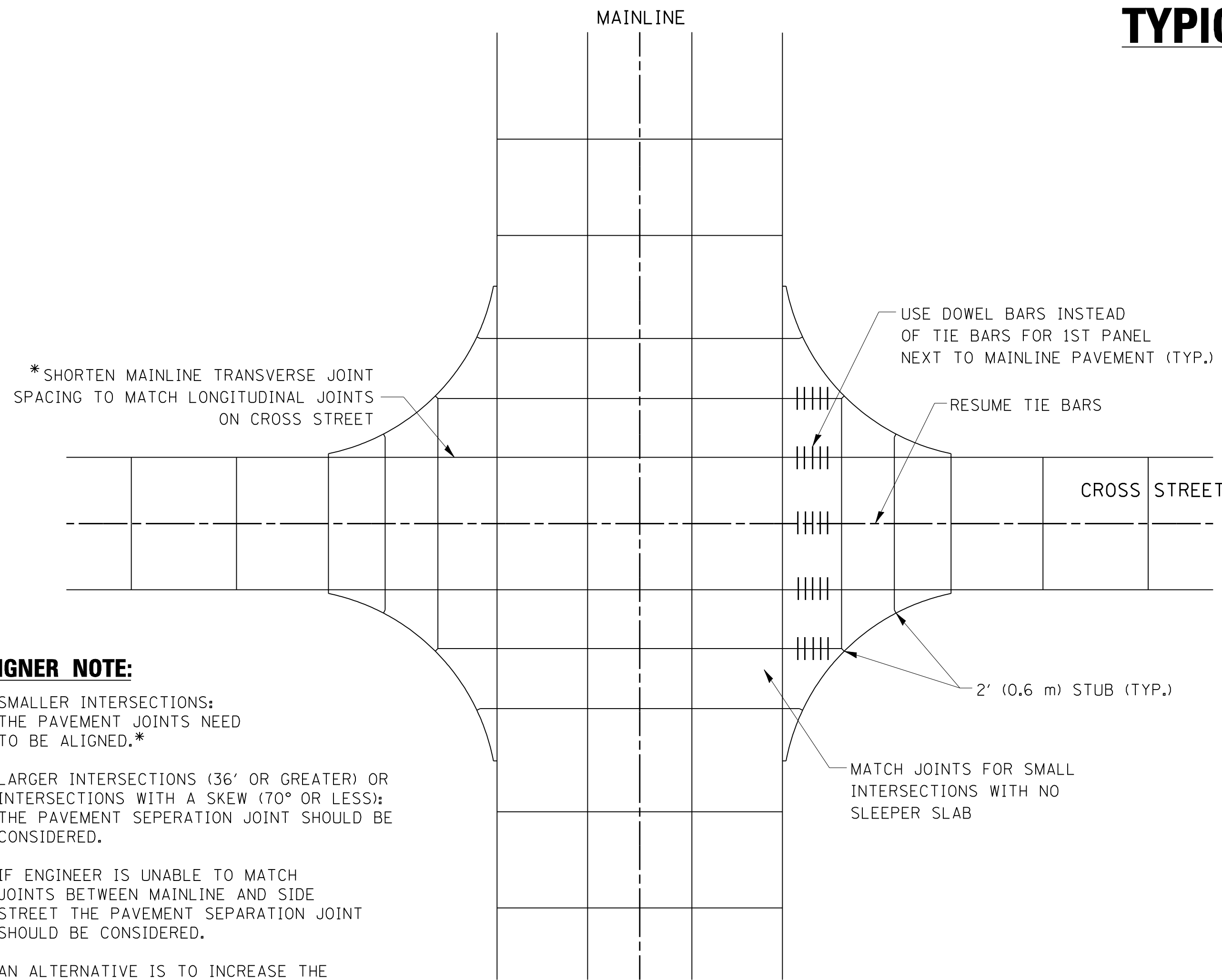
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2)N	WILL	38	25
BD-48		CONTRACT NO. 60T95		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TYPICAL APPLICATION

THE USE OF CROSS STREET PAVEMENT SEPARATION JOINTS FOR SKEWED OR LARGE INTERSECTIONS WHERE JOINTS MAY NOT MATCH



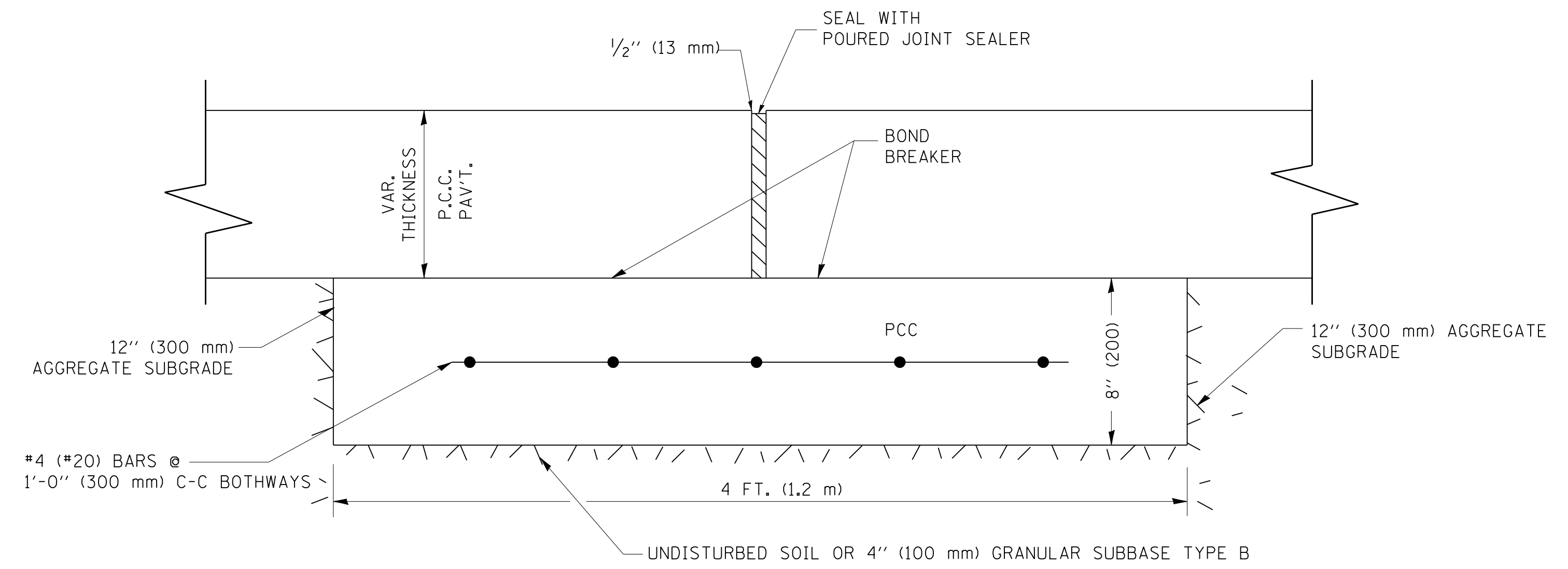
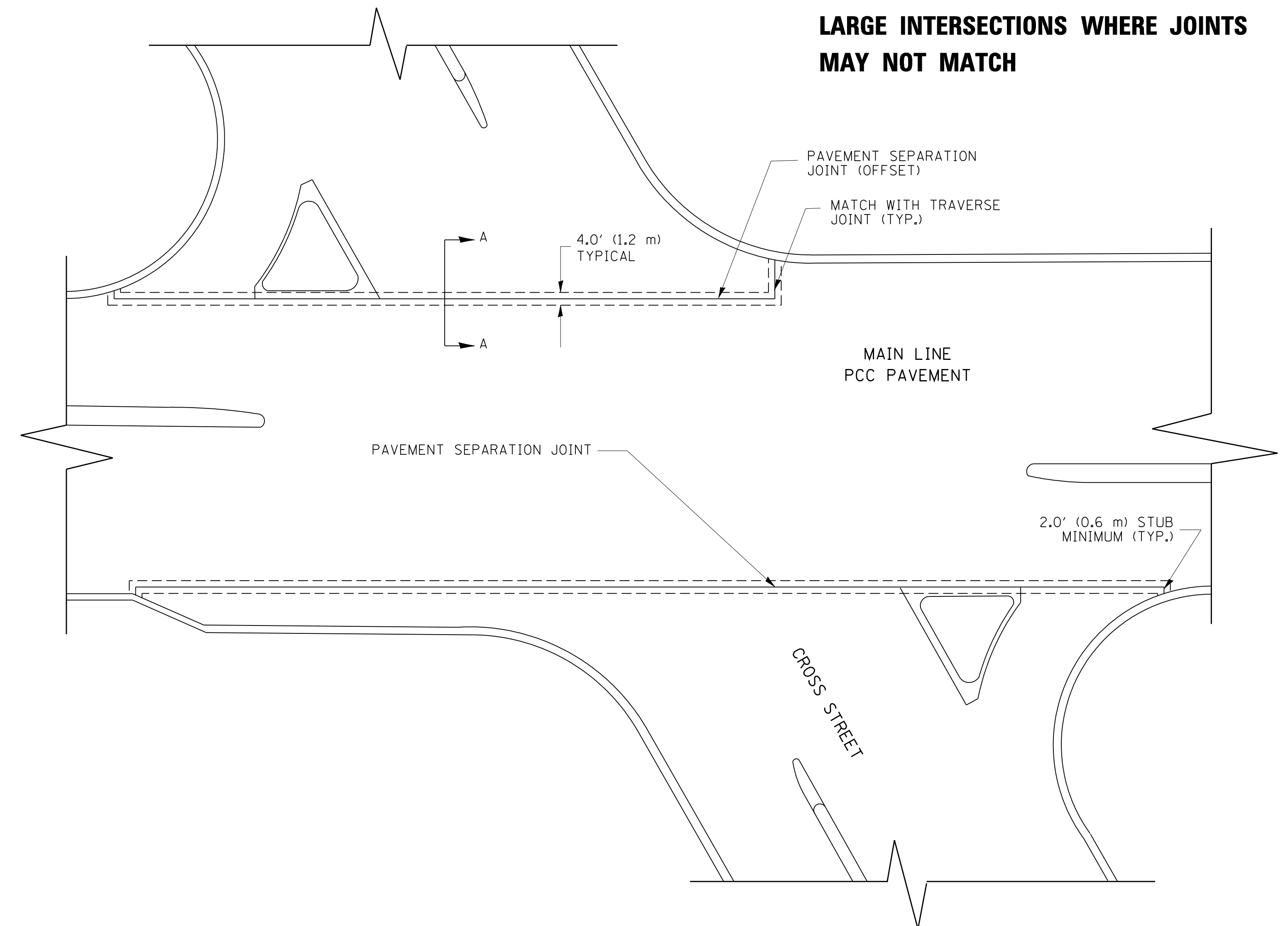
PLAN

DESIGNER NOTE:

1. SMALLER INTERSECTIONS: THE PAVEMENT JOINTS NEED TO BE ALIGNED.*
2. LARGER INTERSECTIONS (36' OR GREATER) OR INTERSECTIONS WITH A SKEW (70° OR LESS): THE PAVEMENT SEPERATION JOINT SHOULD BE CONSIDERED.
3. IF ENGINEER IS UNABLE TO MATCH JOINTS BETWEEN MAINLINE AND SIDE STREET THE PAVEMENT SEPARATION JOINT SHOULD BE CONSIDERED.
4. AN ALTERNATIVE IS TO INCREASE THE PAVEMENT THICKNESSES BY 1/2" (13 mm) FOR THE LENGTH OF THE AFFECTED PANELS AT THE INTERSECTION. FOR LARGE INTERSECTIONS (6 LANES OR MORE) WHERE JOINTS CAN BE MATCHED, USE #8 (25) DOWEL BARS INSTEAD OF #8 (25) TIE BARS AT EDGE OF MAINLINE PAVEMENT WHEN NO PAVEMENT SEPARATION JOINTS USED.

NOTE:

1. JOINT FILLER SHALL CONSIST OF A SHEET OF 1/2" (13 mm) BITUMINOUS PREFORMED FIBER JOINT FILLER CONFORMING TO ARTICLE 1051.03 OF THE STANDARD SPECIFICATIONS.
2. THE JOINT SHALL BE SEALED WITH A HOT POUR JOINT SEALER CONFORMING TO ARTICLE 1050.02 OF THE STANDARD SPECIFICATIONS.
3. A SINGLE LAYER OF FELT ROOFING PAPER SHALL SERVE AS A BOND BREAKER.
4. JOINT SHALL CONTINUE THROUGH COMBINATION CURB & GUTTER OR PCC SHOULDER.
5. PAVEMENT SEPARATION JOINT IS TO BE PAID FOR AS "SLEEPER SLAB" AND IS TO BE MEASURED IN PLACE BY THE LINEAL FOOT.
6. BOND BREAKER AND 1/2" (13 mm) JOINT AND FILLER SHALL BE INCIDENTAL TO THE PAY ITEM "SLEEPER SLAB".



PROPOSED SECTION A-A

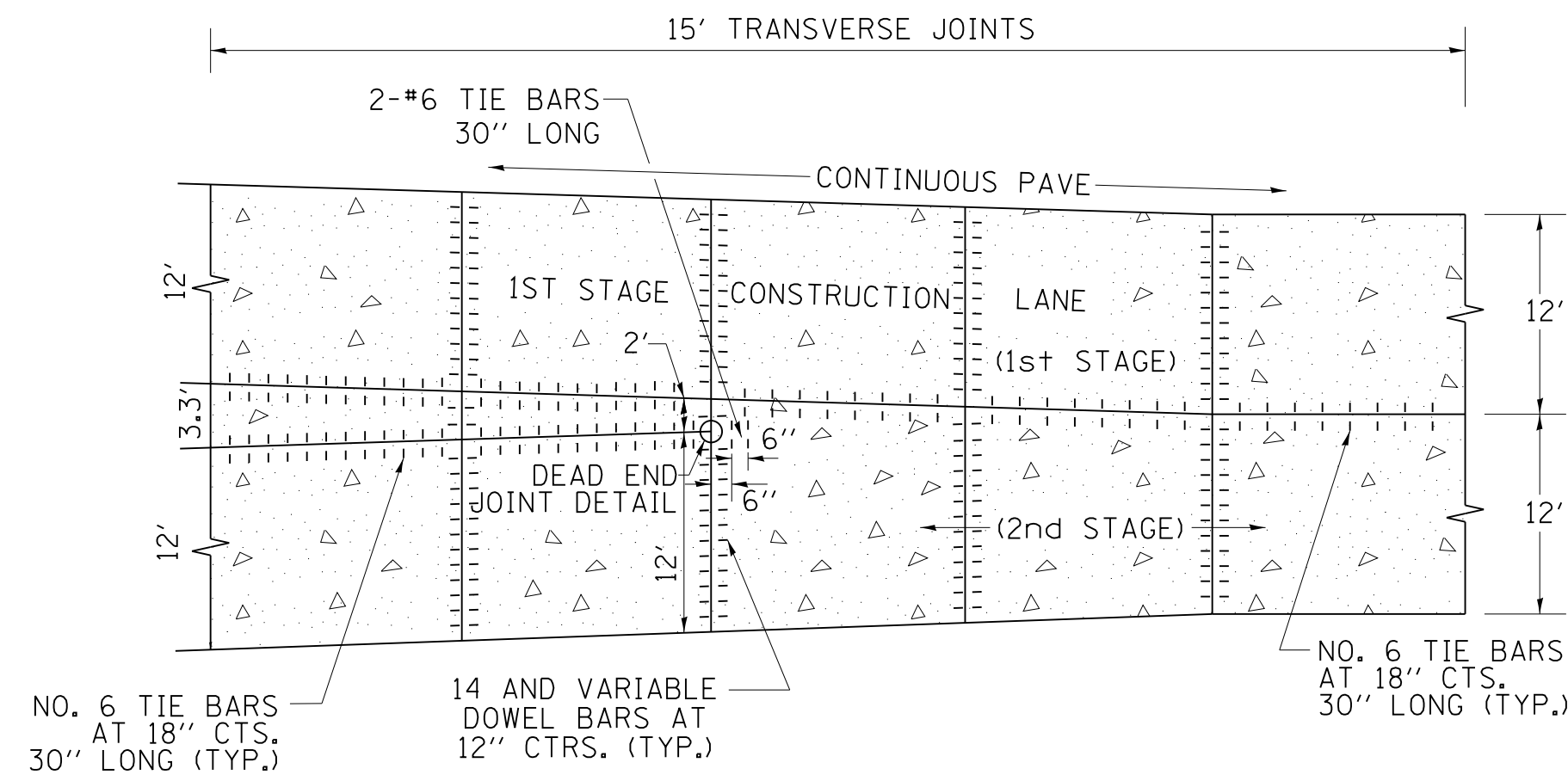
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

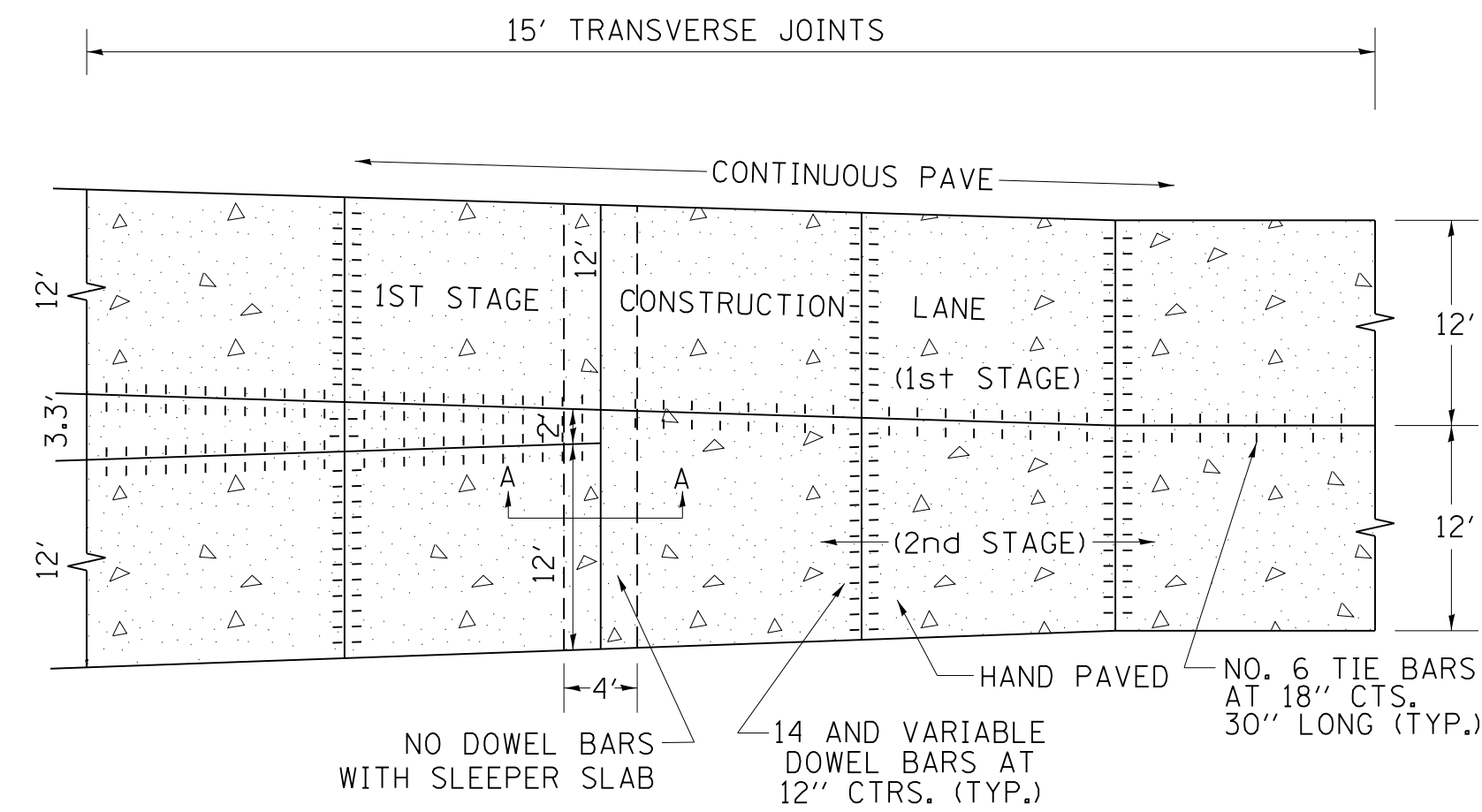
DETAIL OF PAVEMENT SEPARATION JOINT FOR JOINTED PCC PAVEMENTS AT INTERSECTIONS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE. 338	SECTION (113R-2)N	COUNTY WILL	TOTAL SHEETS 38	SHEET NO. 26
BD52			CONTRACT NO. 60T95	
ILLINOIS FED. AID PROJECT				

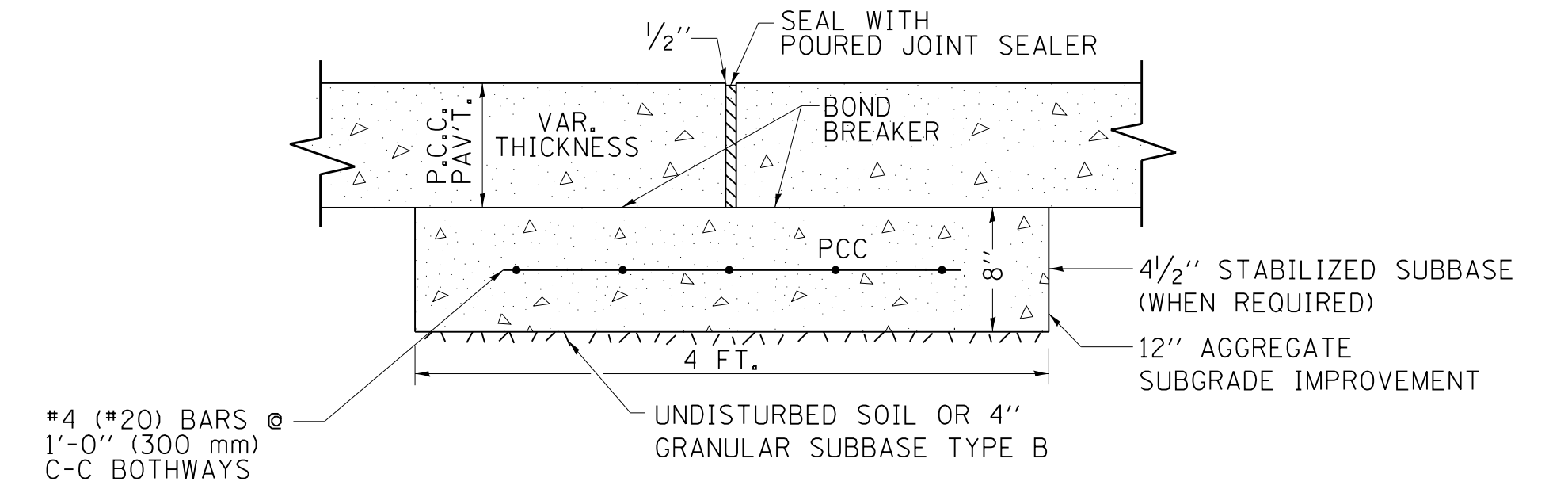
LANE REDUCTION WITH A CONTINUOUS PAVEMENT FOR 1ST STAGE WITH DEAD END JOINT OR SLEEPER SLAB



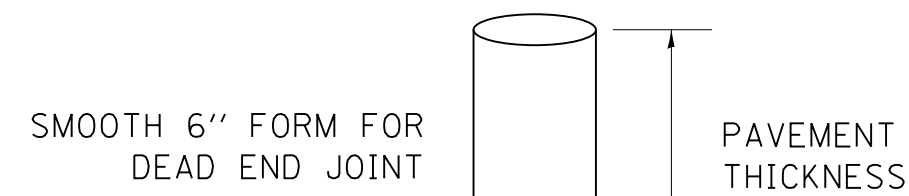
PLAN



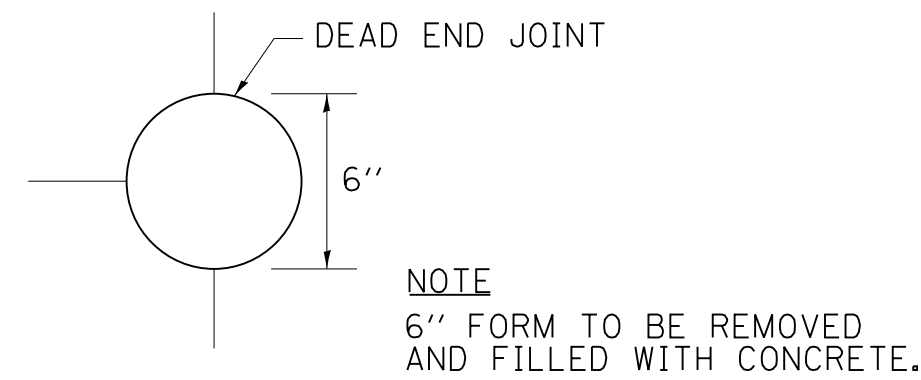
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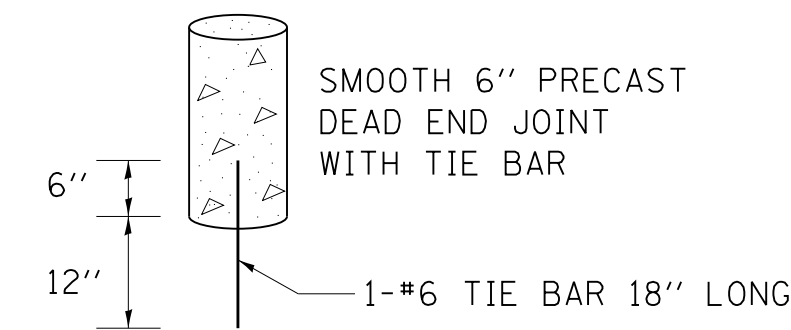
PROPOSED SECTION A-A OF SLEEPER SLAB



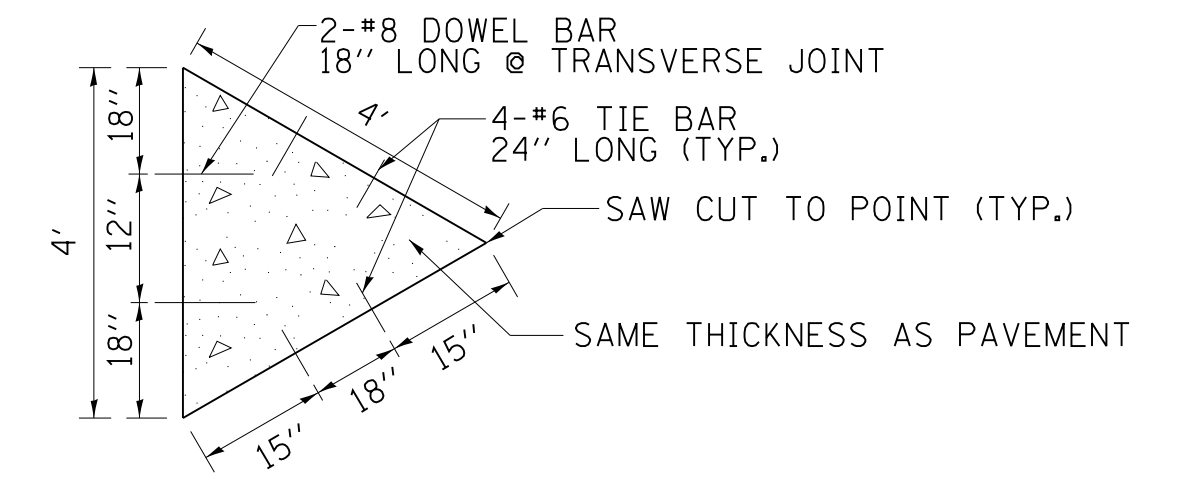
**DEAD END JOINT DETAIL
SIDE VIEW**



**DEAD END JOINT DETAIL
TOP VIEW**

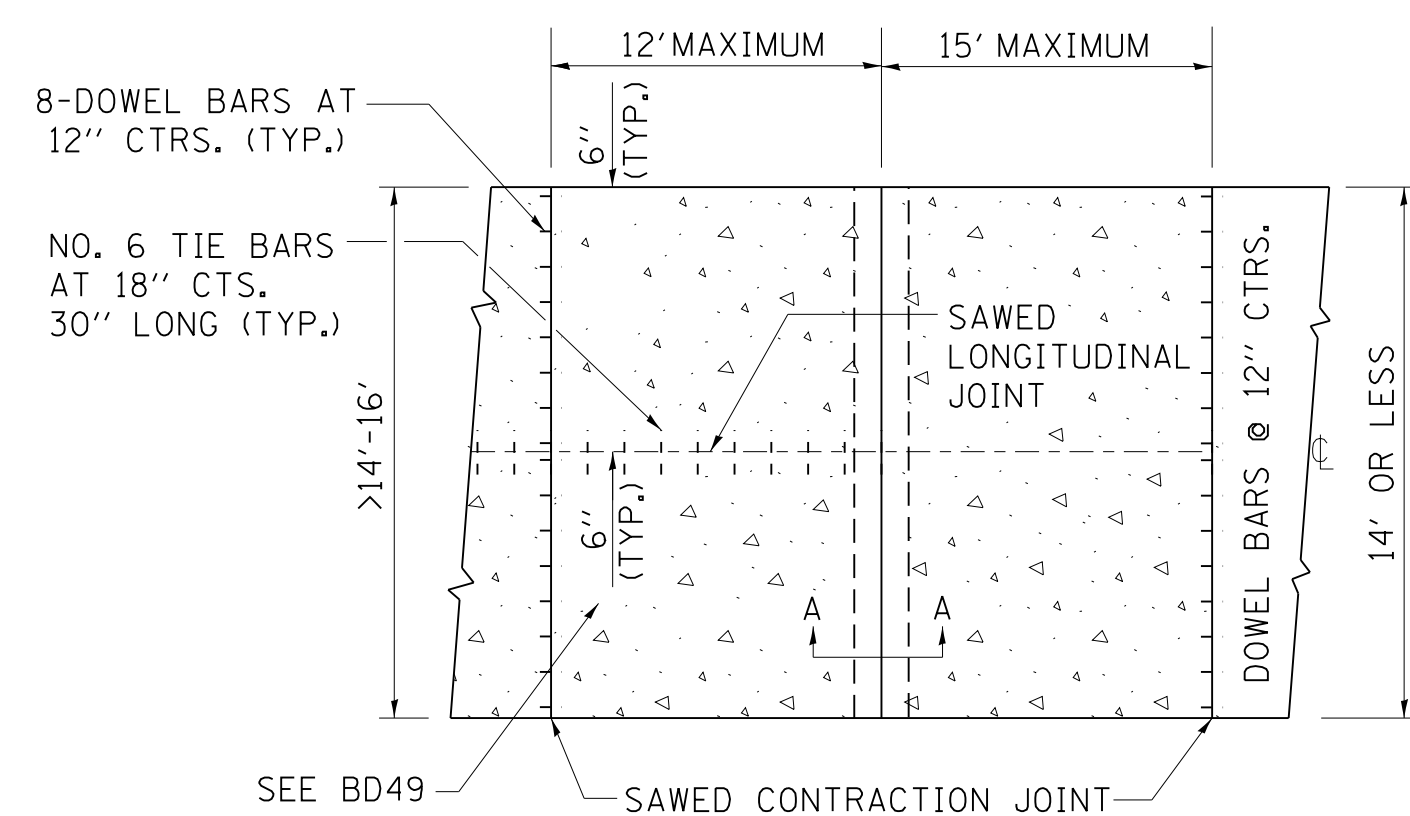


DEAD END JOINT PRECAST DETAIL

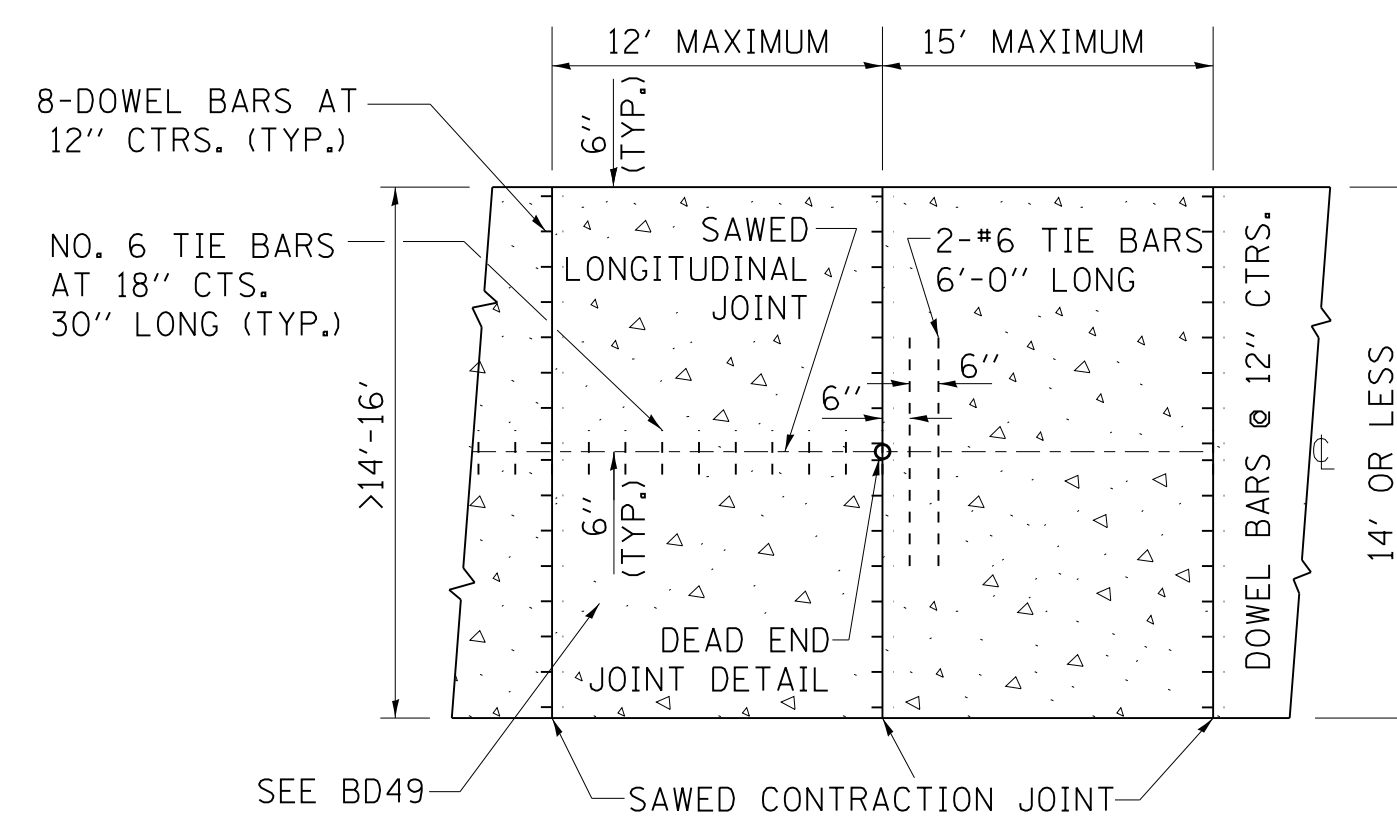


SAW-CUT MERGE DETAIL

TRANSITION DETAILS FOR CENTERLINE SAW CUT FOR DEAD END JOINT OR SLEEPER SLAB FOR VARIABLE JOINTED PCC PAVEMENT FOR LANES OVER 14'

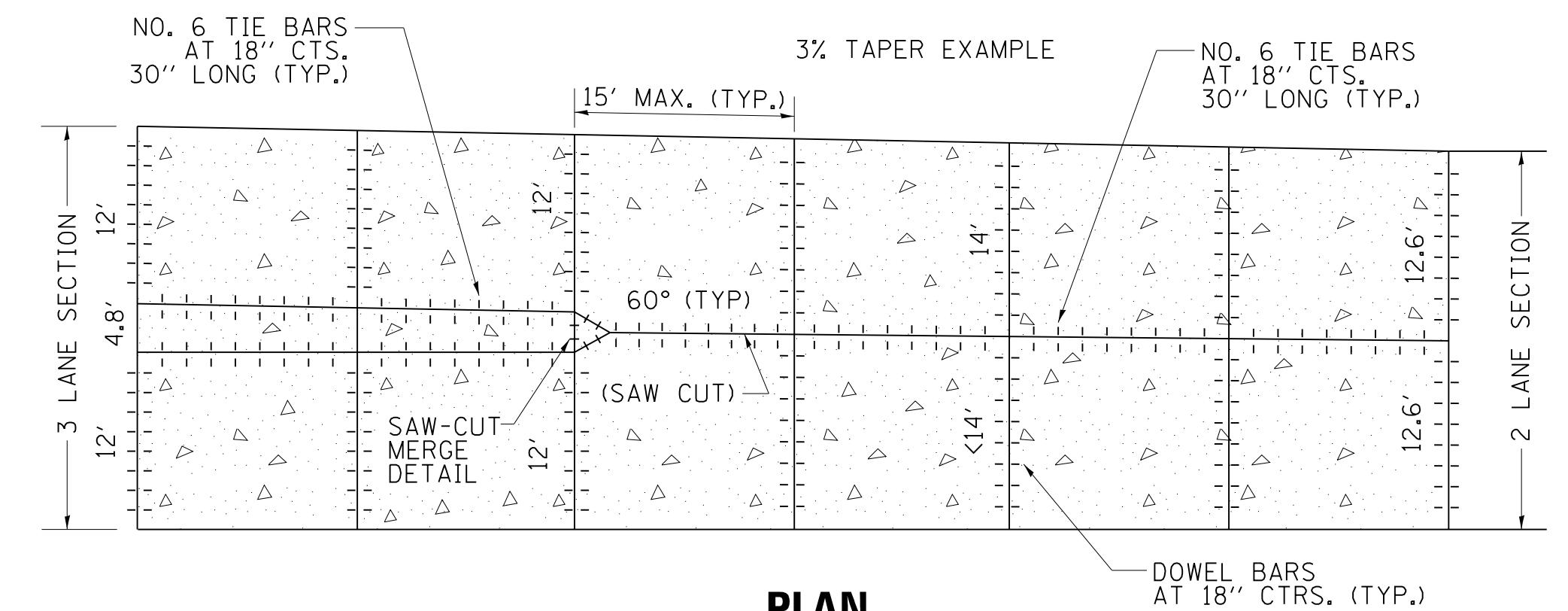


PLAN USING SLEEPER SLAB



PLAN USING DEAD END JOINT

INTERIOR LANE REDUCTION FOR THREE LANE SECTION IN PCC PAVEMENT

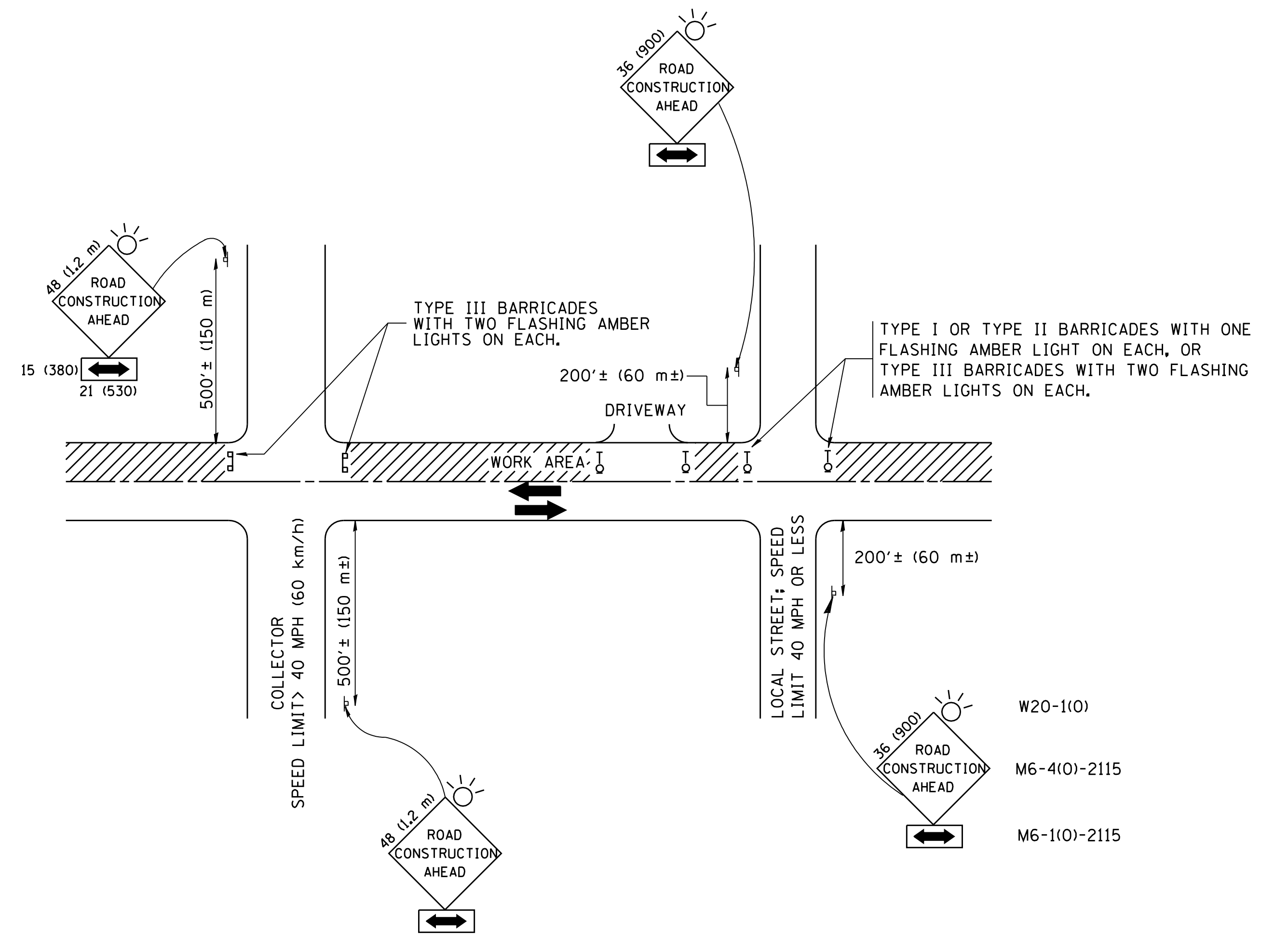


PLAN

NOTES:

1. SAW-CUT MERGE DETAIL: THE 4' TRIANGLE SECTION COULD BE PRECAST OR CAST INPLACE AND PROPERLY PLACED WITH TIE BARS AND PROPERLY ALIGNED DOWEL BARS.
2. TRANSVERSE JOINT SPACING MAY DECREASE DEPENDING ON PAVEMENT THICKNESS BELOW 9.5". USE FORMULA JOINT SPACING IN (FT) = 2 X PAVEMENT THICKNESS IN (IN)-4.
3. USE SAW-CUT MERGE DETAIL IN SITUATIONS WHERE THERE IS NO STAGING.
4. DEAD END JOINTS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR DEAD END JOINT. PRECAST DEAD END JOINT SET IN PLACE WITH DRILLED HOLE INTO SUBBASE/SUBGRADE FOR #6 TIE BAR.
5. SLEEPER SLAB WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR SLEEPER SLAB.

FILE NAME = bd53.dgn	USER NAME = drivakosgn	DESIGNED - TGM, EAJ	REVISED - CADD 05-02-12	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF VARIOUS TYPES OF LANE REDUCTION FOR PCC PAVEMENT			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / in.	DRAWN - AM	REVISED -					338	(113R-2)N	WILL	38	27
	PLOT DATE = 5/4/2012	CHECKED - JD	REVISED -		BD53			CONTRACT NO. 60T95				
		DATE - 03/07/12	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				



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

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
- 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:
 - ONE **ROAD CONSTRUCTION AHEAD** SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - 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.
 - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - 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.
 - 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.
 - WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

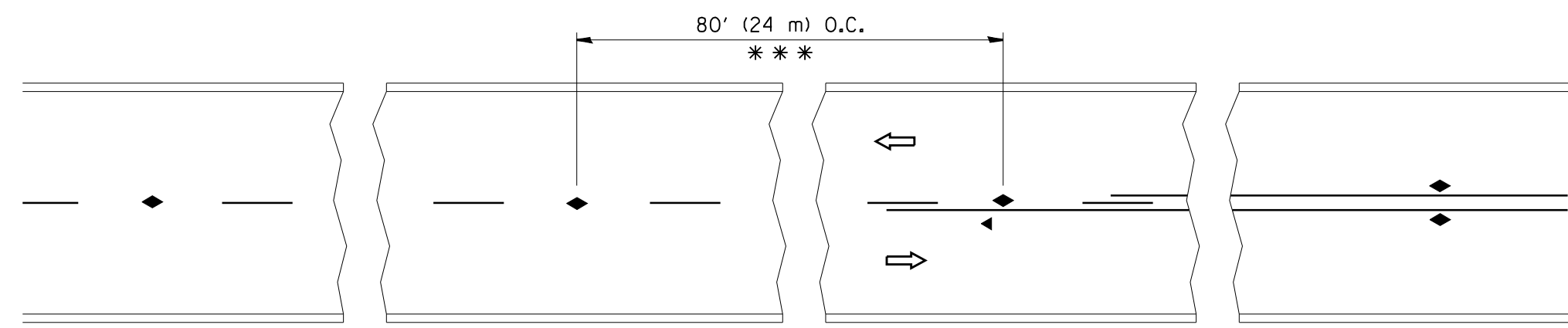
FILE NAME = W:\diststd\22x34\tc10.dgn	USER NAME = gaglonebt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

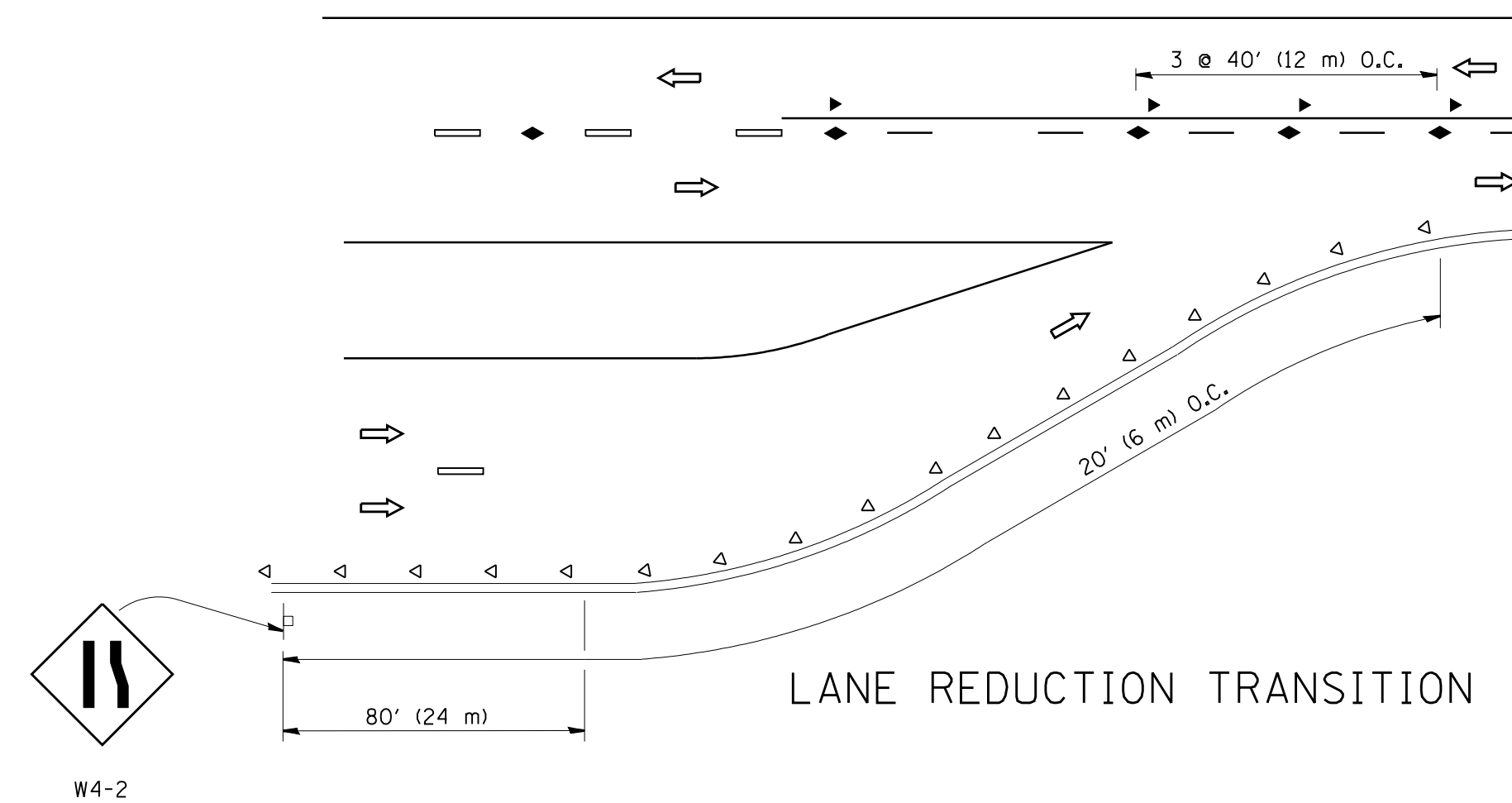
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2)N	WILL.	38	28
TC-10			CONTRACT NO. 60T95	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

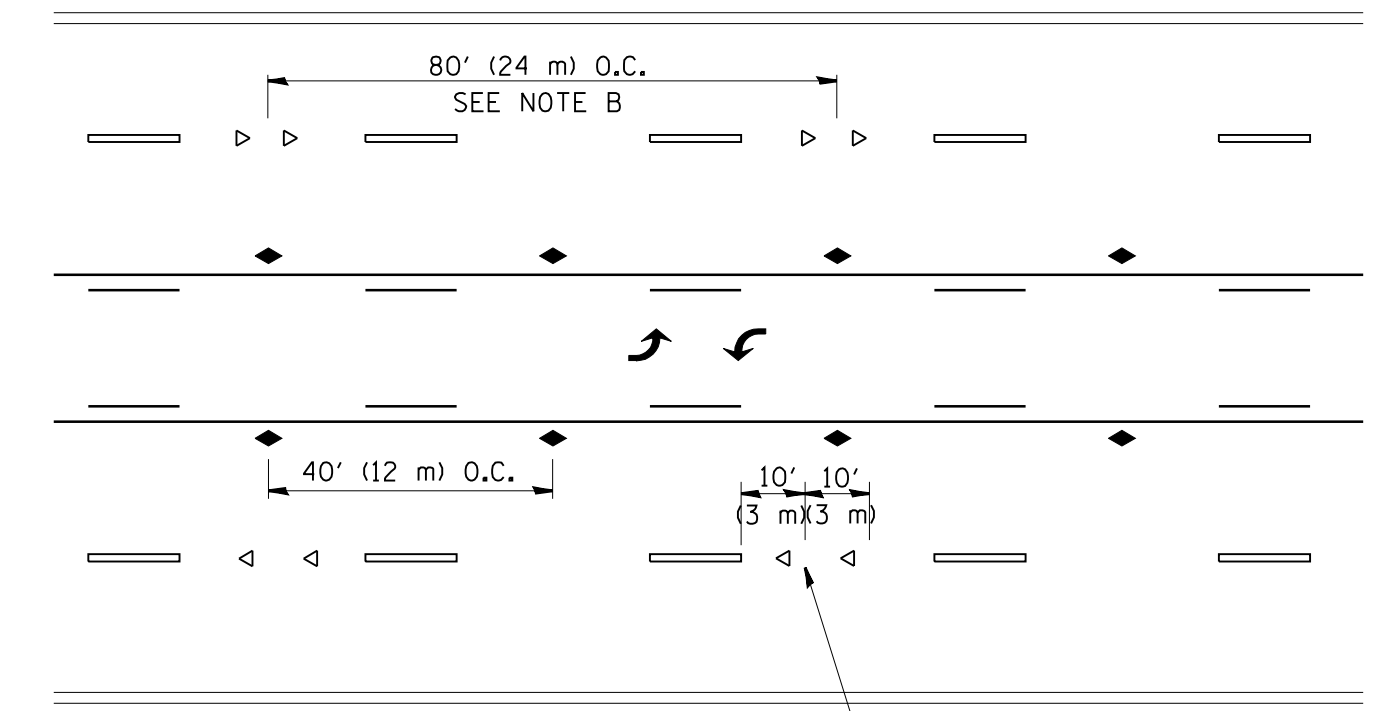


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

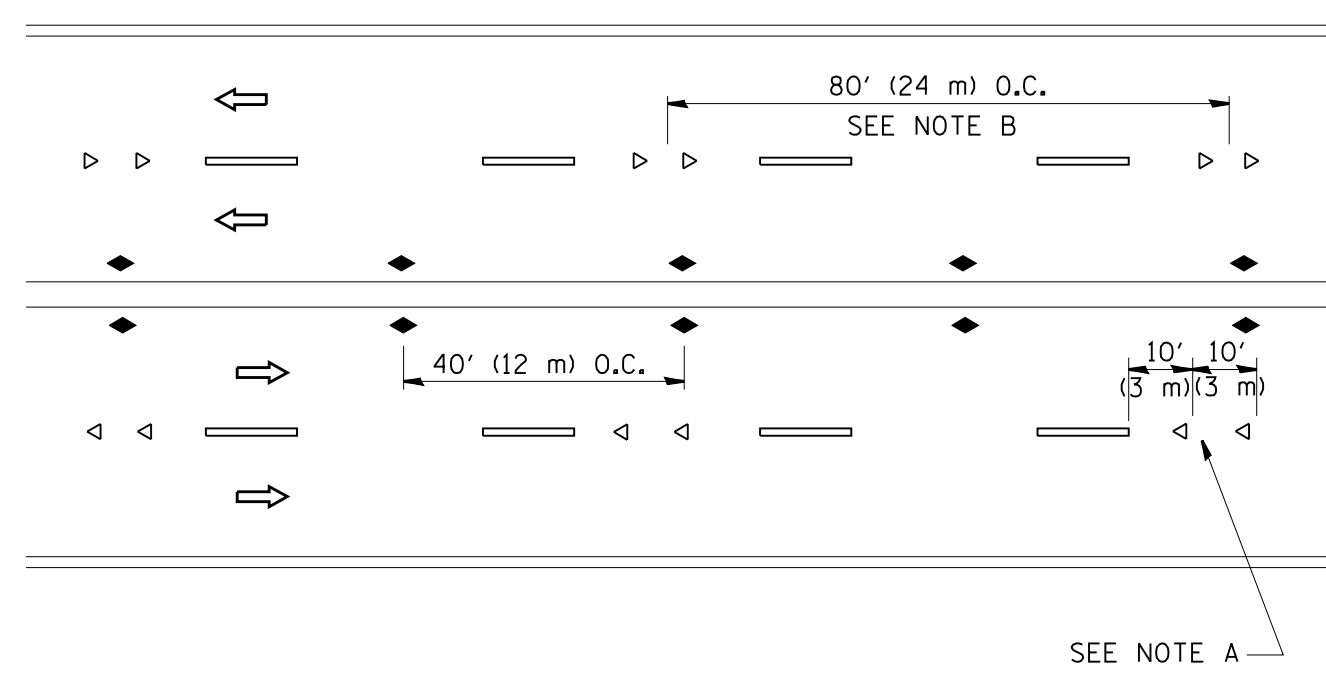
TWO-LANE/TWO-WAY



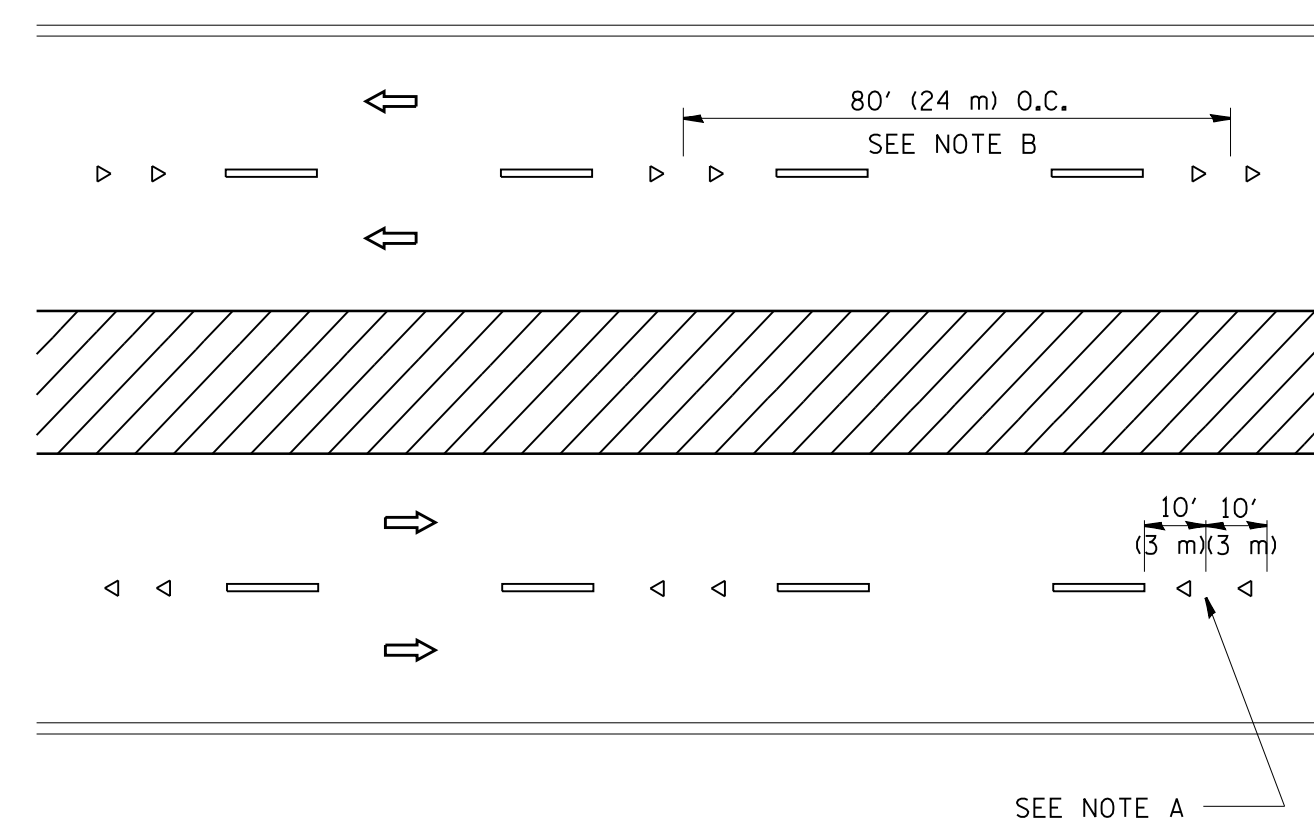
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

LANE MARKER NOTES

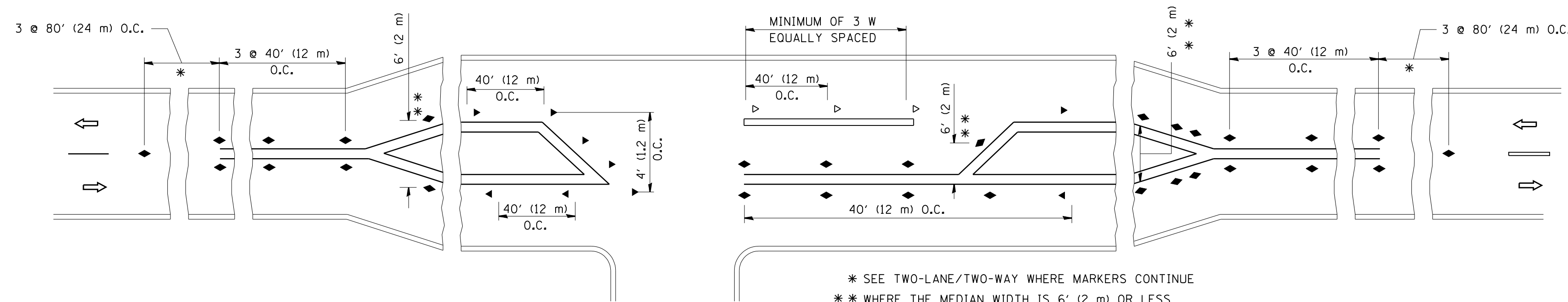
- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

SYMBOLS

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

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

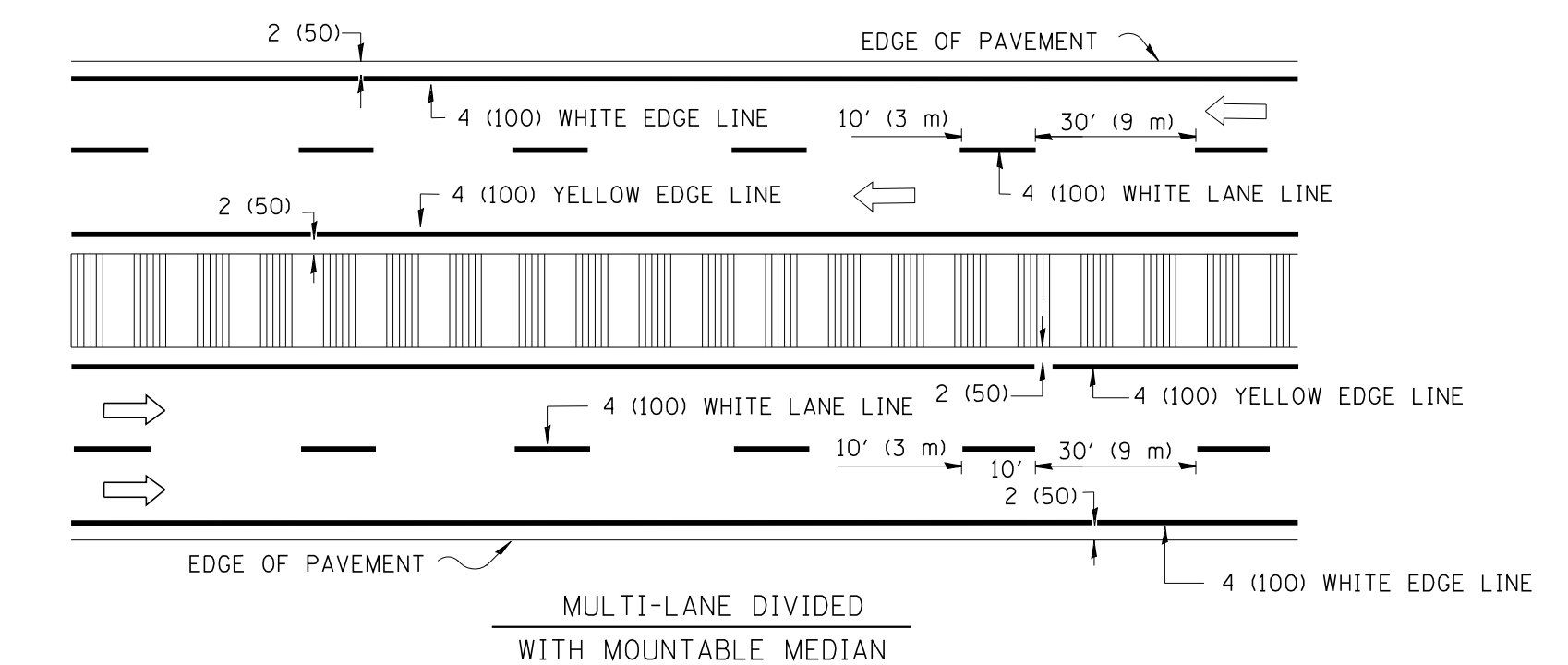
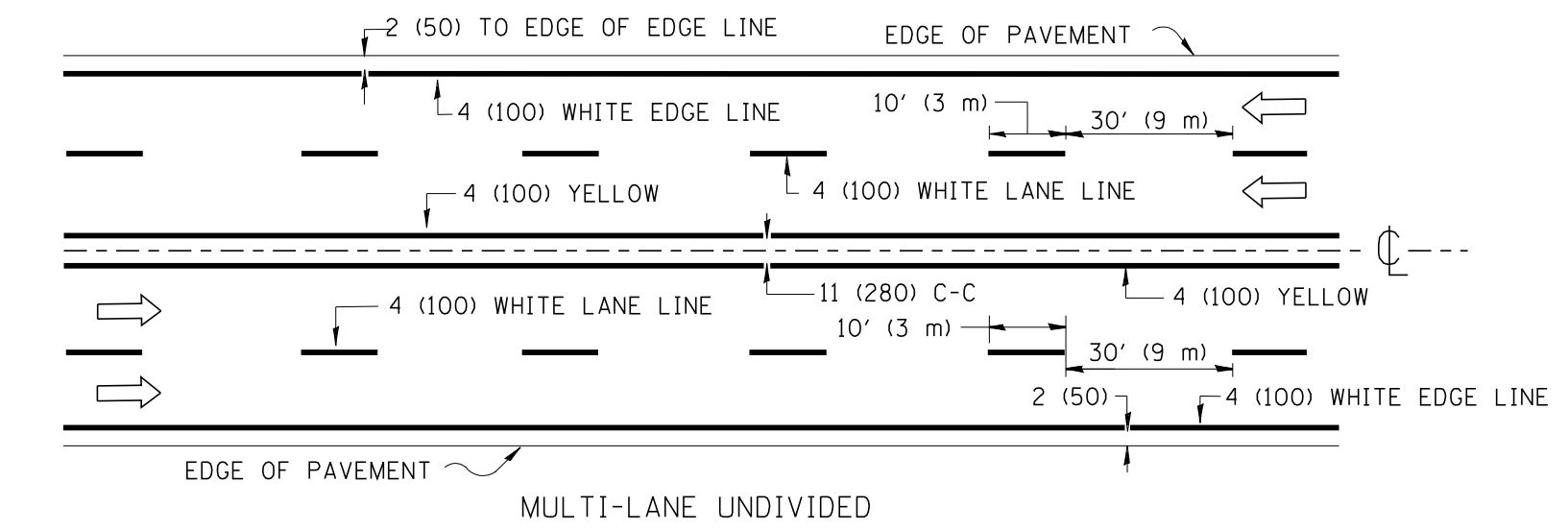
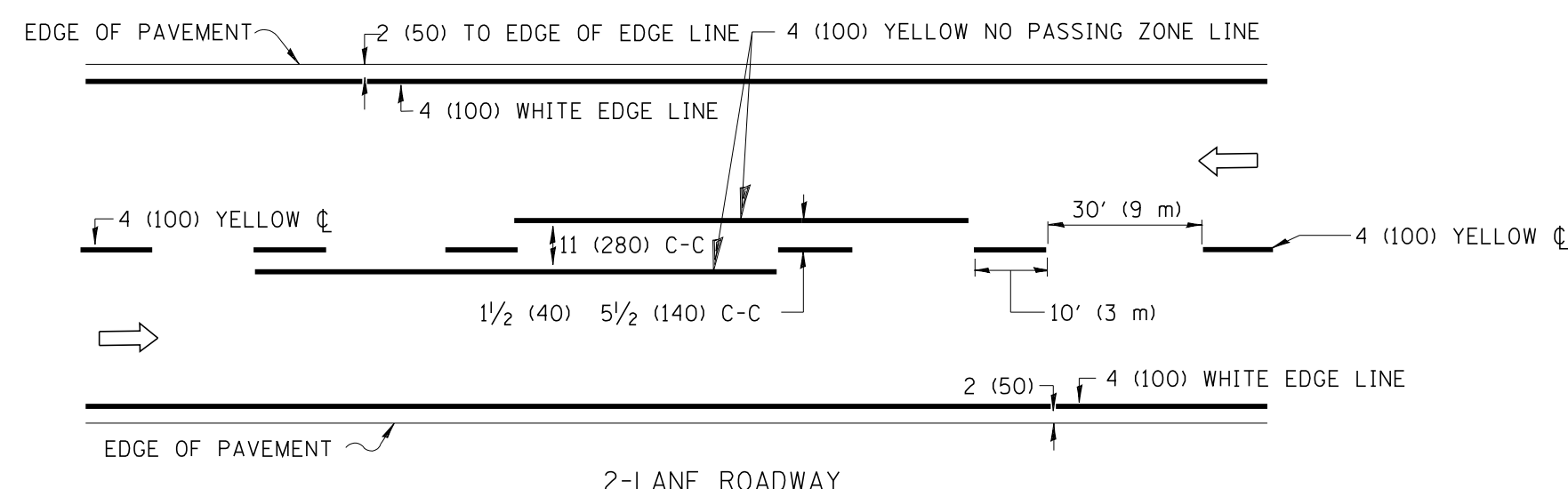
All dimensions are in inches (millimeters) unless otherwise shown.

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		DRAWN -	REVISED - T. RAMMACHER 03-12-99
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
	PLOT DATE = 3/2/2011	DATE -	REVISED - C. JUCIUS 09-09-09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

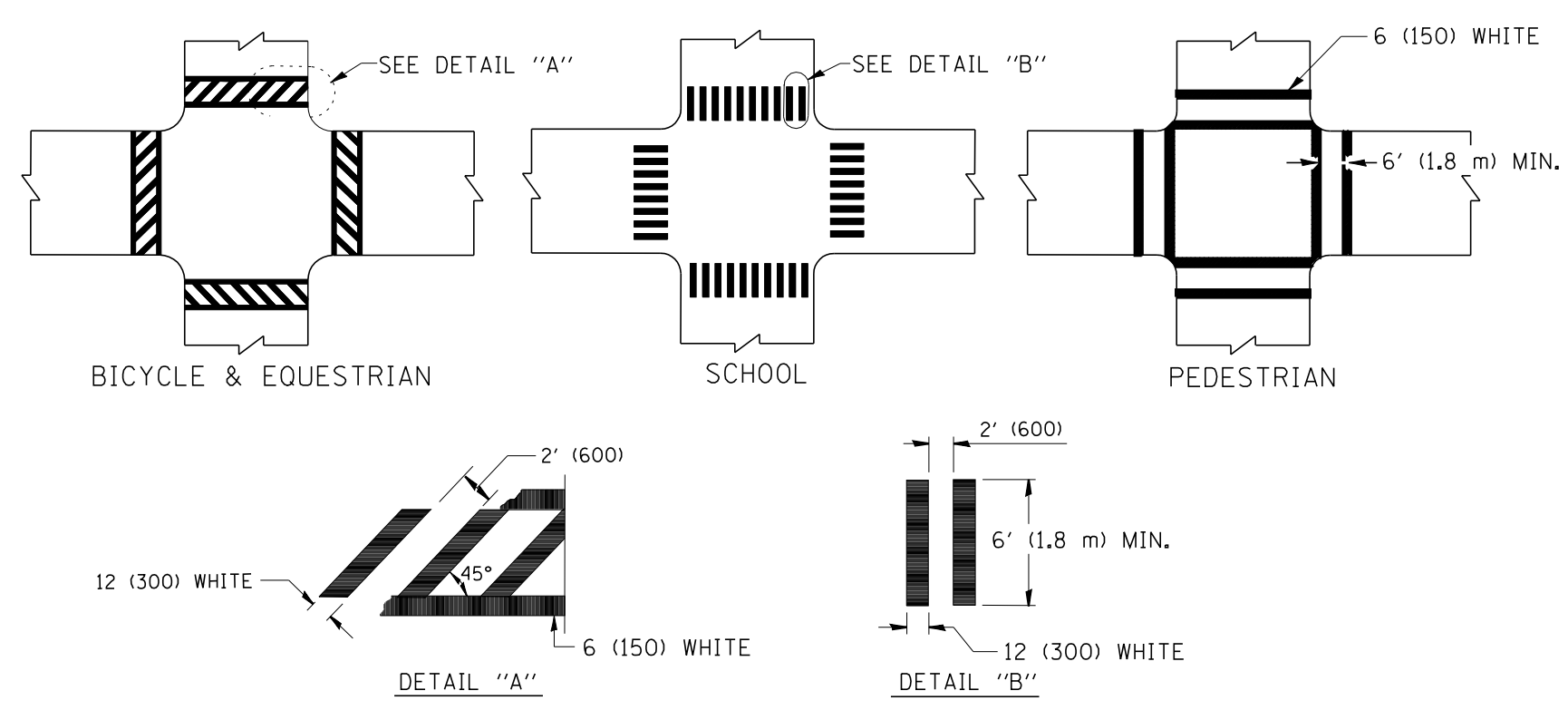
TYPICAL APPLICATIONS			
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-11			CONTRACT NO. 60T95	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

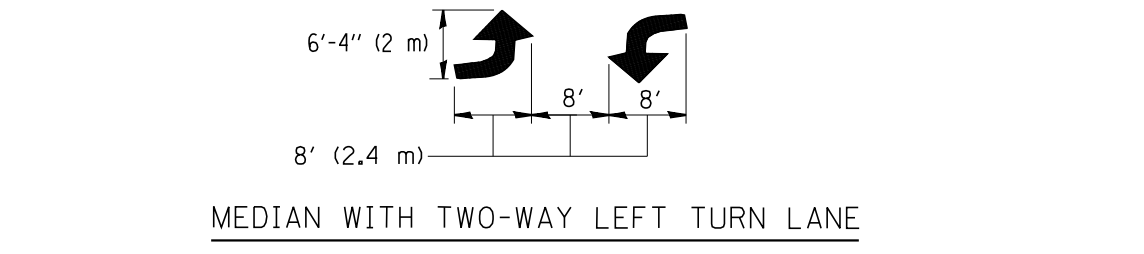
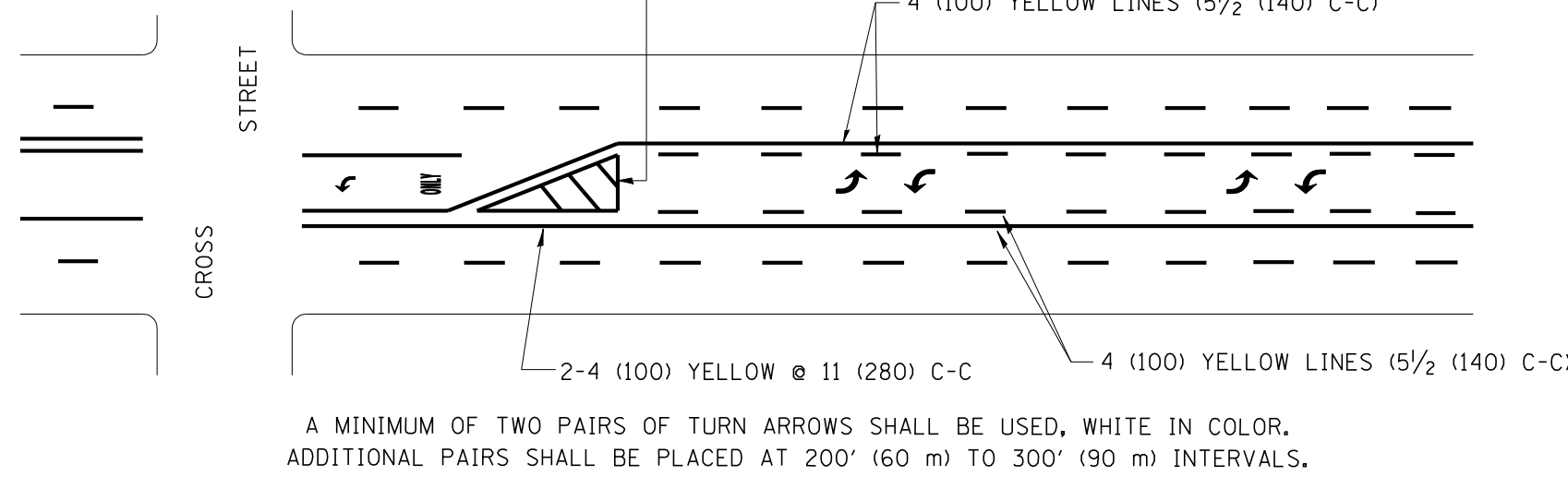
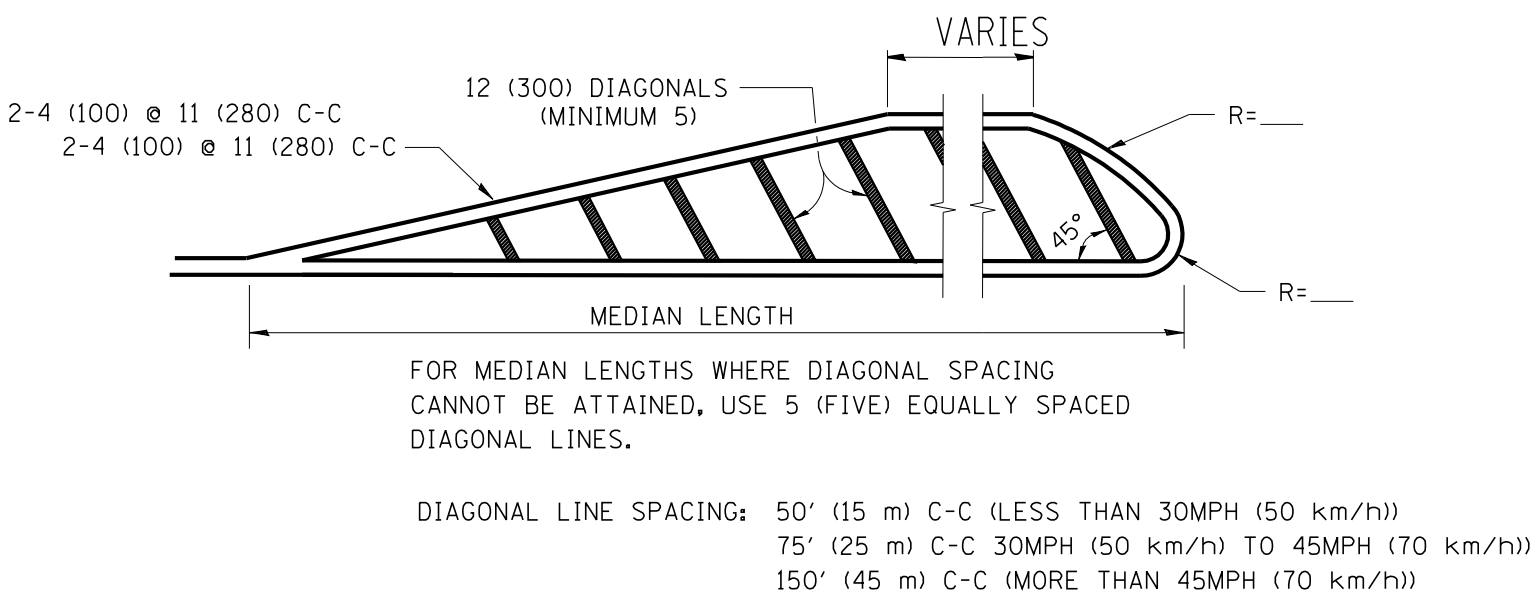
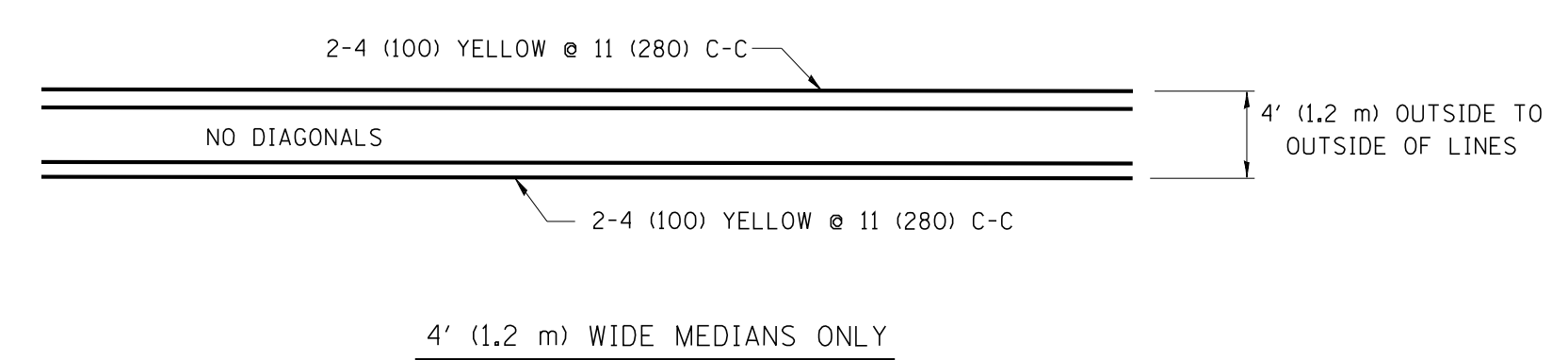


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

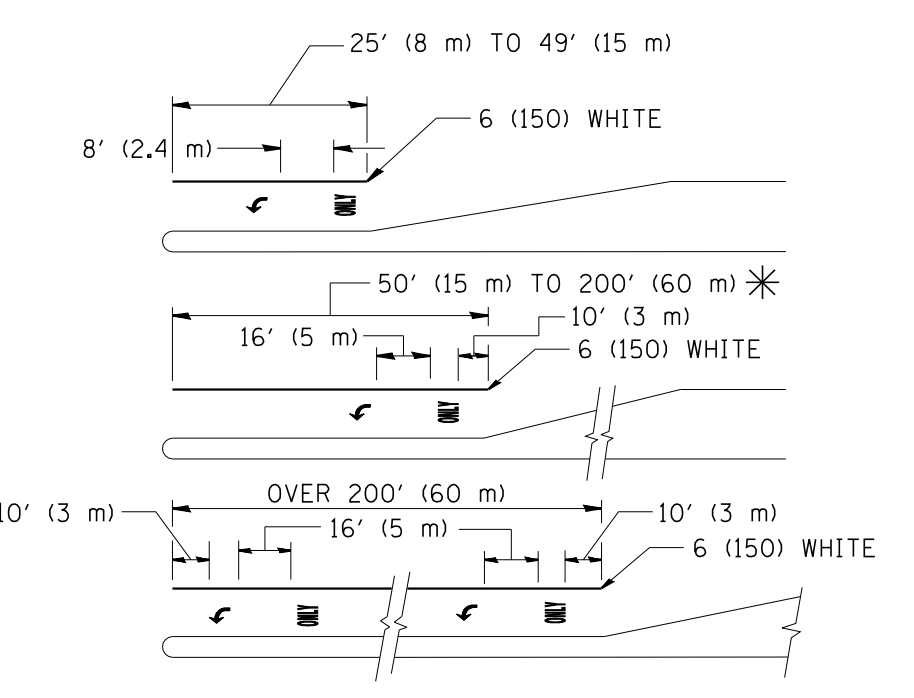
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



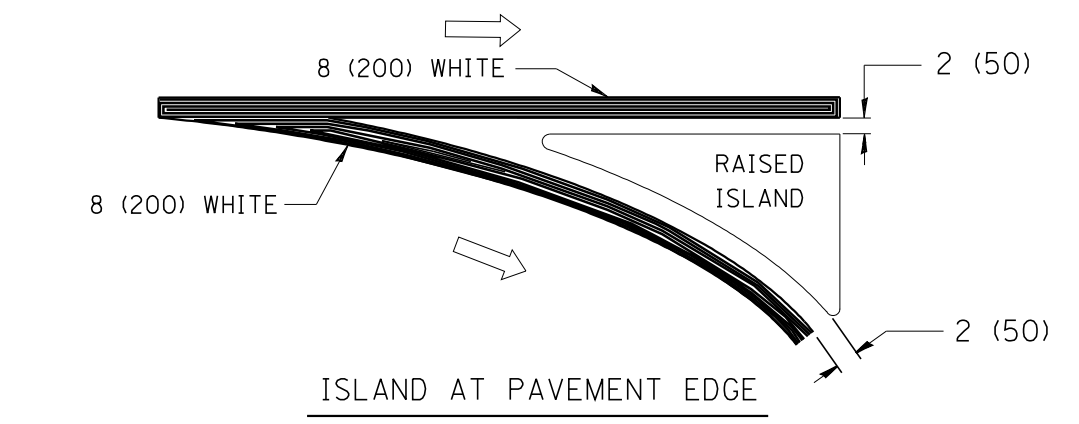
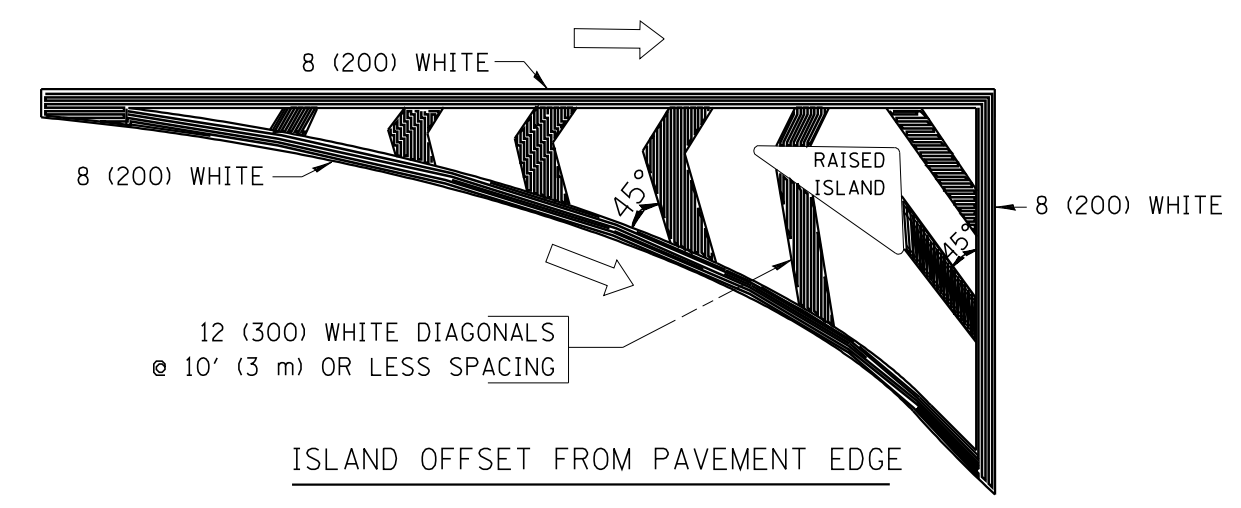
TYPICAL PAINTED MEDIAN MARKING



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

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

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

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

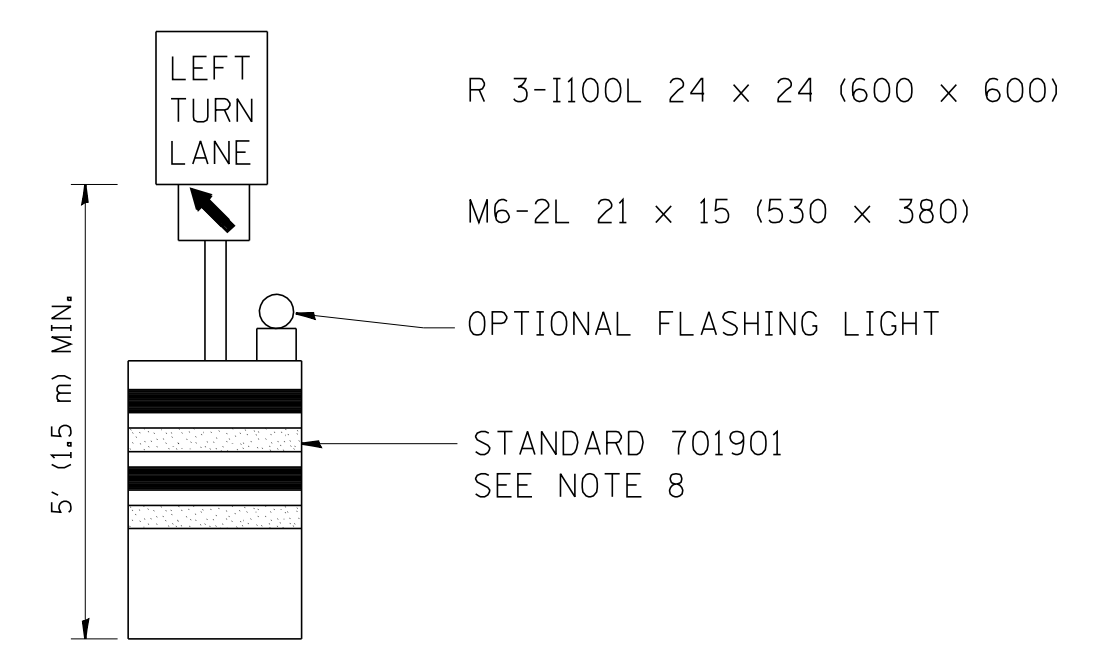
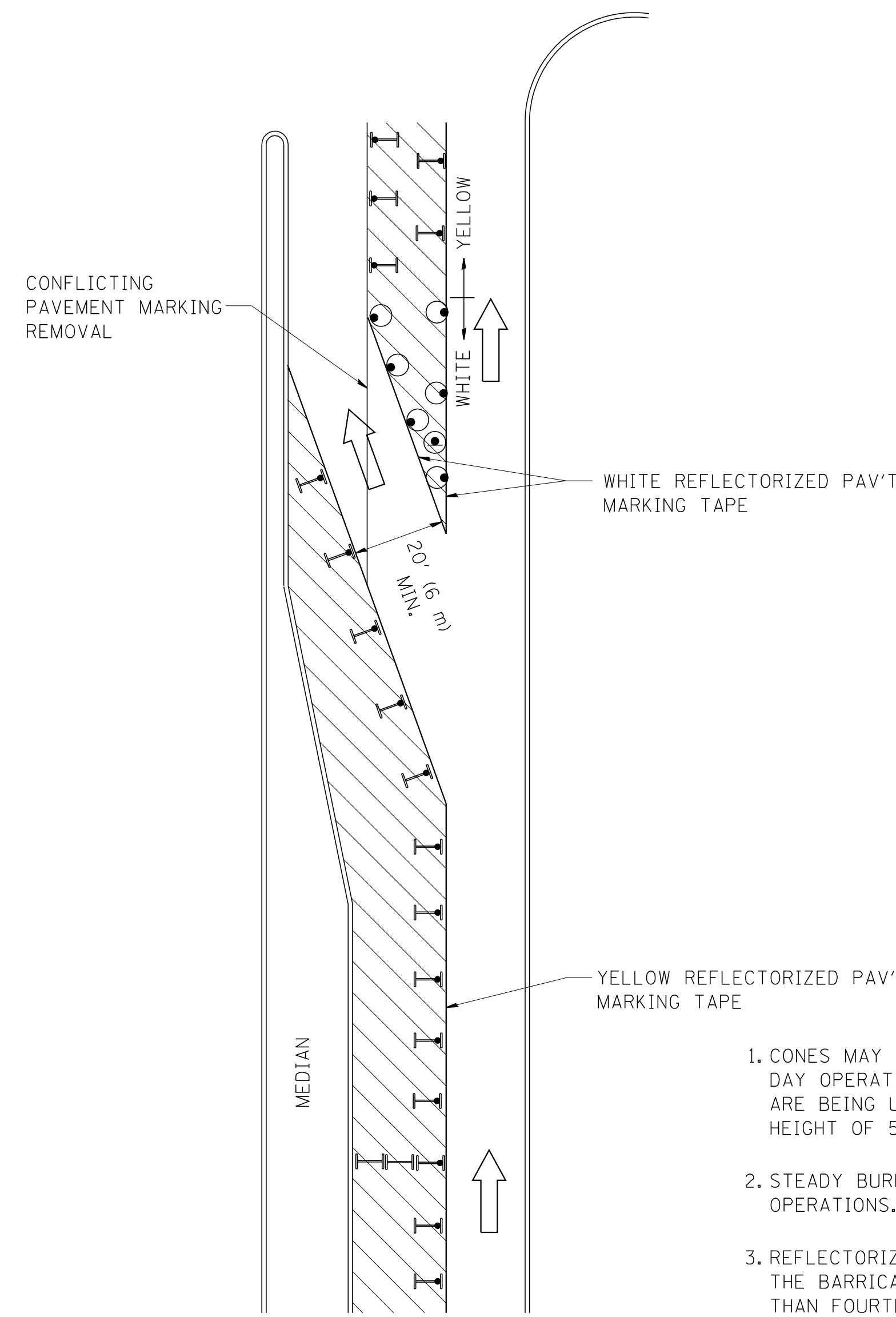
All dimensions are in inches (millimeters) unless otherwise shown.

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		DRAWN -	REVISED - C. JUCIUS 09-09-09
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/9/2009	DATE - 03-19-90	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE. 338	SECTION (113R-2)N	COUNTY WILL	TOTAL SHEETS 38	SHEET NO. 30
TC-13		CONTRACT NO. 60T95		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

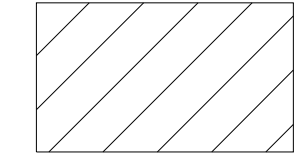
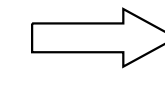
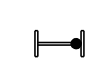


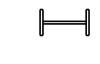


GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 PREQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

LEGEND

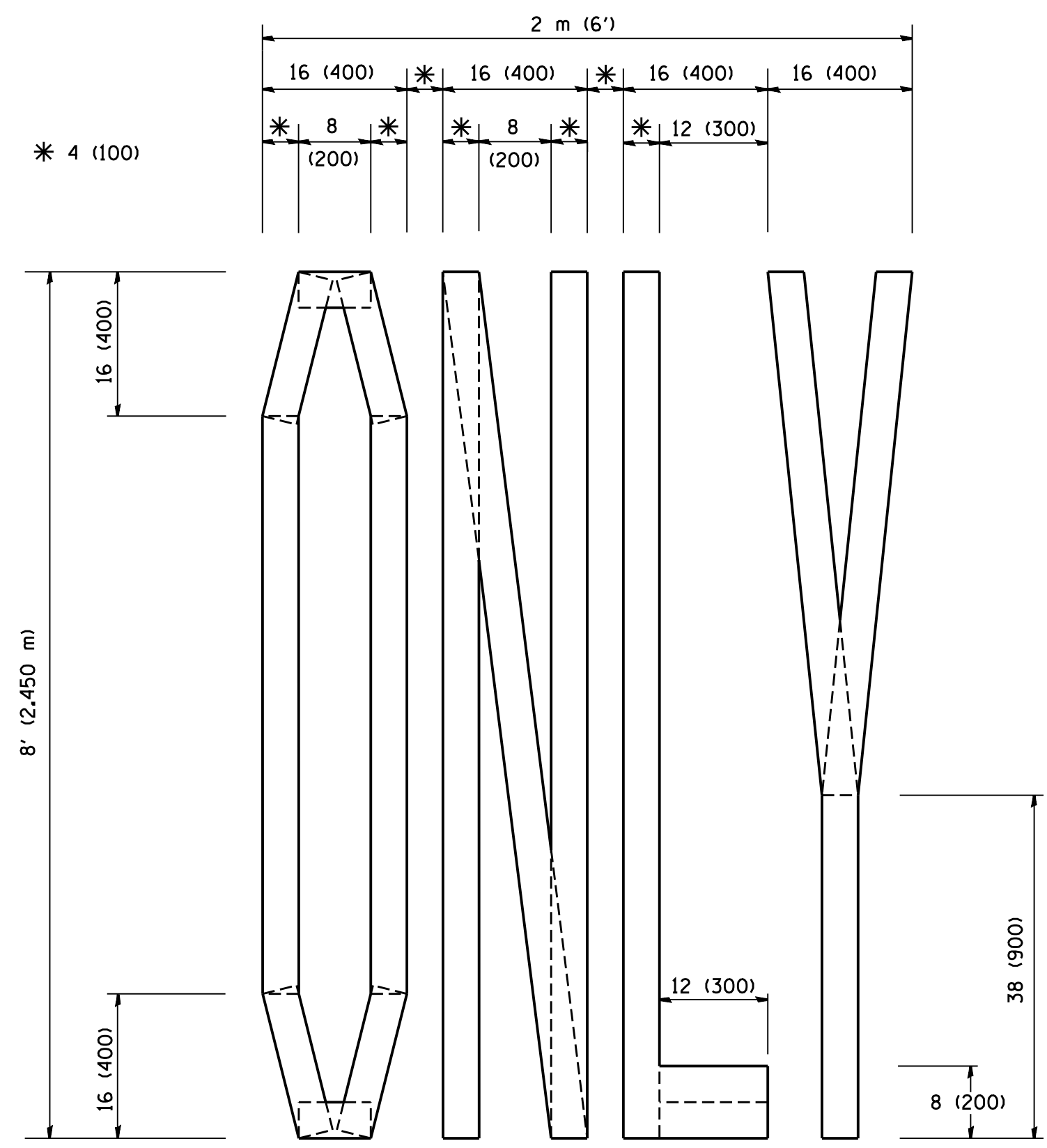
-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

FILE NAME =	USER NAME = drivakosgn	REVISED -T, RAMMACHER 09-08-94	REVISED - R, BORO 09-14-09
et:\pwwork\PWIDOT\DRIVAKOSGN\d0108315\14.dgn		REVISED - A. HOUSEH 11-07-95	REVISED -
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	PLOT DATE = 9/14/2009	REVISED -T, RAMMACHER 01-06-00	REVISED -

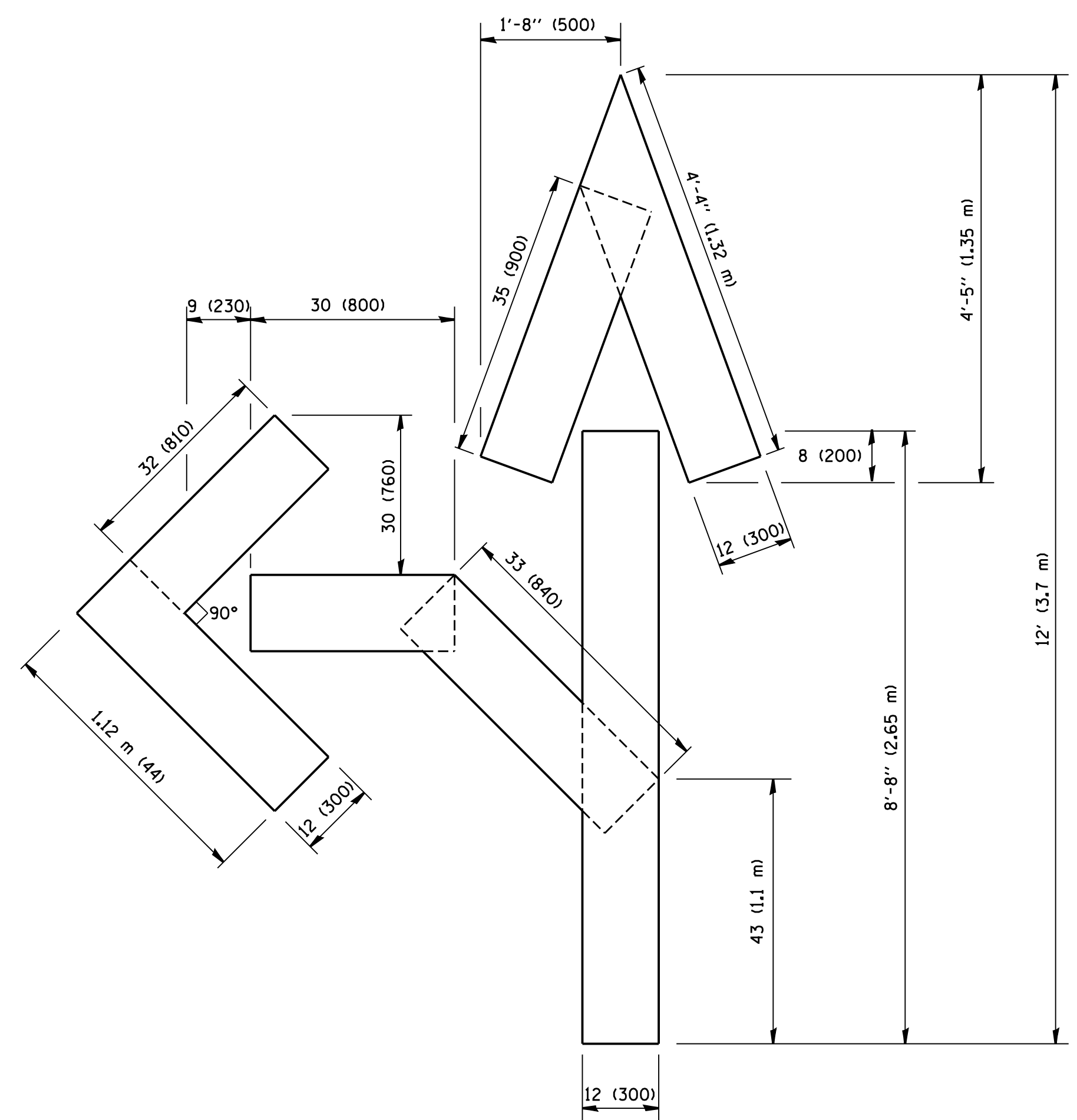
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

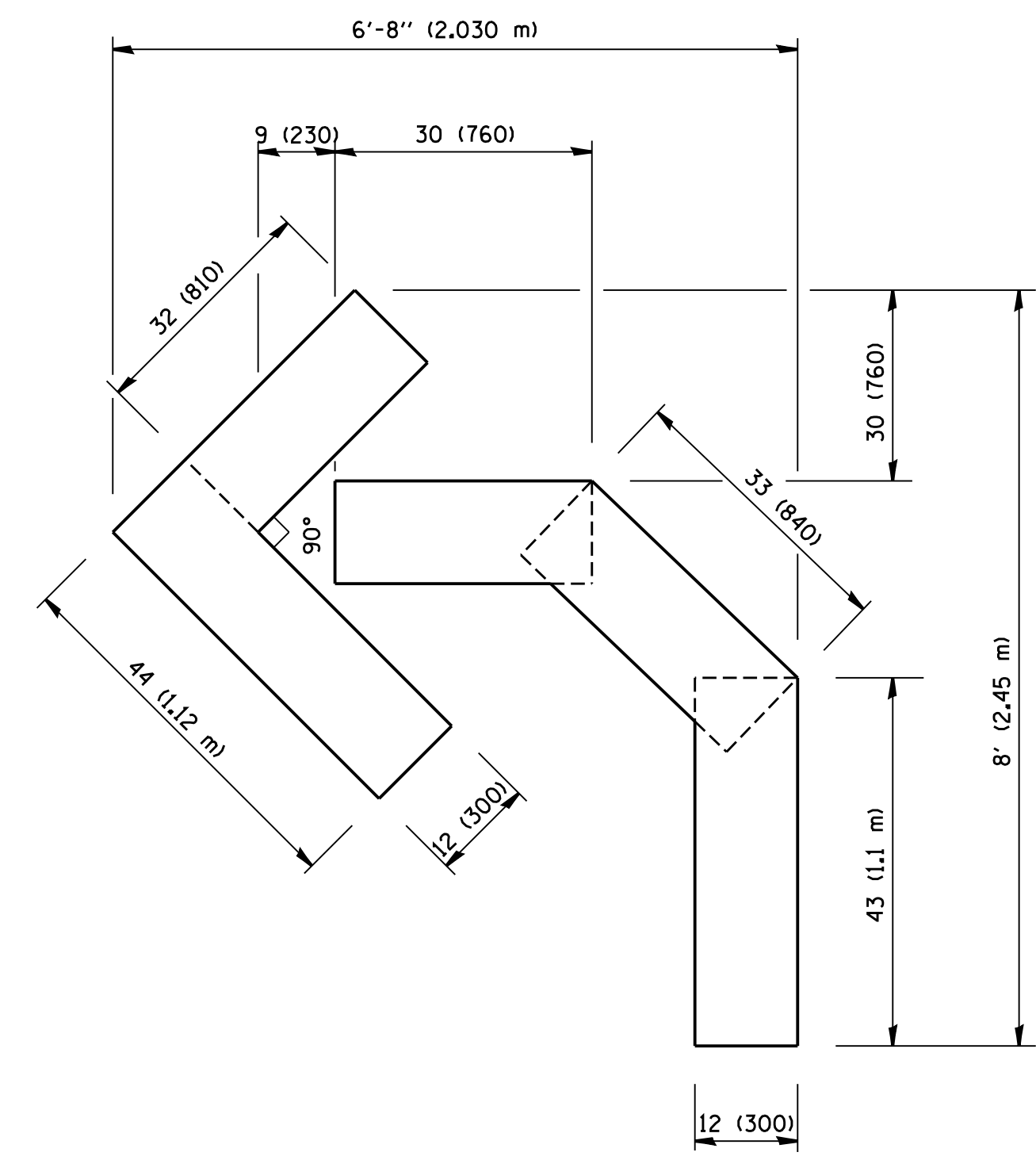
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2)N	WILL	38	31
TC-14		CONTRACT NO. 60T95		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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



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



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

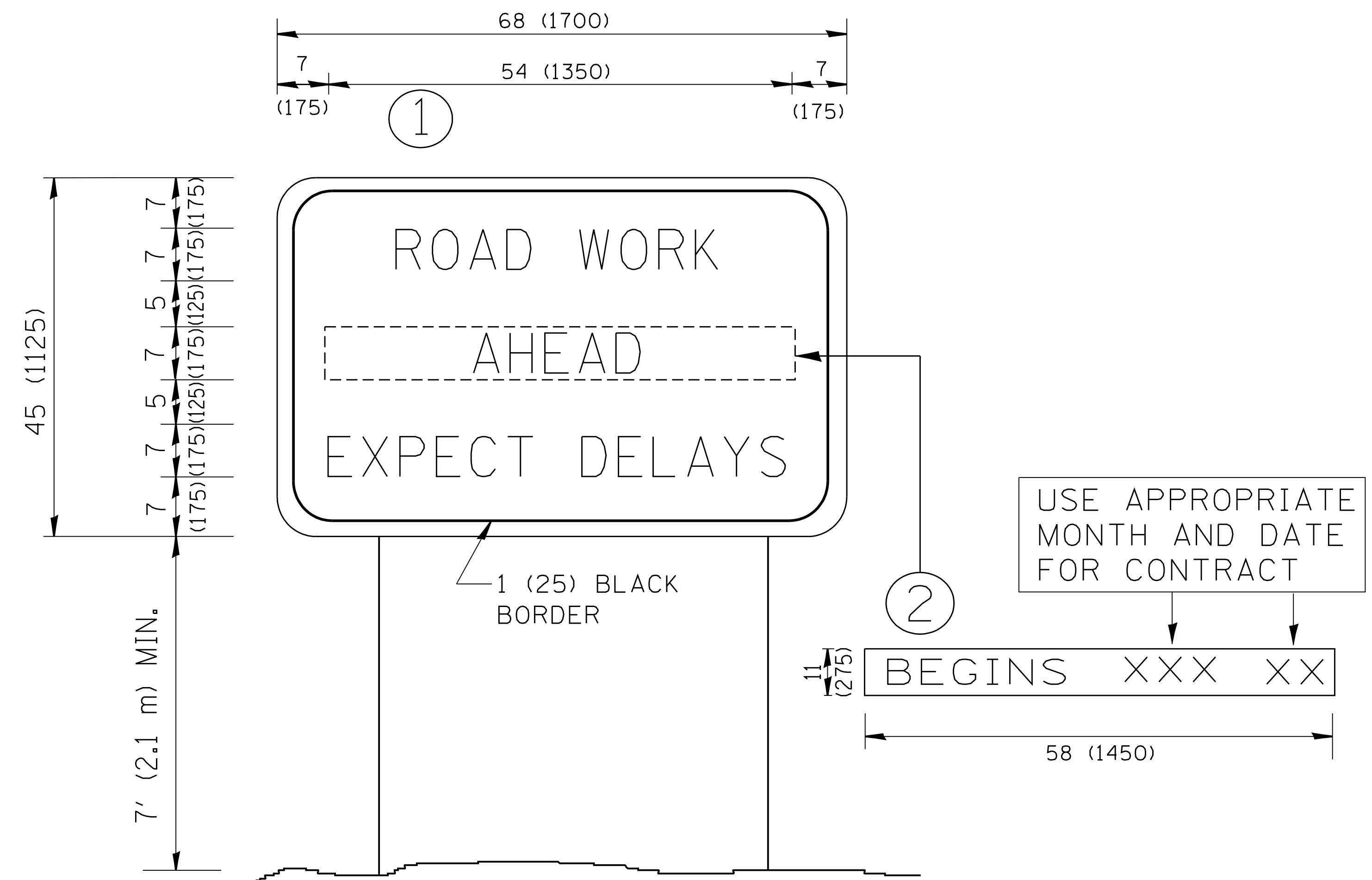
All dimensions are in inches (millimeters) unless otherwise shown.

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		DRAWN -	REVISED -T. RAMMACHER 11-04-97
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -T. RAMMACHER 03-02-98
	PLOT DATE = 1/4/2008	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2)N	WILL	38	32
TC-16			CONTRACT NO. 60T95	
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 = W:\diststd\22x34\to22.dgn	USER NAME = gaglianobt	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

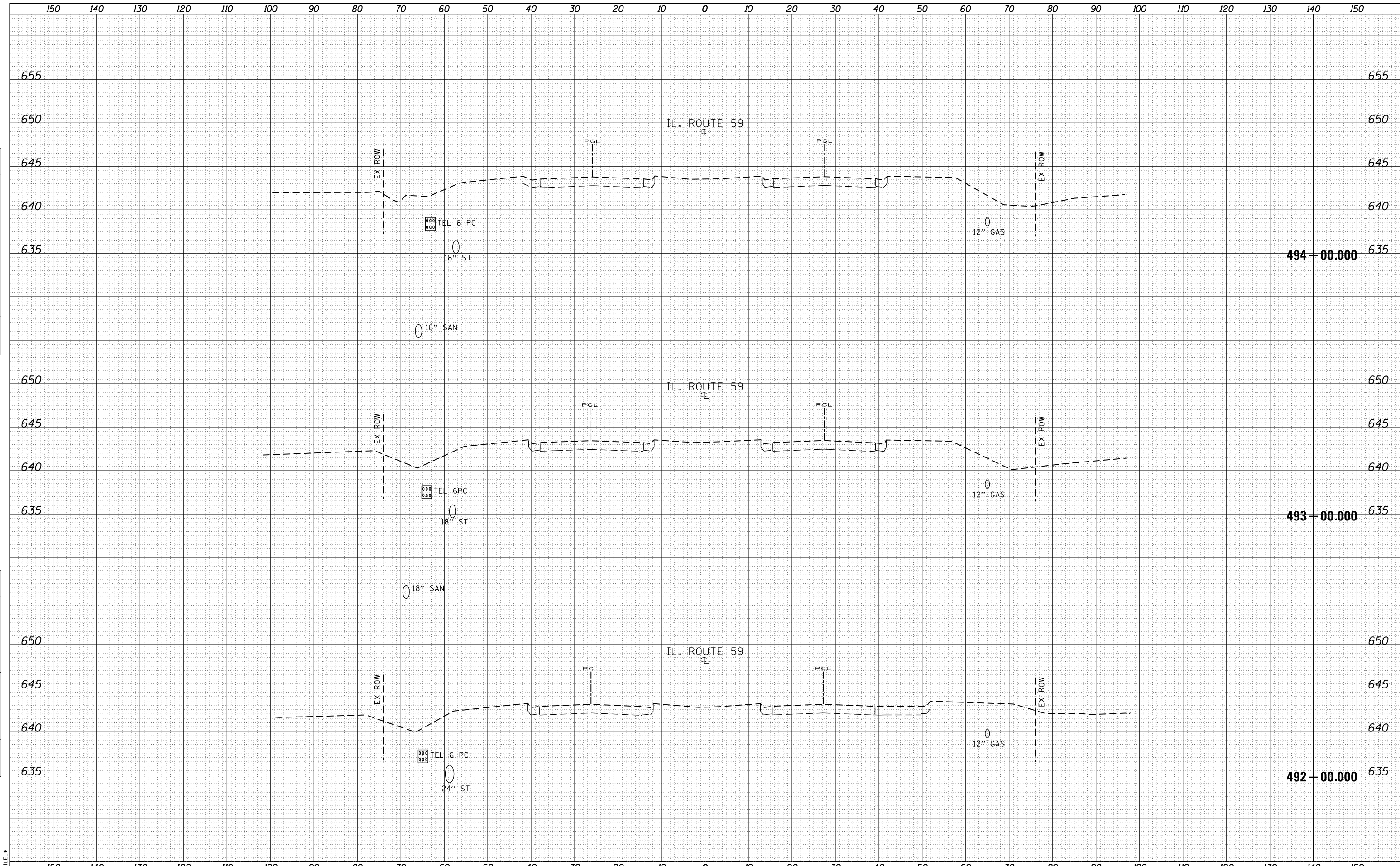
**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A.P. RTE. 338	SECTION (113R-2)N	COUNTY WILL	TOTAL SHEETS 38	SHEET NO. 33
TC-22		CONTRACT NO. 60T95		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



FILE NAME = \$FILEL\$

USER NAME = mm11er	DESIGNED - BFH	REVISED -
	DRAWN - BFH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BA	REVISED -
PLOT DATE = 3/21/2013	DATE - 3/22/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

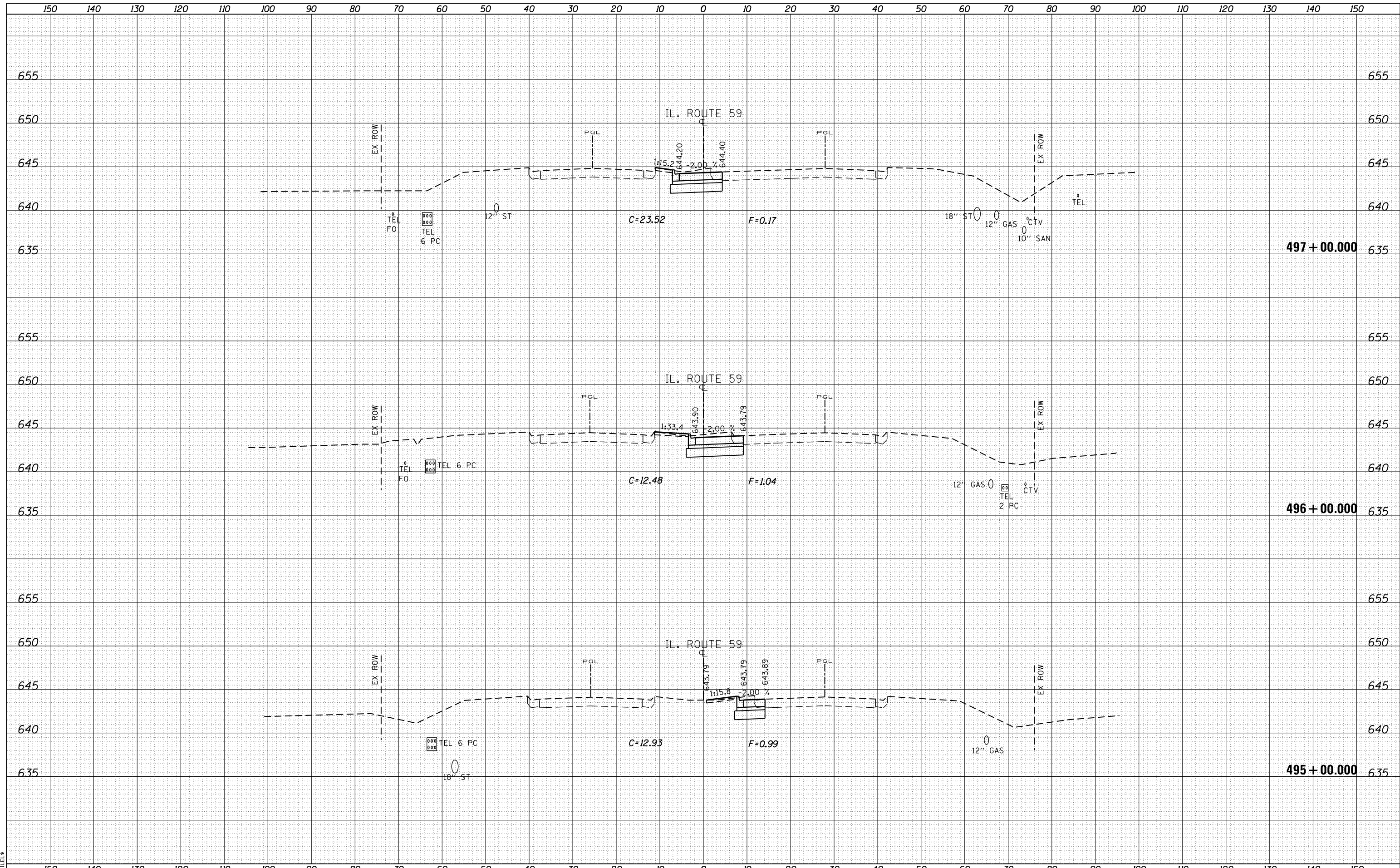
EXIST & PROP CROSS SECTIONS

SCALE: SHEET NO. 1 OF 5 SHEETS STA. 492+00.000 TO STA. 494+00.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2)N	WILL	38	34
				CONTRACT NO. 60T95
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED AREAS CHECKED	
PLOTTED TEMPLATE AREAS CHECKED	
NOTE BOOK NO.	

DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED AREAS CHECKED	
PLOTTED TEMPLATE AREAS CHECKED	
NOTE BOOK NO.	



FILE NAME = \$FILEL\$

USER NAME = mmiller	DESIGNED - BFH	REVISED -
	DRAWN - BFH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BA	REVISED -
PLOT DATE = 3/22/2013	DATE - 3/22/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

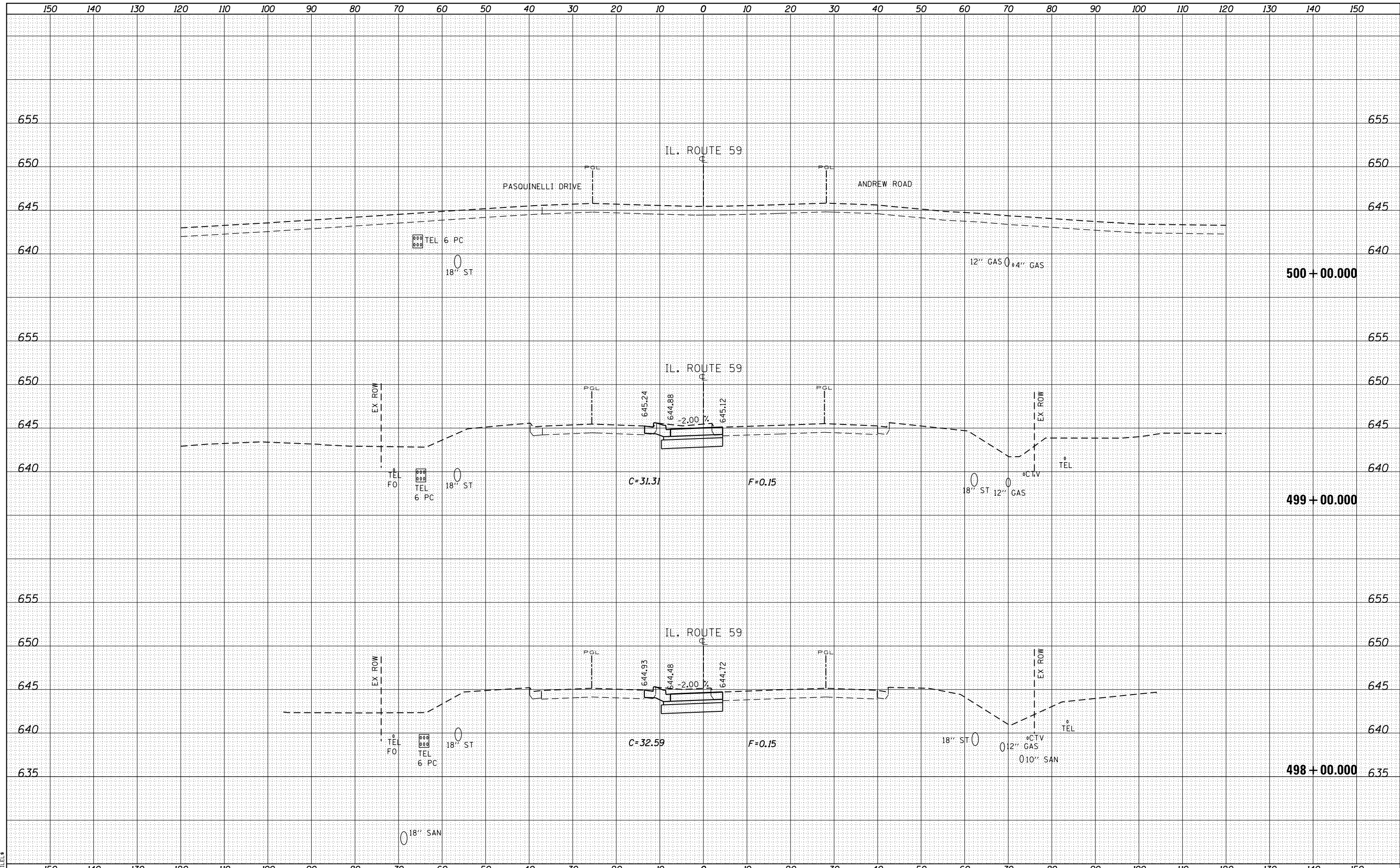
EXIST & PROP CROSS SECTIONS

SCALE: SHEET NO. 2 OF 5 SHEETS STA. 495+00.000 TO STA. 497+00.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2)N	WILL	38	35
CONTRACT NO. 60T95				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



FILE NAME = \$FILEL\$

USER NAME = mmiller	DESIGNED - BFH	REVISED -
	DRAWN - BFH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BA	REVISED -
PLOT DATE = 3/21/2013	DATE - 3/22/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

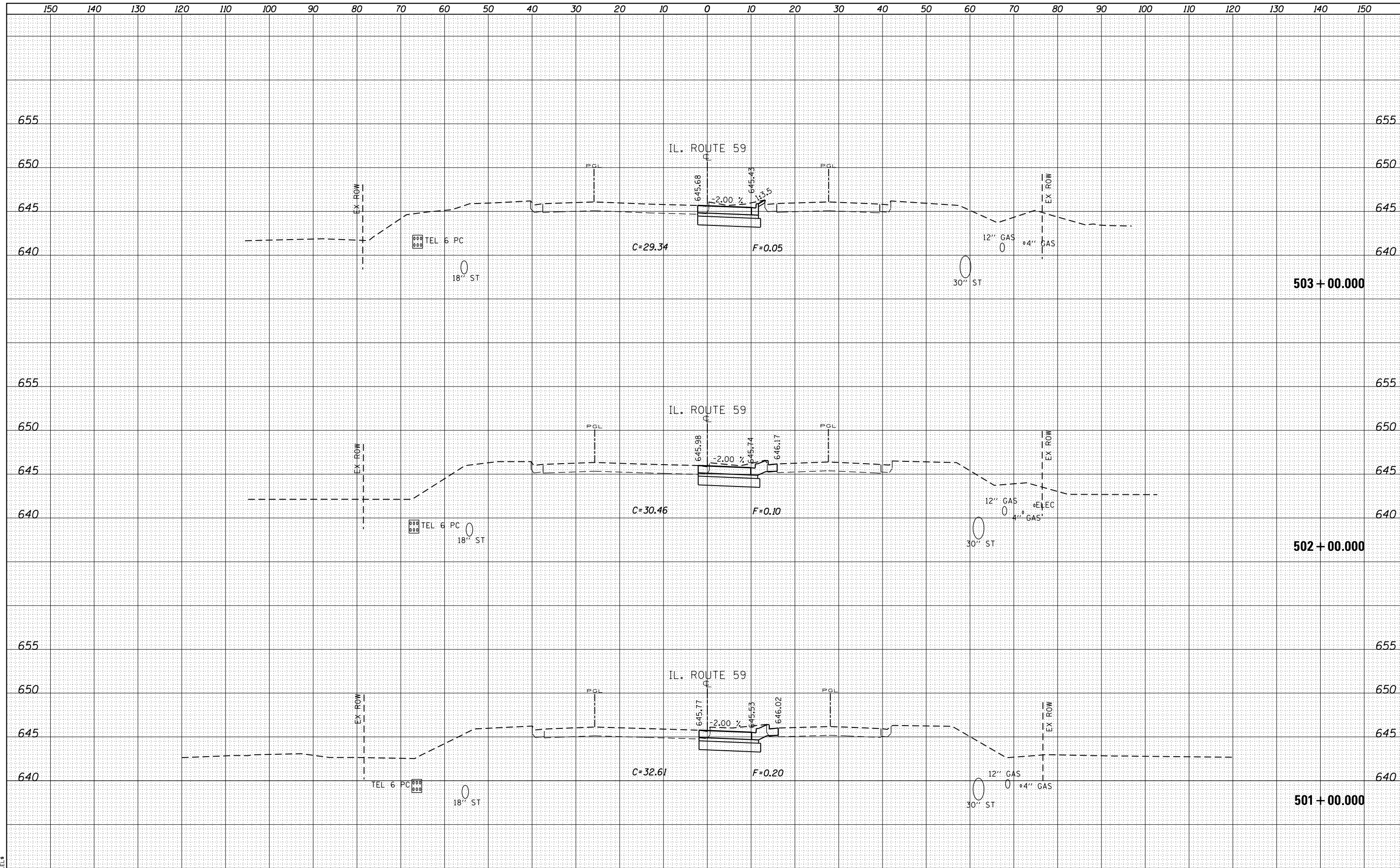
EXIST & PROP CROSS SECTIONS

SCALE: SHEET NO. 3 OF 5 SHEETS STA. 498+00.000 TO STA. 500+00.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2)N	WILL	38	36
				CONTRACT NO. 60T95
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



FILE NAME = \$FILEL\$

USER NAME = mm11er	DESIGNED - BFH	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - BFH	REVISED -
PLOT DATE = 3/21/2013	CHECKED - BA	REVISED -
	DATE - 3/22/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

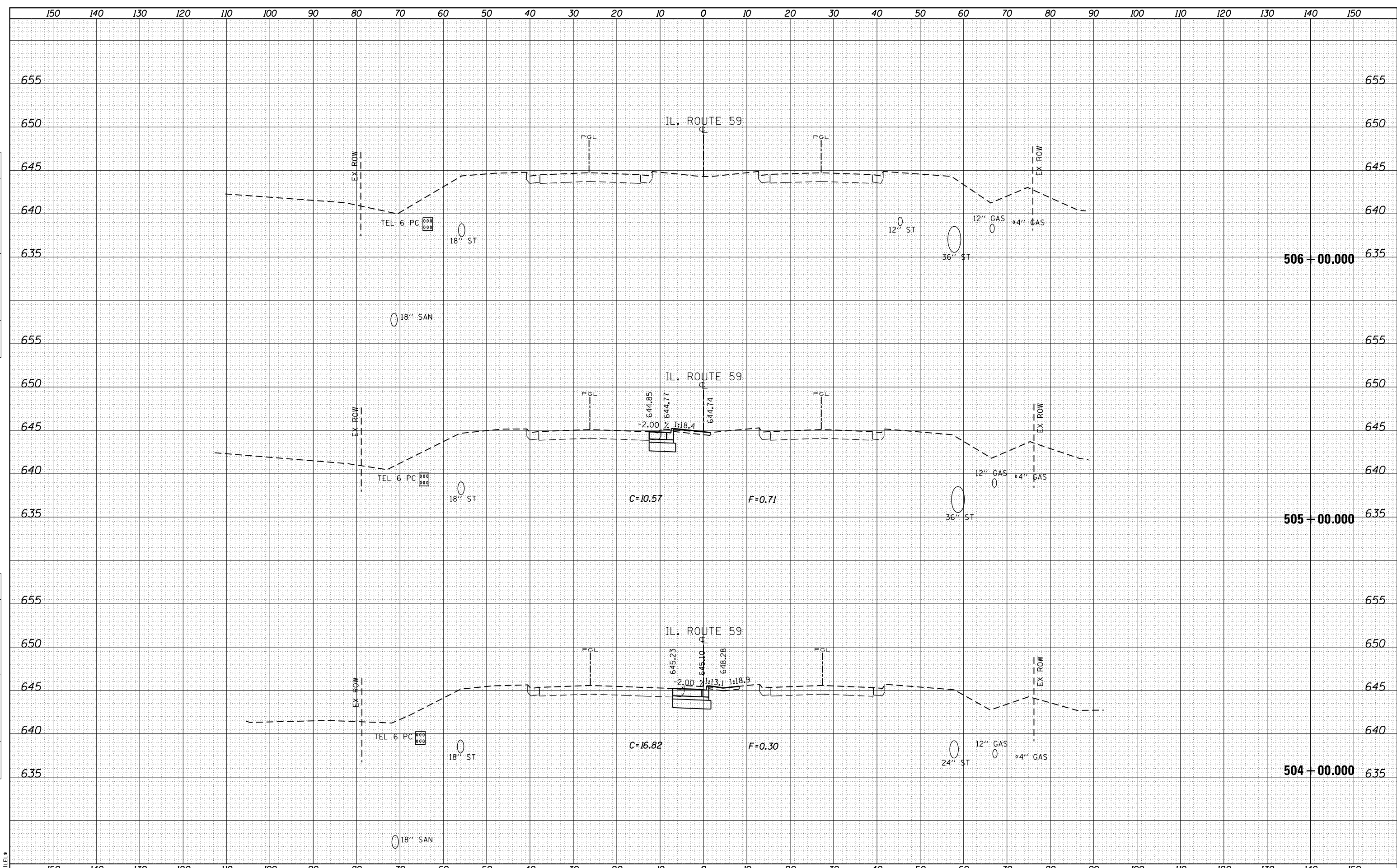
EXIST & PROP CROSS SECTIONS

SCALE: SHEET NO. 4 OF 5 SHEETS STA. 501+00.000 TO STA. 503+00.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2)N	WILL	38	37
CONTRACT NO. 60T95				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



FILE NAME = \$FILEL\$

USER NAME = mmiller	DESIGNED - BFH	REVISED -
	DRAWN - BFH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BA	REVISED -
PLOT DATE = 3/21/2013	DATE - 3/22/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXIST & PROP CROSS SECTIONS

SCALE: SHEET NO. 5 OF 5 SHEETS STA. 504+00.000 TO STA. 506+00.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113R-2)N	WILL	38	38
				CONTRACT NO. 60T95
ILLINOIS FED. AID PROJECT				