

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



AUBURN
ANDROSCOGGIN

WASHINGTON ST & MINOT AVE

STP-1159(910)X

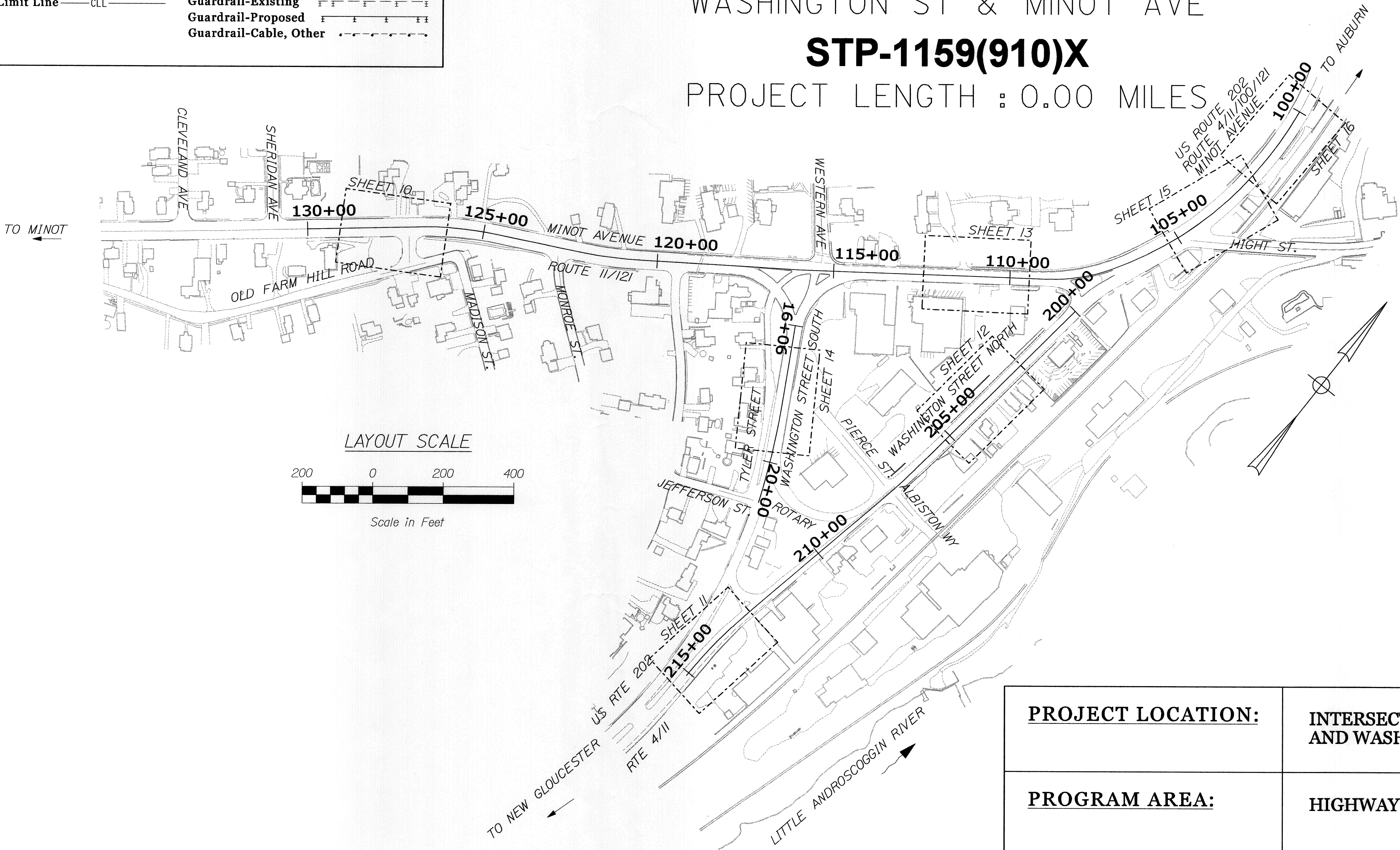
PROJECT LENGTH : 0.00 MILES

INDEX OF SHEETS

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Estimated Quantities / General Notes	2
Geometric Layout	3
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Signing Plans	10-16
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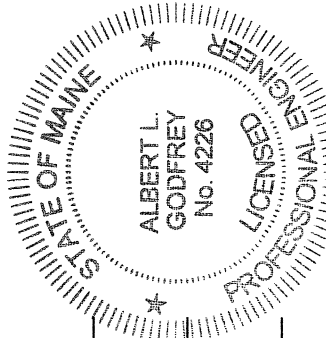
PLAN LEGEND

Town, County, State	Centerline-Existing	
Property Lines	Centerline-Proposed	10+00
R/W Lines-Existing	Travelway-Existing	
R/W Lines-Proposed	Travelway-Proposed	
Culvert-Existing	Railroad	
Culvert Proposed	Catch Basins	Existing Proposed
Curbing Existing	Manholes	Existing Proposed
Type 1	Proposed Underdrain	
Type 3	Proposed Ditch	
Type 5	Existing Ditch	
Outline of Bodies of Water	Utility Poles	Existing Proposed
Ledge	Fire Hydrants	Existing Proposed
Buildings	Existing Water Line	
Trees Conifer	Existing San. Sewer	
Deciduous	Existing San. Sewer Manhole	
Tree Line	Guardrail-Existing	
Clearing Limit Line	Guardrail-Proposed	
	Guardrail-Cable, Other	



PROJECT LOCATION:	INTERSECTION AND APPROACH LEGS OF MINOT AVENUE AND WASHINGTON STREET
PROGRAM AREA:	HIGHWAY PROGRAM
SCOPE OF WORK:	OVERHEAD AND GROUND MOUNTED HIGHWAY SIGNING

STATE OF MAINE	DEPARTMENT OF TRANSPORTATION	DATE
APPROVED		11/13/12
COMMISSIONER		11/19/12
CHIEF ENGINEER		



SIGNATURE	P.E. NUMBER	DATE
	4226	OCTOBER 8, 2012

PROJECT INFORMATION	PROGRAM	PROJECT MANAGER	DESIGNER	CONSULTANT	PROJECT RESIDENT	CONTRACTOR	PROJECT COMPLETION DATE
HIGHWAY	PAUL MACDONALD	AL GODFREY	TERRA MAGNA SERVICES, INC.				

AUBURN	WASHINGTON ST & MINOT AVE
TITLE SHEET	

SHEET NUMBER

1

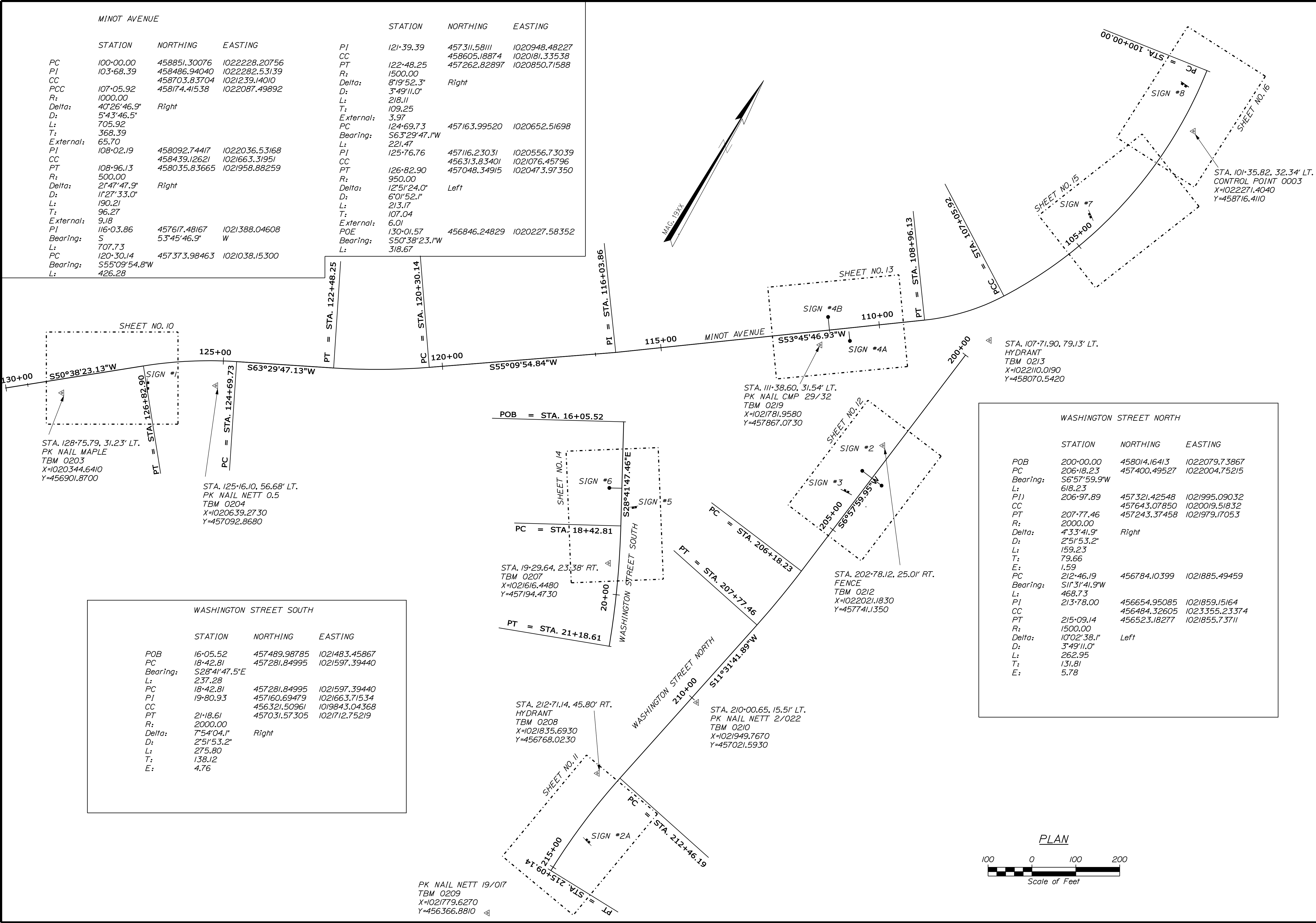
OF 19

WIN 11599.10 STP-1159(910)X

GENERAL NOTES

- CENTRAL MAINE POWER COMPANY
TIME WARNER CABLE
FAIRPOINT
AUBURN WATER
AUBURN SEWER DISTRICT
UNITIL GAS
OXFORD NETWORKS
2. ALL UTILITY FACILITIES SHALL BE ADJUSTED BY THE RESPECTIVE UTILITIES UNLESS OTHERWISE NOTED.
 3. ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF OFF THE PROJECT IN WASTE AREAS APPROVED BY THE RESIDENT.
 4. ANY DAMAGE TO THE SLOPES CAUSED BY THE CONTRACTOR'S EQUIPMENT, PERSONNEL, OR OPERATION SHALL BE REPAIRED TO THE SATISFACTION OF THE RESIDENT. ALL WORK, EQUIPMENT, AND MATERIALS REQUIRED TO MAKE REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE.
 5. NO SEPARATE PAYMENT FOR SUPERINTENDENT OR FOREMAN WILL BE MADE FOR THE SUPERVISION OF EQUIPMENT BEING PAID FOR UNDER THE EQUIPMENT RENTAL ITEMS.
 6. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION'S BEST MANAGEMENT PRACTICES FOR EROSION CONTROL & SEDIMENT CONTROL, FEBRUARY, 2008.
 7. PAYMENT FOR REMOVAL OF EXISTING SIGNS NOT DESIGNATED TO BE RELOCATED SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
 8. THE CONTRACTOR SHALL SCHEDULE AND PERFORM WORK SUCH THAT NO MORE THAN ONE LANE CLOSURE OCCURS AT A TIME.
 9. IF SOLID ROCK IS ENCOUNTERED IN EXCAVATING FOR FOUNDATIONS OF OVERHEAD AND CANTILEVER GUIDE SIGN STRUCTURES, ROCK REMOVAL AND/OR DOWELING FOUNDATIONS INTO SOLID ROCK WILL BE INCIDENTAL TO ITEMS 645.12 AND 645.15.
 10. REPLACEMENT OF WOOD OR U-CHANNEL POSTS, IF REQUIRED, FOR REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER SIGNS DESIGNATED TO BE DEMOUNTED AND REINSTALLED WILL BE CONSIDERED INCIDENTAL TO ITEM 645.116.

SHEET NUMBER		AUBURN WASHINGTON ST & MINOT AVE		PROJ. MANAGER PAUL MACDONALD		BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION STP-1159(910)X	
2	OF 19			DESIGN-DETAILED	AUG	JLE	7-12		
				CHECKED-REVIEWED	AUG		10-12		SIGNATURE
				DESIGN2-DETAILED2	JLE		7-12		4226
				DESIGN3-DETAILED3					P.E. NUMBER
				REVISIONS 1	ITEM #45.12	DESC.	10-12	OCTOBER 8, 2012	
				REVISIONS 2				DATE	
				REVISIONS 3					
				REVISIONS 4					
				FIELD CHANGES					
		ESTIMATED QUANTITIES							WIN 11599.10
		GENERAL NOTES							HIGHWAY PLANS

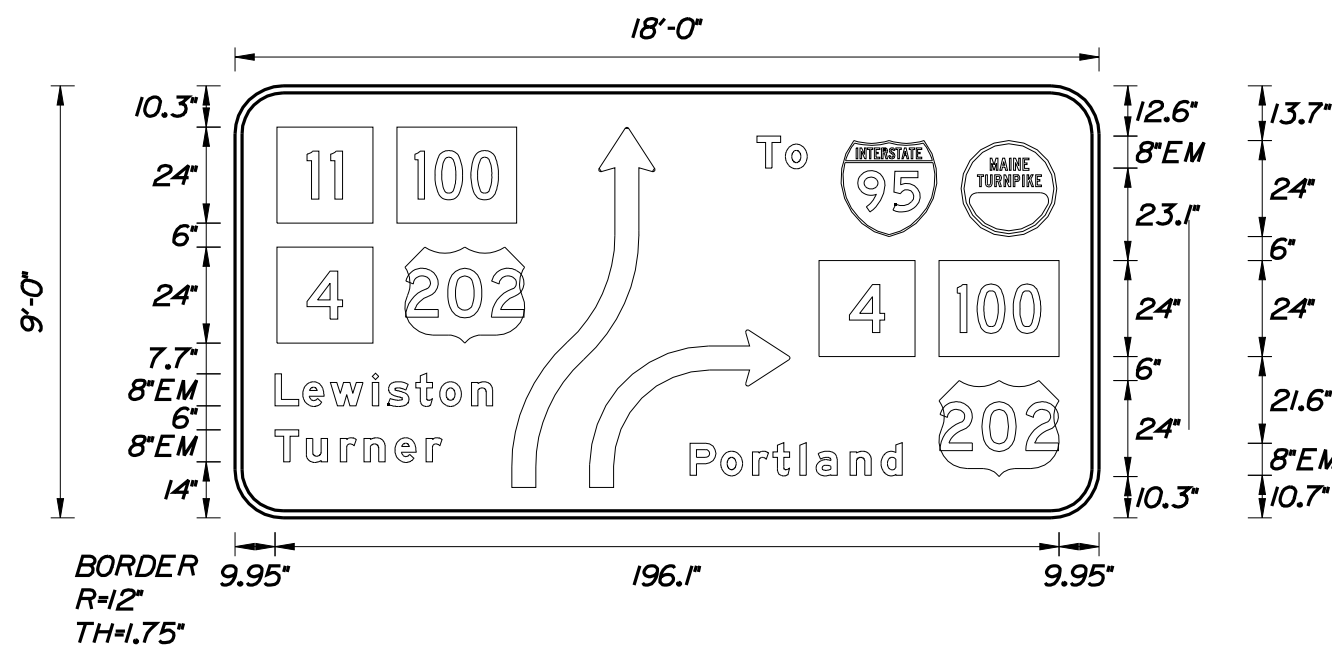


Date:10/23/2012

Username: jason

Division: HIGHWAY

Filename: ... \MSTAN004_SIGN_DETAILS_01.dgn

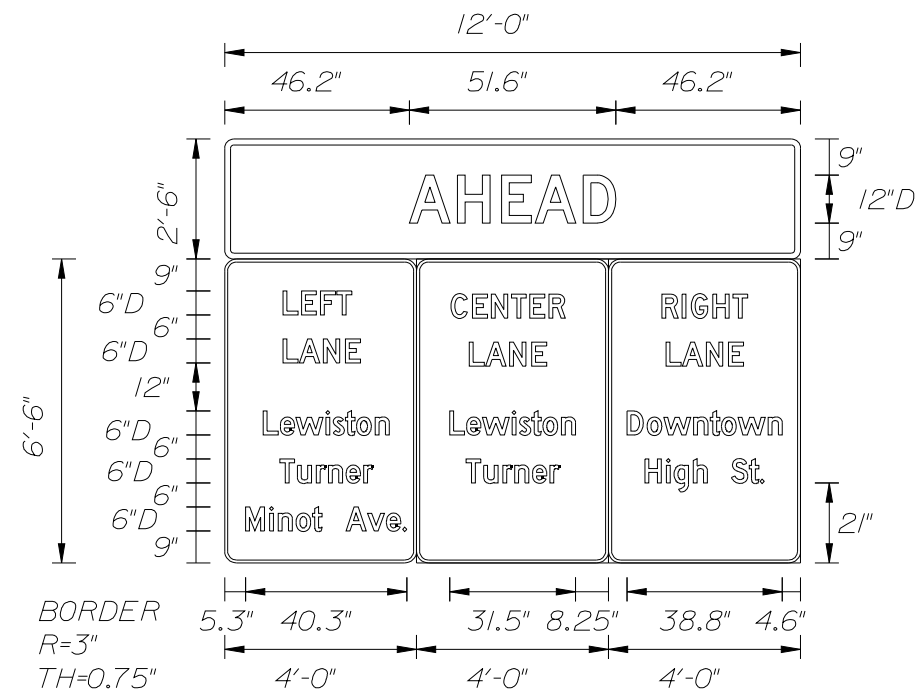


GUIDE SIGN #1
MINOT AVENUE

STA. 126+80.0 36.5' LT.
EASTBOUND APPROACH

DOUBLE W10X22 POSTS
24" FOUNDATIONS

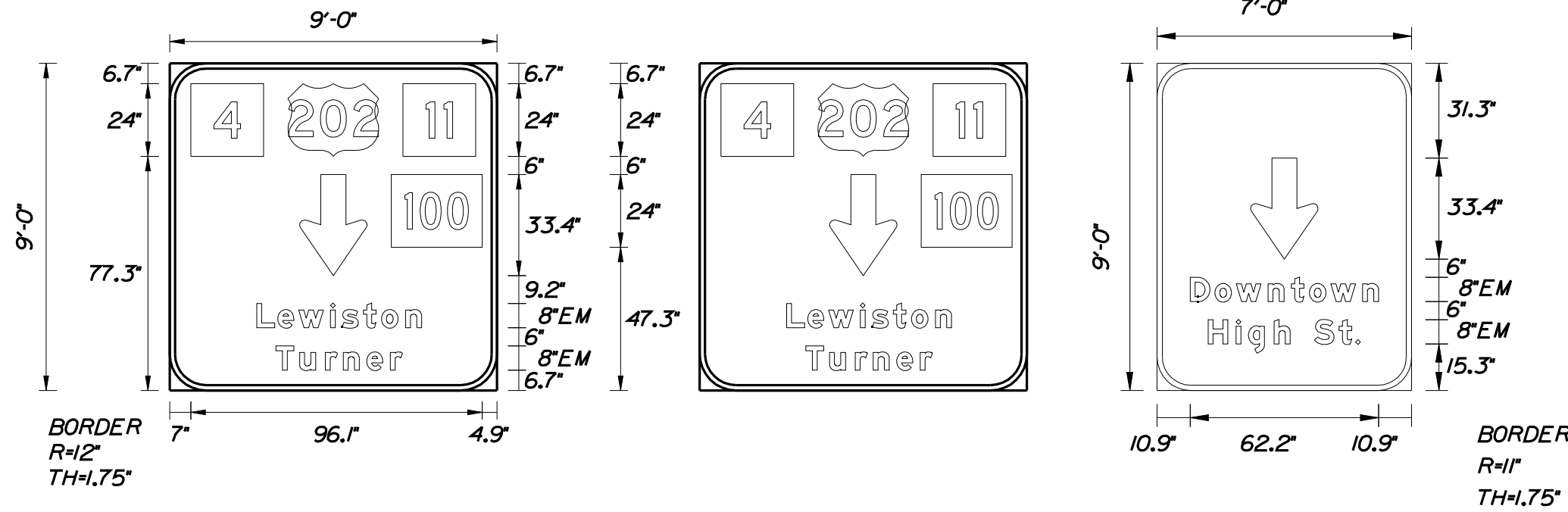
TRANSPO BREAK-SAFE MODEL B650
WITH TYPE B ANCHORS
TYPE I SIGN



GUIDE SIGN #2A
WASHINGTON STREET

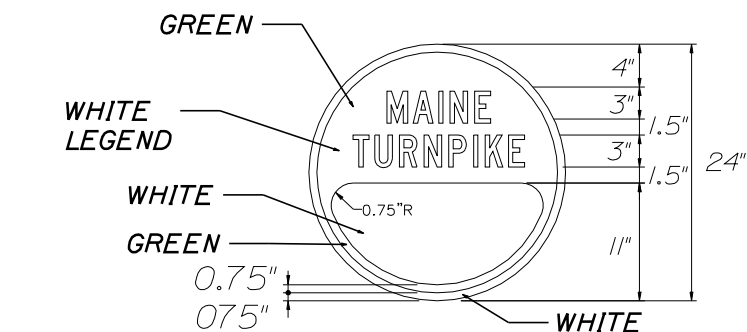
STA. 214+06.0, 26.0' LT.
NORTHBOUND APPROACH

DOUBLE W8X18 POSTS
24" FOUNDATIONS
TYPE I SIGN

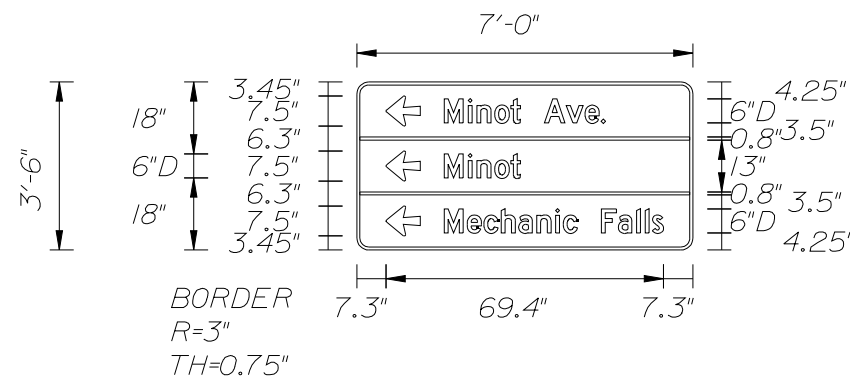


GUIDE SIGN #2
WASHINGTON STREET NORTH
OVERHEAD

STA. 203+52.5 LT./RT.
TYPE I SIGN



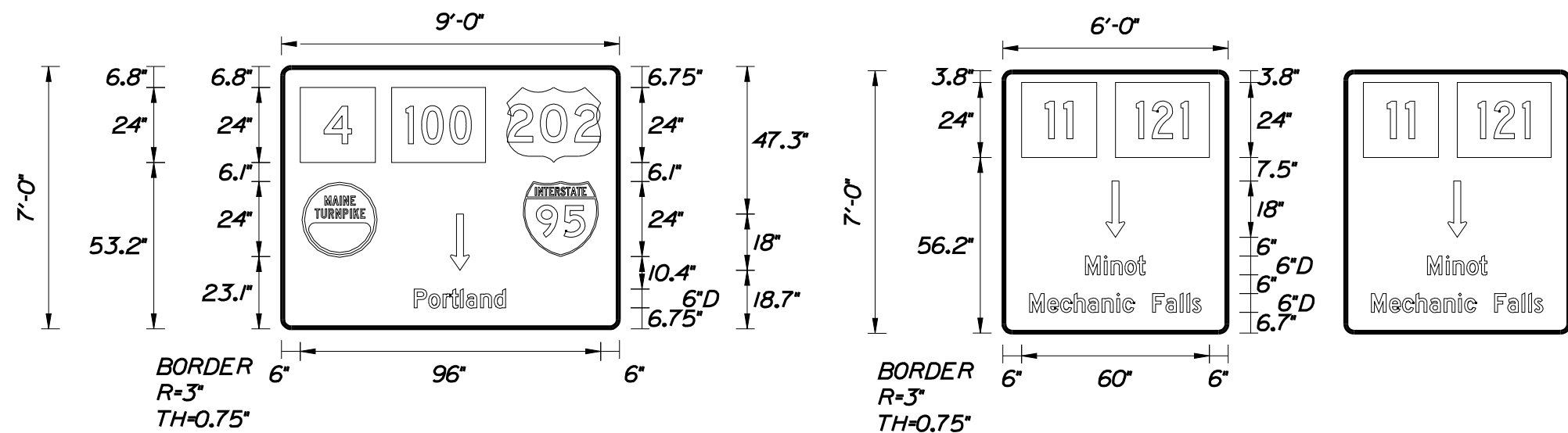
MAINE TURNPIKE SHIELD
DETAIL



GUIDE SIGN #3
WASHINGTON STREET NORTH

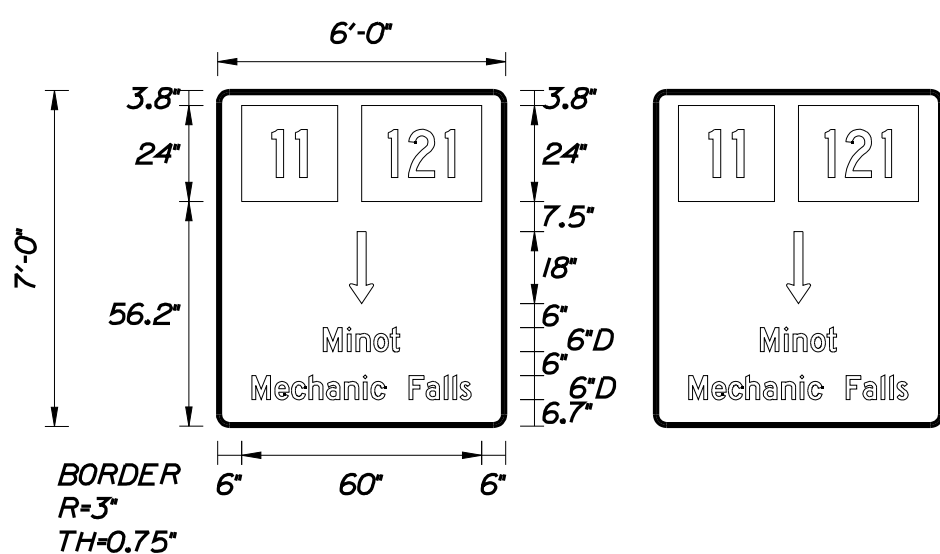
STA. 204+12.5, 24.0' RT.
NORTHBOUND APPROACH

DOUBLE 4" X 6" WOOD POSTS
TYPE II SIGN



GUIDE SIGN #4A
MINOT AVENUE WESTBOUND
CANTILEVER SIGN

STA. 110+70.0, 29.5' LT.
TYPE I SIGN



GUIDE SIGN #4B
MINOT AVENUE WESTBOUND
CANTILEVER SIGN

STA. 111+14.0, 30.0' RT.
TYPE I SIGN

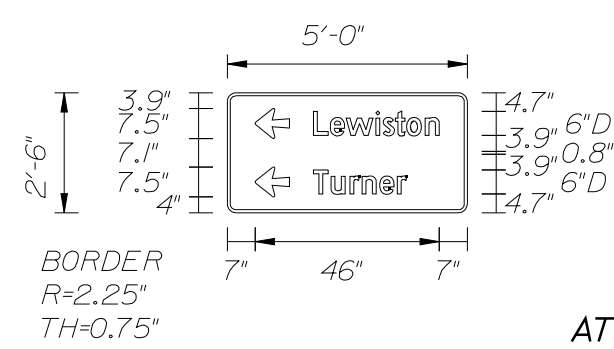
NOTES:

1. ALL UNITS ARE IN INCHES.
2. TYPE I GUIDE SIGNS ARE WHITE ON GREEN BACKGROUND.
3. ROUTE MARKERS BLACK ON WHITE BACKGROUND.

4. SHEETING SHALL BE ASTM TYPE III "HIGH INTENSITY PRISMATIC" RETROREFLECTIVITY OR BETTER.
5. SIGN POSTS WITHIN SAFETY CLEAR ZONE SHALL INCLUDE THE BREAKAWAY SUPPORT SYSTEM DESIGNATED FOR THE APPLICABLE SIGN.

NOT TO SCALE

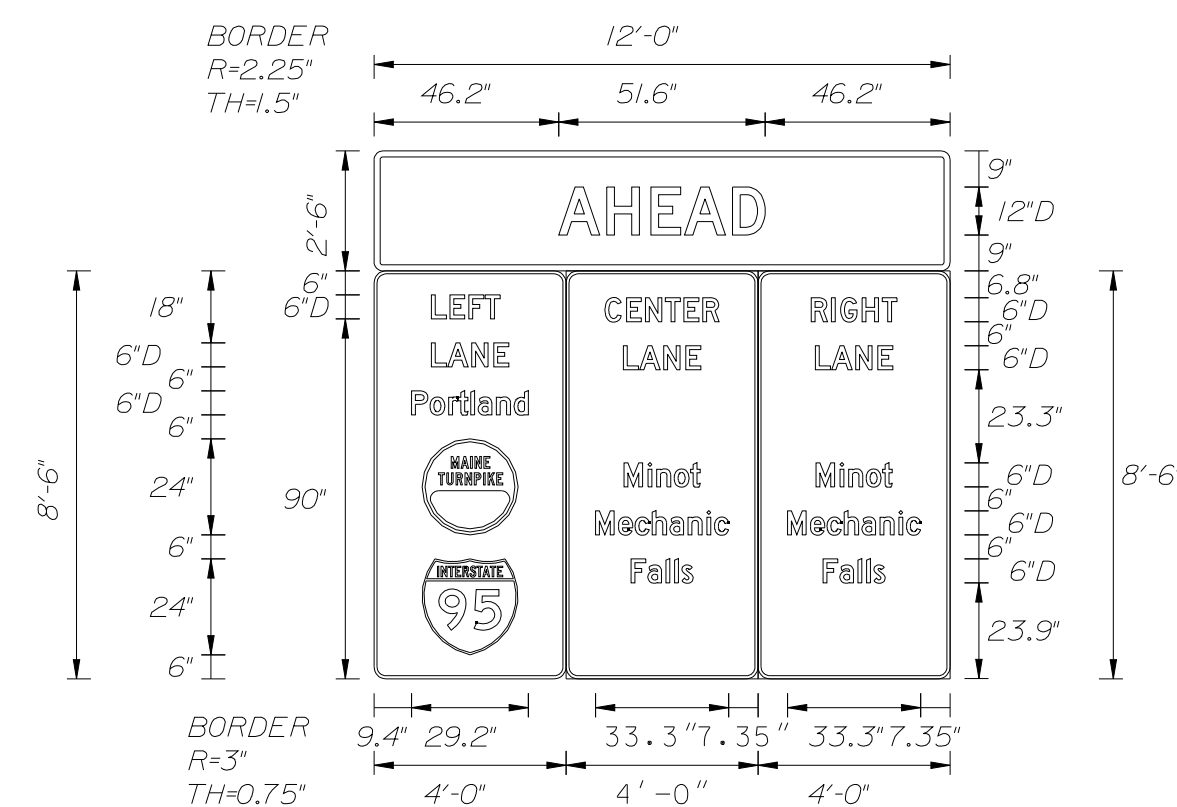
SHEET NUMBER		AUBURN WASHINGTON ST & MINOT AVE		PROJ. MANAGERPAUL MACDONALD		BY	DATE
				DESIGN-DETAILED ALC		JLE	7-12
SIGN DETAILS		CHECKED-REVIEWED ALC		DESIGN2-DETAILED2 JLE		SIGNATURE 4226	
		DESIGN3-DETAILED3		SIGN 2 & 3 LOCATIONS		P.E. NUMBER OCTOBER 8, 2012	
		REVISIONS 1		REVISIONS 2		DATE	
		REVISIONS 3		REVISIONS 4			
		FIELD CHANGES					
4		OF 19		STATE OF MAINE DEPARTMENT OF TRANSPORTATION STP-1159(910)X WIN 11599.10 HIGHWAY PLANS			



GUIDE SIGN #5
WASHINGTON STREET SOUTH

STA. 18+00.0, 26.0' LT.
SOUTHBOUND APPROACH

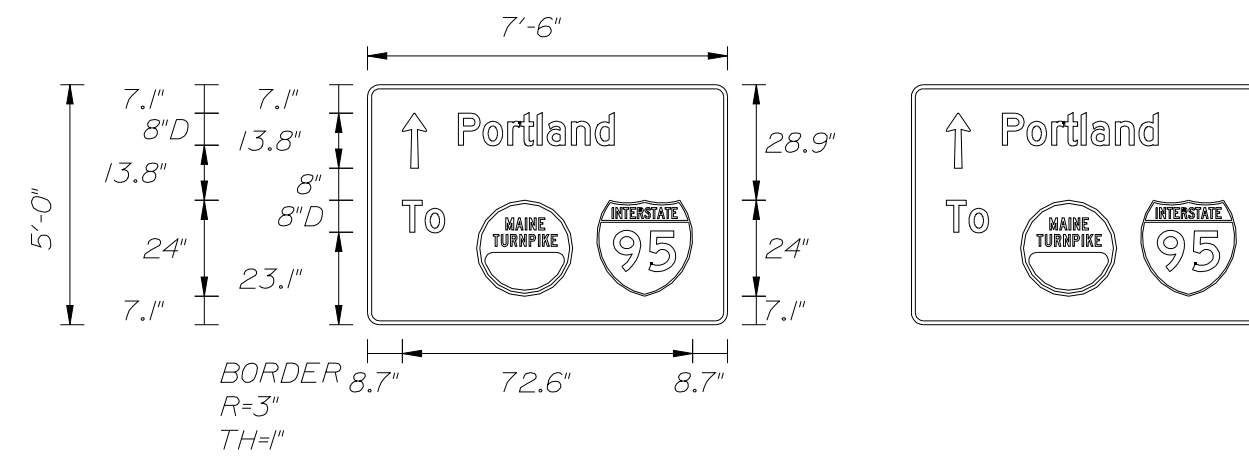
DOUBLE 4" X 4" WOOD POSTS
TYPE II SIGN



GUIDE SIGN #7
MINOT AVENUE

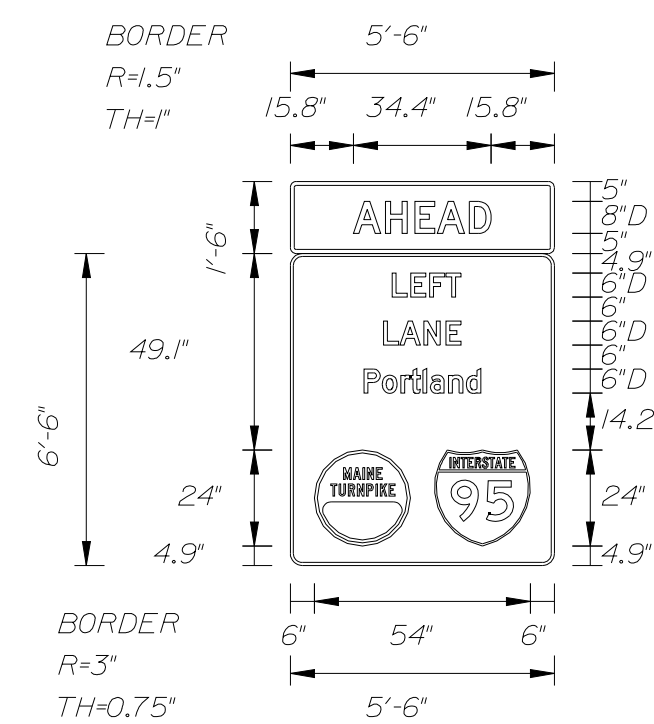
DOUBLE W10X22
24" FOUNDATIONS

TRANSPO BREAK-SAFE MODEL B650
WITH TYPE B ANCHORS
TYPE I SIGN



GUIDE SIGN #6
WASHINGTON STREET SOUTH

CANTILEVER SIGN
TYPE I SIGN



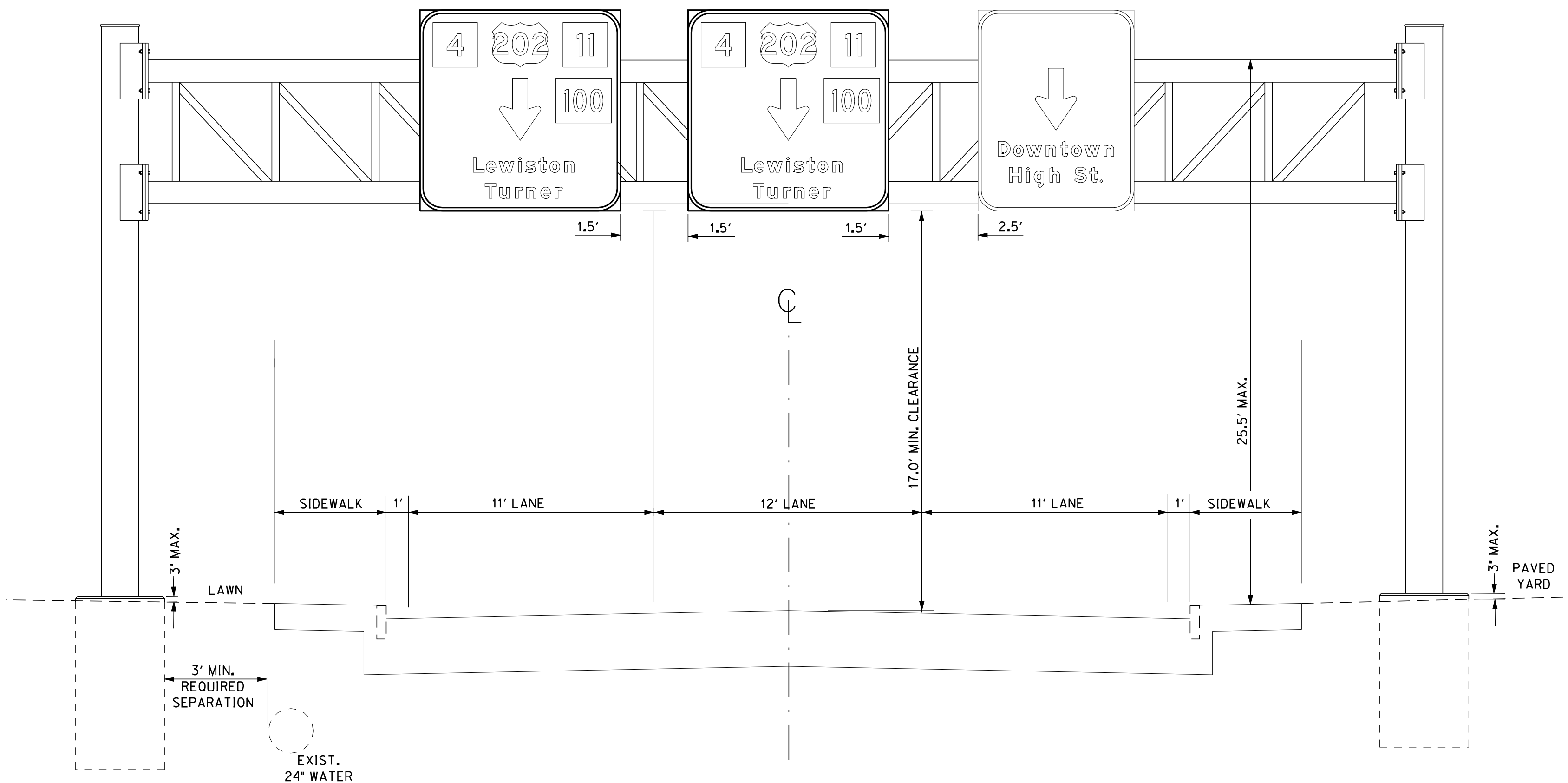
STA. 100+50.0, 31.0' RT.
WESTBOUND APPROACH

DOUBLE W8X18
24" FOUNDATIONS
TYPE I SIGN

NOTES:

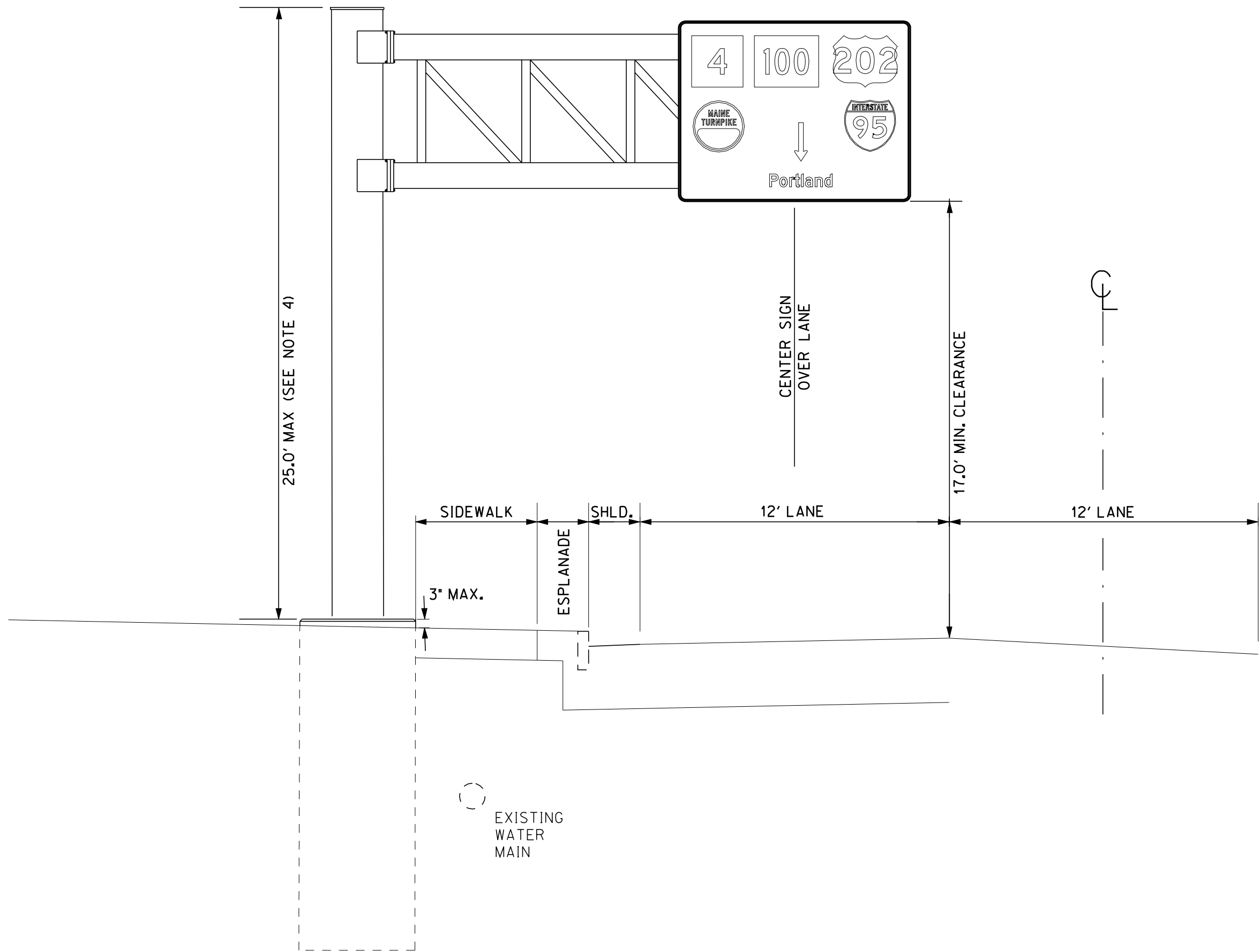
1. ALL UNITS ARE IN INCHES.
2. TYPE I GUIDE SIGNS ARE WHITE ON GREEN BACKGROUND.
3. ROUTE MARKERS BLACK ON WHITE BACKGROUND.
4. SHEETING SHALL BE ASTM TYPE III "HIGH INTENSITY PRISMATIC" RETROREFLECTIVITY OR BETTER.
5. SIGN POSTS WITHIN SAFETY CLEAR ZONE SHALL INCLUDE THE BREAKAWAY SUPPORT SYSTEM DESIGNATED FOR THE APPLICABLE SIGN.

OVERHEAD SIGNING
CONSTRUCTION NOTES - GUIDE SIGN #2



1. The Contractor shall be responsible for final design of the non-cantilevered support structure, attachment of signs to the monotube or truss arms, and foundations for overhead signing. All design shall be prepared and stamped by a licensed Professional Engineer. Design computations and shop drawings shall be submitted for approval by the Department. No materials shall be ordered or fabricated until the design has been approved.
2. The location of the proposed overhead signage along the roadway will be as shown on the plans. Support foundations are intended to be constructed behind existing sidewalks. Existing right of way width at the sign location is 3 rods (49.5'). All construction must be completed within the limits of existing right of way and acquired easements.
3. The locations of the existing gas and water mains shall be confirmed before commencing any excavation for the foundations.
4. Aerial utility conductors over the proposed truss span overhead sign structure will require vertical adjustment to provide adequate separation from the sign support structure. Adjustment of the utility conductors will be performed by the utilities. Design of the sign support structure shall be based on the top truss arm not exceeding 25.5' height above the easterly sidewalk. Operation of equipment for construction of foundations or the sign structure shall not exceed this vertical limit within 10' horizontally from aerial electric conductors.
5. The Contractor shall be responsible for engaging a geotechnical engineer to obtain soil samples at the proposed overhead sign foundation locations and to test soil samples to determine soil properties for foundation design. Costs will be incidental to payment under Section 645.
6. All design, materials and fabrication of signs, sign support structures and foundations shall meet the requirements of the latest edition of the AASHTO "Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals" and interim specifications thereto, the "State of Maine Department of Transportation Standard Specifications, Revision of December 2002" and supplemental specifications thereto, and the "State of Maine Department of Transportation Standard Details, Revision of December 2002" and latest revisions.
7. Total area of signs for Guide Sign Location #2 = 225 s.f.
8. Basic wind speed for calculation of wind loads shall use the 50-year mean recurrence interval 3-second gust speed isochron map of the AASHTO specifications.
9. Minimum fatigue design default values for the non-cantilevered sign support structure shall be classified as Fatigue Category I with Fatigue Importance Factors (If) of I.O for Natural Wind Gusts and I.O for Truck-Induced Gusts.
10. Additional theoretical sign load shall be computed by increasing the sign widths of the multiple sign installation by 25% toward the outside sign edges. The height for purposes of load calculations shall be increased by 25% without changing the bottom edge elevation of the signs.
11. The specified minimum vertical clearance of signs and support structure applies to the maximum deflected position over the roadway.
12. Concrete for the overhead sign structure foundations shall be Class LP.
13. Signs shall meet the requirements for Type I Guide Signs.
14. Reflective sheeting for overhead signs shall be High Intensity Prismatic grade.
15. Any damage to slopes or pavement resulting from installation of overhead sign structures and foundations shall be repaired by the Contractor as directed by the Resident. Costs of repairs shall be incidental to payment under Section 645.
16. Payment for overhead signing at this location will be made under Pay Item 645.12, Overhead Guide Sign: Sta. 204+12.5, Lump Sum, and will be full compensation for all labor, equipment and materials for the accepted complete sign installation including, but not limited to, overhead guide signs, sign support structure and foundations, excavation, excavation stabilization, backfill, replacement of subbase gravel, replacement or repair of highway and sidewalk pavement, slope regrading, and placement of loam, seed and mulch on disturbed slopes. Payment for construction traffic control will be made under applicable pay items of Section 652.

WESTBOUND MINOT AVENUE APPROACH
GUIDE SIGN 4A



OVERHEAD SIGNING
CONSTRUCTION NOTES - GUIDE SIGN #4A

- The Contractor shall be responsible for final design of the cantilevered support structure, attachment of signs to the cantilever arm(s), and foundation for overhead signing. All design shall be prepared and stamped by a licensed Professional Engineer. Design computations and shop drawings shall be submitted for approval by the Department. No materials shall be ordered or fabricated until the design has been approved.
- The location of the proposed overhead signage along the roadway will be as shown on the plans or as approved by the Resident. The support foundation is intended to be constructed behind the existing sidewalk. The foundation alternatively may be set behind the aerial utility lines with the cantilever arms projecting beneath the utility conductors. All construction must be completed within the limits of existing right of way. Right of way offset distance from the highway baseline in the area of the proposed overhead signage is approximately 41.5'. Total right of way width is 75'.
- The location of the existing water main shown in the sidewalk shall be confirmed before commencing any excavation for the foundation.
- Aerial utility conductors adjacent to the proposed cantilevered overhead sign pole structure will require vertical adjustment on the utility poles to provide adequate separation from the sign support structure. Adjustment of the utility conductors will be performed by the utilities. Design of the sign support structure shall be based on a vertical member not exceeding 25.0' height above the top of the foundation, if installed between aerial utilities and the roadway. If cantilever arms will project beneath aerial utilities, the top of the upper cantilever arm shall be no higher than 24.5' above the elevation of the sidewalk. Operation of equipment for construction of foundations or the sign structure shall not exceed this vertical limit within 10' horizontally from aerial electric conductors.
- The Contractor shall be responsible for engaging a geotechnical engineer to obtain soil samples at the proposed overhead sign foundation location and to test soil samples to determine soil properties for foundation design. Costs will be incidental to payment under Section 645.
- All design, materials and fabrication of signs, sign support structures and foundations shall meet the requirements of the latest edition of the AASHTO "Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals" and interim specifications thereto, the "State of Maine Department of Transportation Standard Specifications, Revision of December 2002" and supplemental specifications thereto, and the "State of Maine Department of Transportation Standard Details, Revision of December 2002" and latest revisions.
- Total sign area for Guide Sign Location #4A = 63 s.f.
- Basic wind speed for calculation of wind loads shall use the 50-year mean recurrence interval 3-second gust speed isotach map of the AASHTO specifications.
- Minimum fatigue design default values for the cantilever sign support structure shall be classified as Fatigue Category I with Fatigue Importance Factors (If) of 1.0 for Galloping, 1.0 for Natural Wind Gusts and 1.0 for Truck-Induced Gusts.
- Additional theoretical sign load shall be computed by increasing the sign widths of the multiple sign installation by 25% toward the outside sign edges. The height for purposes of load calculations shall be increased by 25% without changing the bottom edge elevation of the signs.
- The specified minimum vertical clearance of signs and support structure applies to the maximum deflected position over the roadway.
- Concrete for the overhead sign structure foundation shall be Class LP.
- Signs shall meet the requirements for Type I Guide Signs.
- Reflective sheeting for overhead signs shall be High Intensity Prismatic grade.
- Any damage to slopes or pavement resulting from construction shall be repaired by the Contractor as directed by the Resident. Costs of repairs shall be incidental to payment under Section 645.
- Payment for overhead signing at this location will be made under Pay Item 645.15, Cantilever Guide Sign: Sta. 110+70.0, Lump Sum, and will be full compensation for all labor, equipment and materials for the accepted complete sign installation including, but not limited to, overhead guide signs, sign support structure and foundation, excavation, excavation stabilization, backfill, replacement of subbase gravel, replacement or repair of highway and sidewalk pavement, slope regrading, and placement of loam, seed and mulch on disturbed slopes. Payment for construction traffic control will be made under applicable pay items of Section 652.

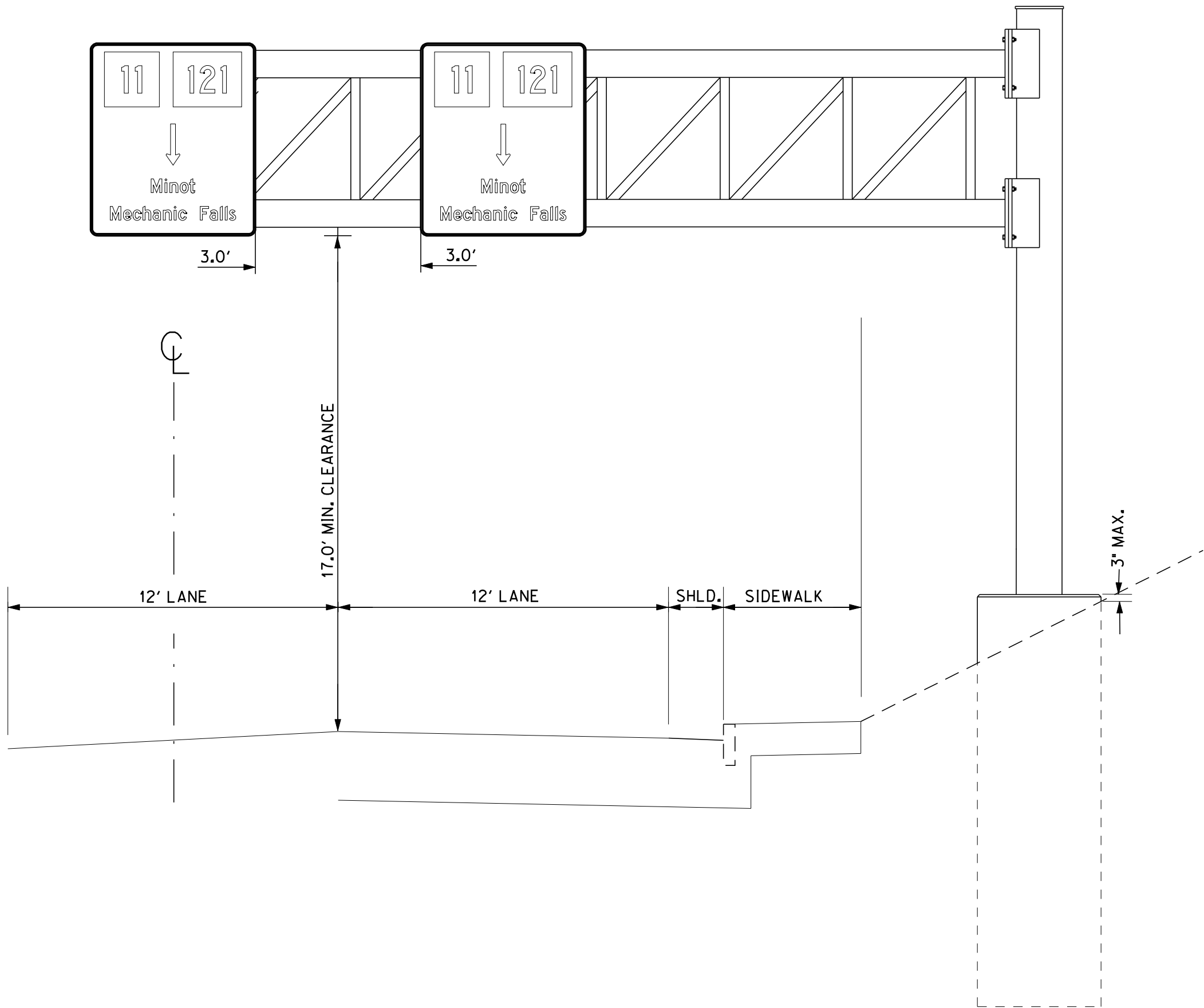
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
STP-1159(910)X
WIN 11599.10
HIGHWAY PLANS

PROJ. MANAGER	PAUL MACDONALD	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGN-DETAILED	ALC	JLE	7-12	4226	OCTOBER 8, 2012	
CHECKED-REVIEWED	ALC		10-12			
DESIGN-DETAILED	JLE		7-12			
DESIGN-DETAILED						
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						

AUBURN WASHINGTON ST & MINOT AVE
SIGN DETAILS

SHEET NUMBER
2
OF 19

WESTBOUND MINOT AVENUE APPROACH
GUIDE SIGN 4B



OVERHEAD SIGNING
CONSTRUCTION NOTES - GUIDE SIGN #4B

1. The Contractor shall be responsible for final design of the cantilever support structure, attachment of signs to the cantilever arm(s), and foundation for overhead signing. All design shall be prepared and stamped by a licensed Professional Engineer. Design computations and shop drawings shall be submitted for approval by the Department. No materials shall be ordered or fabricated until the design has been approved.
2. The location of the proposed overhead signage along the roadway will be as shown on the plans. The support foundation is intended to be constructed behind the existing sidewalk and not to disturb the existing adjacent binwall retaining wall. All construction must be completed within the limits of existing right of way and acquired easements. Right of way offset distance from the highway baseline in the area of the proposed overhead signage is approximately 25.5'. Total right of way width is 4 rods (66').
3. The Contractor shall be responsible for engaging a geotechnical engineer to obtain soil samples at the proposed overhead sign foundation location and to test soil samples to determine soil properties for foundation design. Costs will be incidental to payment under Section 645.
4. All design, materials and fabrication of signs, sign support structures and foundations shall meet the requirements of the latest edition of the AASHTO "Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals" and interim specifications thereto, the "State of Maine Department of Transportation Standard Specifications, Revision of December 2002" and supplemental specifications thereto, and the "State of Maine Department of Transportation Standard Details, Revision of December 2002" and latest revisions.
5. Total sign area for Guide Sign Location #4B = 84 s.f.
6. Basic wind speed for calculation of wind loads shall use the 50-year mean recurrence interval 3-second gust speed isotach map of the AASHTO specifications.
7. Minimum fatigue design default values for the cantilever sign support structure shall be classified as Fatigue Category I with Fatigue Importance Factors (If) of 1.0 for Galloping, 1.0 for Natural Wind Gusts and 1.0 for Truck-Induced Gusts.
8. Additional theoretical sign load shall be computed by increasing the sign widths of the multiple sign installation by 25% toward the outside sign edges. The height for purposes of load calculations shall be increased by 25% without changing the bottom edge elevation of the signs.
9. The specified minimum vertical clearance of signs and support structure applies to the maximum deflected position over the roadway.
10. Concrete for the overhead sign structure foundation shall be Class LP.
11. Signs shall meet the requirements for Type I Guide Signs.
12. Reflective sheeting for overhead signs shall be High Intensity Prismatic grade.
13. Any damage to slopes or pavement resulting from construction shall be repaired by the Contractor as directed by the Resident. Costs of repairs shall be incidental to payment under Section 645.
14. Payment for overhead signing at this location will be made under Pay Item 645.15, Cantilever Guide Sign: Sta. 111+14.0, Lump Sum, and will be full compensation for all labor, equipment and materials for the accepted complete sign installation including, but not limited to, overhead guide signs, sign support structure and foundation, excavation, excavation stabilization, backfill, replacement of subbase gravel, replacement or repair of highway and sidewalk pavement, slope regrading, and placement of loam, seed and mulch on disturbed slopes. Payment for construction traffic control will be made under applicable pay items of Section 652.

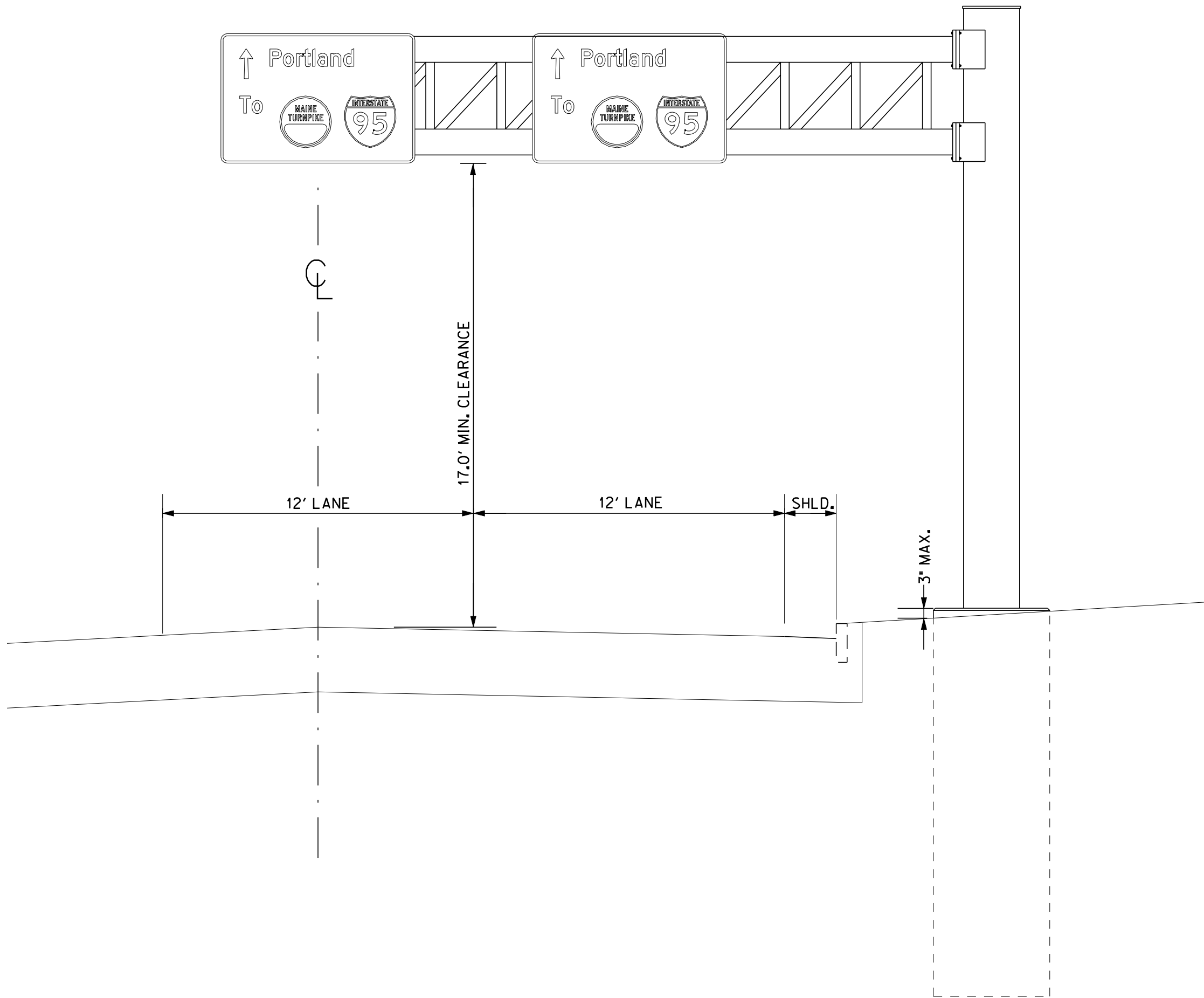
NOT TO SCALE

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
AUBURN		WASHINGTON ST & MINOT AVE	
STP-1159(910)X		SIGN DETAILS	
WIN		SHEET NUMBER	
1159S.10		8	
HIGHWAY PLANS		OF 19	

PROJ. MANAGER	PAIL	MACDONALD	BY	DATE
DESIGN-DETAILED	ALC	JLE	7-12	7-12
CHECKED-REVIEWED	ALC	JLE	10-12	10-12
DESIGN-DETAILED	JLE		7-12	7-12
DESIGN-DETAILED				
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

SIGNATURE	DATE
4226	OCTOBER 8, 2012
P.E. NUMBER	
DATE	

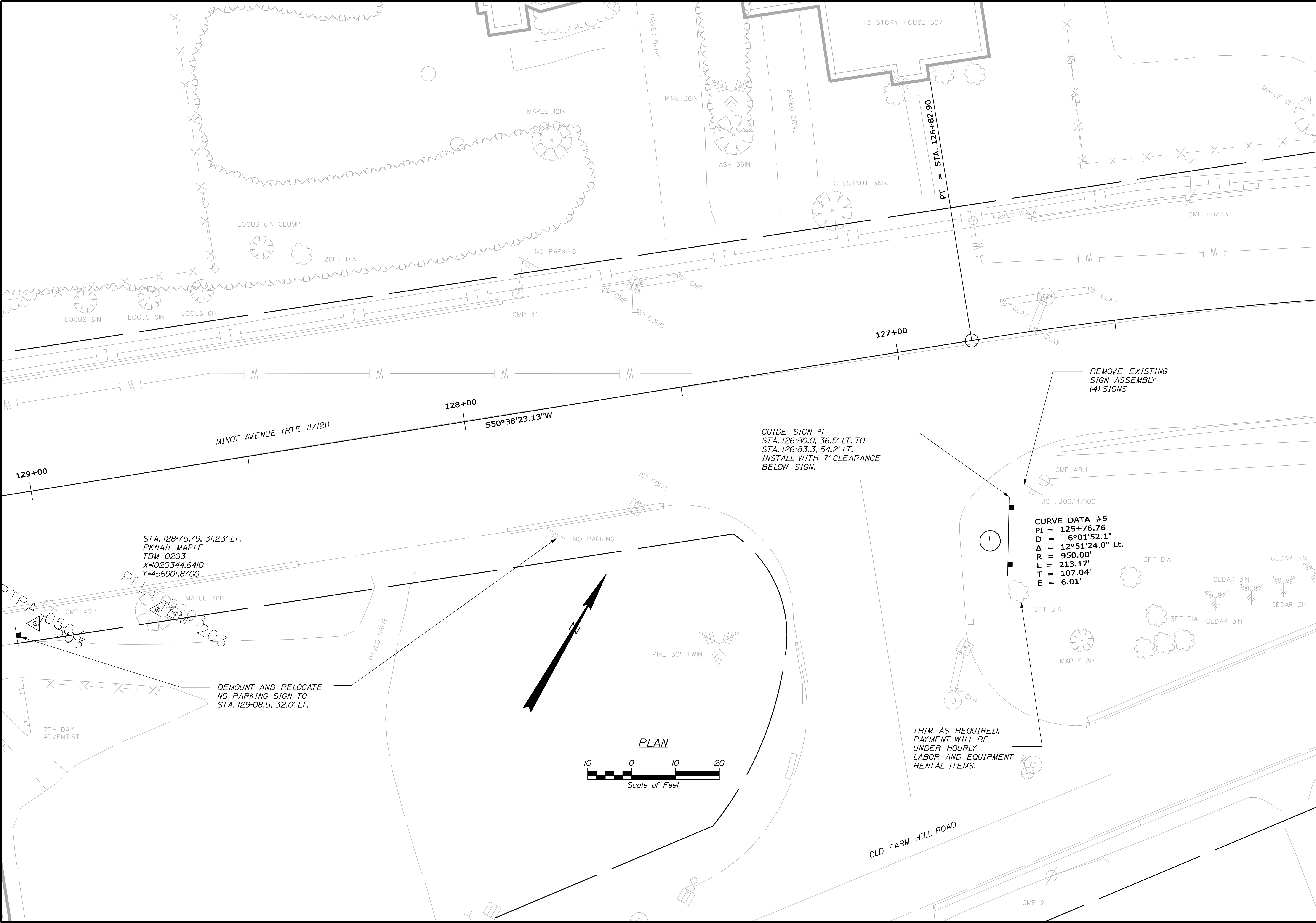
SOUTHBOUND WASHINGTON STREET APPROACH
GUIDE SIGN 6



OVERHEAD SIGNING
CONSTRUCTION NOTES - GUIDE SIGN #6

- 1.The Contractor shall be responsible for final design of the cantilever support structure, attachment of signs to the cantilever arm(s), and foundation for overhead signing. All design shall be prepared and stamped by a licensed Professional Engineer. Design computations and shop drawings shall be submitted for approval by the Department. No materials shall be ordered or fabricated until the design has been approved.
2. The location of the proposed overhead signage along the roadway will be as shown on the plans or as approved by the Resident. All construction must be completed within the limits of existing right of way between Washington Street and Tyler Street.
3. The location of the existing water main shall be confirmed before commencing any excavation for the foundation.
4. The Contractor shall be responsible for engaging a geotechnical engineer to obtain soil samples at the proposed overhead sign foundation location and to test soil samples to determine soil properties for foundation design. Costs will be incidental to payment under Section 645.
5. All design, materials and fabrication of signs, sign support structures and foundations shall meet the requirements of the latest edition of the AASHTO "Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals" and interim specifications thereto, the "State of Maine Department of Transportation Standard Specifications, Revision of December 2002" and supplemental specifications thereto, and the "State of Maine Department of Transportation Standard Details, Revision of December 2002" and latest revisions.
6. Total sign area for Guide Sign Location #6 = 75 s.f.
7. Basic wind speed for calculation of wind loads shall use the 50-year mean recurrence interval 3-second gust speed isolath map of the AASHTO specifications.
8. Minimum fatigue design default values for the cantilever sign support structure shall be classified as Fatigue Category I with Fatigue Importance Factors (If) of 1.0 for Galloping, 1.0 for Natural Wind Gusts and 1.0 for Truck-Induced Gusts.
9. Additional theoretical sign load shall be computed by increasing the sign widths of the multiple sign installation by 25% toward the outside sign edges. The height for purposes of load calculations shall be increased by 25% without changing the bottom edge elevation of the signs.
10. The specified minimum vertical clearance of signs and support structure applies to the maximum deflected position over the roadway.
11. Concrete for the overhead sign structure foundation shall be Class LP.
12. Signs shall meet the requirements for Type I Guide Signs.
13. Reflective sheeting for overhead signs shall be High Intensity Prismatic grade.
14. Any damage to slopes or pavement resulting from construction shall be repaired by the Contractor as directed by the Resident. Costs of repairs shall be incidental to payment under Section 645.
15. Payment for overhead signing at this location will be made under Pay Item 645.15, Cantilever Guide Sign: Sta. 17+57.0, Lump Sum, and will be full compensation for all labor, equipment and materials for the accepted complete sign installation including, but not limited to, overhead guide signs, sign support structure and foundation, excavation, excavation stabilization, backfill, replacement of subbase gravel, replacement or repair of highway and sidewalk pavement, slope regrading, and placement of loam, seed and mulch on disturbed slopes. Payment for construction traffic control will be made under applicable pay items of Section 652.

SHEET NUMBER		AUBURN WASHINGTON ST & MINOT AVE		PROJ. MANAGER		PAIL	MACDONALD	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION STP-1159(910)X WIN 11599.10 HIGHWAY PLANS
				SIGNATURE		4226		P.E. NUMBER		
SIGN DETAILS		DESIGN-DETAILED		ALC		JLE		7-12		
		CHECKED-REVIEWED		ALC		JLE		10-12		
		DESIGN2-DETAILED2		JLE				7-12		
		DESIGN3-DETAILED3								
		REVISIONS 1								
		REVISIONS 2								
		REVISIONS 3								
		REVISIONS 4								
		FIELD CHANGES								



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-1159(910)X

WIN
11599.10

HIGHWAY PLANS

PROJ. MANAGER PAUL WAGDONALD	BY JLE	DATE 7-12
DESIGN-DETAILED JALC	CHECKED-REVIEWED ALG	10-12
DESIGNS-DETAILED JLE	DESIGNS-DETAILED JLE	7-12
REVISIONS 1	REVISIONS 2	REVISIONS 3
REVISIONS 4	REVISIONS 5	REVISIONS 6
FIELD CHANGES		

AUBURN
WASHINGTON ST & MINOT AVE

SIGNING PLANS

SHEET NUMBER

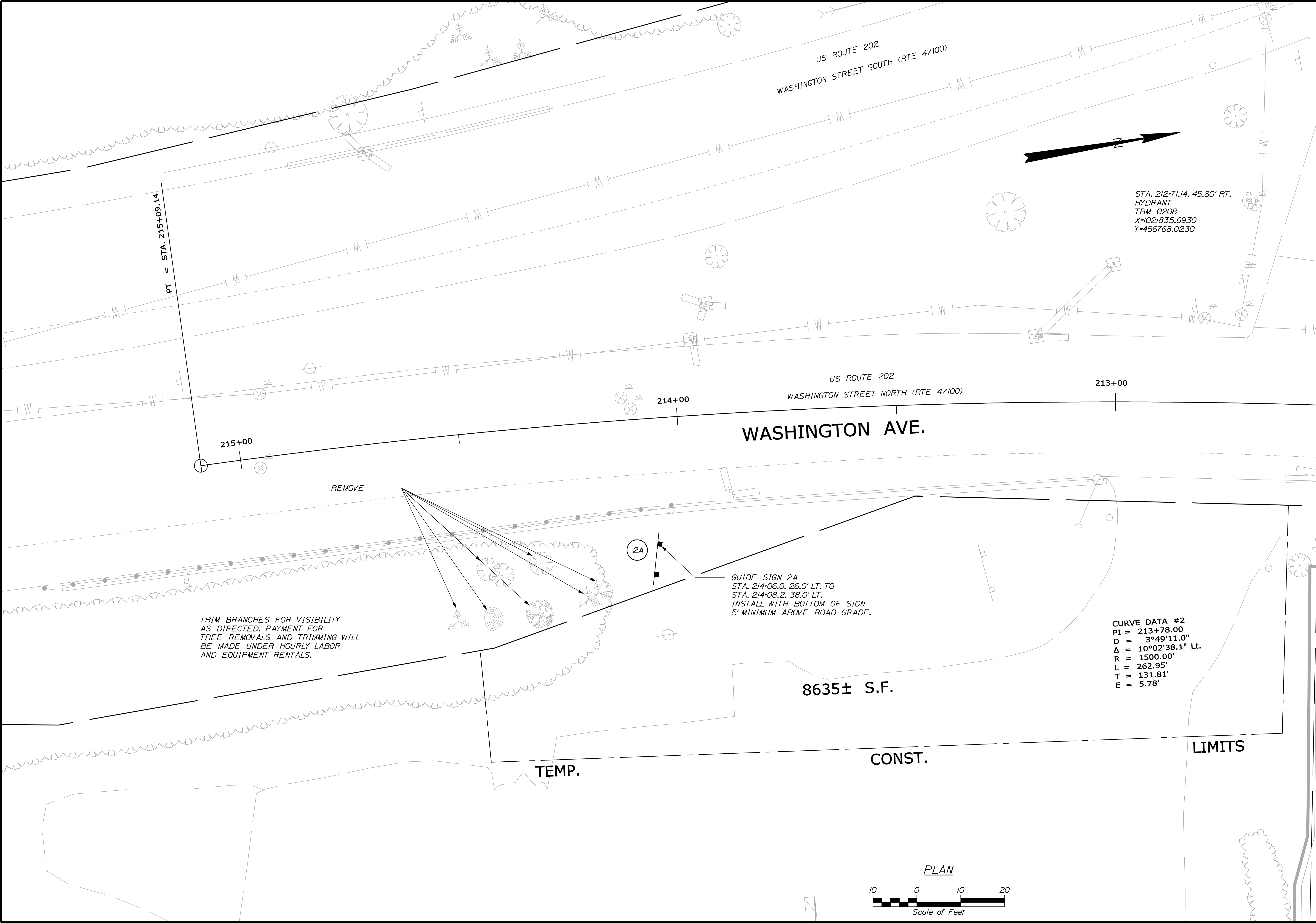
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OF 19

SIGNATURE
4226

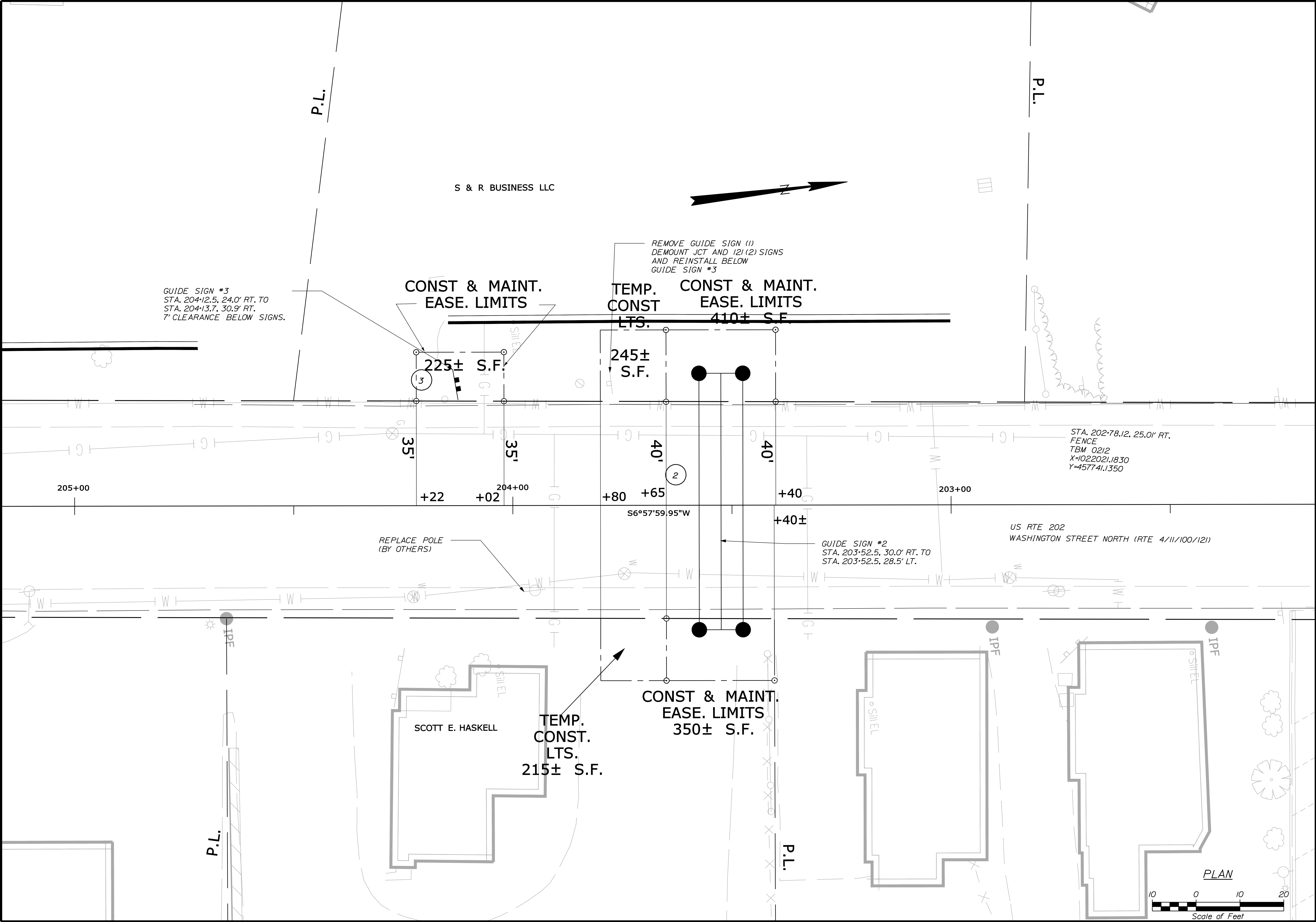
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OCTOBER 8, 2012

DATE

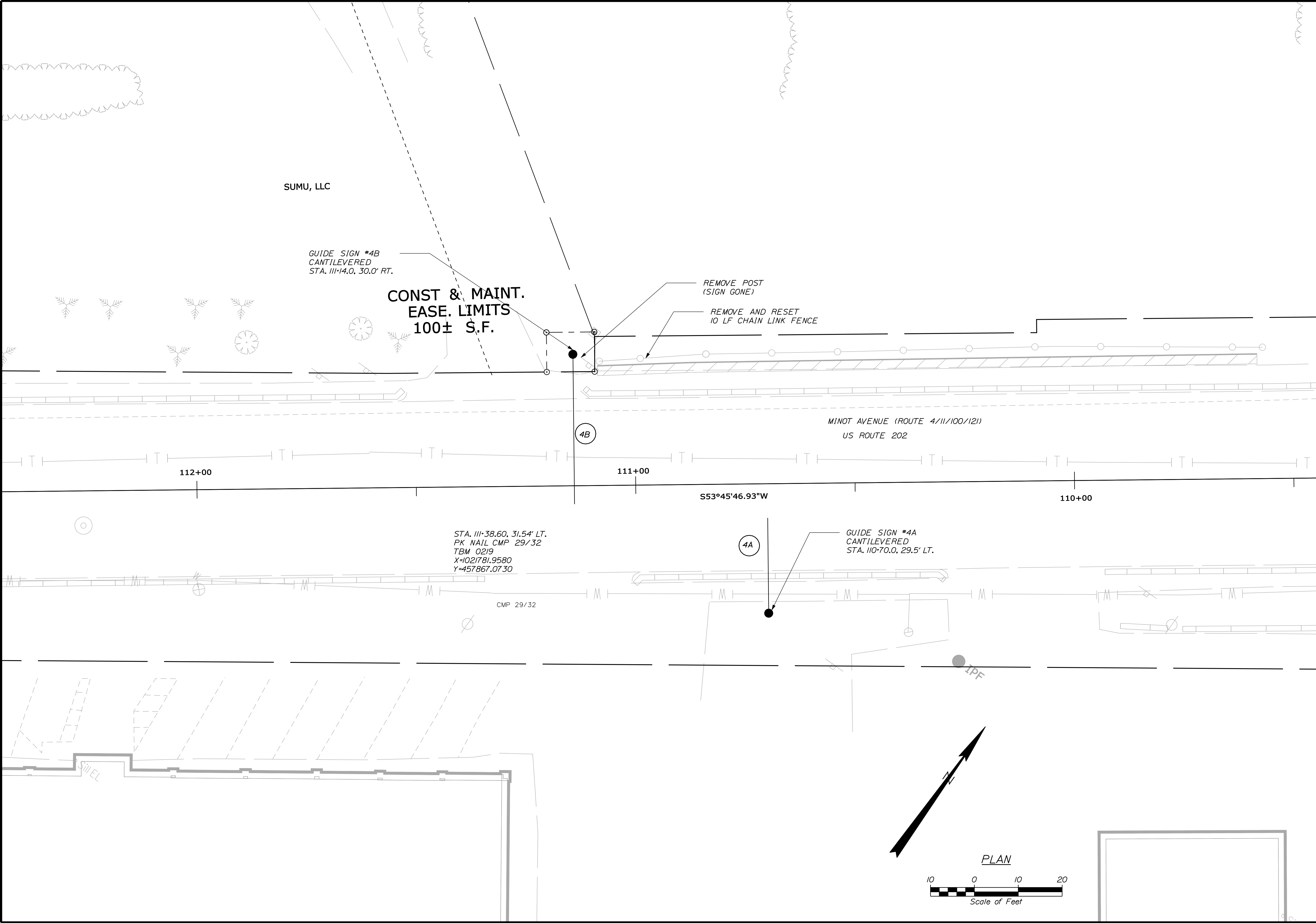


STATE OF MAINE DEPARTMENT OF TRANSPORTATION	STP-1159(910)X		WIN 1159S.10		HIGHWAY PLANS	
	SIGNING PLANS					
AUBURN WASHINGTON ST & MINOT AVE		SHEET NUMBER 11 OF 19				

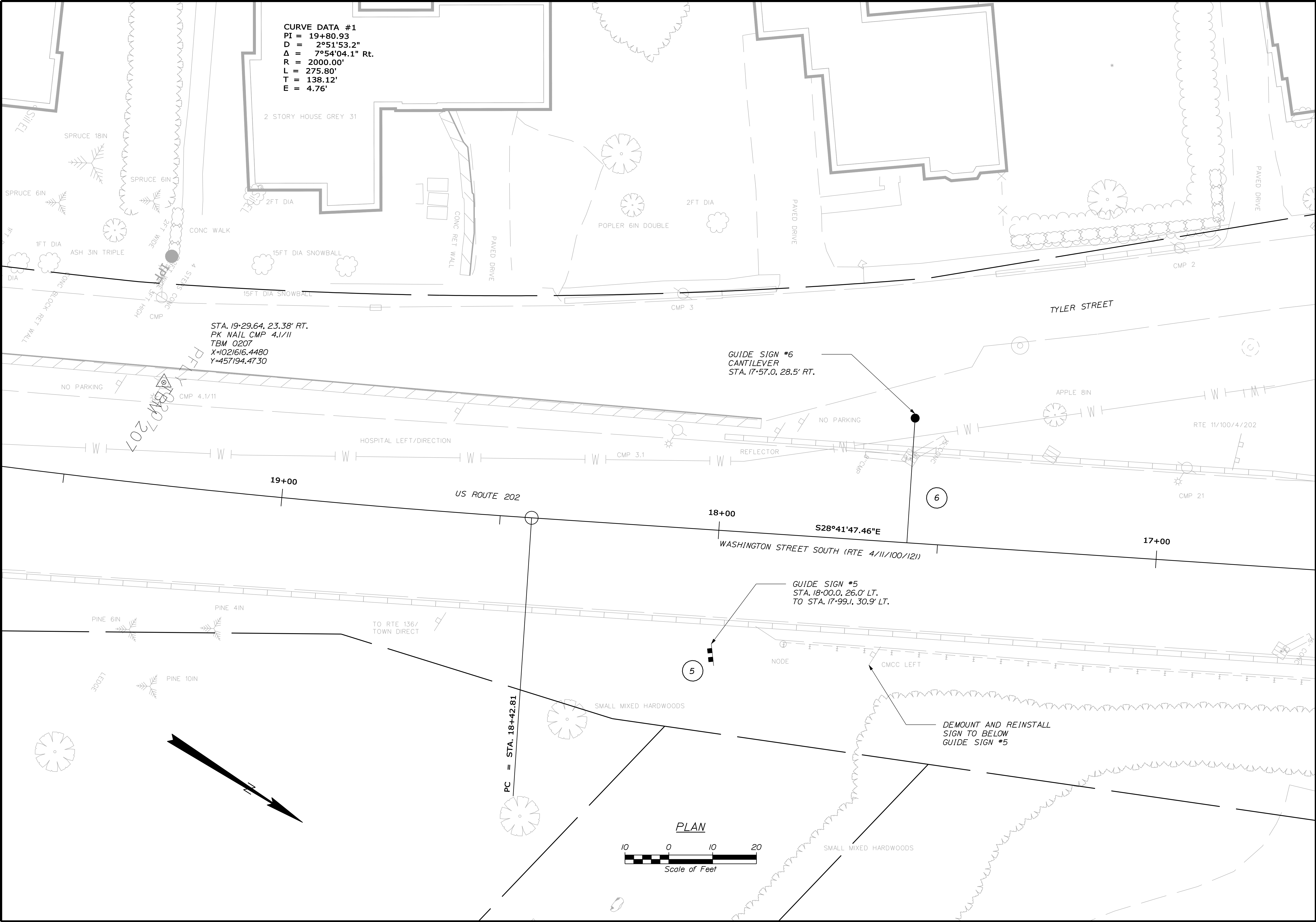
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REVISIONS 1	REVISIONS 2	P.E. NUMBER 4226
REVISIONS 3	REVISIONS 4	DATE OCTOBER 8, 2012
FIELD CHANGES		DATE



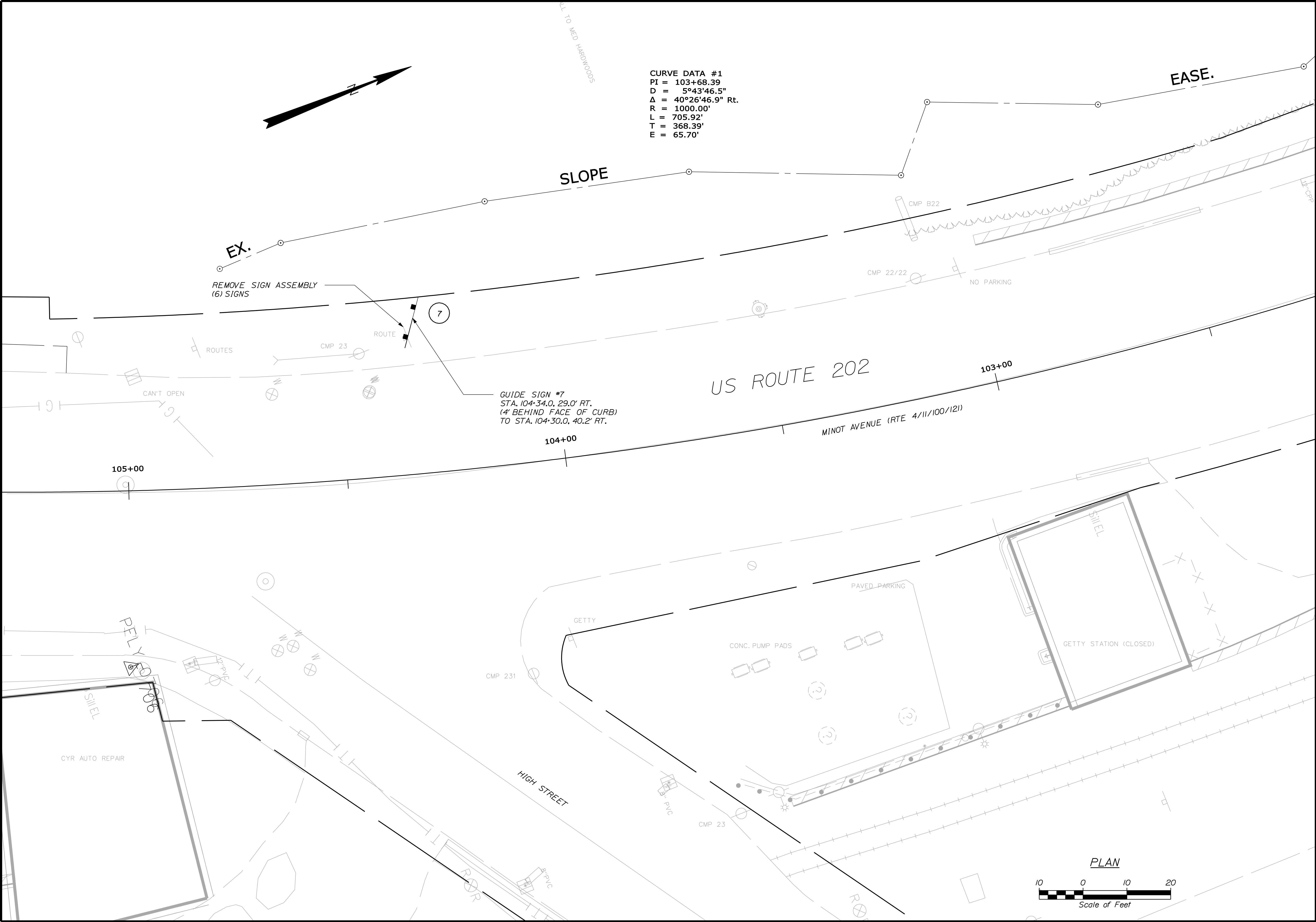
STATE OF MAINE			
DEPARTMENT OF TRANSPORTATION			
STP-1159(910)X			
WIN 11599.10			
HIGHWAY PLANS			
SIGNING PLANS			
SHEET NUMBER			
12			
OF 19			
AUBURN WASHINGTON ST & MINOT AVE			
DESIGN-DETAILED ALC		BY DATE	
CHECKED-REVIEWED ALC		JLE 7-12	
DESIGN2-DETAILED2 JLE		10-12	
DESIGN3-DETAILED3		7-12	
SIGN 283 LOCATIONS		SIGNATURE	
REVISIONS 1		4226	
REVISIONS 2		P.E. NUMBER	
REVISIONS 3		OCTOBER 8, 2012	
REVISIONS 4		DATE	
FIELD CHANGES			



STATE OF MAINE DEPARTMENT OF TRANSPORTATION STP-1159(910)X WIN 1159S.10 HIGHWAY PLANS	SIGNATURE 4226 P.E. NUMBER OCTOBER 8, 2012 DATE		PROJ. MANAGER PAUL MACDONALD	BY JLE	DATE 7-12
			DESIGNED-DETAILED ALC	CHECKED-REVIEWED ALC	DATE 10-12
			DESIGNED-DETAILED JLE	CHECKED-REVIEWED JLE	DATE 7-12
AUBURN WASHINGTON ST & MINOT AVE SIGNING PLANS			REVISIONS 1		
			REVISIONS 2		
			REVISIONS 3		
			REVISIONS 4		
FIELD CHANGES					
SHEET NUMBER 13 OF 19					



STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
STP-1159(910)X		WIN 1159S.10	
HIGHWAY PLANS		SIGNING PLANS	
SHEET NUMBER		14	
OF 19			
AUBURN		WASHINGTON ST & MINOT AVE	
BY		DATE	
JLE		7-12	
JLE		10-12	
JLE		7-12	
SIGNATURE		4226	
P.E. NUMBER		OCTOBER 8, 2012	
DATE			
PROJ. MANAGER PAUL WAGDONALD		DESIGN-DETAILED	
JLE		ALC	
JLE		CHECKED-REVIEWED	
JLE		DESIGN-DETAILED	
JLE		DESIGN-DETAILED	
JLE		REVISIONS 1	
JLE		REVISIONS 2	
JLE		REVISIONS 3	
JLE		REVISIONS 4	
JLE		FIELD CHANGES	



STATE OF MAINE

DEPARTMENT OF TRANSPORTATION

STP-1159(910)X

WIN 11599.10

HIGHWAY PLANS

DATE

7-12

BY

JLE

PROJ. MANAGER

PALL MACDONALD

DESIGNED-DETAILED

ALC

CHECKED-REVIEWED

ALC

DESIGNED-DETAILED

JLE

REVISIONS 1

REVISIONS 2

REVISIONS 3

REVISIONS 4

FIELD CHANGES

DATE

7-12

DATE

10-12

DATE

7-12

SIGNATURE

4226

P.E. NUMBER

OCTOBER 8, 2012

DATE

AUBURN

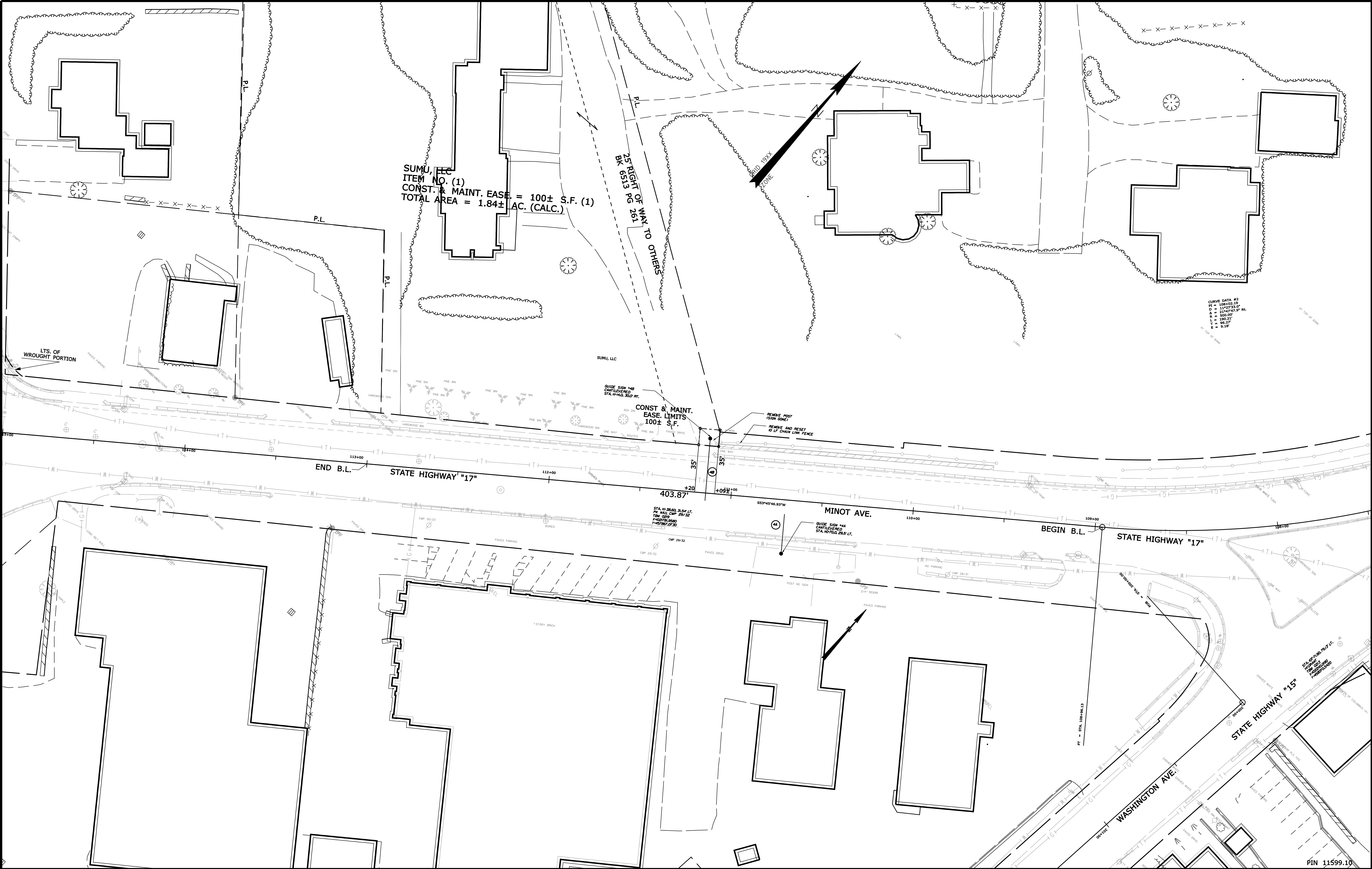
WASHINGTON ST & MINOT AVE

SIGNING PLANS

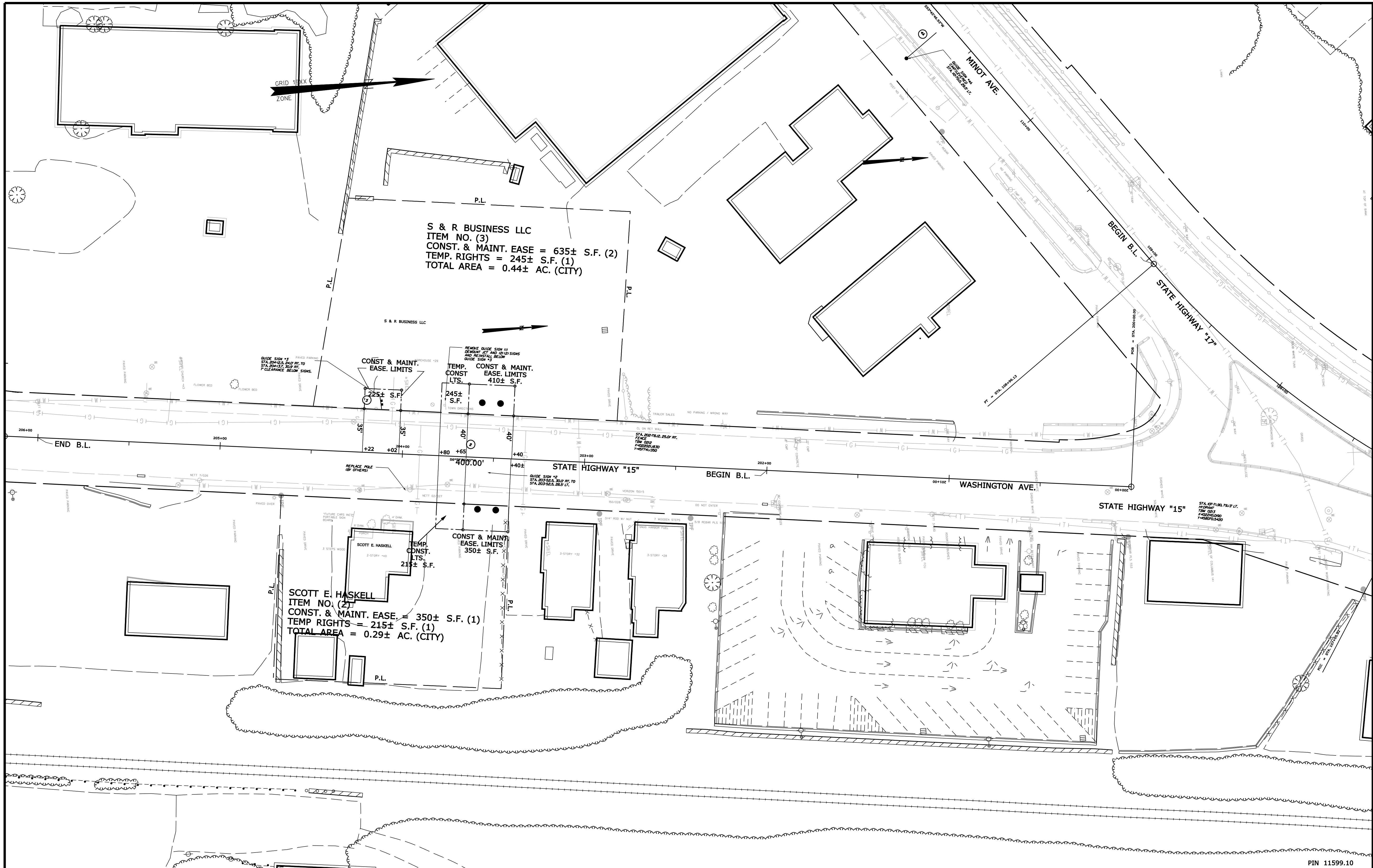
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OF 19

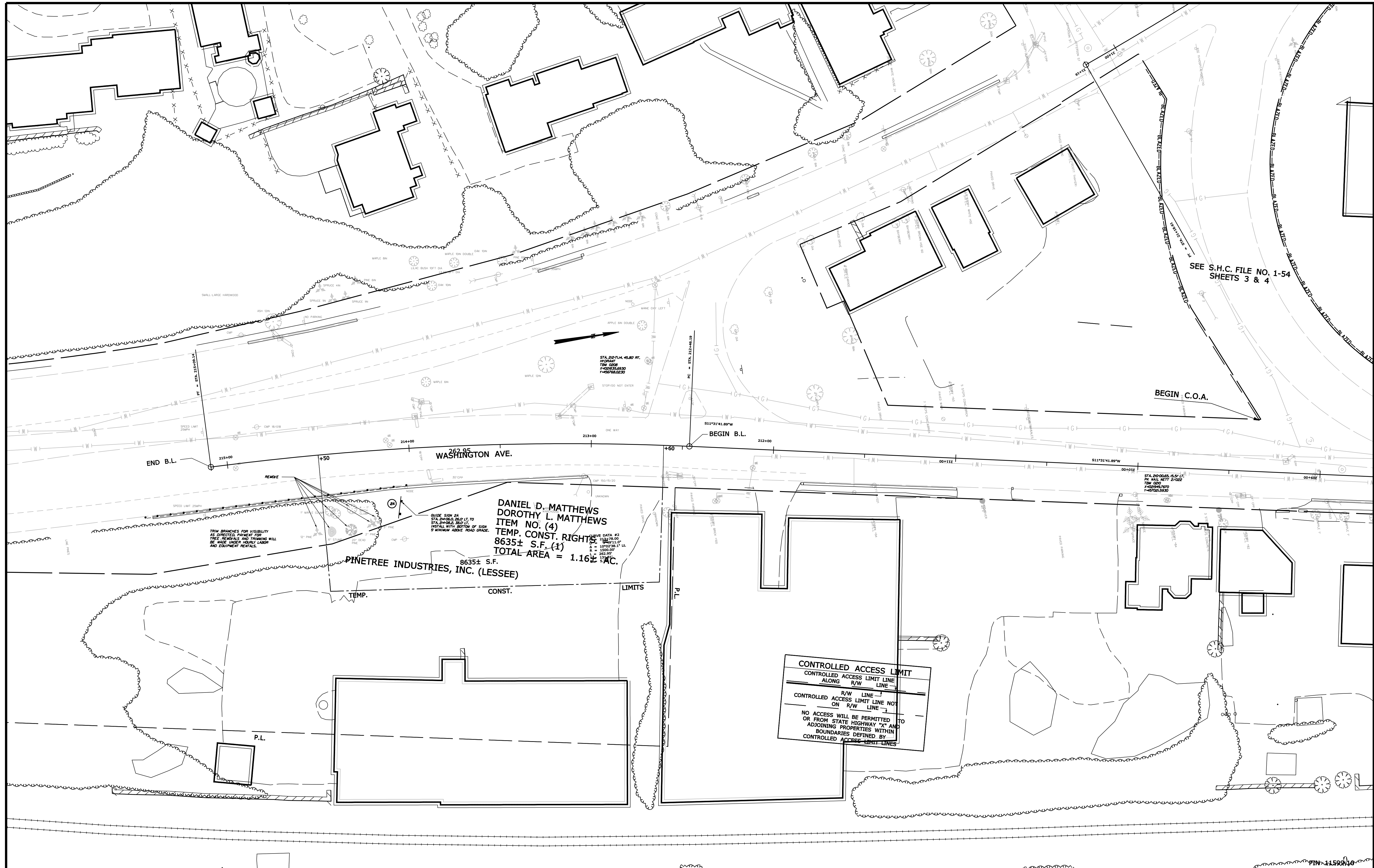


SYMBOLS		CHECKED		ITEM		TECH		RIGHT OF WAY MAP	
• IP or • BIP	(IRON PIPE or PIN FOUND)			BASE MAP				STATE OF MAINE	SHEET NUMBER
□ S.T.	(SEPTIC TANK)			EXIST. R/W				DEPARTMENT OF TRANSPORTATION	
ABM	(BROW WISE POINT)			PROP. LINES				16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016	
— PL —	PROPERTY LINE			AREAS				AUBURN	
— PL —	LIMITS OF WROUGHT PORTION (LOW.P.)							RIGHT OF WAY MAP	
— PL —	EXISTING RIGHT OF WAY								
— PL —	NEW RIGHT OF WAY								
— PL —	NEW ROW WITHIN EXIST. ROW								
— PL —	CONTROL OF ACCESS								



REVISIONS				PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD						DAVID BERNHARDT COMMISSIONER KENNETH L. SWEENEY CHIEF ENGINEER DATE	STATE HIGHWAY "17" \ STATE HIGHWAY "15" MINOT AVENUE \ WASHINGTON AVENUE AUBURN ANDROSCOGGIN COUNTY FEDERAL AID PROJECT NO. STP-1159(910)X		
NO.	DATE	DESCRIPTION	BY	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE				
											JULY 2012	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 1-309
											SCALE 1" = 25'	SHEET 2 OF 3	

SHEET NUMBER		STATE OF MAINE DEPARTMENT OF TRANSPORTATION 16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 AUBURN RIGHT OF WAY MAP		ITEM	TECH	CHECKED	SYMBOLS	
		BASE MAP			• IP or • RFF (IRON PIPE - IN HAND FOUND) □ ST (SEPTIC TANK) □ (ROW MONUMENT) ΔBM (TRAVERSE POINT)			
		EXIST. R/W			— W — WATER LINE — W — — G — GAS LINE — G — — E — ELECTRIC LINE — E — — T — TELEPHONE LINE — T — —) — SEWER LINE —) —			
		PROP. LINES			— W — GRADING LIMIT LINE — — — — CONSTRUCTION LIMIT LINE — — — — PROPERTY LINE — PL — — — LIMITS OF WROUGHT PORTION (L.O.W.P.) — — — — EXISTING RIGHT OF WAY — — — — NEW RIGHT OF WAY — — — — NEW ROW WITHIN EXIST. ROW — — — — CONTROL OF ACCESS — —			
		AREAS						



STATE OF MAINE DEPARTMENT OF TRANSPORTATION 16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016		AUBURN		RIGHT OF WAY MAP	
SHEET NUMBER					
19		OF 19			