

Supplemental Supporting Information for a Finding of Effect

Biddeford 18574.00

Scope: Intersection Improvements with Signal

Finding of Effect: **No Adverse Effect**

Purpose and Need

The purpose of the locally administrated project is to improve vehicular safety, pedestrian safety, mobility and accessibility at the intersections of Route 9/Main Street, Water Street, and Hill Street in Biddeford.

The need of this project is substantial queuing during the AM and PM peak hours at a complex intersection resulting in a high rate of crashes. The existing sidewalks and pedestrian crossings do not provide adequate accessibility in an area with both residences and businesses.

Proposed Action

The project location is the intersections of Main Street, Water Street, Hill Street, and Pepperell Mill Campus entrance. The proposed action consists of intersection signalization, sidewalk construction and reconstruction, American with Disabilities Act (ADA) improvements, and removal of a section of road.

The proposed action would consist of realigning and signalizing the intersection of Route 9/Main Street and Water Street. The intersection of Route 9/Main Street and Hill Street would also be signalized. A right turn lane would be added on Route 9/Main Street turning onto Water Street. Portions of Route 9/Main Street and the North Dam Mill entrance would be milled and filled. Water Street, its adjacent sidewalk, and a proposed lane on North Dam Mill entrance would be fully reconstructed. Curb and roadway median areas at Water Street and Hill Street intersections would be reconstructed. The southern fork of Water Street would be converted from roadway to a loamed and seeded area. Existing pavement on the abandoned fork of Water Street would be removed and the area loamed and seeded. Some portions of sidewalk along Water Street would be fully reconstructed. All curb ramps would be reconstructed to the appropriate slope and landings with detectable warnings will be added. Pedestrian signals with countdown displays and Accessible Pedestrian Signal (APS) push buttons and informational signs will be installed at Route 9/Main Street and Water Street/Hill Street. A truck apron would be installed along Water Street, between Route 9/Main Street and Piersons Lane. Street amenities and lighting would not be included as part of this project.

Federal Action

Federal funding.

Definition of Area of Potential Effect (APE)

The proposed project is located along Main Street in Biddeford. The map below shows the APE.

Biddeford 18574.00

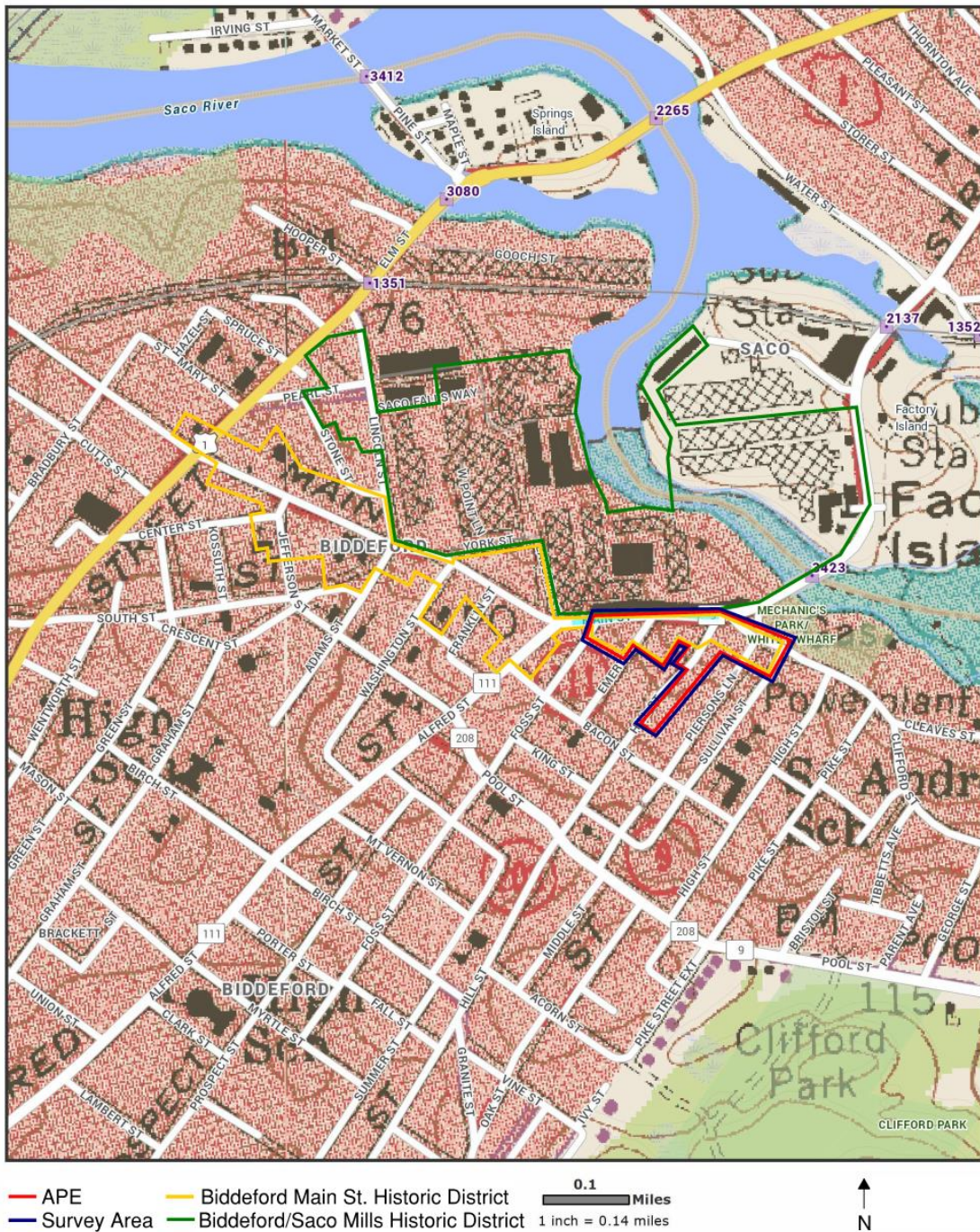



Figure 1. Biddeford 18574.00 Area of Potential Effect

Historic Properties

The proposed project is located in Biddeford. There are three National Register (NR) eligible resources within the project area, two National Register-listed historic districts and


one individually listed property. The following descriptions of historic properties found within the project area are based on the MaineDOT survey package submitted to and concurred with by the Maine Historic Preservation Commission (MHPC).

Main Street Historic District, STA 103+00 to 110+00R/L, STA 34+00 to 32+59.44R/L
(Various Owners)

	<p><i>National Register-Listed</i></p> <p><i>Criteria A & C; Commerce, Industry, Social History, Entertainment/Recreation Commerce, Development, and Architecture</i></p> <p><i>Period of significance 1846-1952</i></p>
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The district encompasses the primary commercial business district for the region from the mid-nineteenth century into the mid-twentieth century. The buildings are predominantly brick-clad, two- to four-story, vernacular forms with influences of Greek Revival, Italianate, Romanesque Revival, Classical Revival, and Egyptian Revival. The district is reflective of Biddeford’s industrial history and its social history of clubs and fraternal organizations. The buildings retain much of the original features and create a visually cohesive grouping of commercial buildings.

Biddeford-Saco Mills Historic District, STA 103+00R to 113+00R (Various Owners)

	<p><i>National Register-Listed</i></p> <p><i>Criteria A & C; Industrial History & Architecture</i></p> <p><i>Period of significance 1832-1958</i></p>
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The district is a cohesive collection of historic manufacturing buildings flanking the Saco River. The buildings are representative of the industrial architecture in the nineteenth and early twentieth centuries. The buildings retain their integrity in terms of location, design, materials, workmanship, feeling, setting, and association. The development of the mills

resulted in the Biddeford/Saco region growing from a remote maritime settlement to a major industrial center. The district is also significant for its association with the Waltham system of textile manufacturing.

Dudley Block, 28-34 Water Street, STA 33+00L to 32+59.44L (Saram-Water LLC)



National Register-Listed

Criteria A and C; Town Planning, Commerce, and Architecture

Period of significance 1848-1952

The Dudley Block is an example of a mid-19th century brick commercial building with tenement housing on the upper floors. The first floor is faced in granite and contains four store fronts that consist of a central door framed by two large picture windows. The second and third stories contain one-over-one vinyl replacement windows with granite headers. A wide but simple cornice sits below the asphalt shingled roof. The roof is side gabled with two small gable dormers in the center of the front elevation. Adjacent to the Biddeford/Saco Mills Historic District, the Dudley Block is significant for its role as worker housing in a New England textile city. The block was part of the speculative development that was common in mill towns. The building was later owned by Able Jellison, a locally prominent citizen.

Archeological Resources

There are no archaeological resources in the project area.

Impacts to Property

The following addresses potential impacts to properties as a result of the proposed action.

Main Street Historic District, STA 103+00 to 110+00R/L, STA 34+00 to 32+59.44R/L (Various Owners)

National Register-Listed

Criteria A & C; Commerce, Industry, Social History, Entertainment/Recreation, Commerce, Development, and Architecture

The proposed action would result in **No Adverse Effect** to the Main Street Historic District. The introduction of mast arms would not alter the characteristics of the district in a way that would diminish the setting, materials, feeling or association of the resource. Sidewalk grading and curb replacement would not affect the integrity of the property because work would be done within the existing footprint and materials would be replaced in-kind. The re-alignment of Water Street would not significantly diminish any of the District's aspects

of integrity, as the portion of road that would be re-aligned and reconstructed constitutes a minor portion of the District that is already defined by a busy intersection with turning lanes. The portion of road that would be removed and receive loam and seed treatment would not significantly diminish the setting of the District at the location, as it would be a unobtrusive treatment that would correspond well with the simple landscaping and amenities found throughout the District.

Biddeford-Saco Mills Historic District, STA 103+00R to 113+00R (Various Owners)

National Register-Listed

Criteria A & C; Industrial History & Architecture

The proposed action would result in **No Adverse Effect** to the Biddeford Saco Mill Historic District. The introduction of mast arms would not alter the characteristics of the district in a way that would diminish the setting, materials, feeling or association of the resource. The addition of a turning lane at the North Dam Mill entrance would not greatly alter the setting of the resource, nor would the re-alignment of Water Street. The areas surrounding the mills have historically been paved and therefore the addition of a small strip of pavement using materials that are currently present in the area will not diminish integrity. Sidewalk grading and curb replacement would not affect the integrity of the property because materials would be replaced in-kind.

Dudley Block, 28-34 Water Street, STA 33+00L to 32+59.44L (Saram-Water LLC)

National Register-Listed

Criteria A and C; Town Planning, Commerce, and Architecture

The proposed action would result in **No Adverse Effect** to the Dudley Block.

The realignment of Water Street and introduction of a mast arm would not alter the characteristics of the building in a way that would diminish the setting, materials, feeling or association of the resource. The portion of road that would be removed and receive loam and seed treatment along Water Street would not significantly diminish the setting of the Dudley Block, nor would it represent a change in the characteristics of the Dudley Block. Sidewalk grading and curb replacement would not affect the integrity of the property because work would be done within existing footprint and materials would be replaced in-kind

Archaeological Resources

No archaeological properties would be affected by the proposed undertaking.

Avoidance and Minimization Efforts

The proposed action avoids any physical impacts to the historic resources located in the project area. ADA improvements are minimal and any sidewalk grading or curb work will be replaced in-kind and within the current footprint. The proposed action would take a simple approach to landscaping and avoids the use of decorative landscaping materials, planting, and street amenities that could potentially impact the integrity of the resources.

Dismissed Alternatives

No Build

The No Build alternative takes no action and does not meet the purpose and need of the project and was therefore removed from further consideration.

Alternative #2

Realignment of Main/Water/North Dam Mill entrance with STOP control. This alternative did not result in the best overall operational level of service for the intersections and was therefore removed from further consideration.

Alternative #3

Realignment of Main/Water/North Dam Mill entrance, with traffic signal control; Main/Hill Street would continue to have Hill Street STOP control. This alternative did not result in the best overall operational level of service for the intersections and was therefore removed from further consideration.

Alternative #4

Realignment of Main/Water/North Dam Mill entrance with traffic signal control at this intersection and Main/Hill Street. This alternative did not result in the best overall operational level of service for the intersections and was therefore removed from further consideration.

Proposed Materials

Mast arms, plastic landing pads, asphalt sidewalks and granite curbs.

Plans

Biddeford, York County, Route 9 and Water Street, Maine Department of Transportation, April 24, 2019 and October 12, 2020.

Attachments

Kirk F. Mohny, MHPC, to Julie Senk, MaineDOT, March 20, 2018

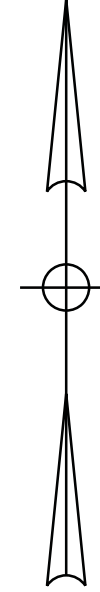
Art Spiess, MHPC, to Julie Senk, MaineDOT, February 14, 2018

Date: 4/24/2019

Username: ochandler

Division: HIGHWAY

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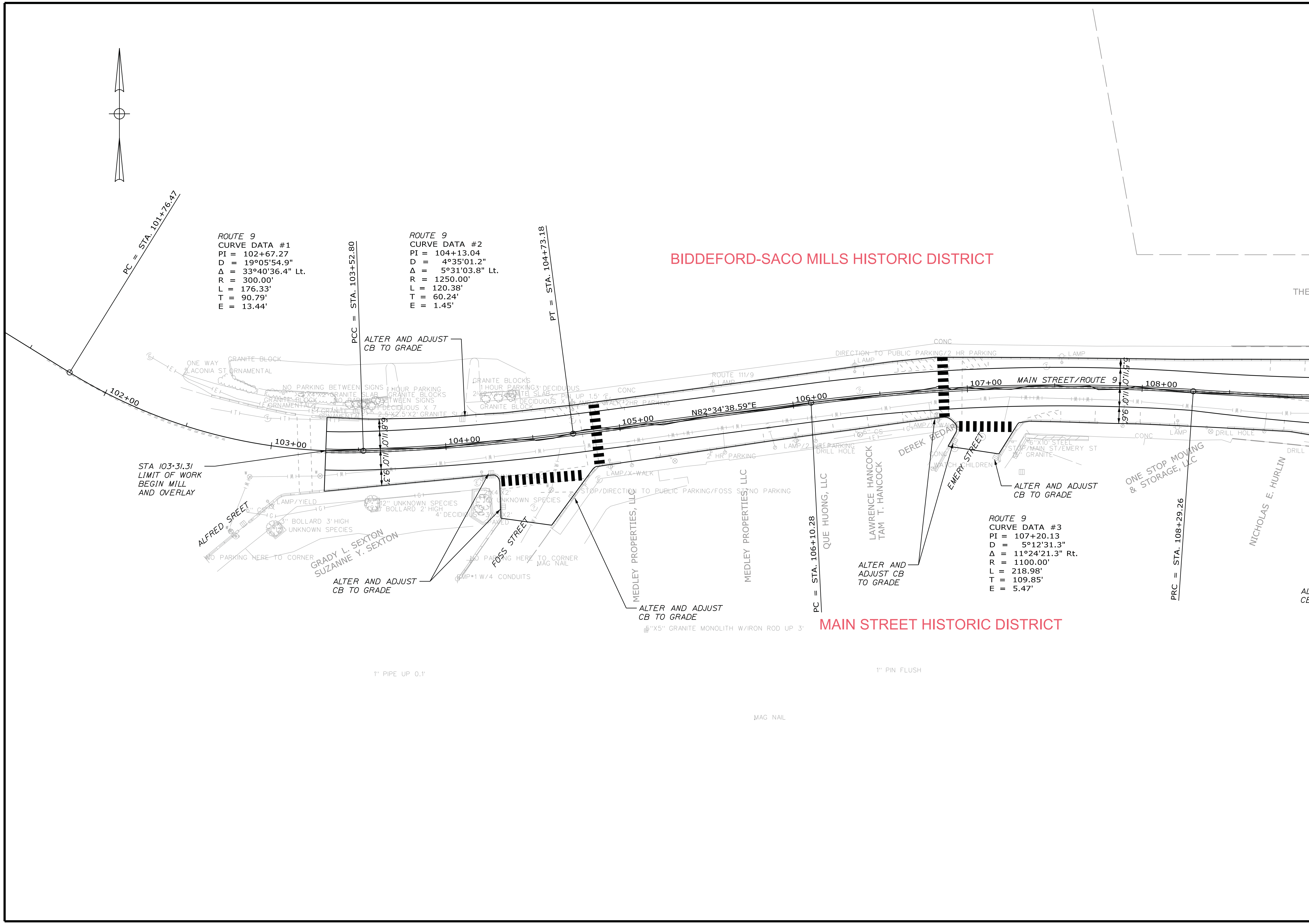
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 PI = 102+67.27
 D = 19°05'54.9"
 Δ = 33°40'36.4" Lt.
 R = 300.00'
 L = 176.33'
 T = 90.79'
 E = 13.44'

ROUTE 9
 CURVE DATA #2
 PI = 104+13.04
 D = 4°35'01.2"
 Δ = 5°31'03.8" Lt.
 R = 1250.00'
 L = 120.38'
 T = 60.24'
 E = 1.45'

ROUTE 9
 CURVE DATA #3
 PI = 107+20.13
 D = 5°12'31.3"
 Δ = 11°24'21.3" Rt.
 R = 1100.00'
 L = 218.98'
 T = 109.85'
 E = 5.47'

BIDDEFORD-SACO MILLS HISTORIC DISTRICT

MAIN STREET HISTORIC DISTRICT



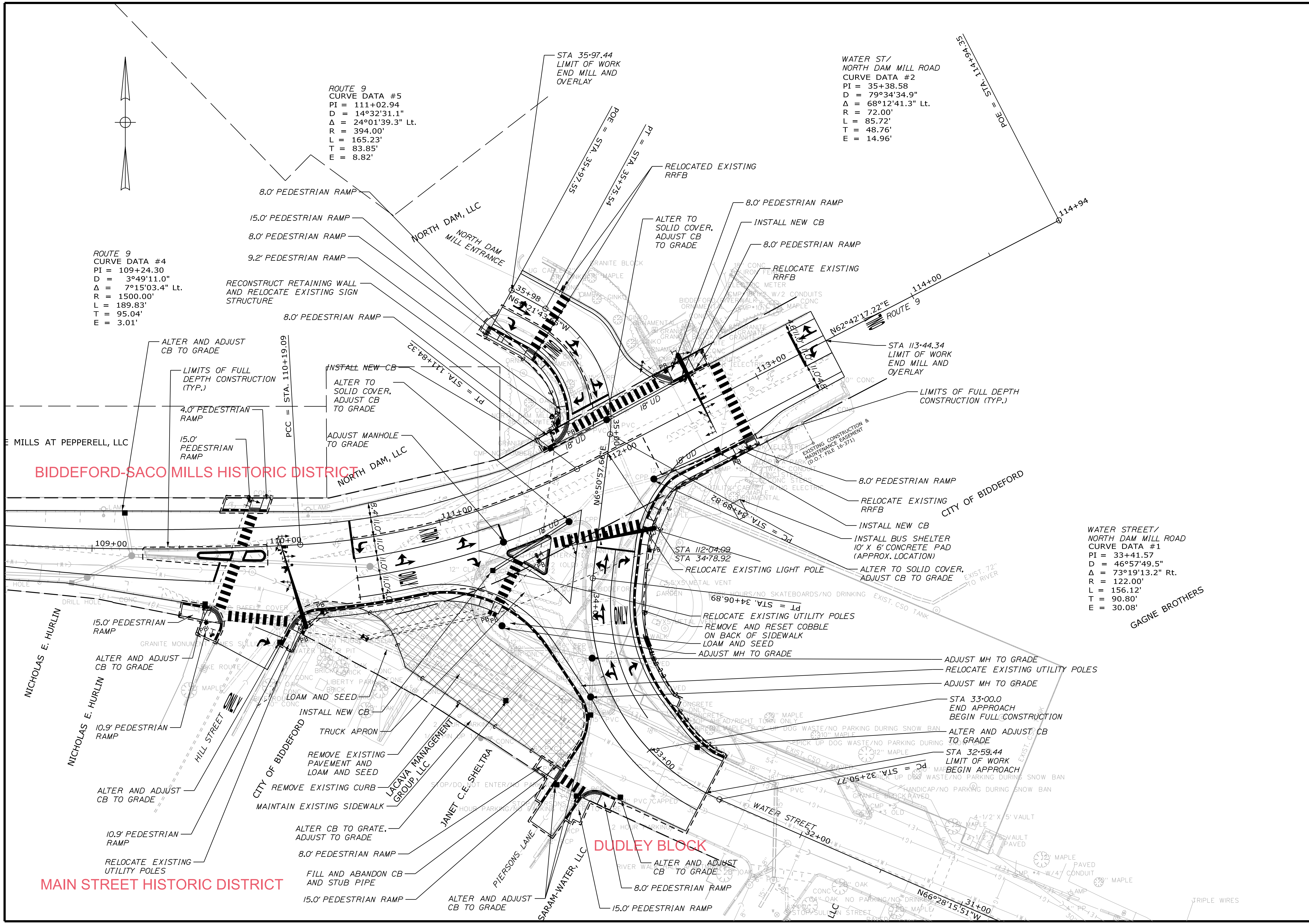
STATE OF MAINE DEPARTMENT OF TRANSPORTATION	STP-1857(400) WIN 18574.00 HIGHWAY PLANS
FINAL PDR NOT FOR CONSTRUCTION 04/24/19	
BIDDEFORD STATE ROUTE 9	GENERAL PLANS (1 OF 2)
SHEET NUMBER 4 OF TBD	

Date: 10/12/2020

Username: ochandler

Division: HIGHWAY

Filename: ... \HIGHWAY\MSTA1006_HDPlan2.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
STP-1857(400)
WIN
18574.00
HIGHWAY PLANS

DRAFT PIC
NOT FOR CONSTRUCTION
10/12/2020

PROJ. MANAGER	DATE	BY	REVISIONS
B. KEIZER	10/17	ECF	DESIGN DETAILED
		ECF	DESIGN DETAILED
		ECF	DESIGN DETAILED
		ECF	REVISIONS 1
		ECF	REVISIONS 2
		ECF	REVISIONS 3
		ECF	REVISIONS 4
		ECF	FIELD CHANGES

BIDDEFORD
STATE ROUTE 9
GENERAL PLANS (2 OF 2)

SHEET NUMBER
6
OF 30



MAINE HISTORIC PRESERVATION COMMISSION
55 CAPITOL STREET
65 STATE HOUSE STATION
AUGUSTA, MAINE
04333

PAUL R. LEPAGE
GOVERNOR

KIRK F. MOHNEY
DIRECTOR

November 21, 2017

To: Ms. Julie Senk, MDOT/ESD

From: Arthur Spiess, Senior Archaeologist

Subject: WIN 18574.00, Main/Hill/Water streets, intersection improvements, Biddeford (MHPC 1505-17)

After reviewing our archaeological survey records and maps, including historic maps and surficial geology maps, and comparing this information with a predictive model of archaeological site locations, we find that no archaeological fieldwork is necessary for this project, based on the project location and general project description information received with your memo of October 23, 2017. It is extremely unlikely that an archaeological site would be affected by this project, in our opinion.

In following the procedures specified in the Federal Highway/MHPC/MDOT programmatic agreement, we **recommend a finding “that there will be no archaeological properties affected by the proposed undertaking.”**

STATE OF MAINE

MEMORANDUM

March 20, 2018

To: Julie Senk, ENV/Maine Department of Transportation

From: Kirk F. Mohney, State Historic Preservation Officer *KFM*

Subject: WIN 18574.00, Main, Hill, Water Street, Intersection Improvements, MHPC #
1505-17

In response to your recent request, I have reviewed the information received March 16, 2018 to continue consultation on the above referenced undertaking pursuant to the Maine Programmatic Agreement and Section 106 of the National Historic Preservation Act of 1966, as amended.

We concur with MaineDOT's determination that 12 resources contribute to the Biddeford Main Street Historic District and the Biddeford/Saco Mills Historic District. We also concur with MaineDOT's finding that the Dudley Block is individually listed in the National Register of Historic Places.

Please note that Survey No. 16, is not a contributing resource to the historic district and it is not an eligible resource. Please correct the matrix to reflect this information.

No other properties located within the APE are eligible for listing in the National Register of Historic Places.

Please contact Megan M. Hopkin of our office if we can be of further assistance in this matter.