

04-27-12 LETTING ITEM 148

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 322
SECTION D7 SAFETY 2012-1

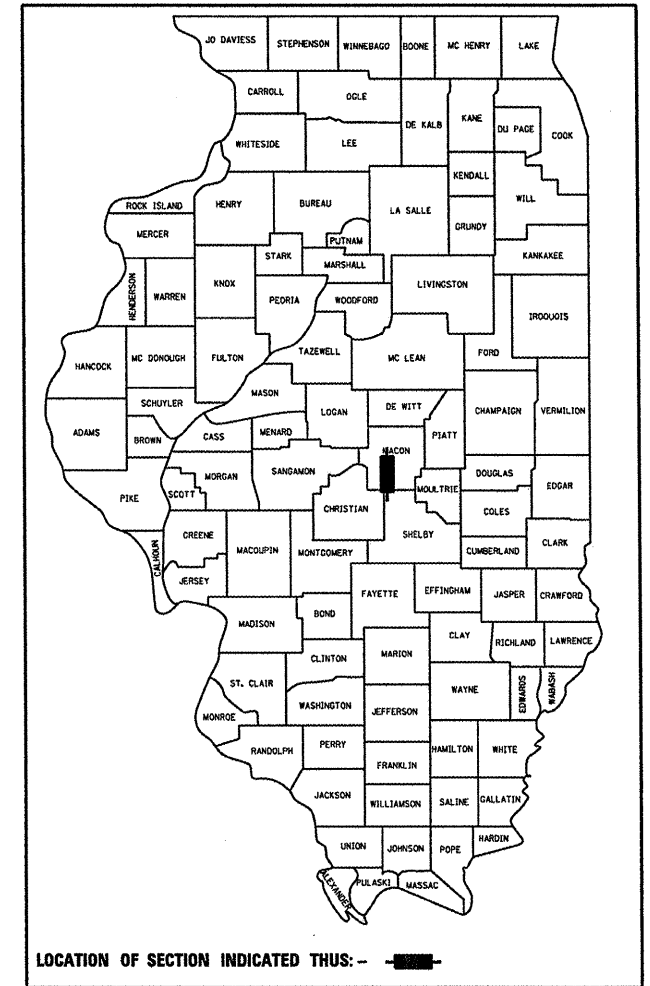
TYPE of IMPROVEMENT
MACON/SHELBY COUNTY

C-97-090-12

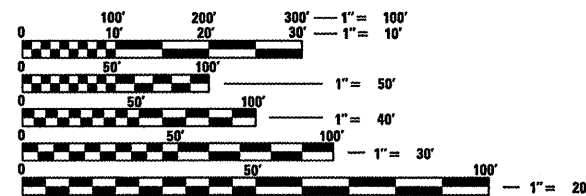
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	D7 SAFETY 2012-1	ILLINOIS	21	1
ILLINOIS CONTRACT NO. 74568				

• Macon, Shelby

D-97-030-12



FOR INDEX OF SHEETS, SEE SHEET NO. 2



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

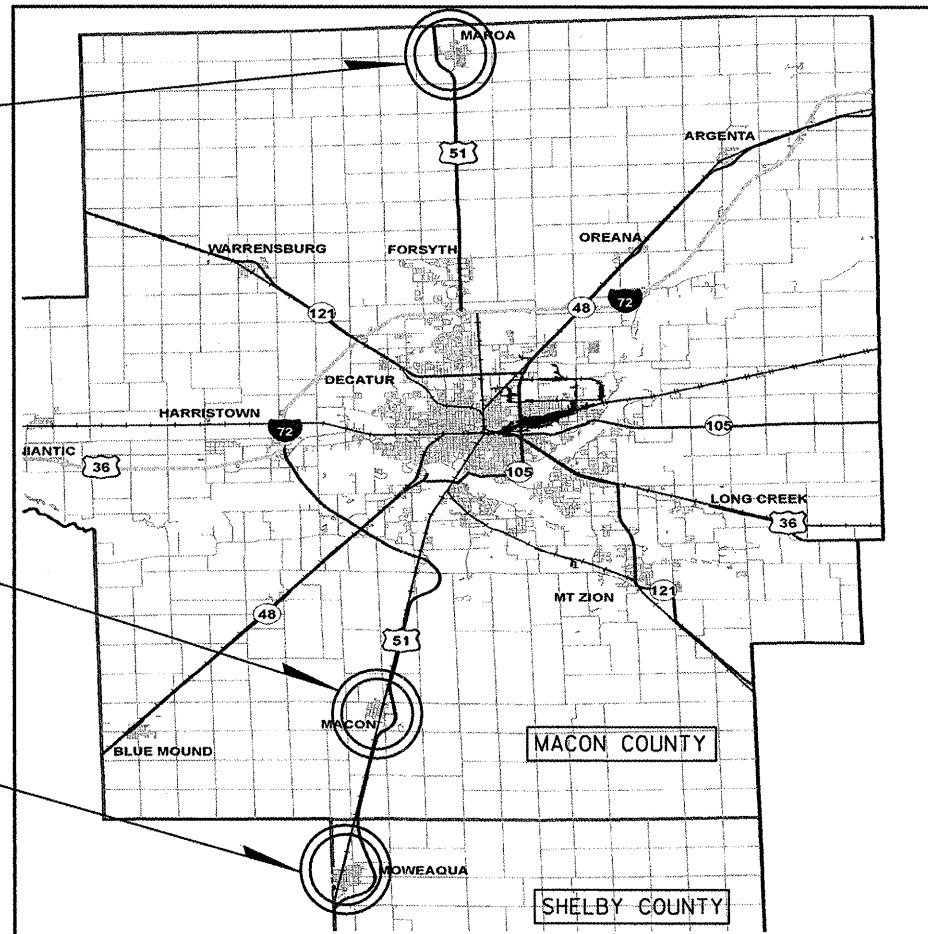
PROJECT ENGINEER ROB MACKLIN
PROJECT MANAGER LYNN McCLELLAN

CONTRACT NO. 74568

PROPOSED LOCATION #3
3 INTERSECTIONS
AROUND MAROA

PROPOSED LOCATION #2
3 INTERSECTIONS
AROUND MACON

PROPOSED LOCATION #1
6 INTERSECTIONS
AROUND MOWEAQUA



GROSS LENGTH = x.xx FT. = x.xxx MILE
NET LENGTH = x.xx FT. = x.xxx MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *Feb 16 2012*
Rob L. Macklin
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 23 2012
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

March 23 2012
William R. Frey, Jr.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

GENERAL NOTES

THIS PROJECT IS LOCATED AT 12 SEPARATE LOCATIONS ON FAP 322 (US ROUTE 51). THERE ARE 6 INTERSECTIONS AROUND THE VILLAGE OF MOWEAQUA IN SHELBY COUNTY. THERE ARE 3 INTERSECTIONS AROUND THE CITY OF MACON AND 3 INTERSECTIONS AROUND THE CITY OF MAROA BOTH IN MACON COUNTY. THIS PROJECT CONSISTS OF STRIPING AT ALL 12 INTERSECTIONS AND FLASHING STOP SIGNS AND SPEED LIMIT SIGNS INSTALLED AT 1 INTERSECTION IN MOWEAQUA, 2 INTERSECTIONS IN MACON AND 2 INTERSECTIONS IN MAROA AND ALL OTHER WORK NECESSARY TO COMPLETE THIS PROJECT.

THE LOCATIONS OF THE FLASHING COMPONENTS AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE FINAL LOCATIONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE EXISTING UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CALL J.U.L.I.E. AT 1-800-892-0123.

THE TRAFFIC SIGNAL ENGINEER AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE NOTIFIED AT 217-342-8382 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNIT.

THE SIZE OF THE CABLE SUPPLIED SHALL BE EQUAL TO OR GREATER THAN THE SIZE OF THE CALBE REQUIRED TO CARRY THE LOAD BETWEEN THE CONTROLLER AND THE SERVICE INSTALLATION.

ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED. CABLES SHALL BE NEATLY WOUND IN THE GULFBOXES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.

NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FOOT MINIMUM DEPTH TO AVOID OBXTACLES SUCH AS UNDERGROUND UTILITIES.

THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY.

THE NUMBER OF CONDUCTORS FOR ELECTRIC CABLES AS SHOWN ON THE PLANS SHALL BE THE MINIMUM NUMBER OF CONDUCTORS FURNISHED FOR EACH LOCATION. THE CONTRACTOR MAY SUBSTITUTE AN ELECTRIC CABLE WITH MORE CONDUCTORS THAT SPECIFIED BT NO ADDITIONAL COMPENSATION WILL BE MADE FOR THE EXTRA CONDUCTORS.

ALL NEW SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN HANDHOLESOR GULFBOXES WILL NOT BE ALLOWED.

KNOWN UTILITIES LOCATED WITHIN THE LIMITS OF THIS IMPROVEMENT ARE:

AMEREN-CIPS
420 NORTH 2400 EAST RD
PANA, IL 62557
PH. 217-562-1439

SUDDENLINK COMMUNICATIONS
127 S. MAIN
MOWEAQUA, IL 62550

CITY OF MACON
285 SOUTH FRONT ST.
P.O. BOX 349
MACON, IL 62544-0349
PH. 217-764-3643

AMEREN/DIVISION IV GAS
711 S. 9TH. ST.
MATTOON, IL 61938
PH. 217-234-0429

AMEREN-IP
2400 NORTH JASPER STREET
DECATUR, IL 62526
217-424-7075

ALMEGA COMMUNICATIONS
1204 S. SECOND ST
GILLESPIE, IL 62033

VERIZON
330 W. BEECHER
JACKSONVILLE, IL 62650

CITY OF MAROA
P.O. BOX 136
MAROA, IL 61756

SHELBY ELECTRIC COOPERATIVE
RTE 128 & N. SIXTH STREET
P. O. BOX 560
SHELBYVILLE, IL 62565
217-774-3986

FRONTIER COMMUNICATIONS
117 W. JEFFERSON
MT. PULASKI, IL 62548
217-792-0205

A T & T
2250 N. JASPER
DECATUR, IL 62526
217-429-8596

VILLAGE OF MOWEAQUA
122 NORTH MAIN ST.
MOWEAQUA, IL 62550
217-768-3435

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS AND GENERAL NOTES
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- 5 LOCATION #4 SIGN LAYOUT
- 6-8 STRIPING DETAILS-VILLAGE OF MOWEAQUA
- 9 OVERALL LAYOUT-CITY OF MACON
- 10 LOCATION #8 & #9 CITY OF MACON
- 11-12 STRIPING DETAILS-CITY OF MACON
- 13 OVERALL LAYOUT-CITY OF MAROA
- 14 LOCATION #10 & #11 CITY OF MAROA
- 15-16 STRIPING DETAILS-CITY OF MAROA
- 17 DETAILS
- 18-21 PAVEMENT MARKING DETAILS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 21:

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 701001-02 OFF-ROAD OPERATIONS 2L, 2W, 15' MIN. AWAY
- 701006-03 OFF-ROAD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701011-02 OFF-ROAD MOVING OPERATIONS 2L, 2W DAY ONLY
- 701101-02 OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
- 701301-04 LANE CLOSURE 2L, 2W SHORT TIME OPERATIONS
- 701701-08 URBAN LANE CLOSURE MULTILANE INTERSECTION
- 701901-02 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 805001-01 ELECTRICAL SERVICE INSTALLATION DETAILS
- 880001-01 SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION

701400-05
701400-06

FILE NAME =	USER NAME = maelellanle	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000 / in.		CHECKED -	REVISED -			CONTRACT NO. 74568				
PLOT DATE = 2/16/2012		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET OF SHEETS STA.		TO STA.		

SUMMARY OF QUANTITIES			100% STATE CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0021 MACON CO	0021 SHELBY CO
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	310	310	
67100100	MOBILIZATION	L SUM	1	0.67	0.33
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	0.67	0.33
	701701				
72000200	SIGN PANEL - TYPE 2	SO FT	192	144	48
73000100	WOOD SIGN SUPPORT	FOOT	194	194	
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	997	456	541
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	4384	2121	2263
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2146	975	1171
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	8442	6755	1687
81100500	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL	FOOT	210	182	28
81500100	GULFBOX JUNCTION	EACH	25	21	4
85800100	FLASHER CONTROLLER	EACH	3	3	
87301125	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 12 3C	FOOT	13224	9779	3445

SUMMARY OF QUANTITIES			100% STATE CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0021 MACON CO	0021 SHELBY CO
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2142	2142	
88040030	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED	EACH	2	2	
89100400	ILLUMINATED SIGN, LED	EACH	8	6	2
X0326852	RADAR SPEED SIGN	EACH	8	6	2
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SO FT	310	310	
X7240195	REMOVE EXISTING SIGN PANEL	EACH	9	7	2
X7270025	REMOVE EXISTING SIGN SUPPORT	EACH	2		2
X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	997	456	541
X8040102	ELECTRIC SERVICE INSTALLATION, SPECIAL	EACH	3	3	

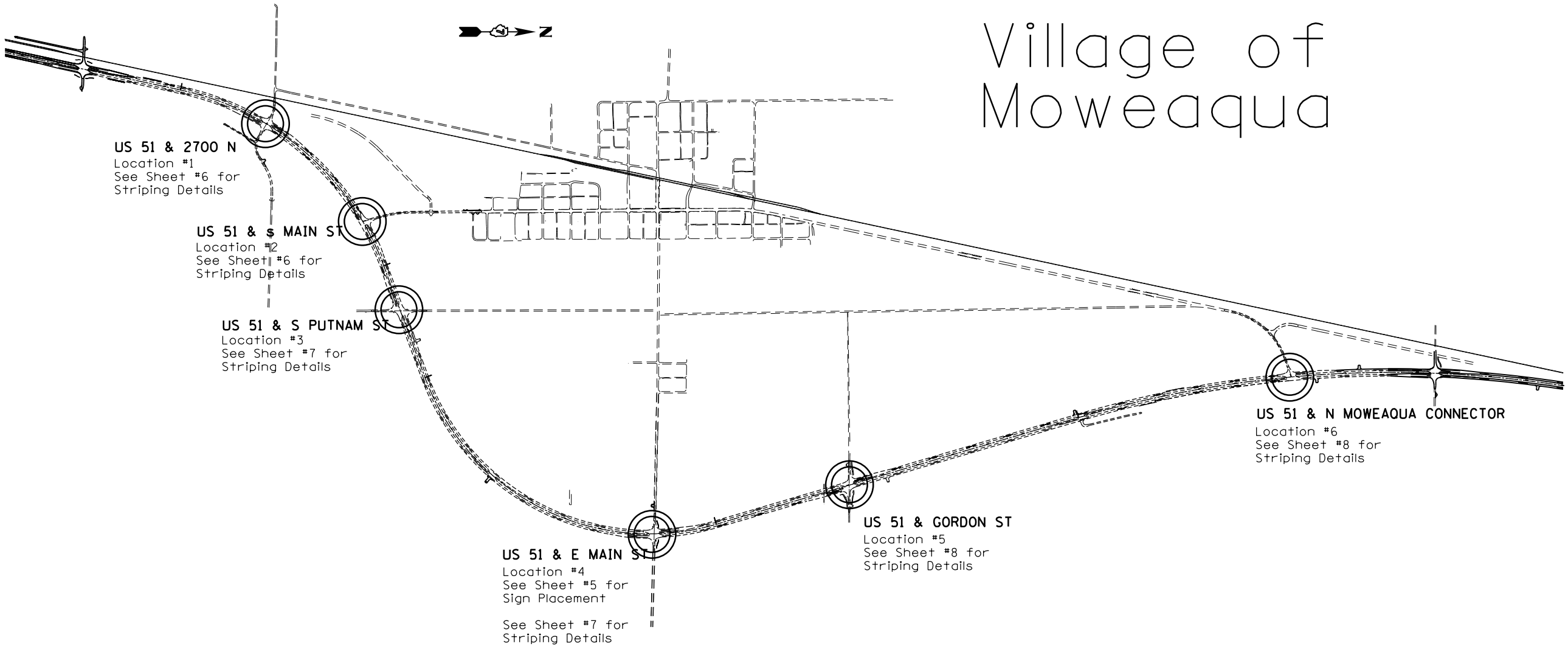
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	PLOT DATE = 2/16/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
		STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	D7 SAFETY 2012-1		21	3
CONTRACT NO. 74568			ILLINOIS FED. AID PROJECT	

Village of Moweaqua



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

OVERALL LAYOUT VILLAGE OF MOWEAQUA				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	D7 SAFETY 2012-1	*	21	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74568	

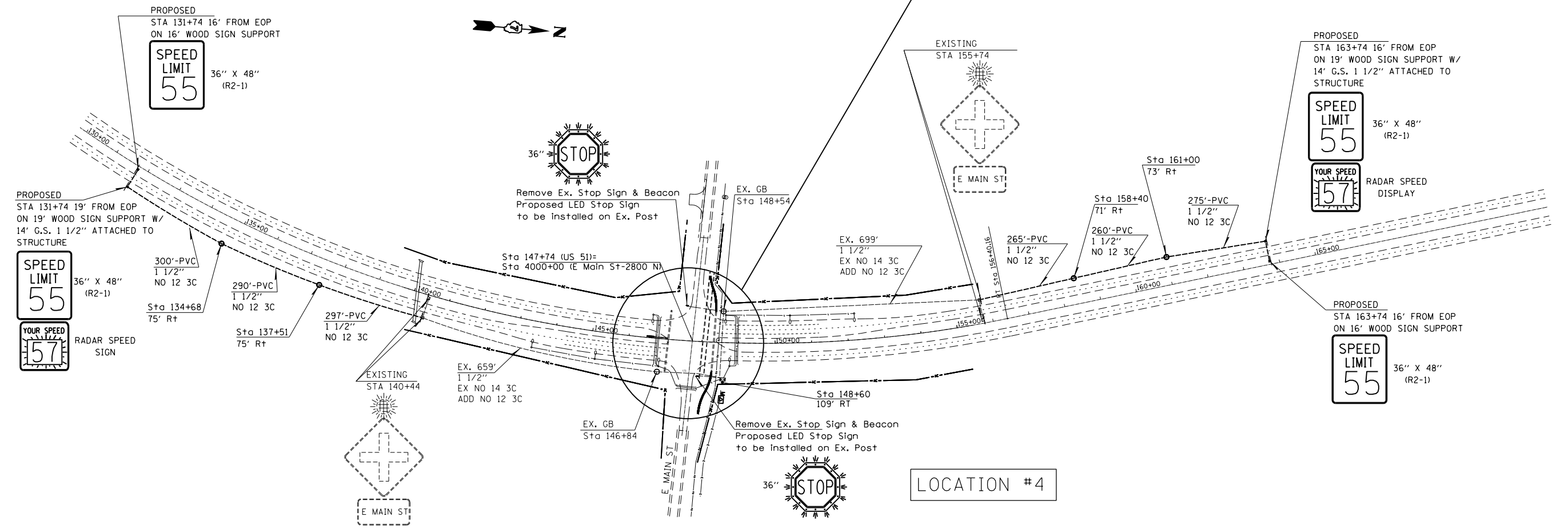
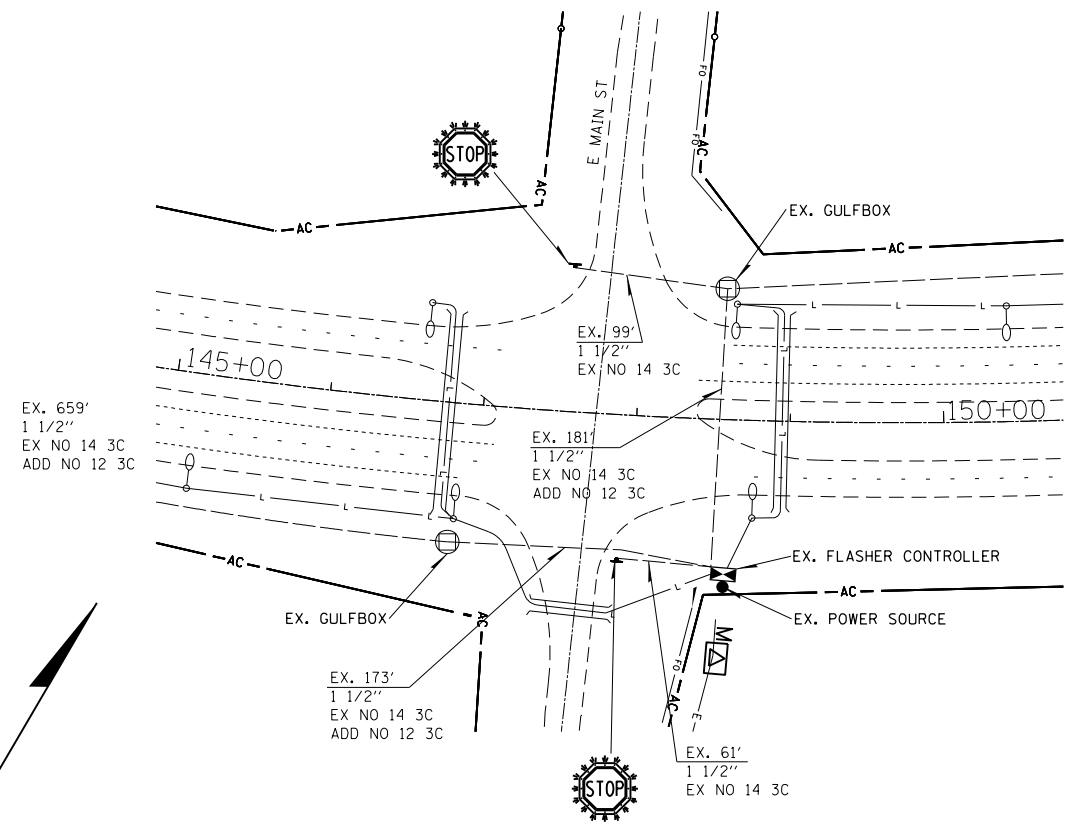
Existing Stop Sign Panels at the intersection shall be removed and returned to Illinois Department of Transportation. The existing Flashing Beacon will also be removed and returned and will be included in the cost of the Remove Existing Sign Panel.

The existing conduit and wire will be utilized for the proposed LED Stop Sign.

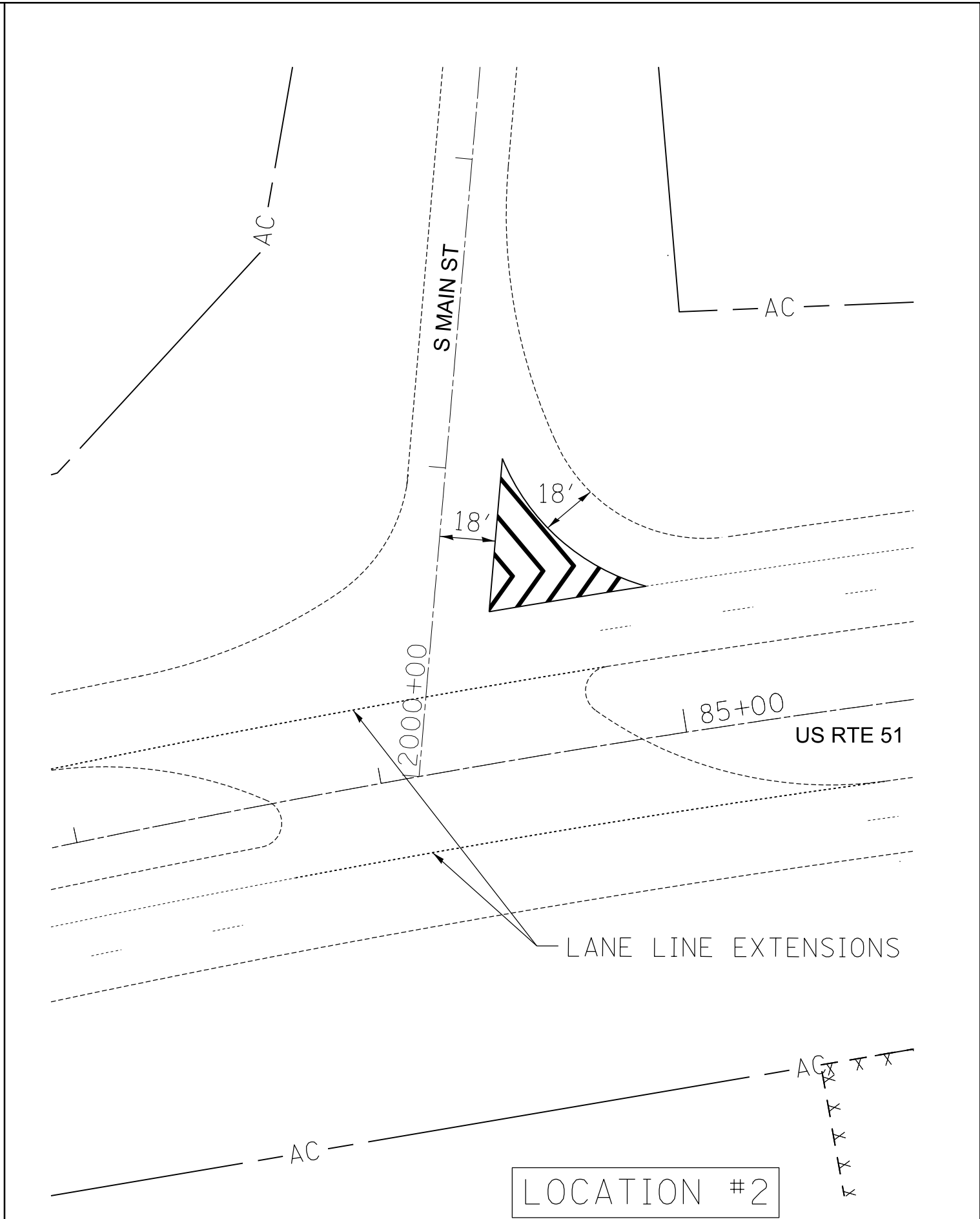
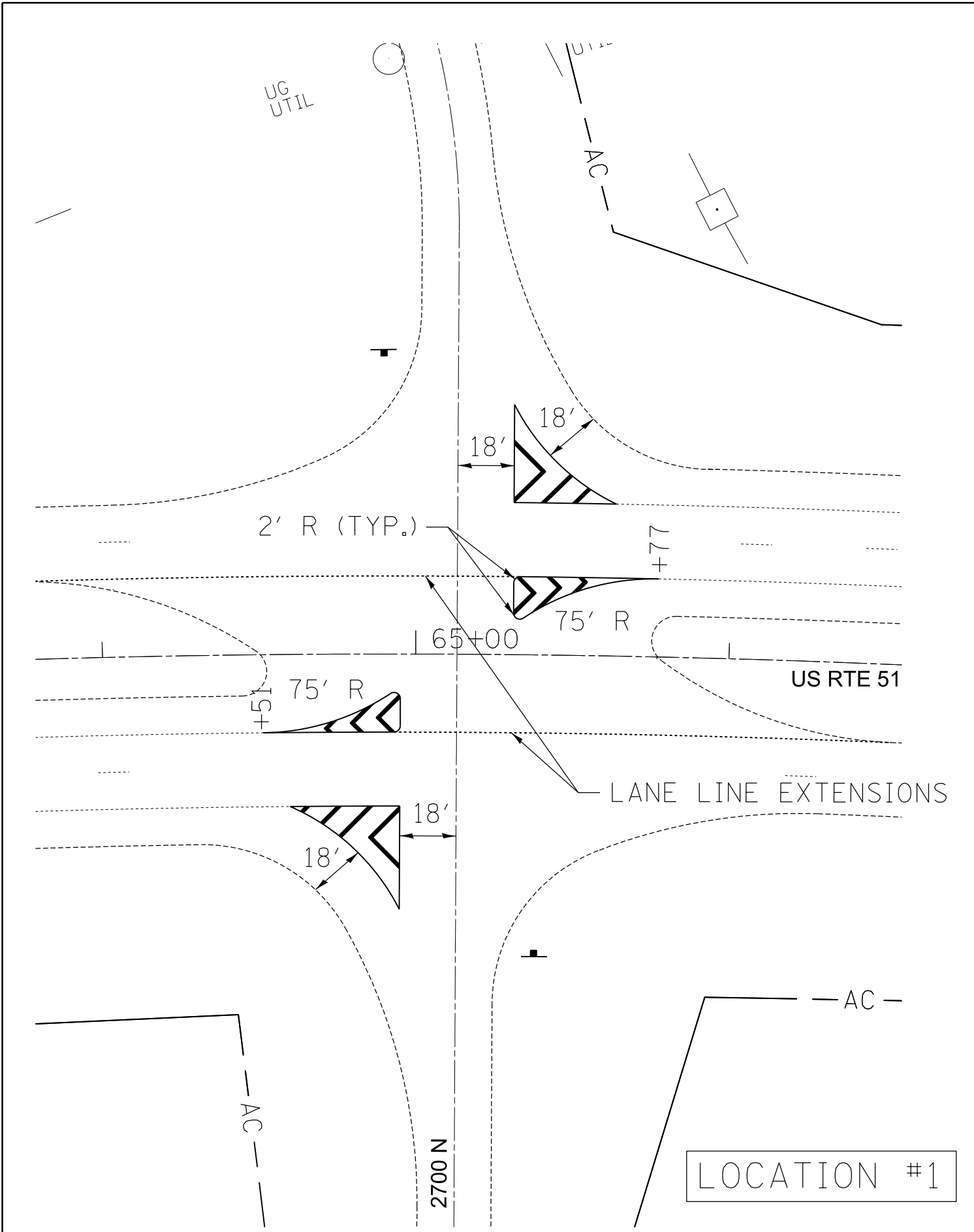
Existing conduit to Intersection Ahead sign Flashing Beacons will be utilized for the wire to the Radar Speed Signs.

BILL OF MATERIALS - MOWEAQUA		
ITEM	UNIT	QUANTITY
SIGN PANEL-TYPE 2	SO FT	48.0
WOOD SIGN SUPPORT	FOOT	70.0
THERMOPLASTIC PAVEMENT MARKING-LINE 4"	FOOT	541.0
THERMOPLASTIC PAVEMENT MARKING LINE-8"	FOOT	2263.0
THERMOPLASTIC PAVEMENT MARKING LINE-12"	FOOT	1171.0
UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	1687.0
CONDUIT ATTACHED TO STRUCTURE, 1 1/2" GALVANIZED STEEL	FOOT	28.0
GULFBOX JUNCTION	EACH	4.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 12 3C	FOOT	3445.0
ILLUMINATED SIGN, LED	EACH	2.0
RADAR SPEED SIGN	EACH	2.0
REMOVE EXISTING SIGN PANEL	EACH	2.0
GROOVING FOR RECESSED PAVEMENT MARKING	FOOT	541.0

FOR PAVEMENT MARKING DETAILS-SEE SHEETS *6-*8



FILE NAME =	USER NAME = maclellanla	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #4 INTERSECTION OF E MAIN ST VILLAGE OF MOWEAQUA	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 2/16/2012	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



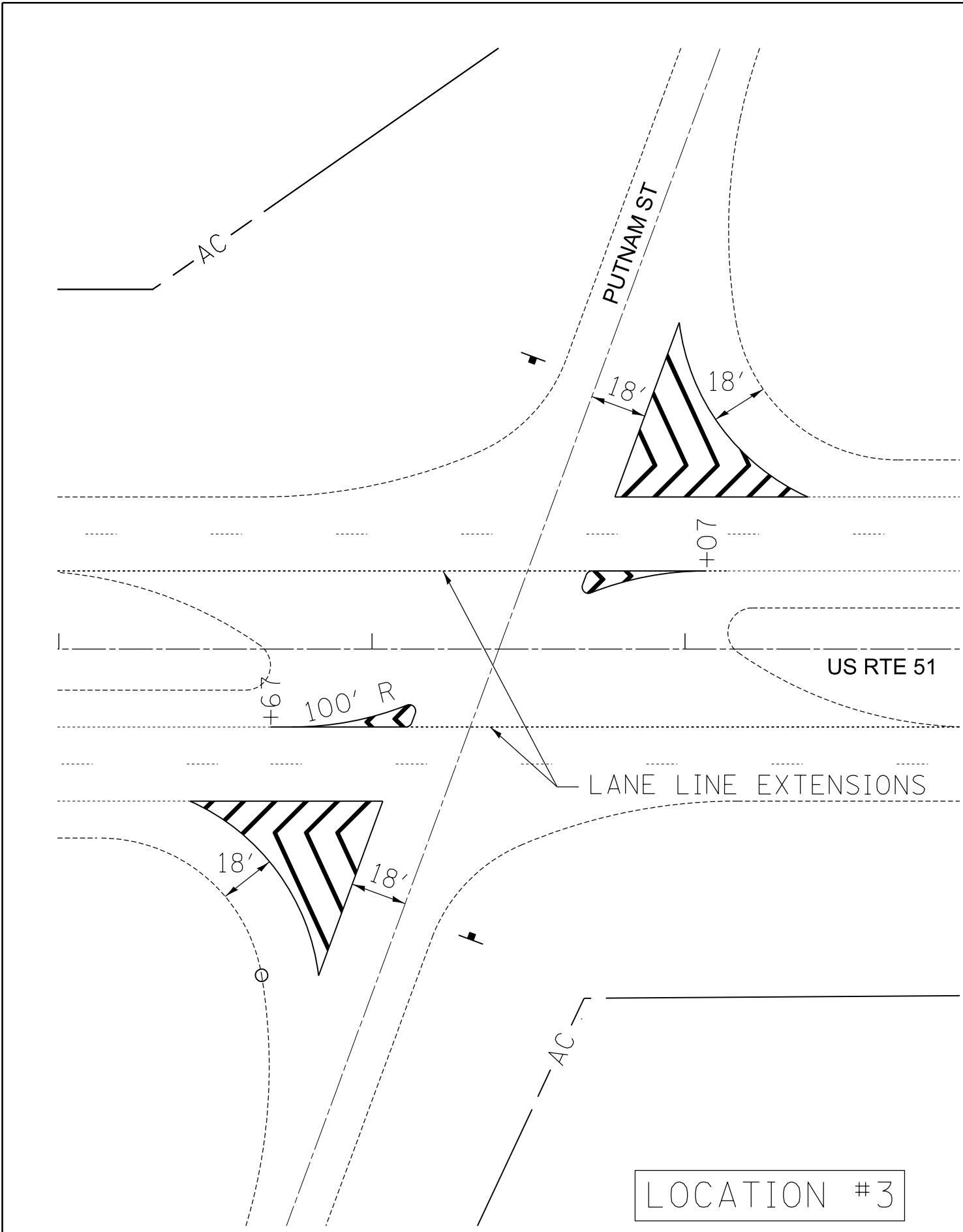
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

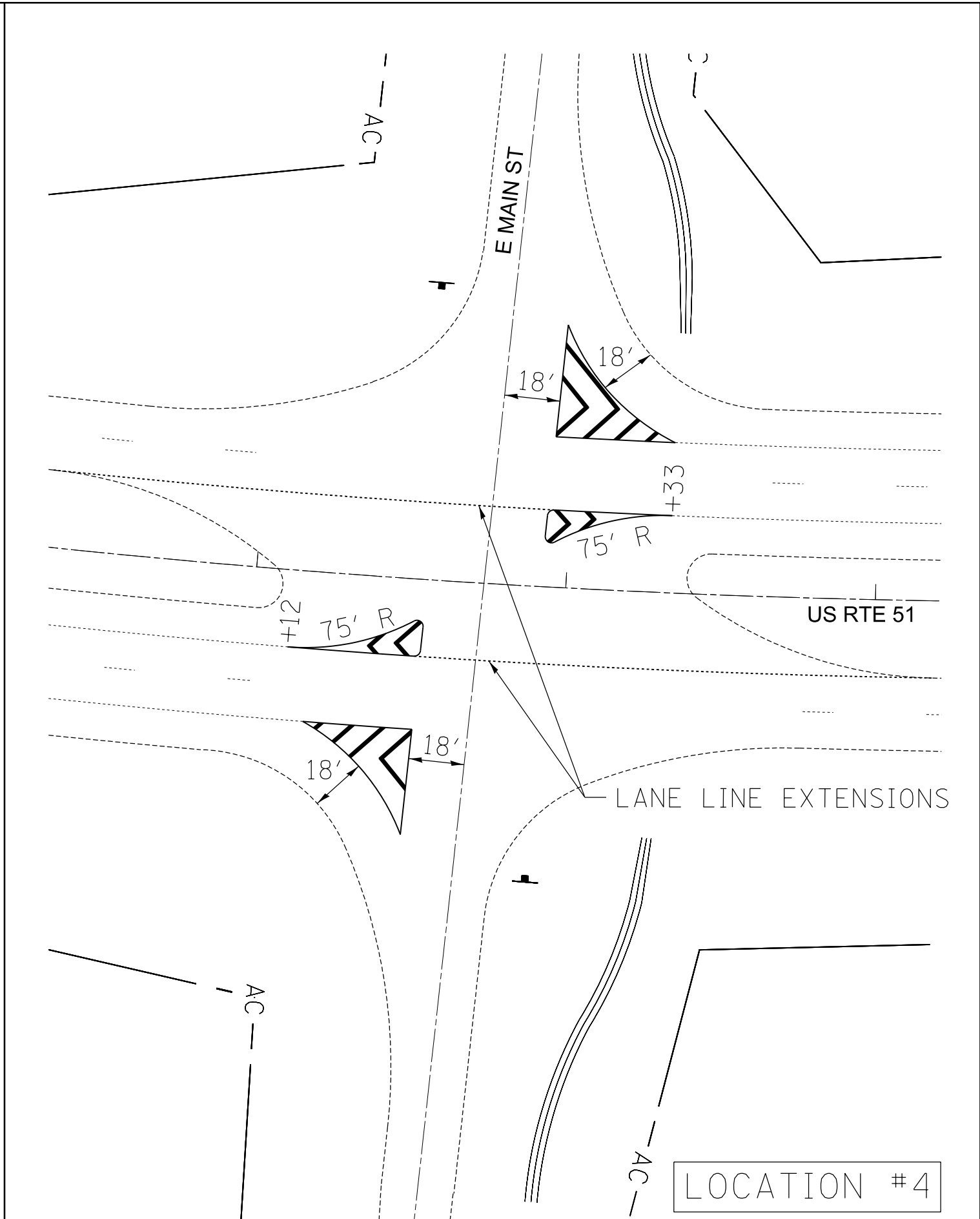
**STRIPING DETAILS-MOWEAQUA
2700 N / S MAIN ST**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	D7 SAFETY 2012-1		21	6
CONTRACT NO. 74568			ILLINOIS FED. AID PROJECT	



LOCATION #3



LOCATION #4

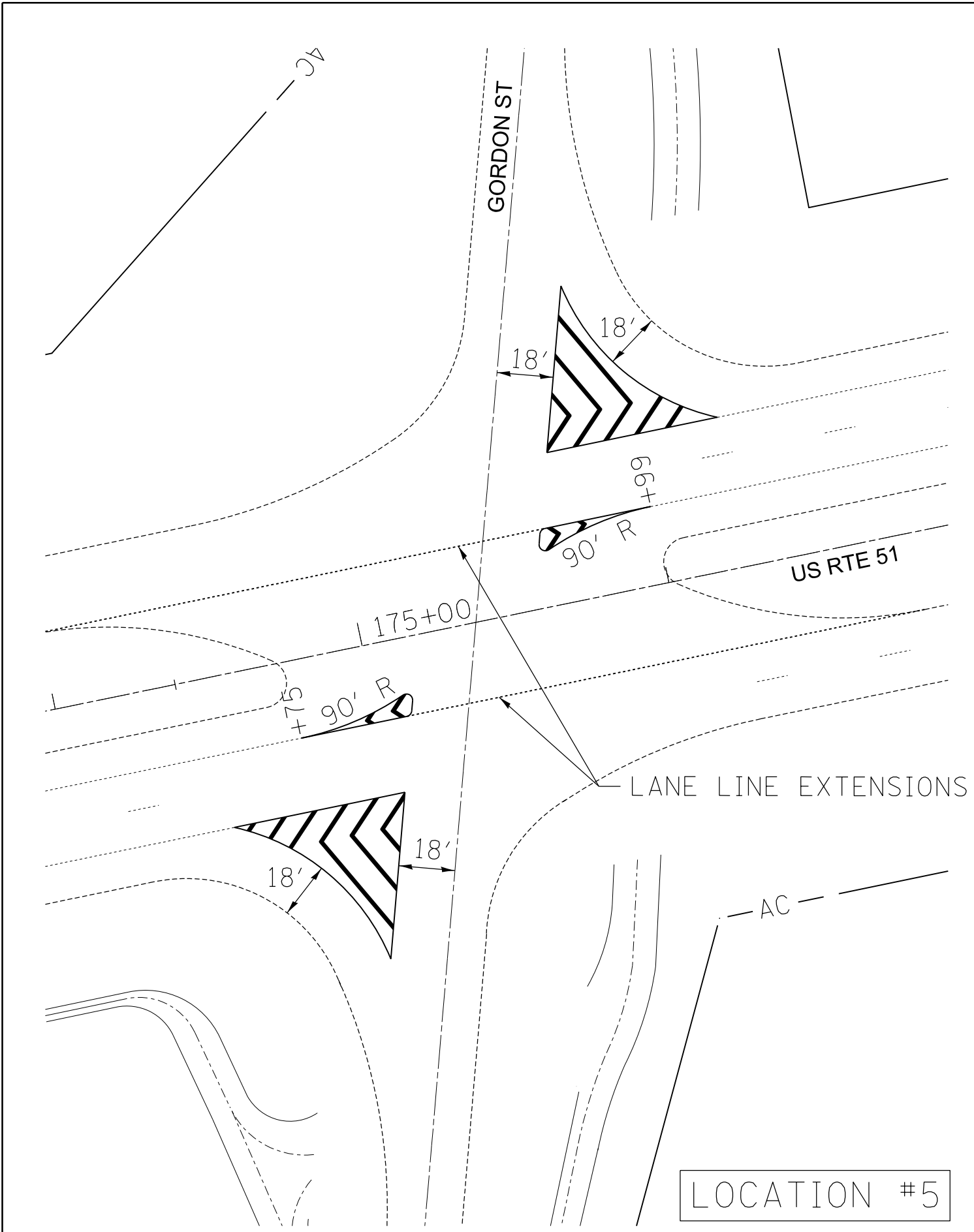
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

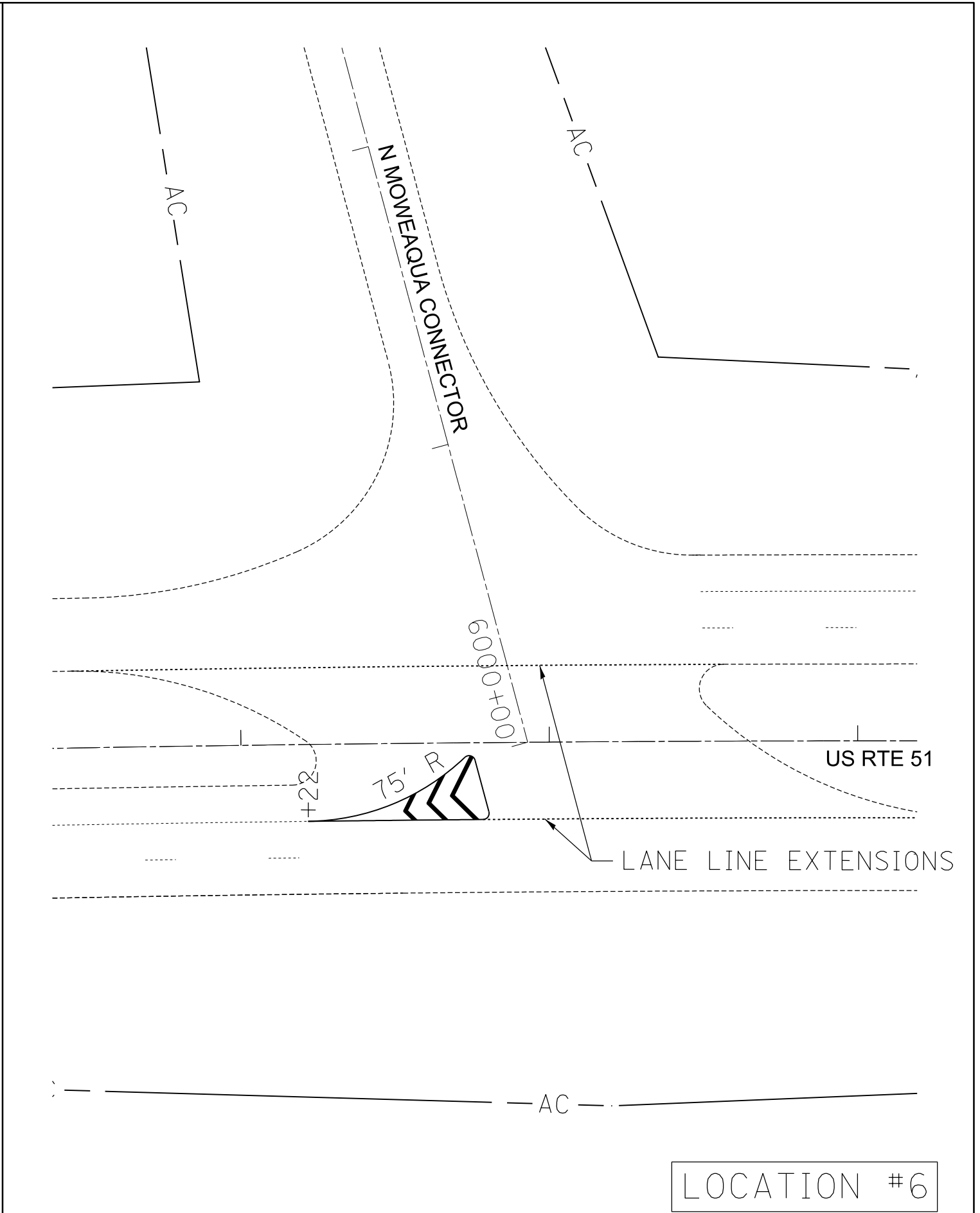
STRIPING DETAILS-MOWEAQUA
PUTNAM ST / E MAIN ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	D7 SAFETY 2012-1		21	7
CONTRACT NO. 74568			ILLINOIS FED. AID PROJECT	



LOCATION #5



LOCATION #6

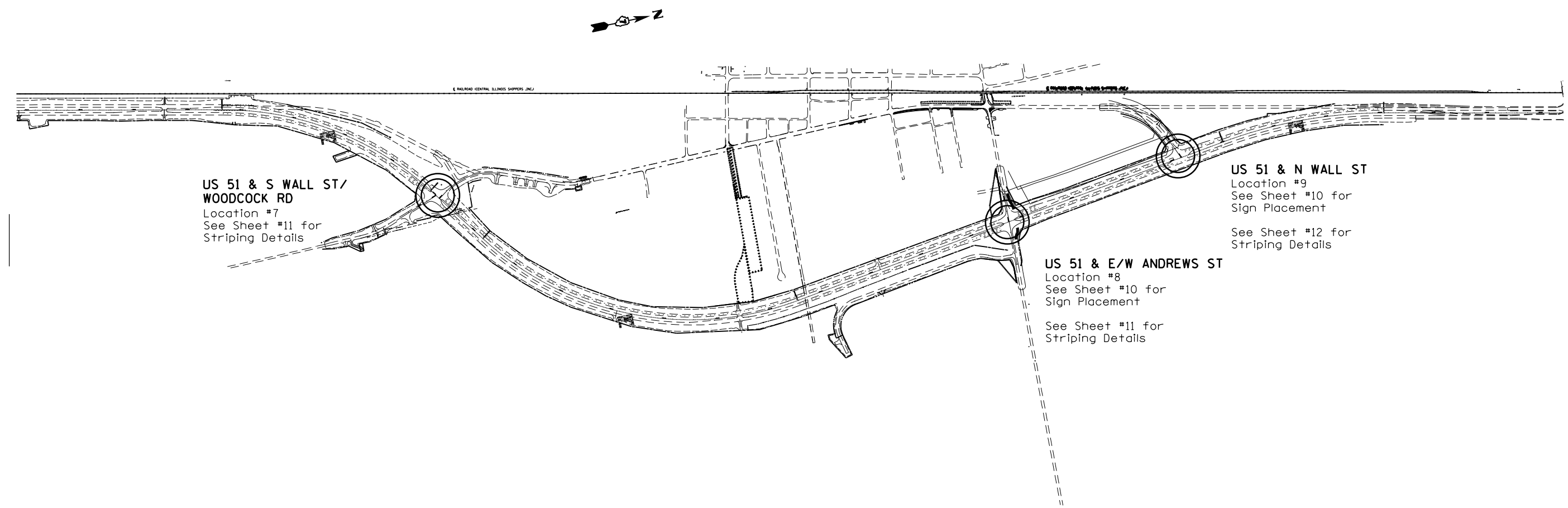
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	PLOT DATE = 2/16/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRIPING DETAILS-MOWEAQUA			
GORDON ST / N MOWEAQUA CONNECTOR			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	D7 SAFETY 2012-1		21	8
CONTRACT NO. 74568			ILLINOIS FED. AID PROJECT	

City of Macon



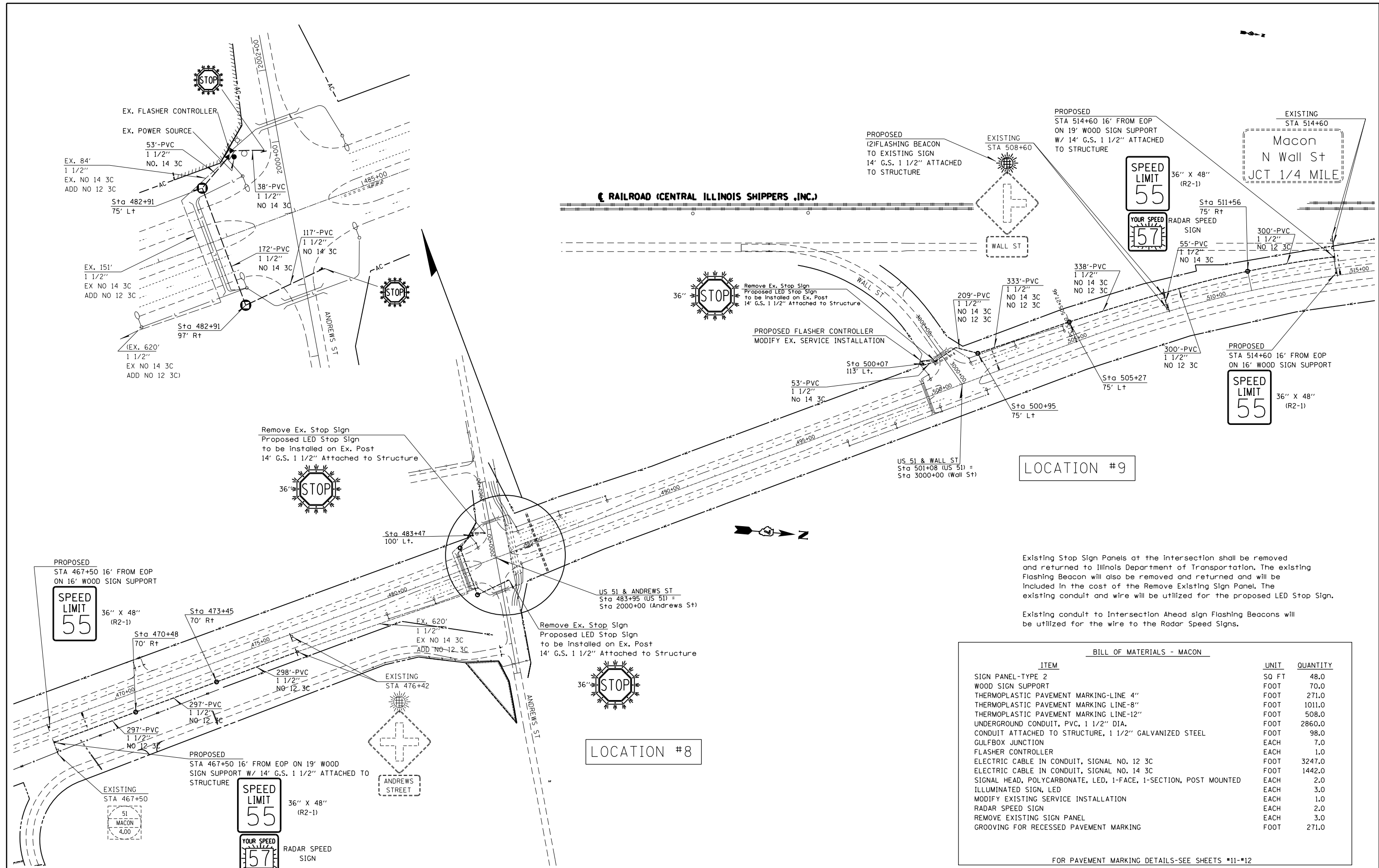
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	PLOT DATE = 2/16/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERALL LAYOUT
CITY OF MACON**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	D7 SAFETY 2012-1	•	21	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74568	



LOCATION #9

LOCATION #8

Existing Stop Sign Panels at the intersection shall be removed and returned to Illinois Department of Transportation. The existing Flashing Beacon will also be removed and returned and will be included in the cost of the Remove Existing Sign Panel. The existing conduit and wire will be utilized for the proposed LED Stop Sign.

Existing conduit to Intersection Ahead sign Flashing Beacons will be utilized for the wire to the Radar Speed Signs.

BILL OF MATERIALS - MACON			
ITEM	UNIT	QUANTITY	
SIGN PANEL-TYPE 2	50 FT	48.0	
WOOD SIGN SUPPORT	FOOT	70.0	
THERMOPLASTIC PAVEMENT MARKING-LINE 4"	FOOT	271.0	
THERMOPLASTIC PAVEMENT MARKING LINE-8"	FOOT	1011.0	
THERMOPLASTIC PAVEMENT MARKING LINE-12"	FOOT	508.0	
UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	2860.0	
CONDUIT ATTACHED TO STRUCTURE, 1 1/2" GALVANIZED STEEL	FOOT	98.0	
GULFBOX JUNCTION	EACH	7.0	
FLASHER CONTROLLER	EACH	1.0	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 12 3C	FOOT	3247.0	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1442.0	
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED	EACH	2.0	
ILLUMINATED SIGN, LED	EACH	3.0	
MODIFY EXISTING SERVICE INSTALLATION	EACH	1.0	
RADAR SPEED SIGN	EACH	2.0	
REMOVE EXISTING SIGN PANEL	EACH	3.0	
GROOVING FOR RECESSED PAVEMENT MARKING	FOOT	271.0	

FOR PAVEMENT MARKING DETAILS-SEE SHEETS #11-12

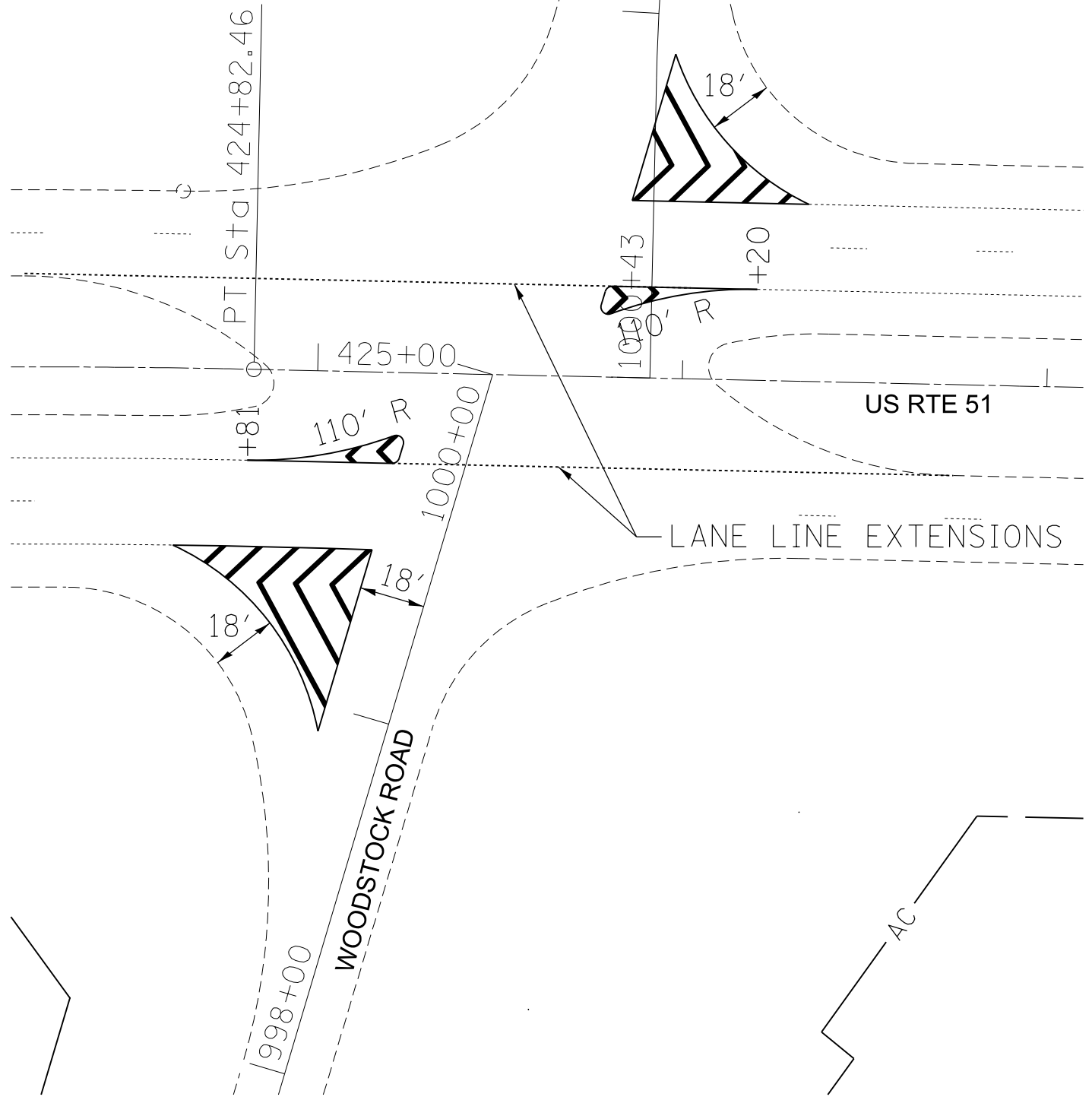
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

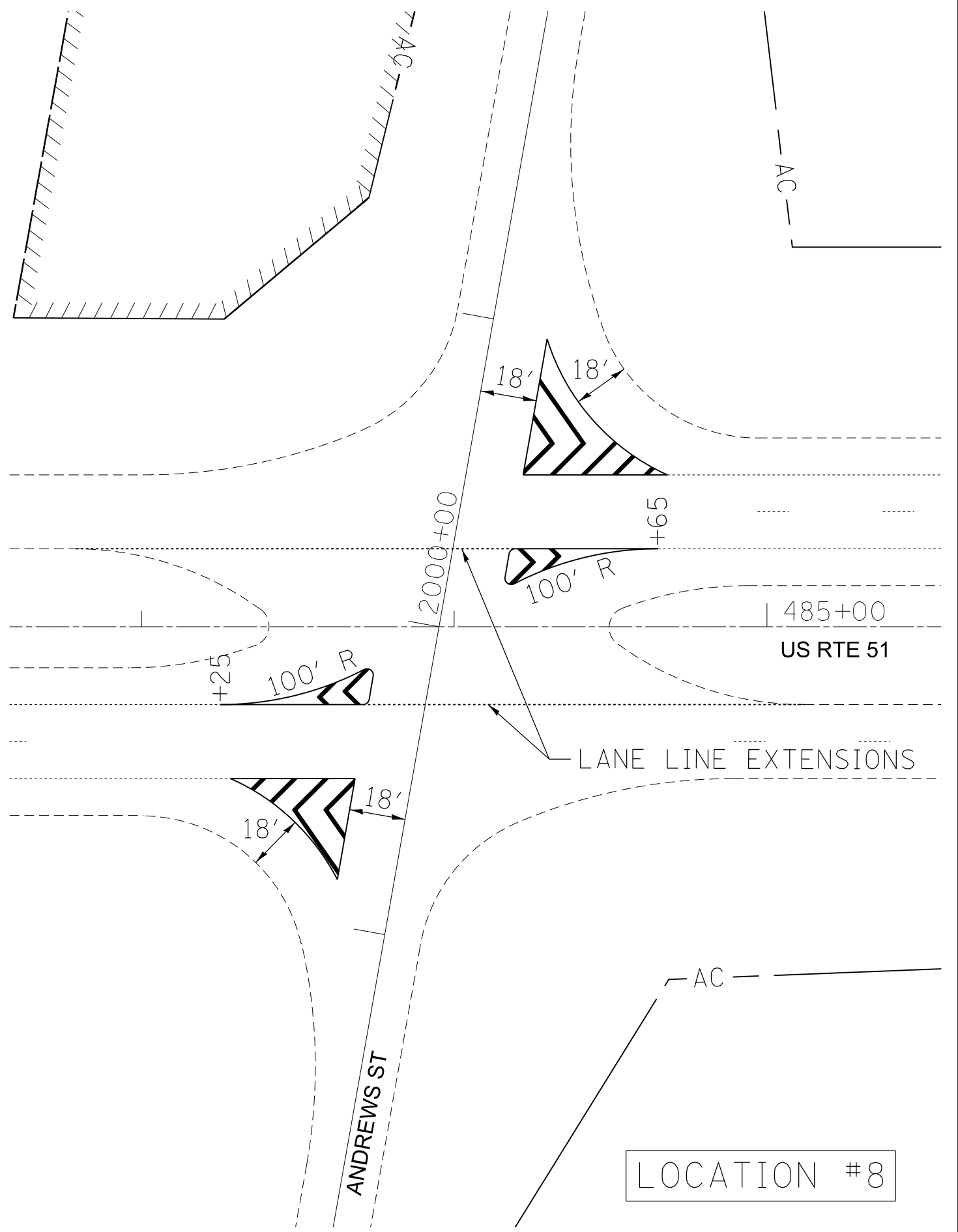
**LOCATION #8 & #9 INTERSECTIONS-ANDREWS & WALL
CITY OF MACON**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	D7 SAFETY 2012-1		21	10
CONTRACT NO. 74568			ILLINOIS FED. AID PROJECT	

LOCATION #7



LOCATION #8



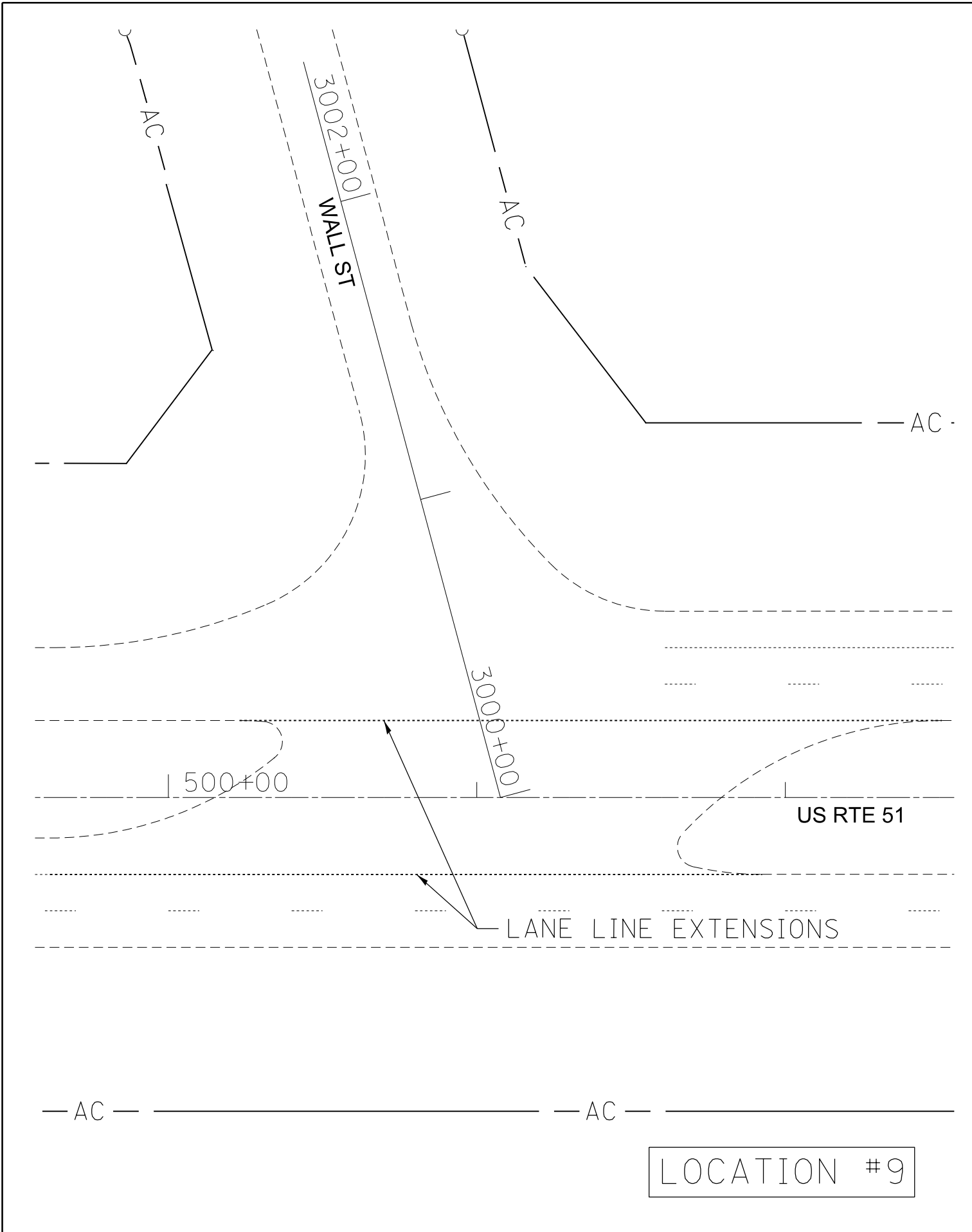
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	PLOT DATE = 2/16/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRIPING DETAILS
WOODSTOCK ROAD / ANDREWS ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	D7 SAFETY 2012-1		21	11
CONTRACT NO. 74568			ILLINOIS FED. AID PROJECT	

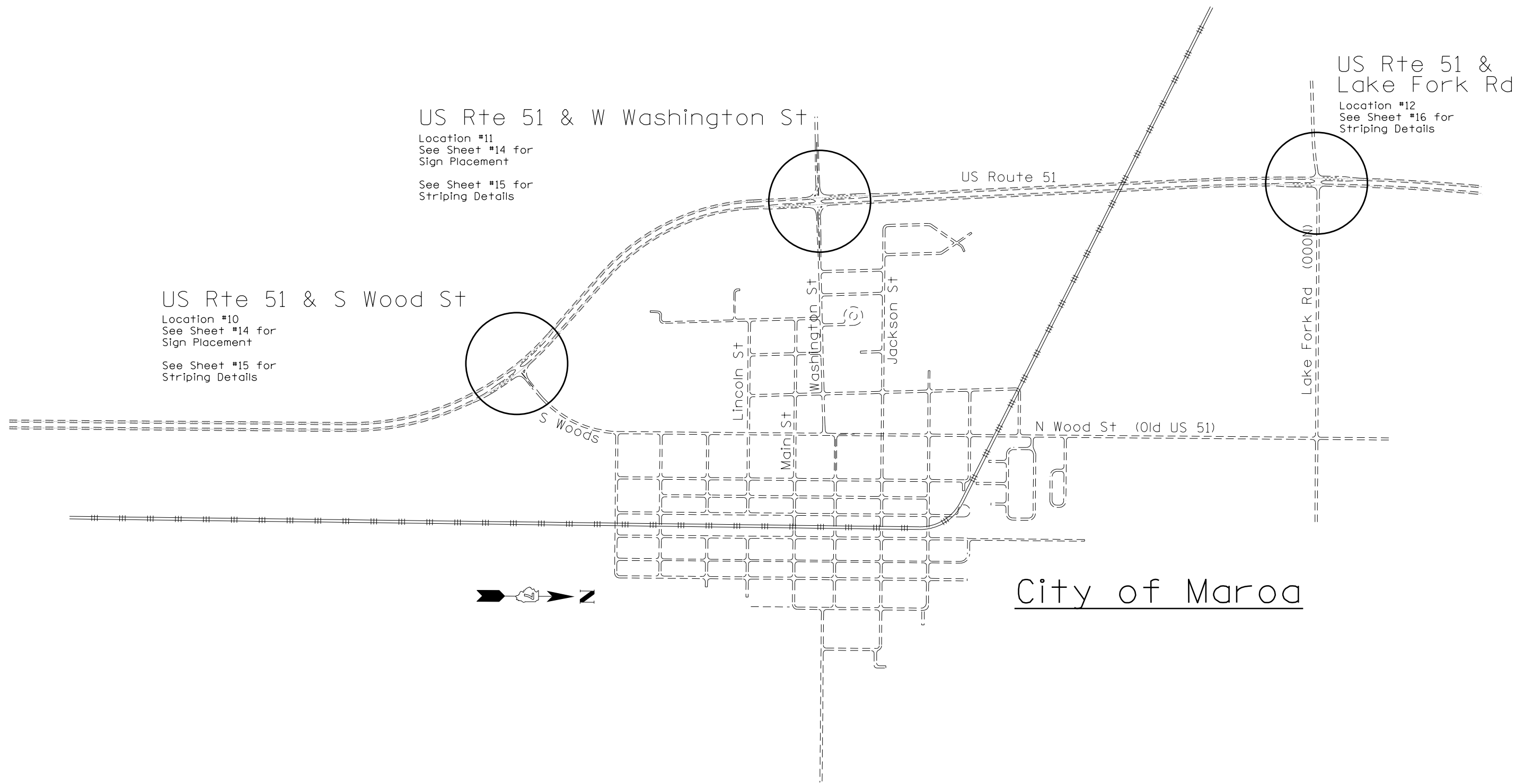


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	PLOT DATE = 2/16/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING DETAILS WALL ST			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	D7 SAFETY 2012-1	*	21	12
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74568	



US Rte 51 & W Washington St

Location #11
See Sheet #14 for
Sign Placement

See Sheet #15 for
Striping Details

US Rte 51 & S Wood St

Location #10
See Sheet #14 for
Sign Placement

See Sheet #15 for
Striping Details

US Rte 51 &
Lake Fork Rd

Location #12
See Sheet #16 for
Striping Details

City of Maroa



FILE NAME =	USER NAME = maclellanla	DESIGNED -	REVISED -
e:\pwork\pwork\maclellanla\0296830\	774568-sht-striping-plan.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/16/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERALL LAYOUT
CITY OF MAROA

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	D7 SAFETY 2012-1	•	21	13
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74568	

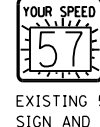
ITEM	BILL OF MATERIALS - MAROA	UNIT	QUANTITY
CONCRETE MEDIAN SURFACE, 4 INCH		SO FT	310.
SIGN PANEL-TYPE 2		SO FT	96.0
WOOD SIGN SUPPORT		FOOT	124.0
THERMOPLASTIC PAVEMENT MARKING-LINE 4"		FOOT	185.0
THERMOPLASTIC PAVEMENT MARKING LINE-8"		FOOT	1110.0
THERMOPLASTIC PAVEMENT MARKING LINE-12"		FOOT	467.0
UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.		FOOT	3895.0
CONDUIT ATTACHED TO STRUCTURE, 1 1/2" GALVANIZED STEEL		FOOT	84.0
GULFBOX JUNCTION		EACH	14.0
FLASHER CONTROLLER		EACH	2.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 12 3C		FOOT	6532.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C		FOOT	700.0
ILLUMINATED SIGN, LED		EACH	3.0
MODIFY EXISTING SERVICE INSTALLATION		EACH	2.0
RADAR SPEED SIGN		EACH	4.0
CONCRETE MEDIAN REMOVAL		SO FT	310.0
REMOVE EXISTING SIGN PANEL		EACH	4.0
REMOVE EXISTING SIGN SUPPORT		EACH	2.0
GROOVING FOR RECESSED PAVEMENT MARKING		FOOT	185.0

FOR PAVEMENT MARKING DETAILS-SEE SHEETS #15-#16

Existing Stop Sign Panels at the intersection shall be removed and returned to Illinois Department of Transportation. The existing Flashing Beacon will also be removed and returned and will be included in the cost of the Remove Existing Sign Panel. The existing conduit and wire will be utilized for the proposed LED Stop Sign.

Existing conduit to Intersection Ahead sign Flashing Beacons will be utilized for the wire to the Radar Speed Signs.

PROPOSED
STA 214+05 16' FROM EOP
ON 19' WOOD SIGN SUPPORT W/
14' G.S. 1 1/2" ATTACHED TO
STRUCTURE



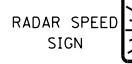
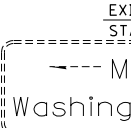
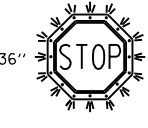
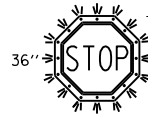
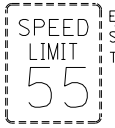
EXISTING 55 MPH
SIGN AND EXISTING
POST TO BE REMOVED

LOCATION #10

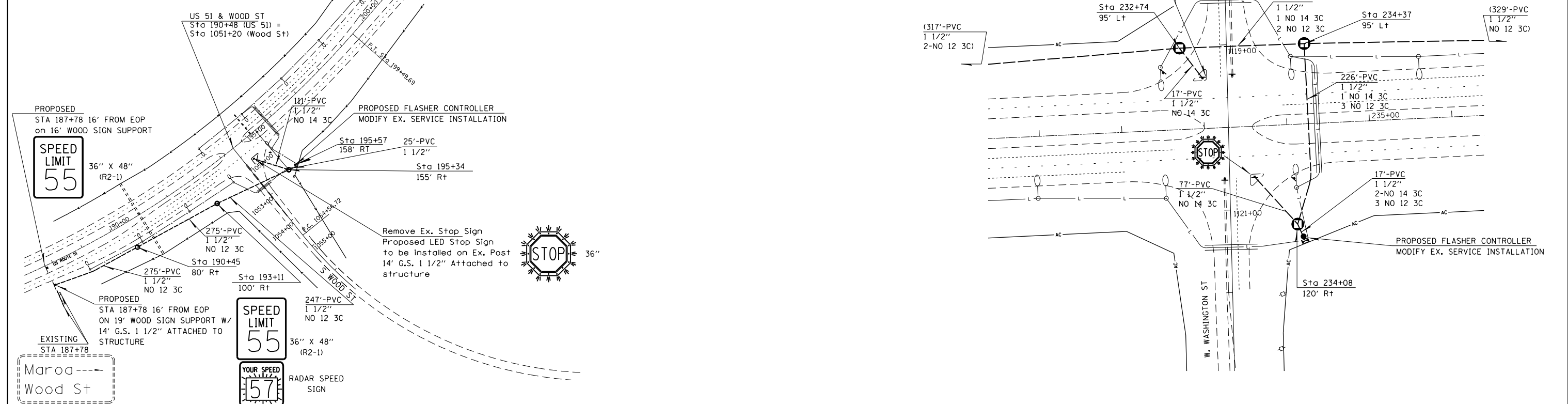


Remove Ex. Stop Sign
Proposed LED Stop Sign
to be installed on Ex. Post
14' G.S. 1 1/2" Attached to
structure

Maroa
Wood St



LOCATION #11



FILE NAME =	USER NAME = maclellanla	DESIGNED -	REVISED -
ca:\pwork\p1dot\maclellanla\0296830\774568-sht-elec-plan.dgn		DRAWN -	REVISED -
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	PLOT DATE = 2/16/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

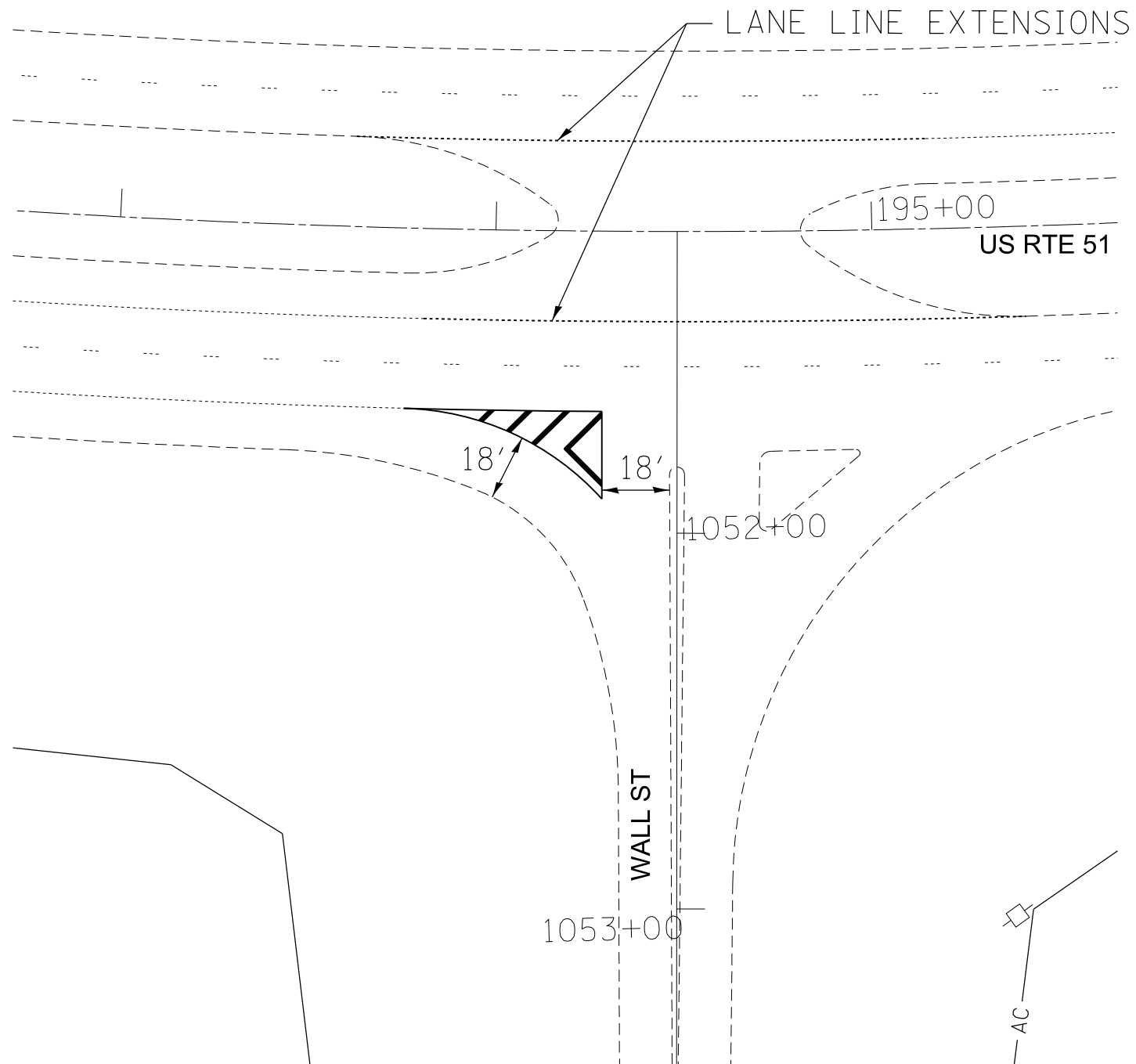
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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CITY OF MAROA

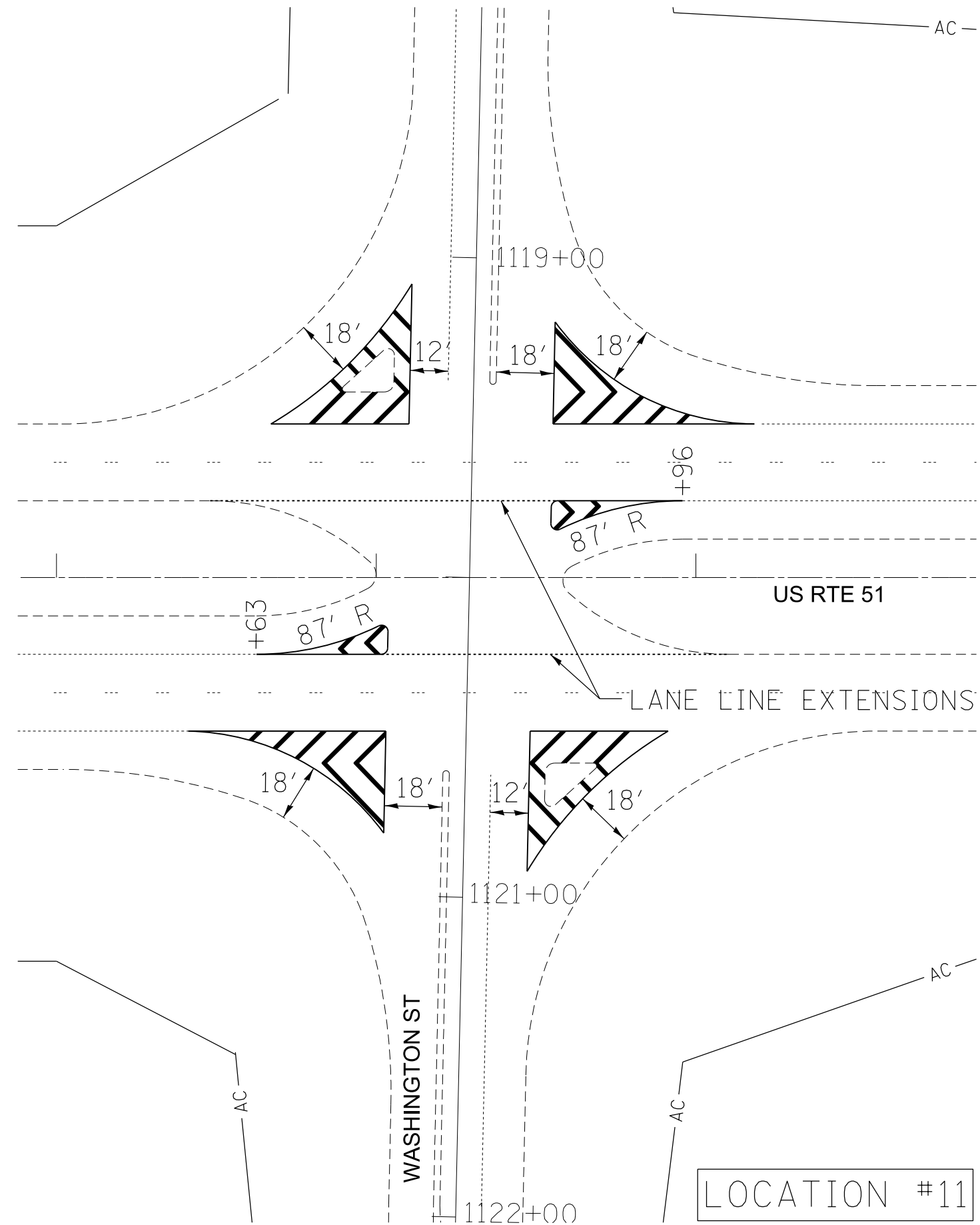
F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	D7 SAFETY 2012-1		21	14
CONTRACT NO. 74568			ILLINOIS FED. AID PROJECT	

LOCATION #10

AC ————— AC ————— AC ————— A



AC —



LOCATION #11

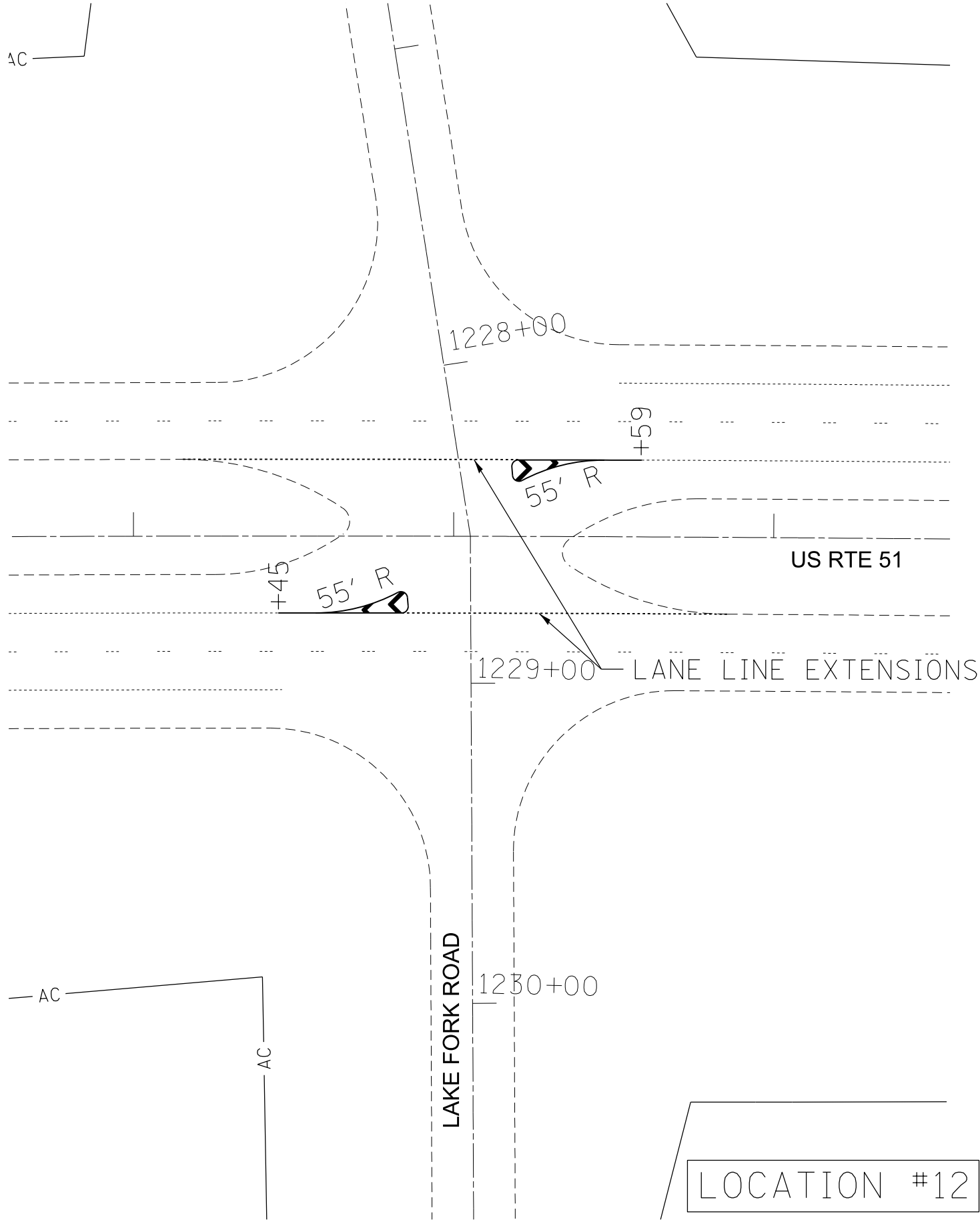
FILE NAME =	USER NAME = mcellellanle	DESIGNED -	REVISED -
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/16/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRIPING DETAILS—MAROA
WOOD ST / WASHINGTON ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	D7 SAFETY 2012-1		21	15
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74568	



LOCATION #12

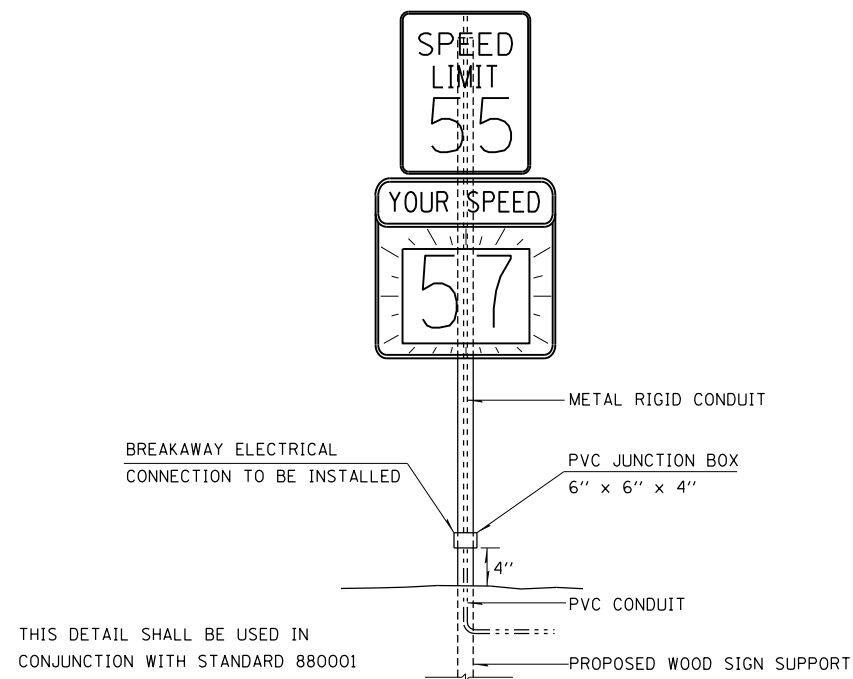
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/16/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRIPING DETAILS
LAKE FORK ROAD-MAROA

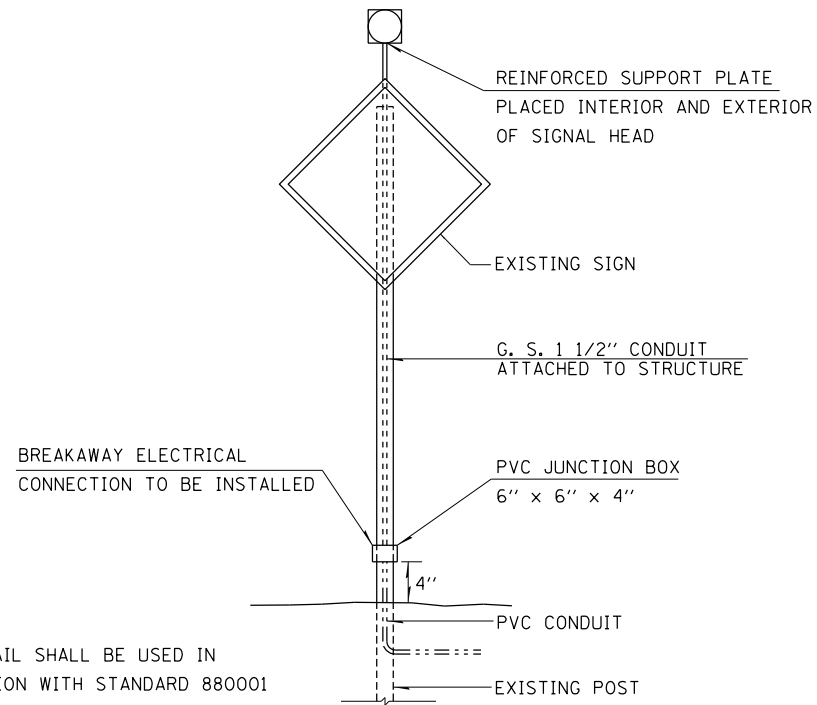
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	D7 SAFETY 2012-1	*	21	16
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74568	



POST MOUNTED RADAR SPEED SIGN

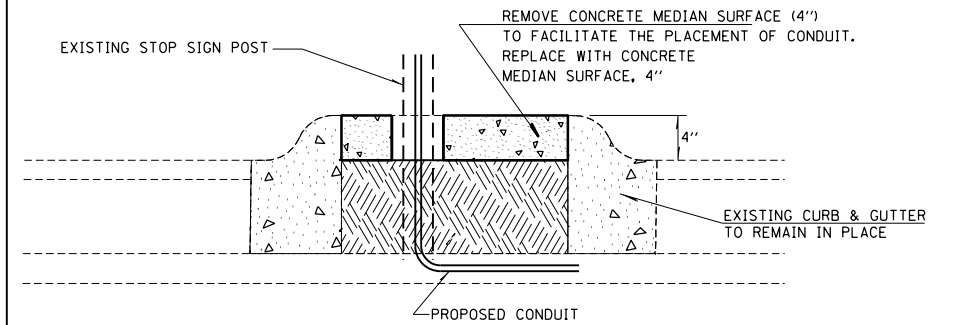
THIS DETAIL SHALL BE USED IN CONJUNCTION WITH STANDARD 880001



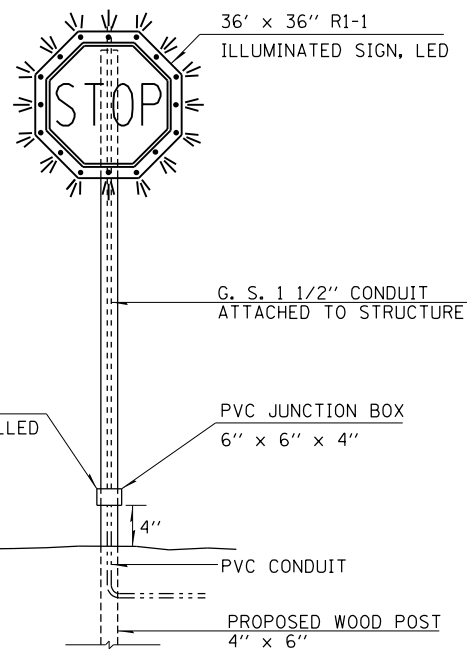
POST MOUNTED FLASHING BEACON

THIS DETAIL SHALL BE USED IN CONJUNCTION WITH STANDARD 880001

WALL STREET INTERSECTION IN MACON

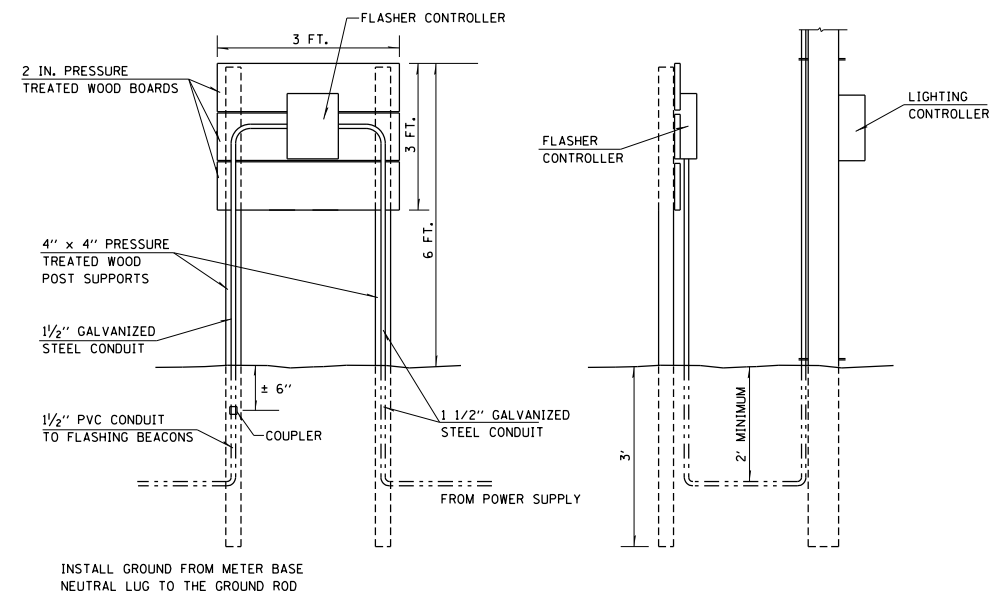


CONCRETE MEDIAN SURFACE, 4 INCH DETAIL



POST MOUNTED ILLUMINATED SIGN, LED

THIS DETAIL SHALL BE USED IN CONJUNCTION WITH STANDARD 880001



THIS DETAIL SHALL BE USED IN CONJUNCTION WITH STANDARD 805001

ELECTRIC SERVICE INSTALLATION, SPECIAL

LOCATION #9-WALL STREET INTERSECTION IN MACON
 LOCATION #10-WOOD STREET INTERSECTION IN MAROA
 LOCATION #11- WASHINGTON STREET IN MAROA

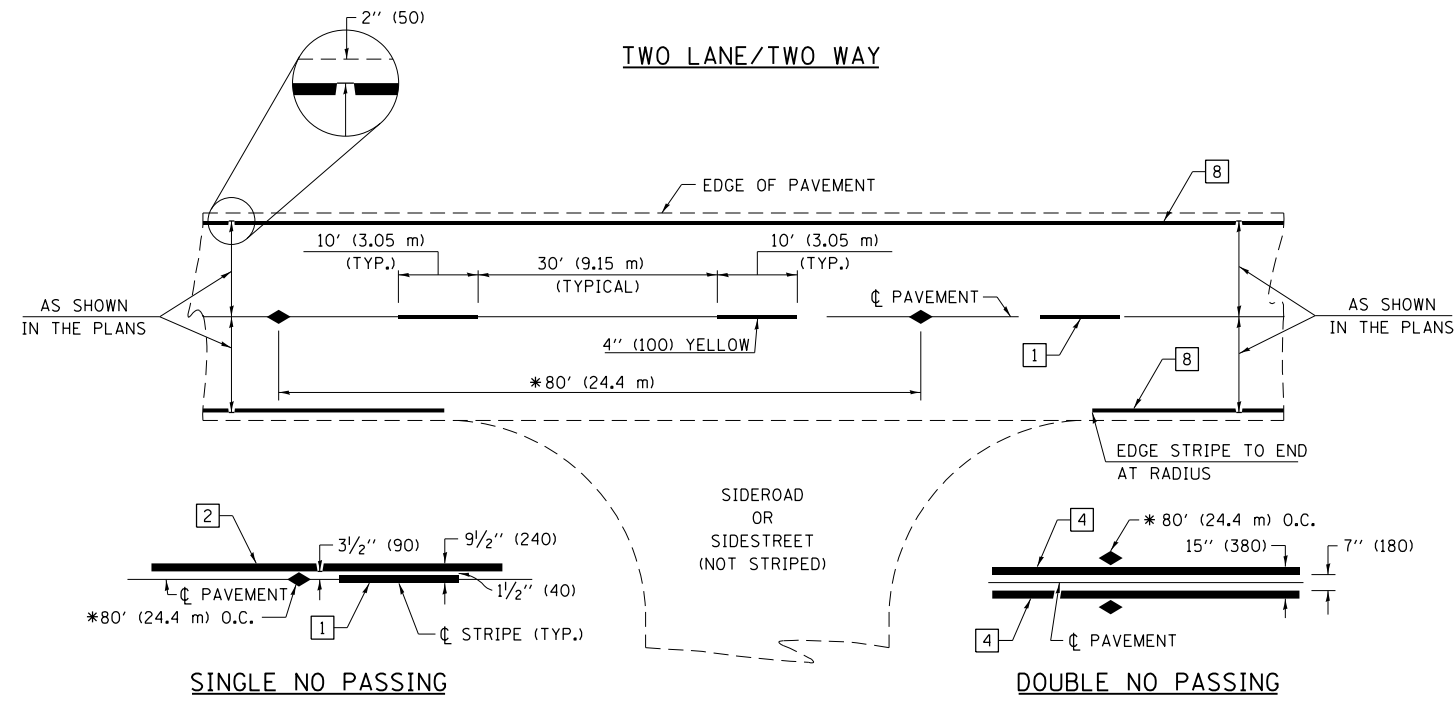
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/16/2012	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

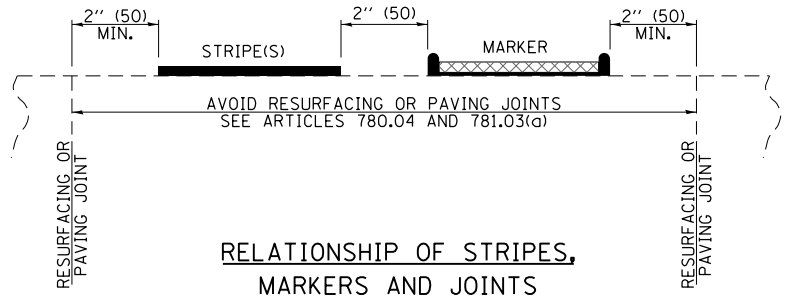
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	D7 SAFETY 2012-1		21	17
CONTRACT NO. 74568			ILLINOIS FED. AID PROJECT	



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

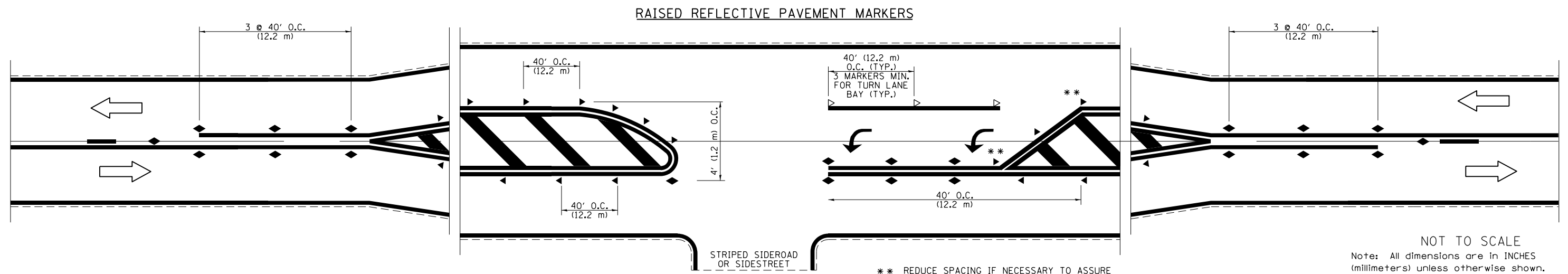
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE



TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

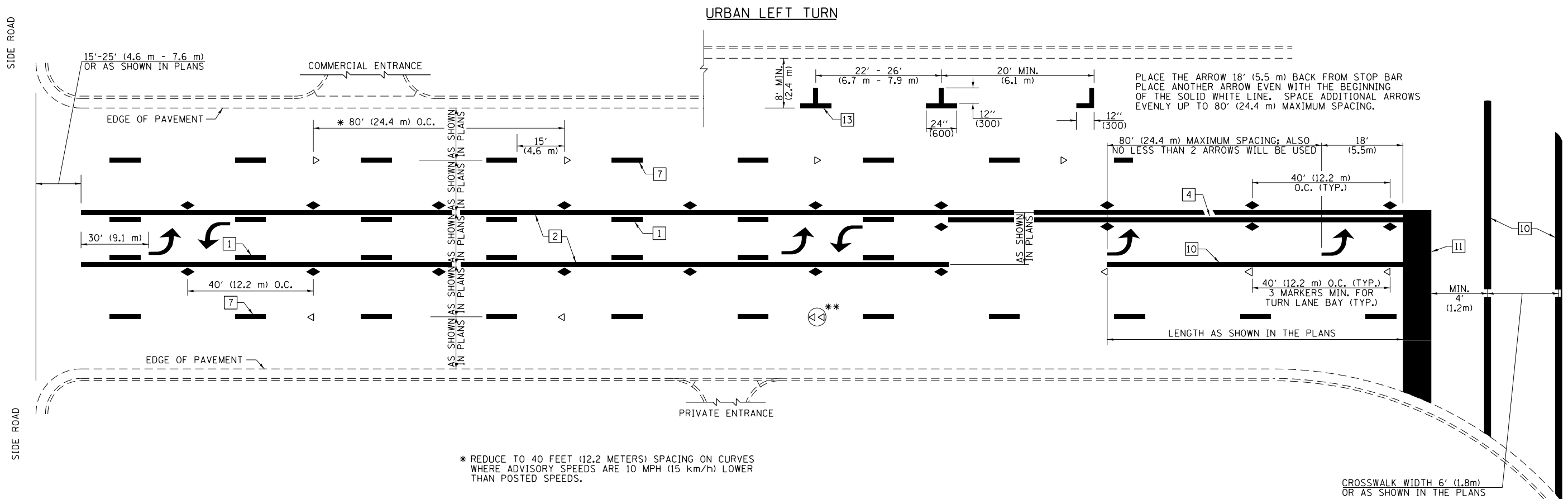


** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = maclellanla	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\wdot\maclellanla\d0296830\774568-sht-pvt\details.dgn	774568-sht-pvt\details.dgn	DRAWN -	REVISED -				322	D7 SAFETY 2012-1	.	21	18
	PLOT SCALE = 2.0000" / in.	CHECKED -	REVISED -				CONTRACT NO. 74568				
	PLOT DATE = 2/16/2012	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET NO. 1 OF 4 SHEETS	STA.	TO STA.		• Macon, Shelby	



PLACE THE ARROW 18' (5.5 m) BACK FROM STOP BAR
 PLACE ANOTHER ARROW EVEN WITH THE BEGINNING
 OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS
 EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING.

* REDUCE TO 40 FEET (12.2 METERS) SPACING ON CURVES
 WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER
 THAN POSTED SPEEDS.

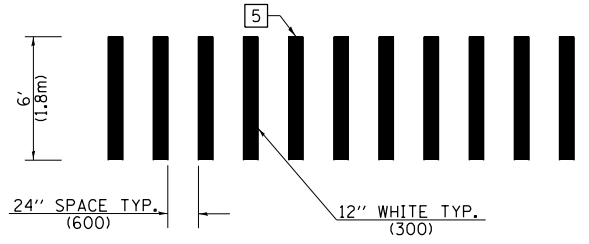
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED
 AND SPACED AS SHOWN IN HIGHWAY STANDARD
 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED
 HIGHWAYS.

PAVEMENT MARKING LEGEND

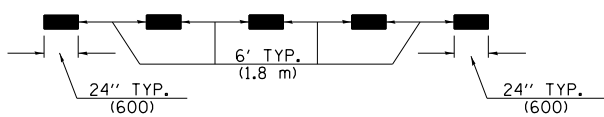
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

GENERAL NOTES

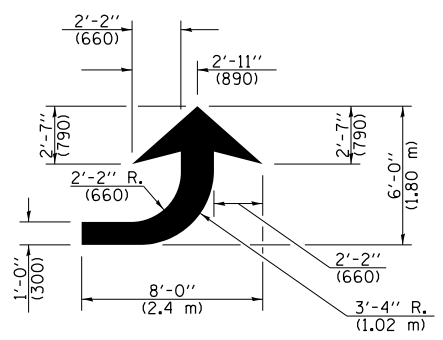
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
3. THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER.
4. USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)
5. LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.



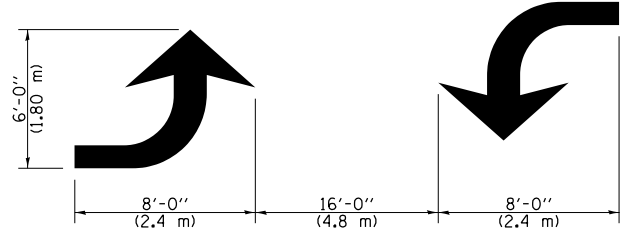
**CROSSWALK DETAIL
 (DECATUR CITY LIMITS ONLY)**



LANE LINE EXTENSIONS



LEFT ARROW
 REVERSE FOR RIGHT ARROW
 AREA = 15.6 SQ. FT. (1.47 m²)
 (WHITE)



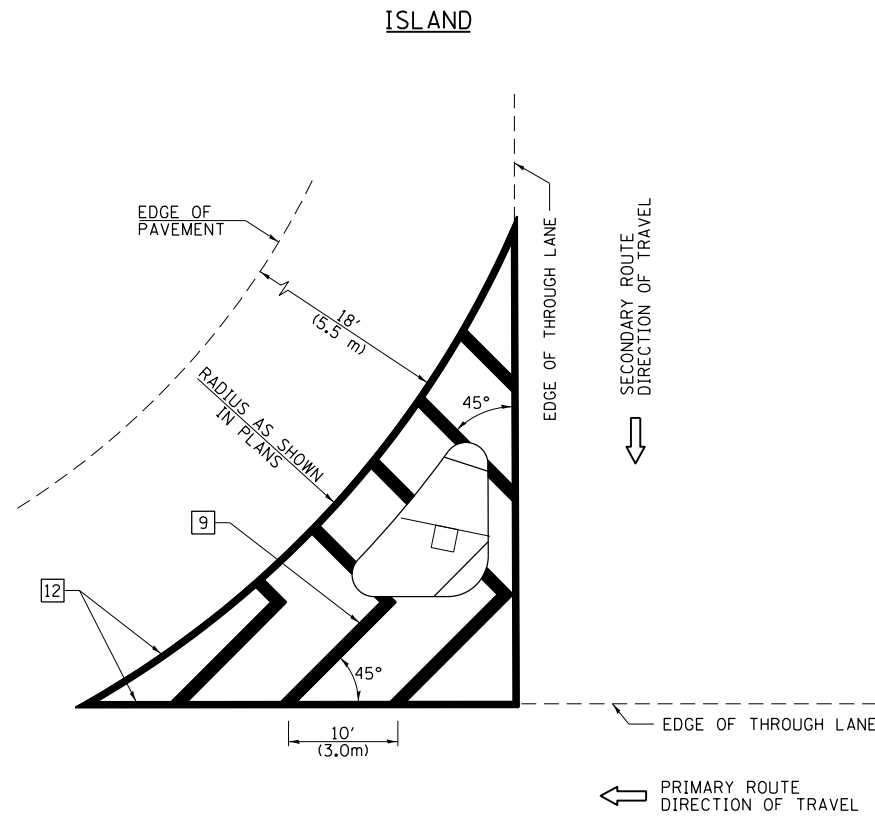
**TYPICAL DOUBLE
 TURN ARROWS (WHITE)**

NOT TO SCALE

Note: All dimensions are in INCHES
 (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 78000001

FILE NAME =	USER NAME = maclellanla	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pw\work\p\midot\maclellanla\0296830\774568-sht-pvt\details.dgn	774568-sht-pvt\details.dgn	DRAWN -	REVISED -			322	D7 SAFETY 2012-1		21	19
PLOT SCALE = 2.0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 74568				
PLOT DATE = 2/16/2012		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

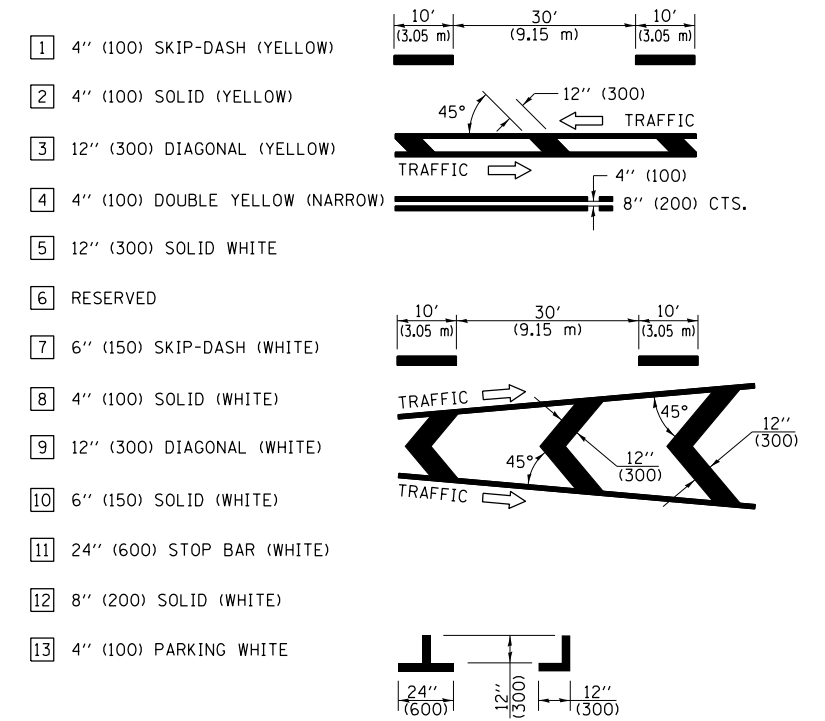


GENERAL NOTES

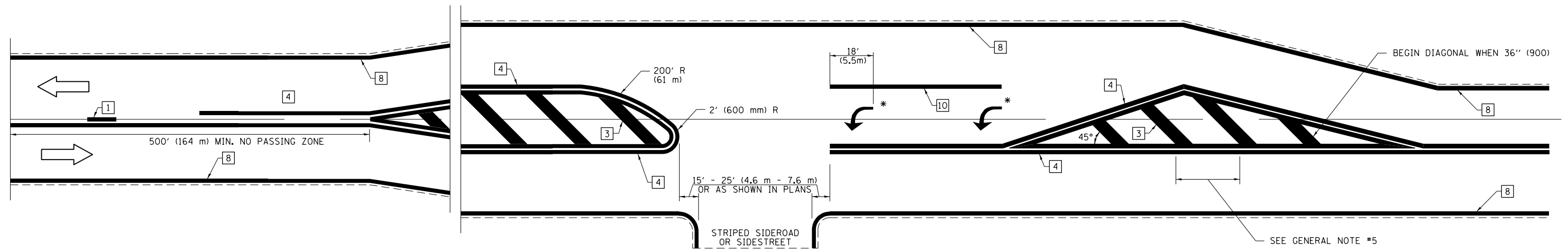
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
5. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING:

< 30 MPH (< 50 km/h)	15' (4.5 m)
30-45 MPH (50-75 km/h)	20' (6.0 m)
> 45 MPH (> 75 km/h)	30' (9.0 m)

PAVEMENT MARKING LEGEND



RURAL LEFT TURN STRIPING



* PLACE AN ARROW 18' (5.5 m) BACK FROM STOP BAR. PLACE ANOTHER ARROW EVEN WITH THE BEGINNING OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING. USE MINIMUM OF 2 ARROWS.

NOT TO SCALE
 Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = maclellanla	DESIGNED -	REVISED -
et:\pwork\pwork\maclellanla\0296830\774568-sht-pvt\details.dgn	774568-sht-pvt\details.dgn	DRAWN -	REVISED -
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	PLOT DATE = 2/16/2012	DATE -	REVISED -

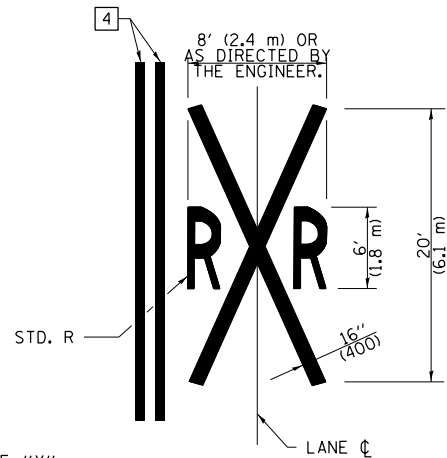
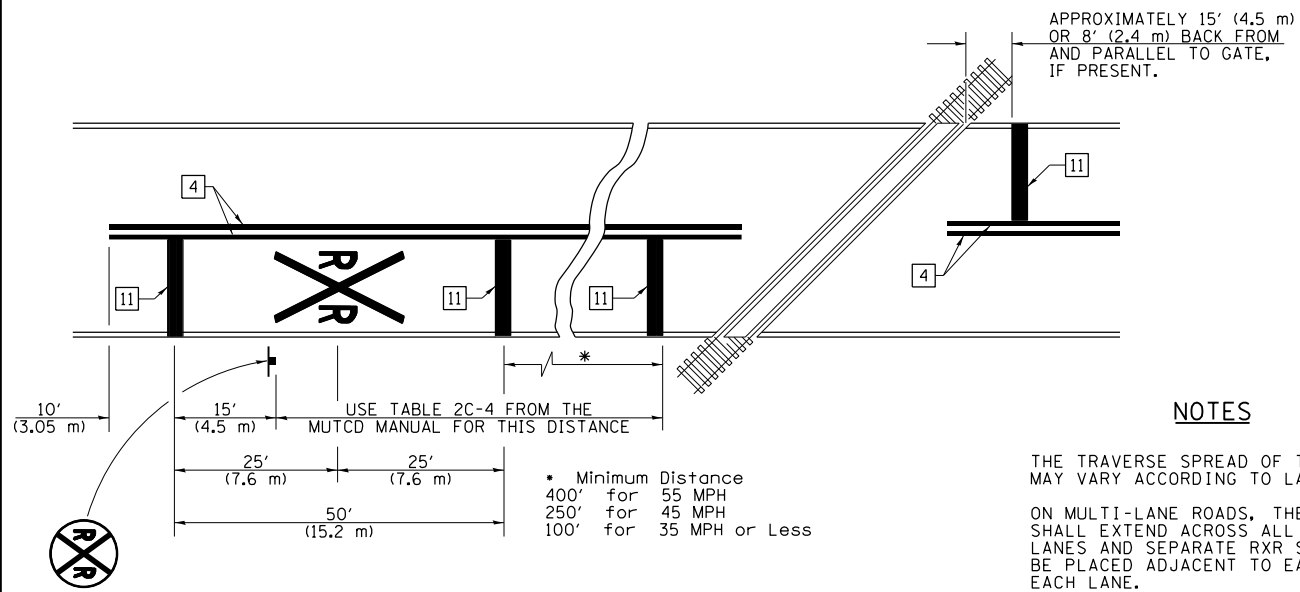
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
 (RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	D7 SAFETY 2012-1	*	21	20
CONTRACT NO. 74568			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

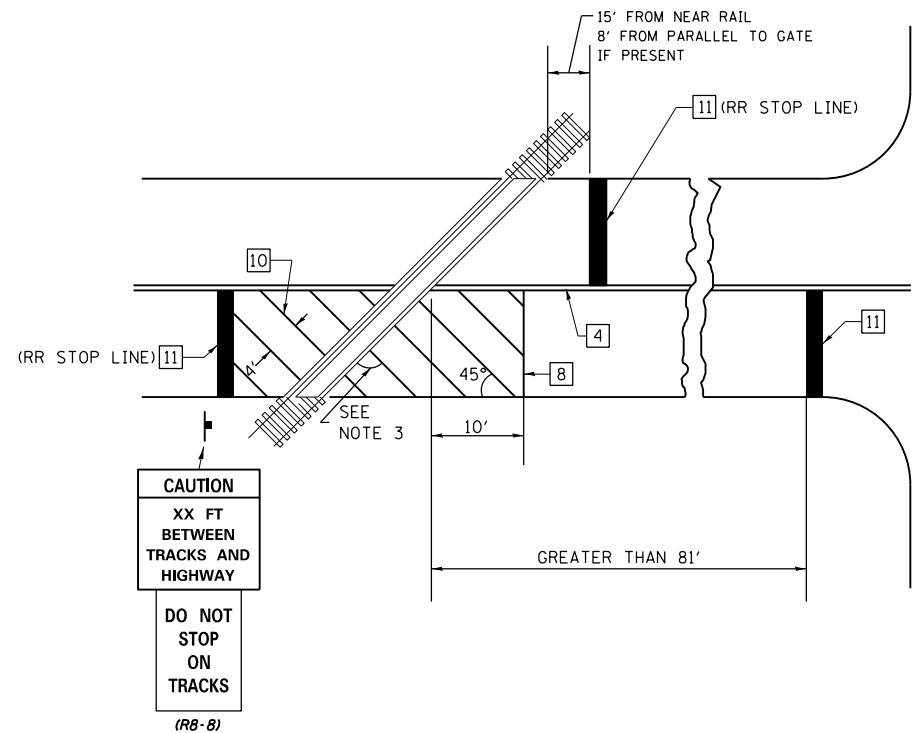
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

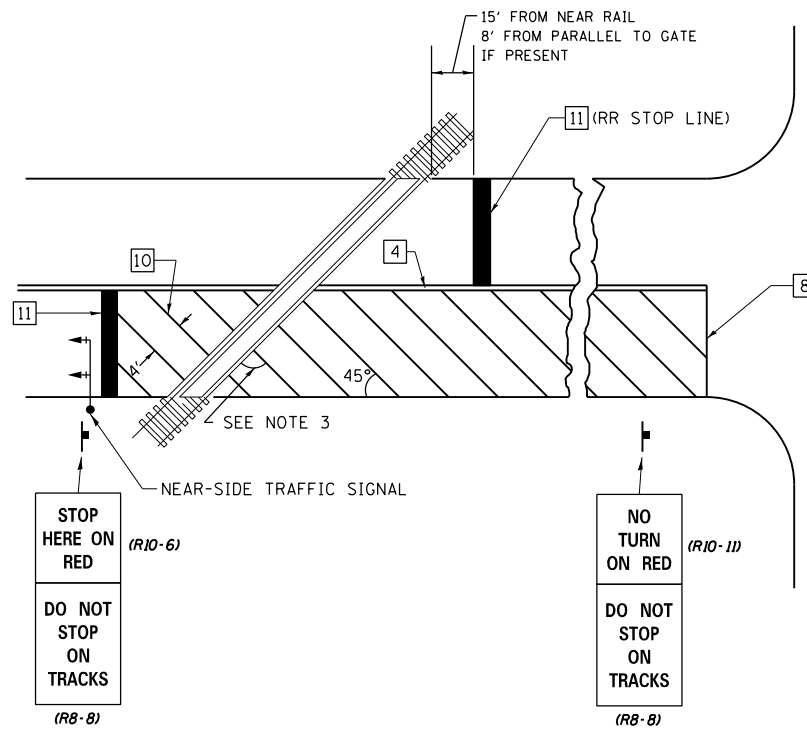
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
3. WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = maclellanla	DESIGNED -	REVISED -
et:\pw\work\p\idot\maclellanla\0296830\774568-sht-pvt\details.dgn	774568-sht-pvt\details.dgn	DRAWN -	REVISED -
	PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/16/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)

SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	D7 SAFETY 2012-1		21	21
CONTRACT NO. 74568			ILLINOIS FED. AID PROJECT	

• Macon, Shelby