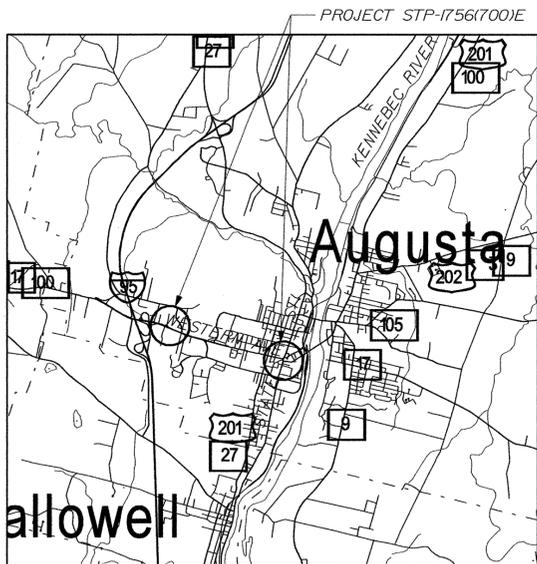


Date: 9/9/2009

Username: jason

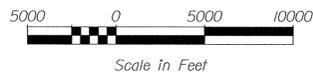
Division: HIGHWAY

Filename: ... \HIGHWAY\MSTAY001\_Title\_001.dgn



A PORTION OF KENNEBEC COUNTY

LOCATION MAP



# STATE OF MAINE DEPARTMENT OF TRANSPORTATION



## AUGUSTA

### KENNEBEC

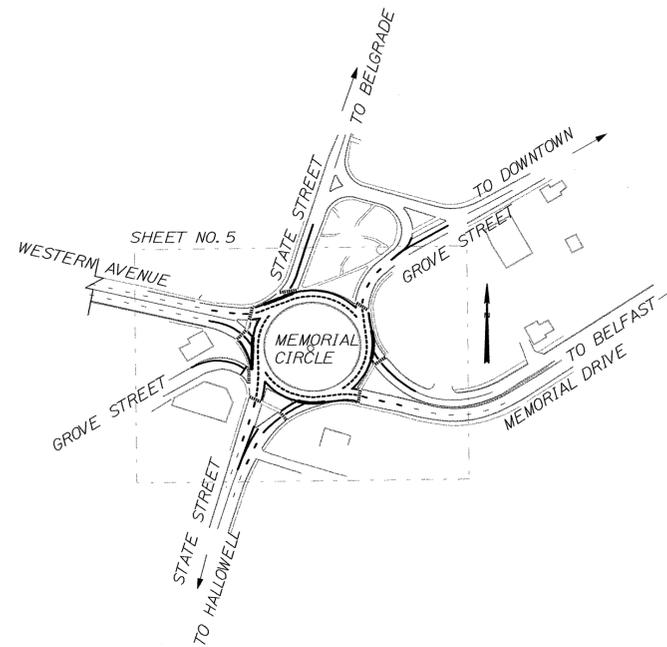
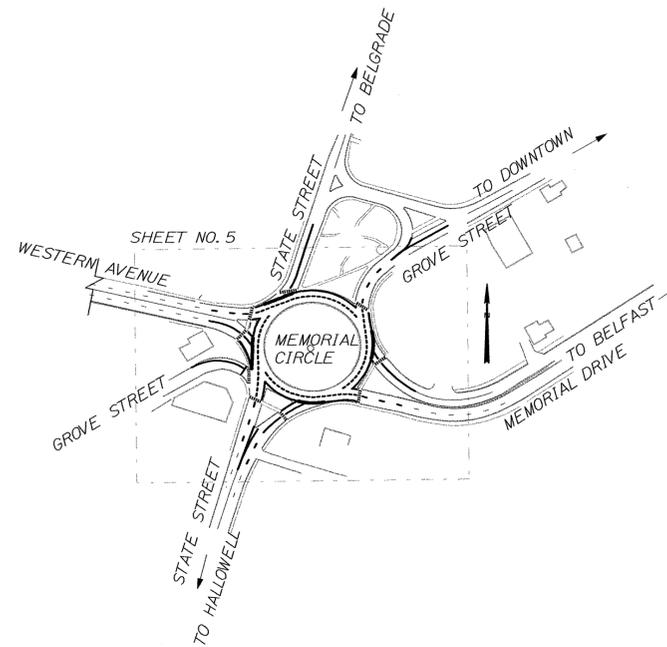
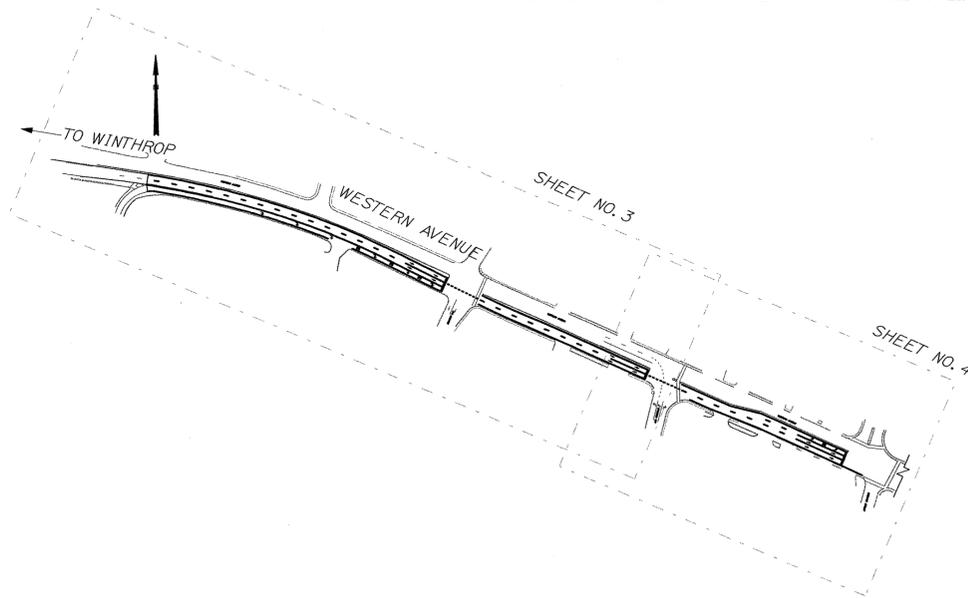
MEMORIAL CIRCLE & WESTERN AVENUE

### STP-1756(700)E

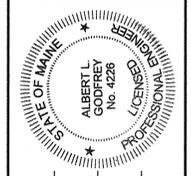
PROJECT LENGTH: 0.000 MILES  
SIGNING AND PAVEMENT MARKINGS



INDEX OF SHEETS	
Description	Sheet No.
Title Sheet	1
Estimated Quantities / General Notes	2
Plan	3-5
Signing / Marking Details	6



STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
	<i>[Signature]</i>	9/15/09
	COMMISSIONER: <i>[Signature]</i>	9/15/09
	ATTORNEY ENGINEER: <i>[Signature]</i>	9/15/2009



<i>[Signature]</i>	SIGNATURE
4226	P.E. NUMBER
SEPTEMBER 9, 2009	DATE

PROGRAM	TRAFFIC
PROJECT MANAGER	JIM MANSR
DESIGNER	A. GODFREY/AJ EASON
CONSULTANT	TERRA MAGNA SERVICES, INC.
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

STP-1756(700)E PIN 17567.00

AUGUSTA  
MEMORIAL CIRCLE  
TITLE SHEET

PROGRAM AREA: TRAFFIC  
SCOPE OF WORK: ADVANCE SIGNING AND  
PAVEMENT MARKING

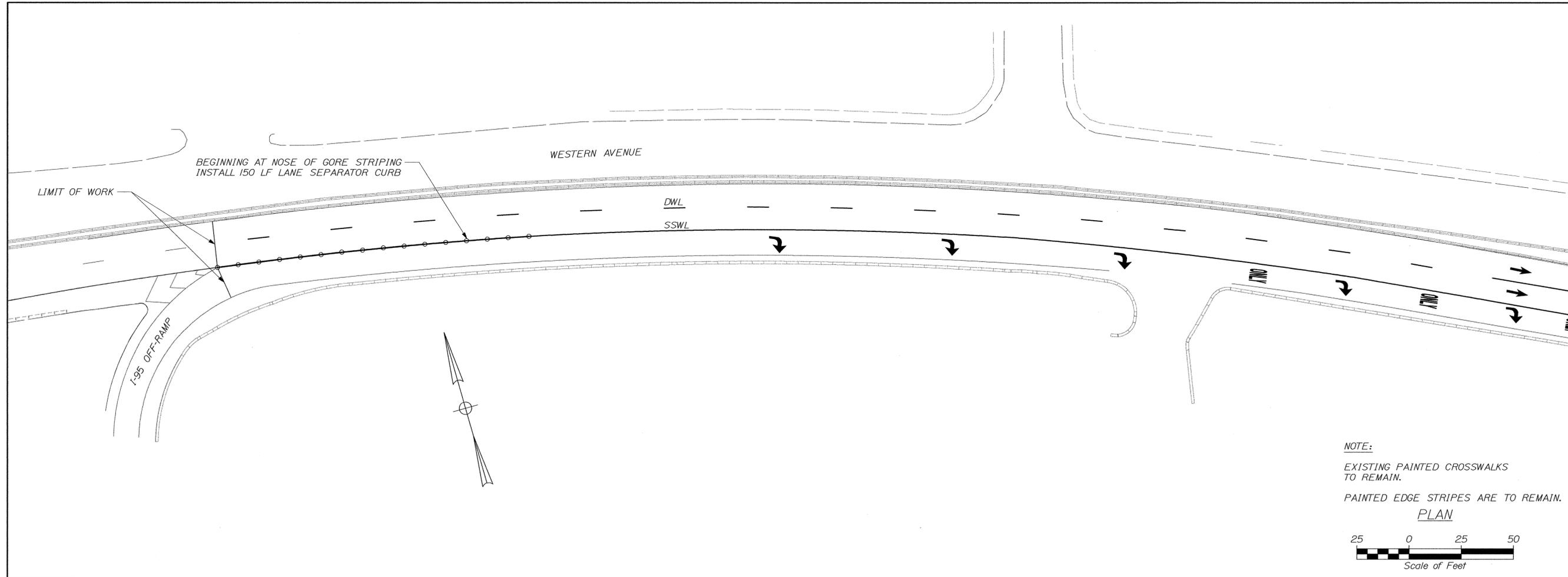
SHEET NUMBER  
**1**  
OF 6

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
609.312	SPECIAL CURB - HDPE TRAFFIC SEPARATOR CURB	150	LF
627.77	REMOVING PAVEMENT MARKINGS	1,630	SF
627.961	MMA PAVEMENT MARKINGS	3,800	SF
627.962	MMA PAVEMENT MARKINGS - RECESSED	20	SF
631.211	PAVEMENT SWEEPER (INCLUDING OPERATOR)	10	HR
645.106	DEMOUNT REG, WRN, CON, & RTE SIGN	5	EA
645.116	REINSTALL REG, WRN, CON, & RTE SIGN	2	EA
645.292	REG WARN CONF RTE SIGNS TYPE II	169	SF
652.34	CONE	50	EA
652.35	CONSTRUCTION SIGNS	910	SF
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	30	CD
652.38	FLAGGER	120	HR
652.381	TRAFFIC OFFICERS	100	HR
652.41	PORTABLE - CHANGE MESSAGE SIGN	4	EA
659.10	MOBILIZATION	1	LS

GENERAL NOTES

- THE UTILITIES LOCATED IN THE PROJECT AREA ARE AS FOLLOWS:  
CENTRAL MAINE POWER COMPANY  
NORTHERN NEW ENGLAND TELEPHONE OPERATIONS, LLC (FAIR POINT)  
TIM WARNER  
CITY OF AUGUSTA  
GREATER AUGUSTA UTILITY DISTRICT (SEWER/WATER)
- MAINEDOT WILL BE RESPONSIBLE FOR DETERMINING LOCATIONS FOR INSTALLATION OF PROPOSED NEW SIGNAGE AND FOR COORDINATION OF SIGN LOCATIONS WITH UTILITIES PRIOR TO CONTRACT AWARD. THE CONTRACTOR MUST NOTIFY THE APPROPRIATE UTILITY COMPANIES AND DIG SAFE AT LEAST 72 HOURS PRIOR TO ANY EXCAVATIONS FOR INSTALLATION OF SIGN POSTS OR FOUNDATIONS, IN ACCORDANCE WITH M.R.S.A. TITLE 23 § 3360-A, MAINE "DIG SAFE" SYSTEM.
- ANY CLEARING OR THINNING REQUIRED WITHIN THE RIGHT OF WAY FOR ADVANCE SIGN VISIBILITY SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE. THE ACTUAL LIMITS FOR CLEARING OR THINNING SHALL BE ESTABLISHED IN THE FIELD BY THE RESIDENT.
- HOLES CREATED BY SIGN POST REMOVALS WILL BE FILLED AND COMPACTED WITH APPROVED MATERIALS AS DIRECTED BY THE RESIDENT. PAYMENT WILL BE CONSIDERED INCIDENTAL TO THE RESPECTIVE SIGNING ITEMS.
- ANY DAMAGE TO EXISTING SLOPES CAUSED BY THE CONTRACTOR'S EQUIPMENT, PERSONNEL, OR OPERATION SHALL BE REPAIRED TO THE SATISFACTION OF THE RESIDENT. SEEDING METHOD NO. 1 SHALL BE UTILIZED ON ALL LAWNS AND DEVELOPED AREAS DISTURBED BY THE ACTIVITIES OF THE CONTRACTOR. LOAM SHALL BE PLACED TO A NOMINAL DEPTH OF 4 INCHES IN DISTURBED LAWN AREAS WHEN DIRECTED BY THE RESIDENT. ALL WORK, EQUIPMENT, AND MATERIALS REQUIRED TO MAKE REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE.
- NO SEPARATE PAYMENT FOR SUPERINTENDENT OR FOREMAN WILL BE MADE FOR THE SUPERVISION OF EQUIPMENT BEING PAID FOR UNDER THE EQUIPMENT RENTAL ITEMS.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION'S BEST MANAGEMENT PRACTICES FOR EROSION CONTROL & SEDIMENT CONTROL, FEBRUARY, 2008.
- ALL SIGNING AND PAVEMENT MARKING MATERIALS AND PLACEMENT SHALL CONFORM TO THE MAINEDOT STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, SPECIAL PROVISIONS AND STANDARD DETAILS AND WITH THE FEDERAL HIGHWAY ADMINISTRATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD).
- ALL PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED MARKINGS SHALL BE REMOVED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- ALL NEW SIGNS SHALL HAVE MICROPRISMATIC REFLECTIVE SHEETING, ASTM TYPE VII, VIII, OR IX. WOOD SIGN POSTS SHALL BE PRESSURE TREATED.
- REINSTALLING OR REPLACING POSTS FOR SIGNS TO BE REINSTALLED UNDER ITEM 645.116 WILL BE INCIDENTAL TO THE PAY ITEM.
- PROPOSED PAVEMENT MARKINGS SHALL TIE INTO EXISTING PAVEMENT MARKINGS ON THE PROJECT APPROACHES AS DIRECTED BY THE RESIDENT.
- ALL PROPOSED PAVEMENT MARKINGS SHALL CONSIST OF DURASET™ DURABLE PAVEMENT MARKING MATERIALS, DISTRIBUTED BY ENNIS PAINT, INC. OR APPROVED EQUAL.
- ALL PAVEMENT SURFACES TO RECEIVE PROPOSED PAVEMENT MARKINGS SHALL BE CLEANED PRIOR TO PLACEMENT OF MARKING MATERIALS. SWEEPING OF PAVEMENT SURFACES WILL BE PAID UNDER ITEM 631.211, PAVEMENT SWEEPER. OTHER SURFACE PREPARATION PERFORMED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS WILL BE CONSIDERED INCIDENTAL TO PAYMENT UNDER ITEM 627.961, MMA PAVEMENT MARKINGS.
- FOR ANY SIGN POST OR SIGN FOUNDATION INSTALLATIONS IN EXISTING PAVEMENT, THE CONTRACTOR SHALL SAWCUT EXISTING PAVEMENT. PAYMENT FOR SAWCUTTING PAVEMENT AND REPLACING AGGREGATE BASE AND HMA PAVEMENT TO MATCH EXISTING MATERIALS AND THICKNESSES SHALL BE CONSIDERED INCIDENTAL TO PAYMENT UNDER THE RESPECTIVE SIGN AND FOUNDATION PAY ITEMS.
- THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION (MDEP) HAS REPORTED SPILLS AND RELEASES INVOLVING PETROLEUM PRODUCTS ADJACENT TO THE PROJECT. THE SCOPE OF WORK PRESENTED SUGGESTS THAT THIS CONTAMINATION MAY ONLY BE ADJACENT TO THE IMMEDIATE AREAS OF ANY POST HOLE WORK PROPOSED BY THE MAINE DEPARTMENT OF TRANSPORTATION (MAINE DOT). HOWEVER, IN LIGHT OF THE AVAILABLE DATA, THE CONTRACTOR SHALL EMPLOY APPROPRIATE HEALTH AND SAFETY MEASURES TO PROTECT ITS WORKERS AGAINST HAZARDS ASSOCIATED WITH WORKING NEAR PETROLEUM-IMPACTED SOILS. FURTHERMORE, THE CONTRACTOR SHALL REMAIN ALERT FOR ANY ADDITIONALLY EVIDENCE OF CONTAMINATION. IF THE CONTRACTOR ENCOUNTERS EVIDENCE OF SOIL OR GROUNDWATER CONTAMINATION, THE CONTRACTOR SHALL SECURE THE EXCAVATION, STOP WORK IN THE CONTAMINATED AREA, AND IMMEDIATELY NOTIFY THE RESIDENT. THE RESIDENT SHALL CONTACT THE HYDROGEOLOGIST IN MDOT'S ENVIRONMENTAL OFFICE AT 207-624-3100 AND THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION AT 800-482-0777. WORK MAY ONLY CONTINUE WITH AUTHORIZATION FROM THE RESIDENT.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION STP-17566(700)E		HIGHWAY PLANS PIN 17567.00	
		SIGNATURE: <i>[Signature]</i> P.E. NUMBER: 4226 DATE: SEPTEMBER 9, 2009	
		PROJ. MANAGER: JIM MANSER DESIGN-REVIEWED: ALC CHECKED-REVIEWED: ALC DESIG'D-DETAILS: JLE DESIG'D-DETAILS: JLE REVISIONS: 1 REVISIONS: 2 REVISIONS: 3 REVISIONS: 4 FIELD CHANGES	
AUGUSTA MEMORIAL CIRCLE ESTIMATED QUANTITIES GENERAL NOTES		SHEET NUMBER 2 OF 6	



NOTE:  
EXISTING PAINTED CROSSWALKS  
TO REMAIN.

PAINTED EDGE STRIPES ARE TO REMAIN.

PLAN

25 0 25 50  
Scale of Feet

LEGEND (ALL LINES 4" UNLESS NOTED)

DWL DASHED WHITE LINE (10/30)

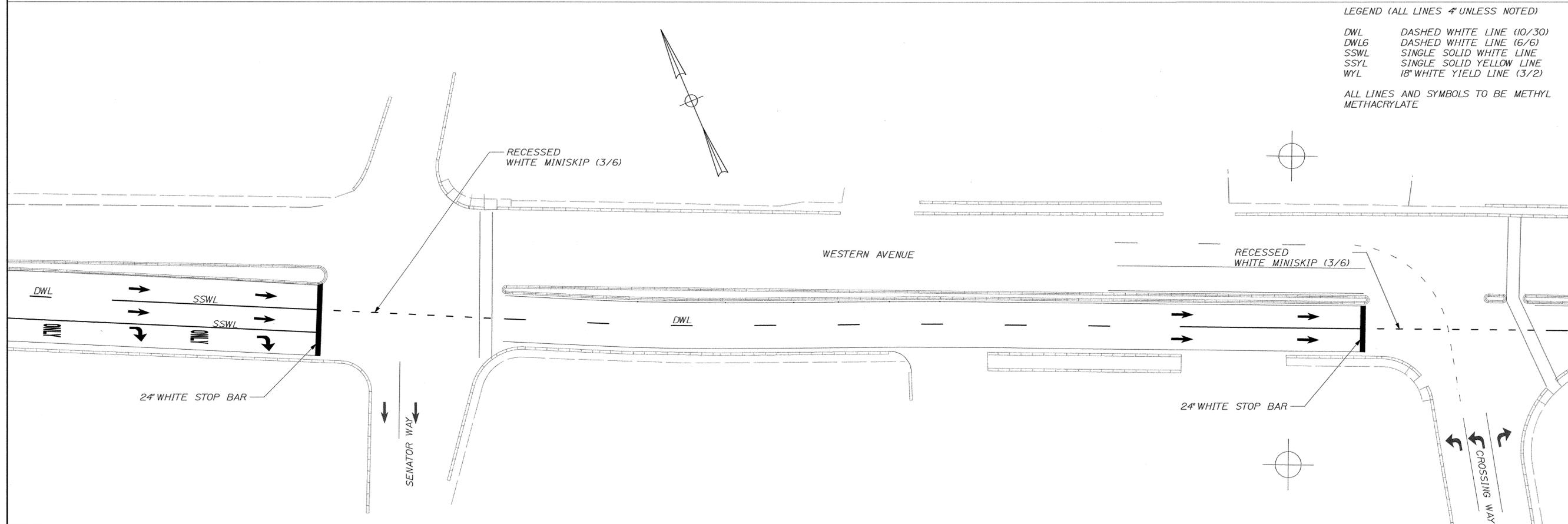
DWL6 DASHED WHITE LINE (6/6)

SSWL SINGLE SOLID WHITE LINE

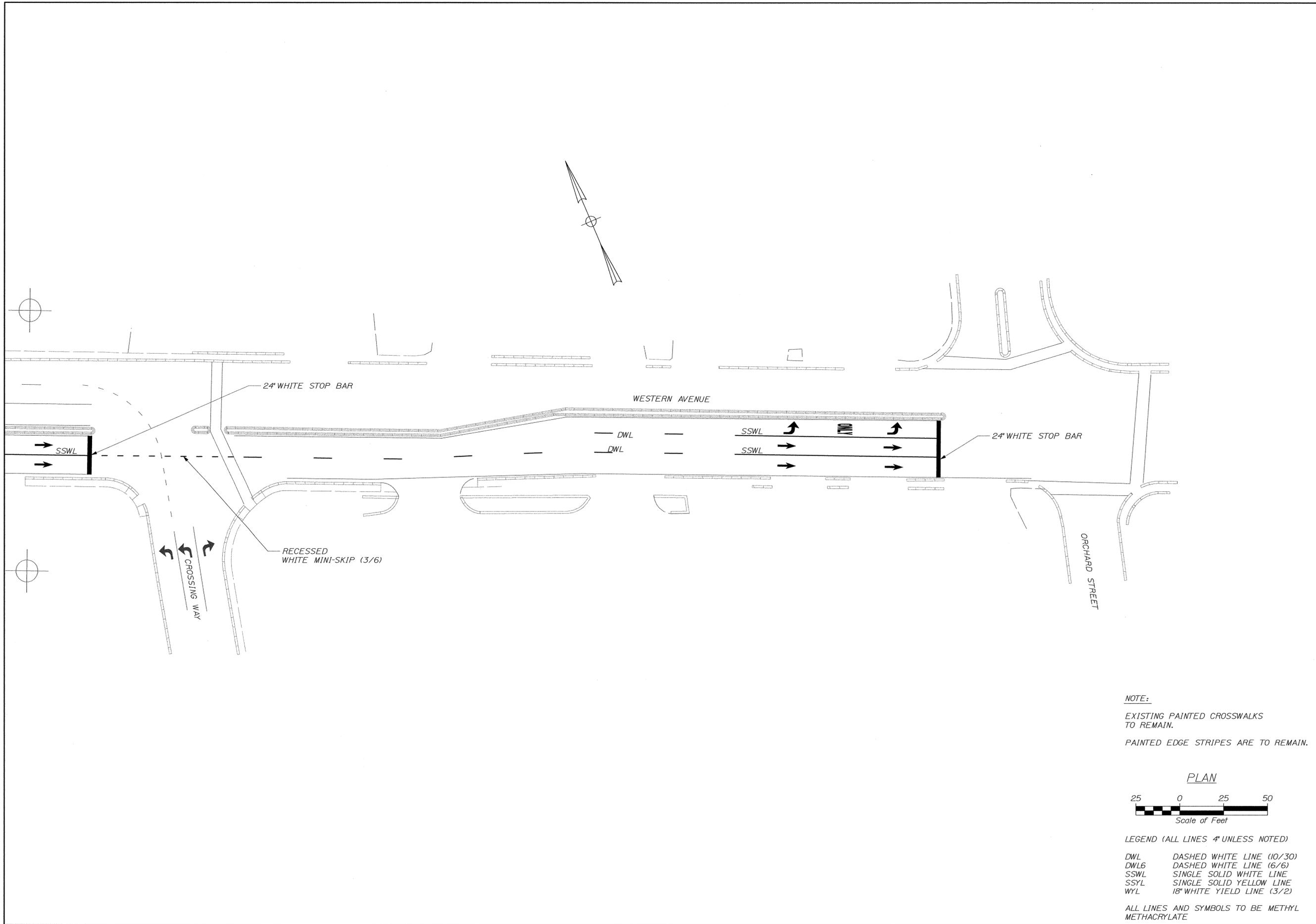
SSYL SINGLE SOLID YELLOW LINE

WYL 18" WHITE YIELD LINE (3/2)

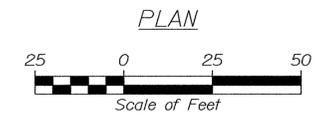
ALL LINES AND SYMBOLS TO BE METHYL METHACRYLATE



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		STP-1756(700)E		HIGHWAY PLANS	
		SIGNATURE: <i>Albert L. Godfrey</i> P.E. NUMBER: 4226 DATE: SEPTEMBER 9, 2009		PIN: 17567.00	
DATE	BY	JM MANBR	ALG	ALG	ALG
8-09	JLE				
8-09					
DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	CHECKED-REVIEWED
ALG	ALG	ALG	ALG	ALG	ALG
DESIGN-DETAILED	DESIGN-DETAILED	DESIGN-DETAILED	DESIGN-DETAILED	DESIGN-DETAILED	DESIGN-DETAILED
ALG	ALG	ALG	ALG	ALG	ALG
REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	REVISIONS 5	REVISIONS 6
AUGUSTA MEMORIAL CIRCLE			PLANS		
SHEET NUMBER			3		
			OF 6		



**NOTE:**  
 EXISTING PAINTED CROSSWALKS TO REMAIN.  
 PAINTED EDGE STRIPES ARE TO REMAIN.



**LEGEND (ALL LINES 4" UNLESS NOTED)**

DWL	DASHED WHITE LINE (10/30)
DWL6	DASHED WHITE LINE (6/6)
SSWL	SINGLE SOLID WHITE LINE
SSYL	SINGLE SOLID YELLOW LINE
WYL	18" WHITE YIELD LINE (3/2)

ALL LINES AND SYMBOLS TO BE METHYL METHACRYLATE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		STATE OF MAINE DEPARTMENT OF TRANSPORTATION STP-1756(700)E	
SIGNATURE 4226		SIGNATURE 4226	
P.E. NUMBER SEPTEMBER 9, 2009		P.E. NUMBER SEPTEMBER 9, 2009	
DATE		DATE	
BY JLE		BY JLE	
DATE 8-09		DATE 8-09	
PROJ. MANAGER JIM MANSBIR		PROJ. MANAGER JIM MANSBIR	
DESIGN-DETAILED ALG		DESIGN-DETAILED ALG	
CHECKED-REVIEWED JLE		CHECKED-REVIEWED JLE	
DESIGN-DETAILED JLE		DESIGN-DETAILED JLE	
REVISIONS 1		REVISIONS 1	
REVISIONS 2		REVISIONS 2	
REVISIONS 3		REVISIONS 3	
REVISIONS 4		REVISIONS 4	
FIELD CHANGES		FIELD CHANGES	
AUGUSTA MEMORIAL CIRCLE		AUGUSTA MEMORIAL CIRCLE	
PLANS		PLANS	
SHEET NUMBER		SHEET NUMBER	
4		4	
OF 6		OF 6	
HIGHWAY PLANS		HIGHWAY PLANS	
PIN 17567.00		PIN 17567.00	

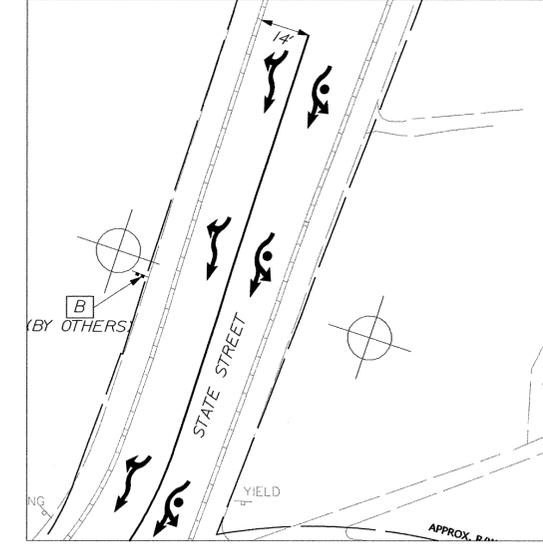
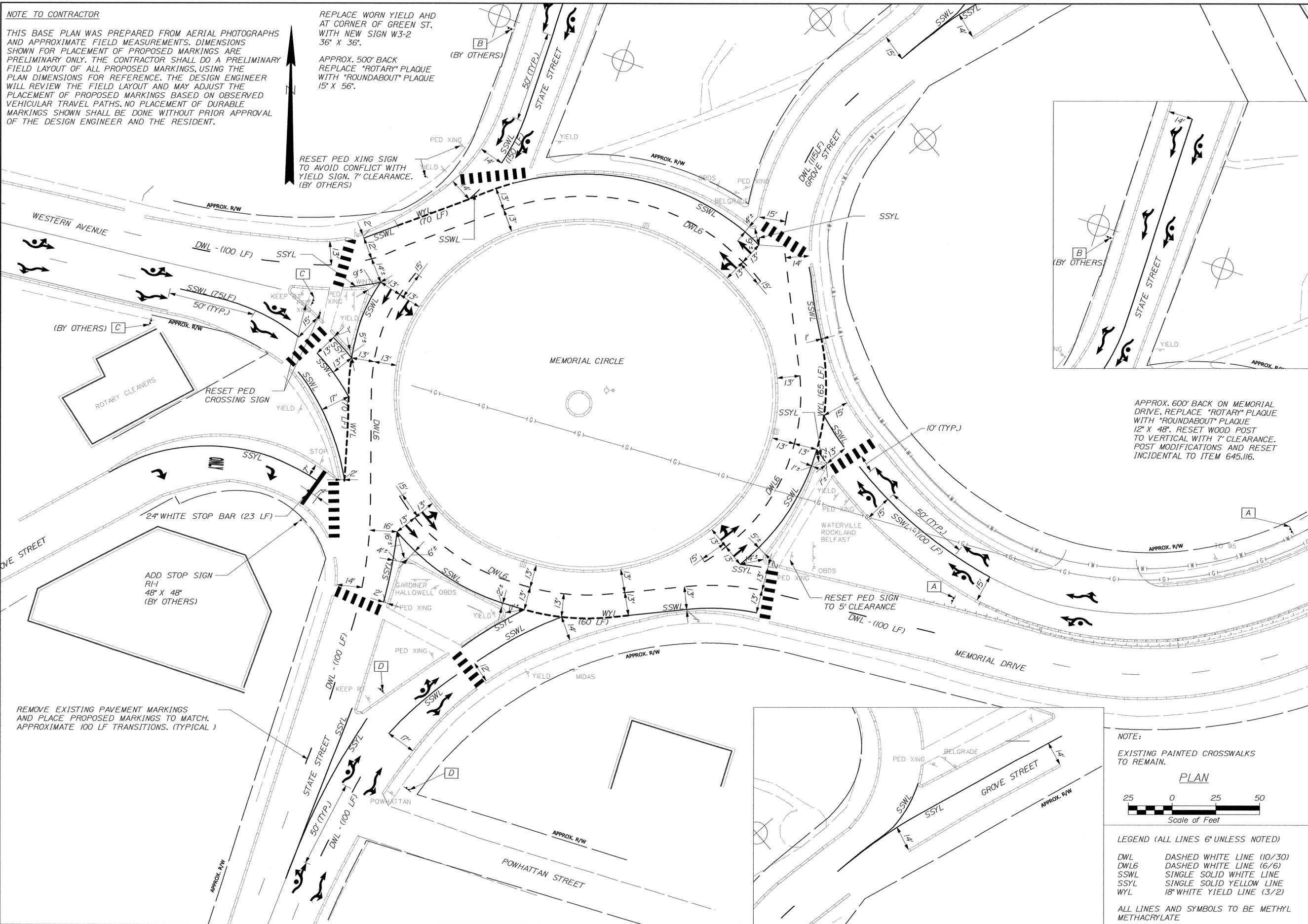
**NOTE TO CONTRACTOR**

THIS BASE PLAN WAS PREPARED FROM AERIAL PHOTOGRAPHS AND APPROXIMATE FIELD MEASUREMENTS. DIMENSIONS SHOWN FOR PLACEMENT OF PROPOSED MARKINGS ARE PRELIMINARY ONLY. THE CONTRACTOR SHALL DO A PRELIMINARY FIELD LAYOUT OF ALL PROPOSED MARKINGS, USING THE PLAN DIMENSIONS FOR REFERENCE. THE DESIGN ENGINEER WILL REVIEW THE FIELD LAYOUT AND MAY ADJUST THE PLACEMENT OF PROPOSED MARKINGS BASED ON OBSERVED VEHICULAR TRAVEL PATHS. NO PLACEMENT OF DURABLE MARKINGS SHOWN SHALL BE DONE WITHOUT PRIOR APPROVAL OF THE DESIGN ENGINEER AND THE RESIDENT.

REPLACE WORN YIELD AHD AT CORNER OF GREEN ST. WITH NEW SIGN W3-2 36" X 36".

APPROX. 500' BACK REPLACE "ROTARY" PLAQUE WITH "ROUNDAABOUT" PLAQUE 15" X 56".

RESET PED XING SIGN TO AVOID CONFLICT WITH YIELD SIGN. 7' CLEARANCE. (BY OTHERS)



APPROX. 600' BACK ON MEMORIAL DRIVE, REPLACE "ROTARY" PLAQUE WITH "ROUNDAABOUT" PLAQUE 12" X 48". RESET WOOD POST TO VERTICAL WITH 7' CLEARANCE. POST MODIFICATIONS AND RESET INCIDENTAL TO ITEM 645.116.

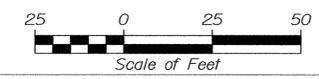
REMOVE EXISTING PAVEMENT MARKINGS AND PLACE PROPOSED MARKINGS TO MATCH APPROXIMATE 100 LF TRANSITIONS. (TYPICAL)

ADD STOP SIGN R1-1 48" X 48" (BY OTHERS)

**NOTE:**

EXISTING PAINTED CROSSWALKS TO REMAIN.

**PLAN**

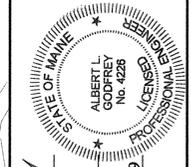


**LEGEND (ALL LINES 6" UNLESS NOTED)**

- DWL DASHED WHITE LINE (10/30)
- DNL6 DASHED WHITE LINE (6/6)
- SSWL SINGLE SOLID WHITE LINE
- SSYL SINGLE SOLID YELLOW LINE
- WYL 18" WHITE YIELD LINE (3/2)

ALL LINES AND SYMBOLS TO BE METHYL METHACRYLATE

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
STP-1756(700)E



SIGNATURE: [Signature]  
P.E. NUMBER: 4226  
DATE: SEPTEMBER 9, 2009

PROJ. MANAGER	DATE	BY	REVISION	FIELD CHANGES
ALC	8-09	JLE	1	
ALC	8-09	JLE	2	
ALC			3	
ALC			4	

**AUGUSTA  
MEMORIAL CIRCLE  
PLANS**

SHEET NUMBER

**5**

OF 6

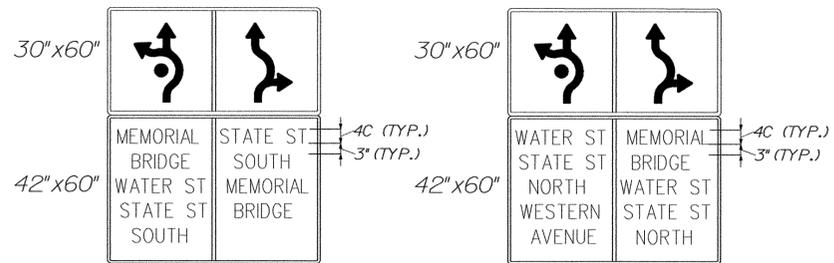
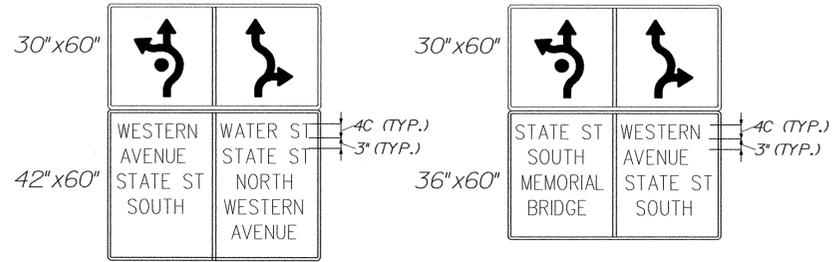
HIGHWAY PLANS  
PIN  
17567.00

Date: 9/9/2009

Username: jason

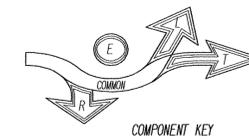
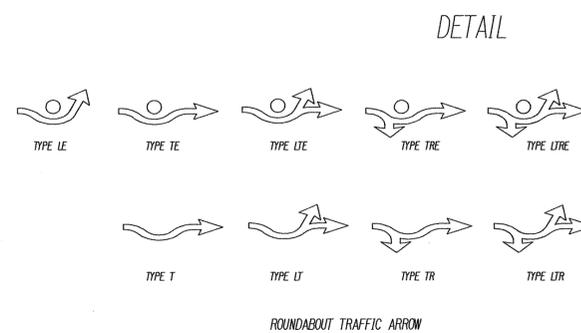
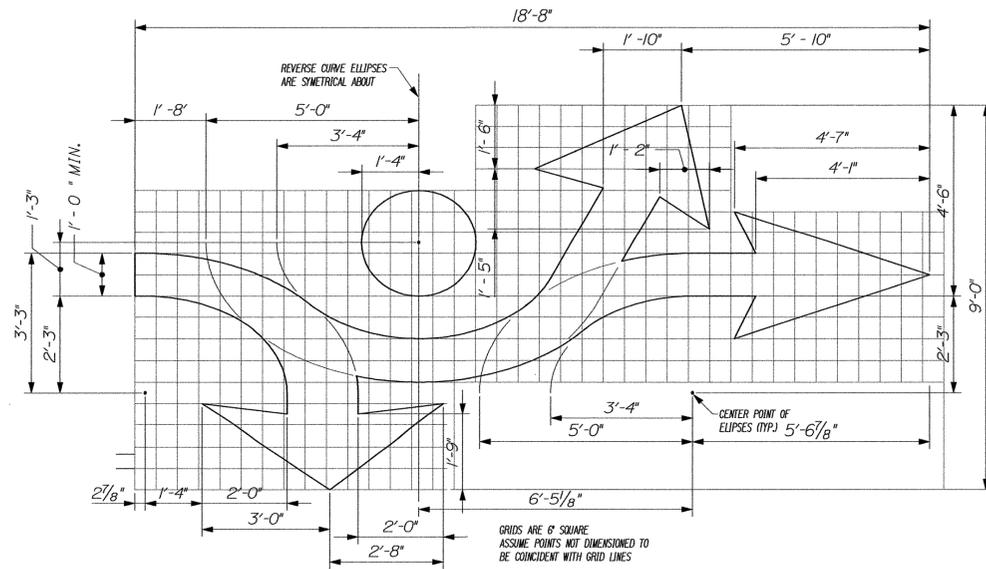
Division: HIGHWAY

Filename: ... \HIGHWAY\MSTA\005\_HDPlan3.dgn



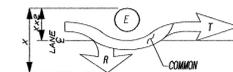
NOTE:

ALL LANE USE SIGN ASSEMBLIES SHALL BE INSTALLED ON DOUBLE 4"X6" POSTS.



THE LABELLED AREAS ABOVE CORRESPOND TO THE PORTIONS NEEDED FOR EACH TYPE OF ROUNDABOUT TRAFFIC ARROWS.

FOR EXAMPLE: THE ROUNDABOUT TRAFFIC ARROW TYPE TRE REQUIRES THE "COMMON", "T", "R", AND "E" AREAS.

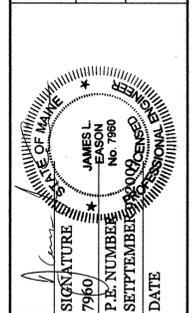


CENTER THE ARROW ON THE LANE CENTERLINE BETWEEN THE LATERAL EXTREMITIES OF THAT ARROW TYPE.

AREAS

- COMMON = 12.95 SF
- E = 5.28 SF
- L = 7.71 SF
- T = 9.67 SF
- R = 6.76 SF

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
STP-1756(700)E  
PIN 17567.00  
HIGHWAY PLANS



PROJ. MANAGER	JIM MANSIR
DESIGN-DETAILED	JLE
CHECKED-REVIEWED	ALC
DESIGN-DETAILED	ALC
DESIGN-DETAILED	ALC
REVISIONS	1
REVISIONS	2
REVISIONS	3
REVISIONS	4
FIELD CHANGES	

AUGUSTA  
MEMORIAL CIRCLE  
SIGNING / MARKING DETAILS

SHEET NUMBER  
6  
OF 6