

Date: 4/14/2010

Username: jecson

Division: HIGHWAY

Filename: ... \HIGHWAY\MSTA\001_Title_001.dgn



STATE OF MAINE DEPARTMENT OF TRANSPORTATION



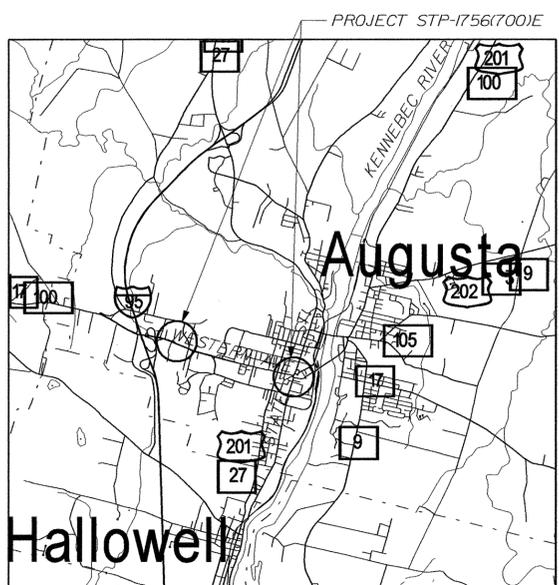
AUGUSTA

KENNEBEC

MEMORIAL CIRCLE & WESTERN AVENUE

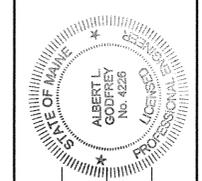
STP-1756(700)E

PROJECT LENGTH: 0.000 MILES
MILL AND OVERLAY
SIGNING AND PAVEMENT MARKINGS



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

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER: <i>[Signature]</i>	<i>[Signature]</i>	4/21/10
CHIEF ENGINEER: <i>[Signature]</i>	<i>[Signature]</i>	4/21/10



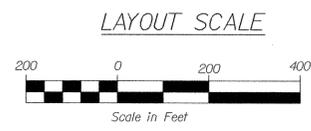
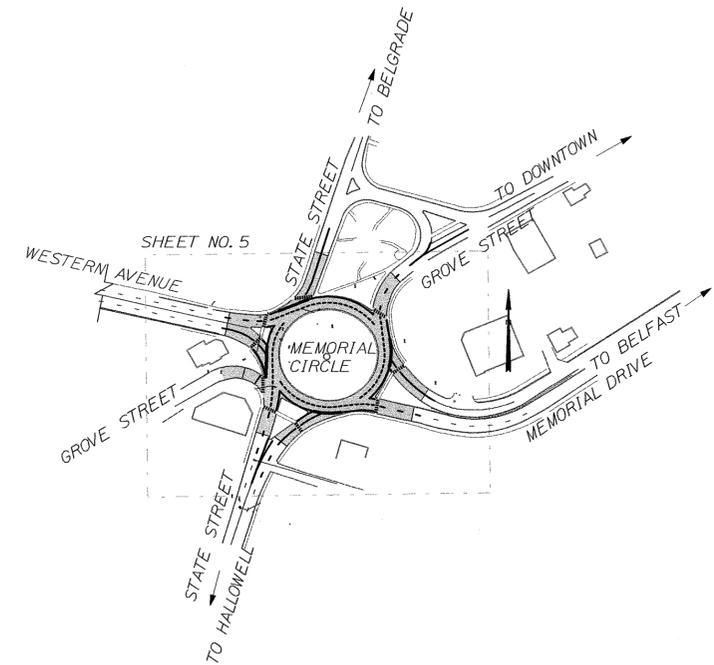
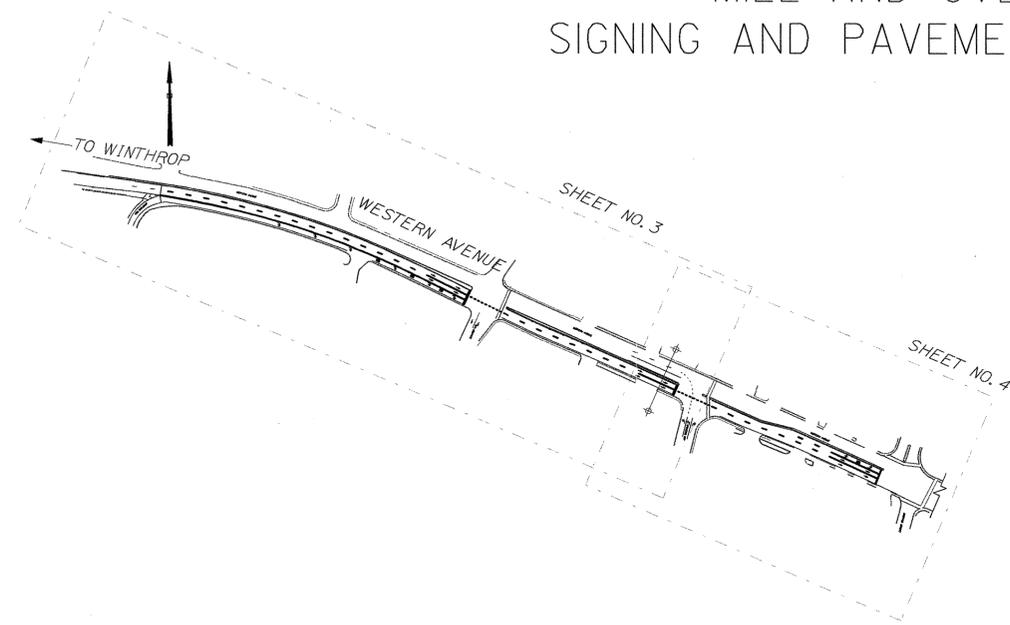
[Signature]
SIGNATURE
4226
P.E. NUMBER
APRIL 8, 2010
DATE

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

STP-1756(700)E PIN 17567.00
AUGUSTA
MEMORIAL CIRCLE
TITLE SHEET

SHEET NUMBER
1
OF 6

PLAN LEGEND	
Town, County, State	Centerline-Existing
Property Lines	Centerline-Proposed
R/W Lines-Existing	Travelway-Existing
R/W Lines-Proposed	Travelway-Proposed
Culvert-Existing	Railroad
Culvert Proposed	Catch Basins
Curbing	Manholes
Type 1	Proposed Underdrain
Type 3	Proposed Ditch
Type 5	Existing Ditch
Outline of Bodies of Water	Utility Poles
Ledge	Fire Hydrants
Buildings	Existing Water Line
Trees	Existing San. Sewer
Tree Line	Existing San. Sewer Manhole
Clearing Limit Line	Guardrail-Existing
	Guardrail-Proposed
	Guardrail-Cable, Other



PROGRAM AREA: TRAFFIC
SCOPE OF WORK: 2" MILLING AND 2" HMA OVERLAY
WITH ADVANCE SIGNING AND
PAVEMENT MARKING

Date: 4/14/2010

Username: jason

Division: HIGHWAY

Filename: ... \MSTA\002_Estimate_01.dgn

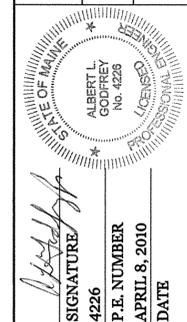
GENERAL NOTES

1. THE UTILITIES LOCATED IN THE PROJECT AREA ARE AS FOLLOWS:

CENTRAL MAINE POWER COMPANY
NORTHERN NEW ENGLAND TELEPHONE OPERATIONS, LLC (FAIR POINT)
TIME WARNER
CITY OF AUGUSTA
GREATER AUGUSTA UTILITY DISTRICT (SEWER/WATER)

- 2. 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.
- 3. 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.
- 4. 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.
- 5. 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.
- 6. NO SEPARATE PAYMENT FOR SUPERINTENDENT OR FOREMAN WILL BE MADE FOR THE SUPERVISION OF EQUIPMENT BEING PAID FOR UNDER THE EQUIPMENT RENTAL ITEMS.
- 7. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION'S BEST MANAGEMENT PRACTICES FOR EROSION CONTROL & SEDIMENT CONTROL, FEBRUARY, 2008.
- 8. 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).
- 9. ALL PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED MARKINGS SHALL BE REMOVED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- 10. ALL NEW SIGNS SHALL HAVE MICROPRISMATIC REFLECTIVE SHEETING, ASTM TYPE VII, VIII, OR IX. WOOD SIGN POSTS SHALL BE PRESSURE TREATED.
- 11. REINSTALLING OR REPLACING POSTS FOR SIGNS TO BE REINSTALLED UNDER ITEM 645.116 WILL BE INCIDENTAL TO THE PAY ITEM.
- 12. ANY NECESSARY CLEANING OF EXISTING PAVEMENT PRIOR TO PAVING SHALL BE INCIDENTAL TO THE RELATED PAVING ITEMS.
- 13. "UNDETERMINED LOCATIONS" SHALL BE DETERMINED BY THE RESIDENT.
- 14. PROPOSED PAVEMENT MARKINGS SHALL TIE INTO EXISTING PAVEMENT MARKINGS ON THE PROJECT APPROACHES AS DIRECTED BY THE RESIDENT.
- 15. ALL PROPOSED PAVEMENT MARKINGS SHALL CONSIST OF DURASET™ DURABLE PAVEMENT MARKING MATERIALS, DISTRIBUTED BY ENNIS PAINT, INC. OR APPROVED EQUAL OR ALTERNATIVELY OF PREMARK™ PREFORMED THERMOPLASTIC PAVEMENT MARKINGS MANUFACTURED BY FLINT TRADING, INC. OR APPROVED EQUAL.
- 16. 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 THE PAVEMENT MARKING ITEMS OF THE CONTRACT.
- 17. 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.
- 18. 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.
- 19. NIGHT CONSTRUCTION WILL BE REQUIRED. SEE SPECIAL PROVISION 107, ALLOWABLE WORK TIMES AND SCHEDULING OF WORK.

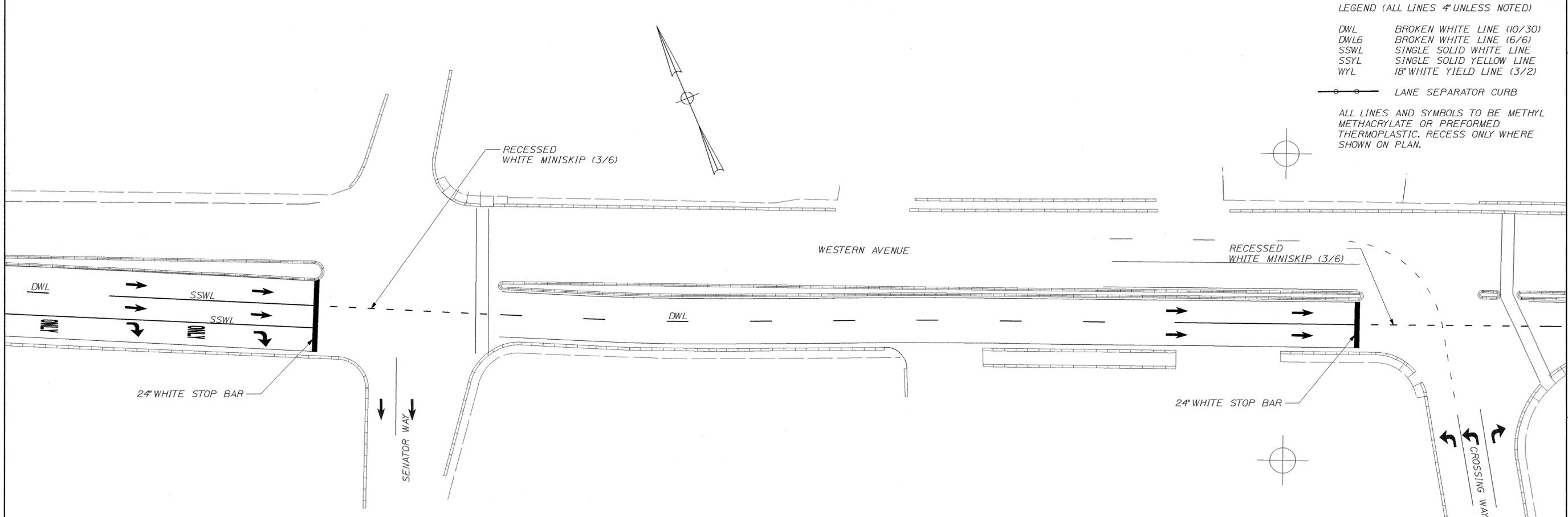
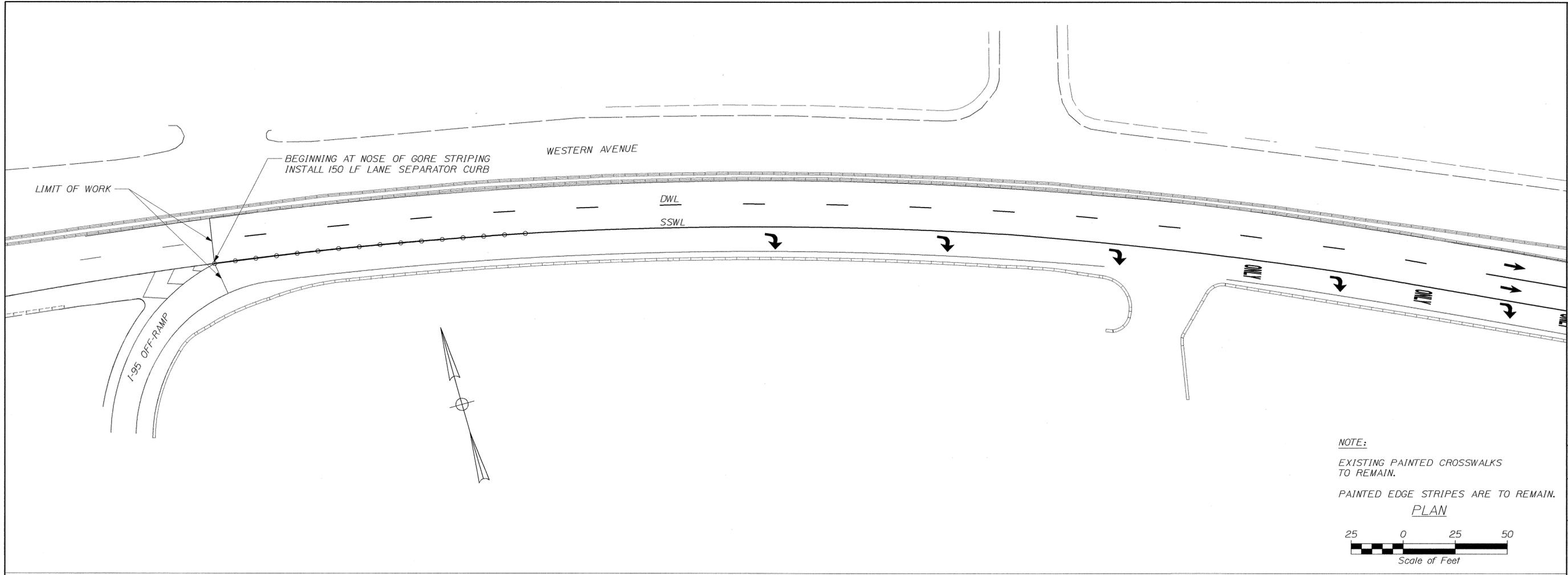
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
STP-1756(700)E
PIN 17567.00
HIGHWAY PLANS



PROJ. MANAGER	J.M. MANSB	BY	JLE	DATE	4-10
DESIGN-DETAILED	ALC				4-10
CHECKED-REVIEWED	ALC				
DESIGNS-DETAILED					
DESIGNS-DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

AUGUSTA
MEMORIAL CIRCLE
GENERAL NOTES

SHEET NUMBER
2
OF 6



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

PLAN

Scale of Feet

25 0 25 50

LEGEND (ALL LINES 4" UNLESS NOTED)

DWL BROKEN WHITE LINE (10/30)

DWL6 BROKEN WHITE LINE (6/6)

SSWL SINGLE SOLID WHITE LINE

SSYL SINGLE SOLID YELLOW LINE

WYL 18" WHITE YIELD LINE (3/2)

○ ○ ○ LANE SEPARATOR CURB

ALL LINES AND SYMBOLS TO BE METHYL METHACRYLATE OR PREFORMED THERMOPLASTIC. RECESS ONLY WHERE SHOWN ON PLAN.

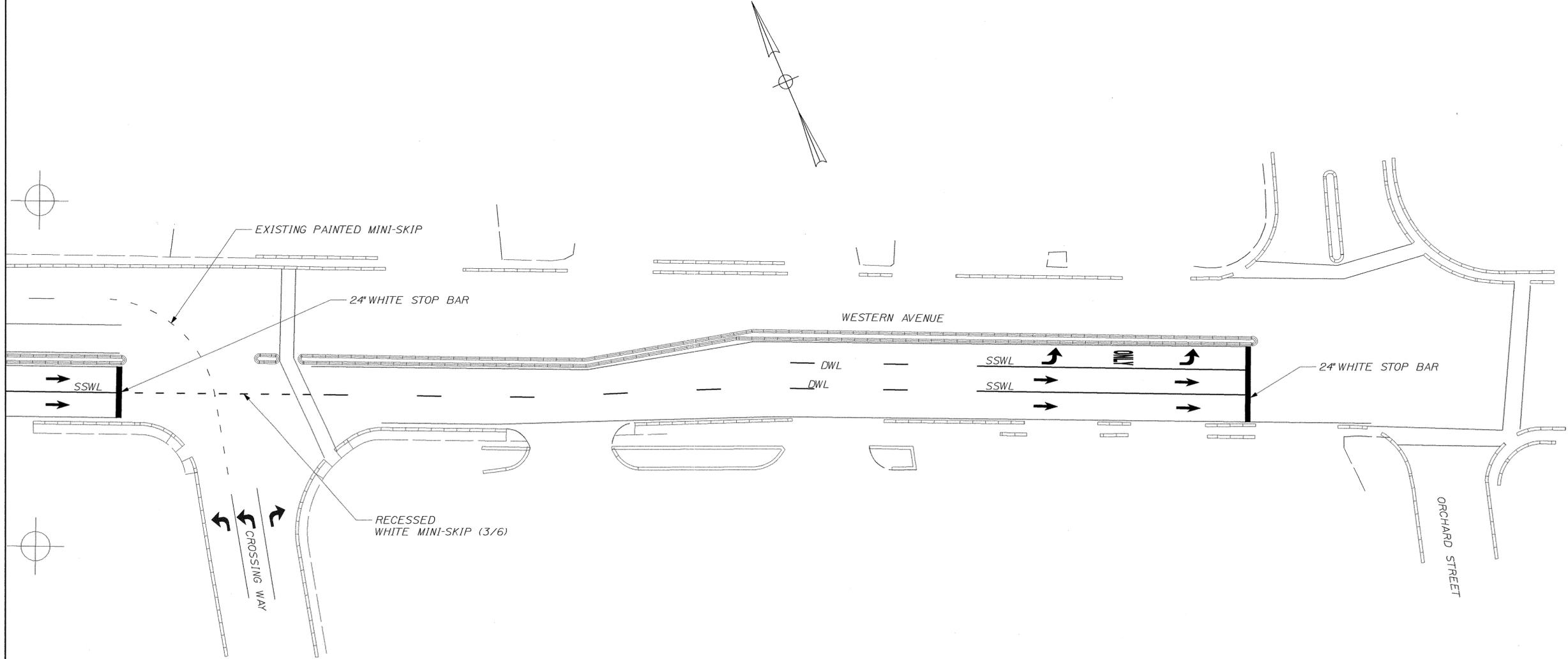
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
STP-1756(700)E
PIN 17567.00
HIGHWAY PLANS

ALBERT L. GODFREY
No. 4226
P.E. NUMBER
APRIL 8, 2010
DATE

PROJ. MANAGER	JIM MANSBRI	BY	JLE	DATE	4-10
DESIGN-DETAILED	ALC	CHECKED-REVIEWED	ALC	DATE	4-10
DESIGN-DETAILED2		DESIGN-DETAILED3		REVISIONS 1	
				REVISIONS 2	
				REVISIONS 3	
				REVISIONS 4	
				FIELD CHANGES	

AUGUSTA
MEMORIAL CIRCLE
PLANS

SHEET NUMBER
3
OF 6

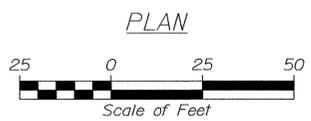


NOTE:
 EXISTING PAINTED CROSSWALKS TO REMAIN.
 PAINTED EDGE STRIPES ARE TO REMAIN.

LEGEND (ALL LINES 4" UNLESS NOTED)

DWL	BROKEN WHITE LINE (10/30)
DWL6	BROKEN 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 OR PREFORMED THERMOPLASTIC. RECESS ONLY WHERE SHOWN ON PLAN.



SIGNATURE
 P.E. NUMBER 4226
 DATE APRIL 8, 2010

PROJ. MANAGER	JIM MANBRI	BY	DATE
DESIGN-DETAILED	ALC	JLE	4-10
CHECKED-REVIEWED	ALC		4-10
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUGUSTA
 MEMORIAL CIRCLE
 PLANS

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 "ROUNDABOUT" PLAQUE 15' X 56".

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

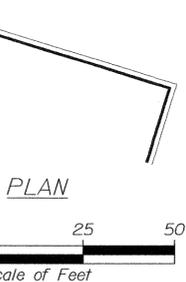
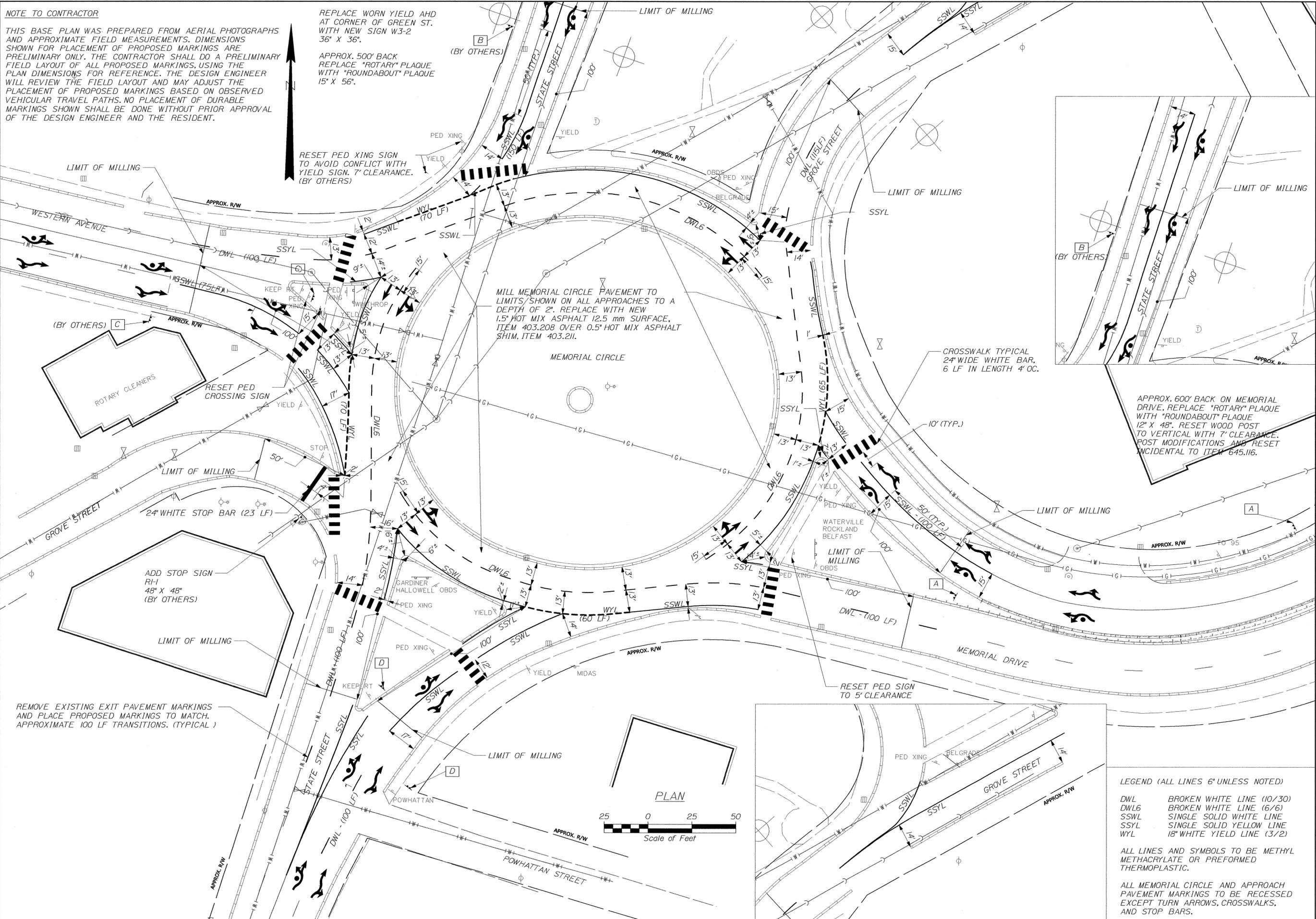
MILL MEMORIAL CIRCLE PAVEMENT TO LIMITS SHOWN ON ALL APPROACHES TO A DEPTH OF 2". REPLACE WITH NEW 1.5" HOT MIX ASPHALT 12.5 mm SURFACE, ITEM 403.208 OVER 0.5" HOT MIX ASPHALT SHIM, ITEM 403.211.

CROSSWALK TYPICAL 24" WIDE WHITE BAR, 6 LF IN LENGTH 4' OC.

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

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

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



LEGEND (ALL LINES 6" UNLESS NOTED)

- DWL BROKEN WHITE LINE (10/30)
- DWL6 BROKEN 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 OR PREFORMED THERMOPLASTIC.

ALL MEMORIAL CIRCLE AND APPROACH PAVEMENT MARKINGS TO BE RECESSED EXCEPT TURN ARROWS, CROSSWALKS, AND STOP BARS.

Date: 4/14/2010

Username: jeason

Division: HIGHWAY

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

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

STATE OF MAINE
ALBERT L. GODFREY
No. 4226
LICENSED PROFESSIONAL ENGINEER

SIGNATURE: [Signature]
4226
P.E. NUMBER
APRIL 8, 2010
DATE

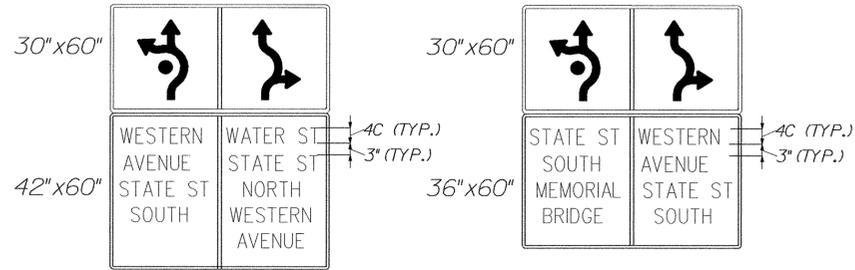
PROJ. MANAGER	JIM MANSBI	BY	DATE
DESIGN-DETAILED	ALG	JLE	4-10
CHECKED-REVIEWED	ALG		4-10
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUGUSTA
MEMORIAL CIRCLE
PLANS

SHEET NUMBER

5

OF 6

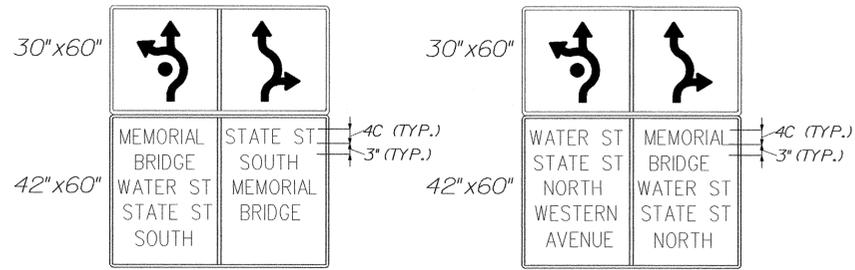


R3-8A
72" x 60"
BLACK ON WHITE
[A]

MEMORIAL BR. APPROACH

R3-8B
66" x 60"
BLACK ON WHITE
[B]

STATE ST. NO. APPROACH
(BY OTHERS, NOT PART OF THIS CONTRACT)



R3-8C
72" x 60"
BLACK ON WHITE
[C]

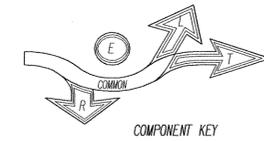
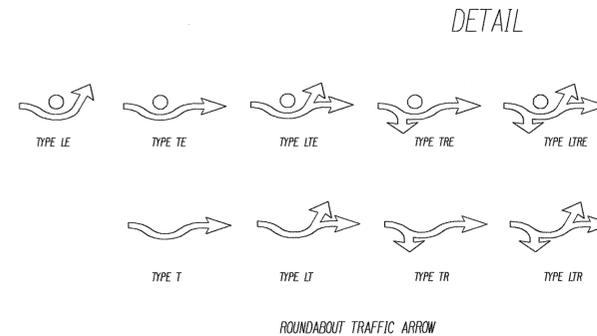
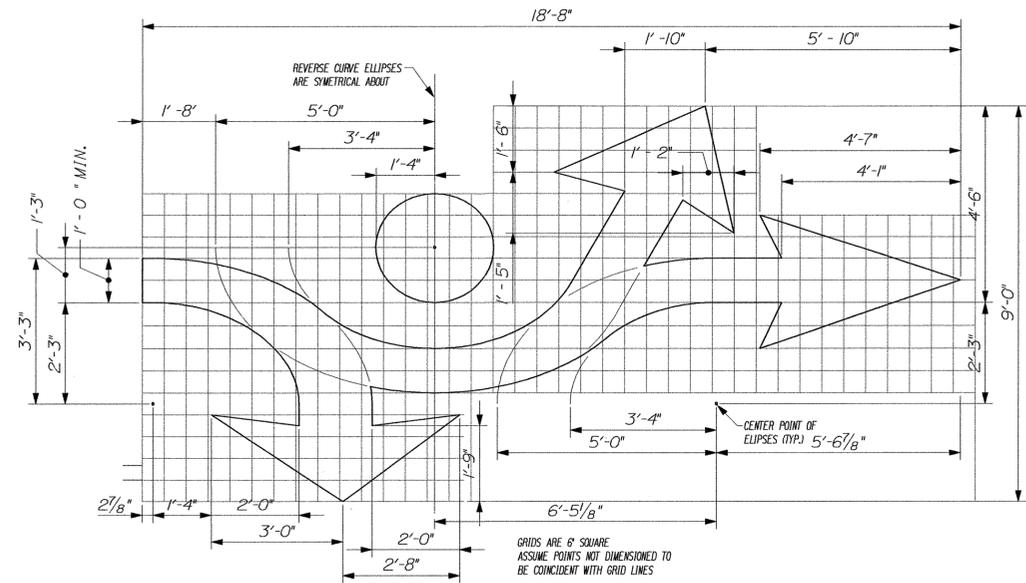
WESTERN AVE. APPROACH

R3-8D
72" x 60"
BLACK ON WHITE
[D]

STATE ST. SO. APPROACH

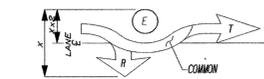
NOTE:

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.



AREAS

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



SIGNATURE: [Signature]
7960
P.E. NUMBER: 4226
APRIL 8, 2010
DATE

PROJ. MANAGER	DATE
DESIGN-DETAILED JLE	4-10
CHECKED-REVIEWED ALG	4-10
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DESIGN-DETAILED3	
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AUGUSTA
MEMORIAL CIRCLE
SIGNING / MARKING DETAILS

SHEET NUMBER

6

OF 6