

Supplemental Supporting Information for a Finding of Effect

Project: Old Town 22950.00

Scope: Highway Safety Improvements

Finding of Effect: **No Adverse Effect**

Purpose and Need

The purpose of the action is to improve safety for vehicular, bicycle, and pedestrian traffic in this corridor connecting Old Town, Orono, and the University of Maine.

The need for this project is because the current pedestrian facilities are not in compliance with the Americans with Disabilities Act (ADA) and current intersection configurations can no longer adequately move traffic at times of high volume.

The current Annual Average Daily Traffic (AADT) for Stillwater Avenue is 16,260 vehicles. The intersections of Stillwater Avenue and Bennoch Road and Stillwater Avenue and College Avenue have outdated signals and controls that result in long queues and traffic back-up, especially when traffic to and from the University of Maine is heavy. In addition, the pedestrian facilities do not meet ADA standards. In addition, the intersections have resulted in relatively high numbers of vehicular crashes, including an accident with a bicyclist.

Proposed Action

The proposed action (Alternative 1) would include mill and overlay on Stillwater Avenue, College Avenue, and Bennoch Road, with the exception of the reconstruction of the approaches to Bridges #1472 and #2806 on Stillwater Avenue and the reconstruction of College Avenue from Station 80+00 to 87+75. The project would retain two 11' travel lanes and 5' shoulders, except at the following: A center lane would be added for traffic traveling westerly on College Avenue to the intersection with Stillwater Avenue. A bike lane would be added to the intersection of Stillwater Avenue and Bennoch Road and a center lane would be added to aid access to Spring Street from Stillwater Avenue. In addition, Franklin Street would become a dead-end street with no vehicular access to the intersection with Stillwater Avenue (this would reduce this five-way intersection to a four-way intersection). Sidewalks from Stillwater Avenue to the intersection of College Avenue would be widened and reconstructed and sidewalks in the rest of the project area would be reconstructed. Sidewalks would be bituminous. Granite curbing would be installed throughout the project area. The traffic signals at the intersections of College Avenue and Stillwater Avenue and Bennoch Road and Stillwater Avenue would be replaced with new mast arms, signals, control boxes, and detection. The project also includes closed drainage system improvements.

Federal Action

Federal funding

Definition of Area of Potential Effect (APE)

The proposed project is located in Old Town. A map is attached below that shows the APE. The map includes the project area for WINs 22511.00 and 22512.00 for Bridges #1472 and #2806 carrying Stillwater Avenue over the Stillwater River. These WINs will be evaluated in a separate Determination of Effect.

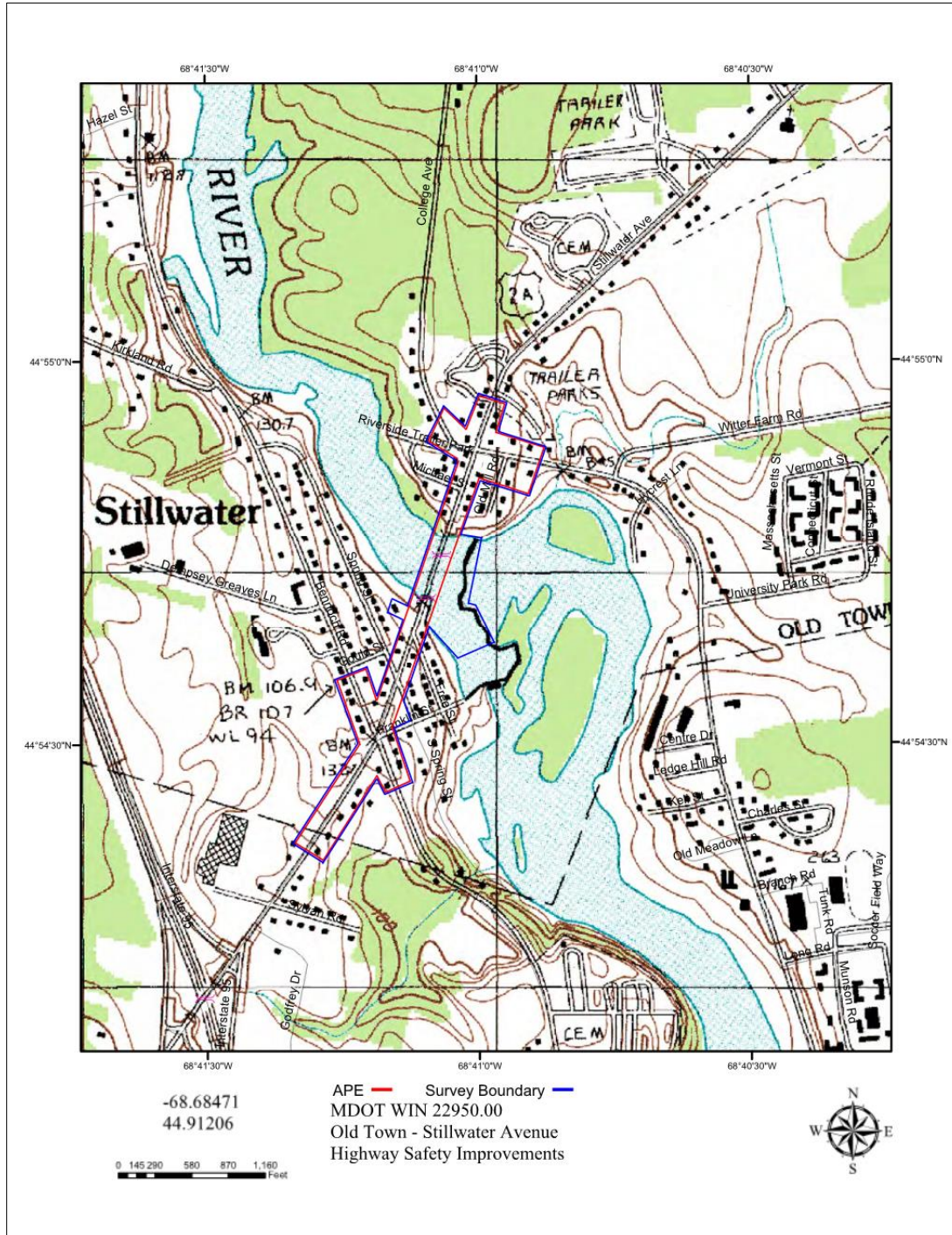


Figure 1. Old Town 22950.00 Area of Potential Effect

Historic Properties

The proposed project is located in Old Town. The following descriptions of historic properties found within the project area are based on Maine Historic Preservation Commission (MHPC) survey forms.

Charles and Julie Jameson House, 272 Bennoch Road (Penobscot Rentals LLC, 8+05R to 10+50R, 62+00L to 63+25L)



*National Register-eligible
Criterion B
Government/Politics
Military*

The Charles and Julia Jameson House was constructed c.1855 and features Greek Revival and Italianate-style elements. The house has a cross gable roofline with a pedimented front gable and an L-shaped footprint. It has three interior brick chimneys. The cornice is accented with heavy thick brackets. The walls are clad with flush wood siding on the elevations most visible from the public right-of-way: the north and east. The rest of building is clad in wood clapboard siding. The house has six-over-six wood window set in wood frames. The frames have a mix of slight pedimented hoods and bracketed sills. The full width front porch has a slight hipped roof, square fluted columns, and paired brackets. Half of the porch is enclosed with a front entry and window. The house includes an attached carriage house at the western end of the side-ell. It sits on a granite foundation. Charles D. Jameson (1827-1862) is significant for his role in the American Civil War and Maine military and political history. In May 1861 Jameson enlisted in the Union Army and was placed with Company S, Maine 2nd Infantry Regiment as a colonel. He was promoted to brigadier general in September 1861. He was also an active member of the Democratic party. With the onset of the Civil War, the Democratic Party split into two factions based on allegiances with the North or the South and views on slavery and became known as the Peace Democrats and the War Democrats. This split manifested itself in Maine at the 1861 State convention. As a result, the War Democrats fielded a separate candidate for Maine governor in 1861 and 1862: Jameson. He lost both elections. In June 1862 he was injured at the Battle of Fair Oaks. While in recovery, he became ill and was sent home to Old Town. Jameson's health continued to decline and he died at his home on Bennoch Road on November 6, 1862. Julia Jameson retained the residence until 1871. Thus, Jameson played an integral role in the brief fissure created by the Civil War in the Democratic Party and its place in Maine politics. Its period of significance is c.1850 to 1871.

*This property was demolished in 2019.

Double House, 1113 Stillwater Avenue (Ramon Santiago, 14+20R to 15+90R)



*National Register-eligible
Criterion A & C
Architecture
Exploration/Settlement*

The Double House at 1113 Stillwater Avenue features Federal-style elements include the door surrounds composed of sidelights, pilasters, and entablatures, a pedimented gabled end, and a simple cornice and narrow eaves. The two-story house is largely intact, retaining wood clapboard siding, a compound roof, fenestration patterns, overall massing, and a granite foundation. It features two prominent entries, one on the southeast elevation and one on the northern elevation. The entries have classical surrounds with pilasters and an entablature. The house is situated on an original lot of the village of Upper Stillwater in Old Town and is likely one of the first constructed here. The house is a rare example of Federal-style double residence from the settlement period of the village and Old Town. The village green, located across the Stillwater Avenue, referenced above, remains a small park today. Its period of significance is c.1836.

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.

Charles and Julie Jameson House, 272 Bennoch Road (Penobscot Rentals LLC, 8+05R to 10+50R, 62+00L to 63+25L)

*National Register-eligible
Criterion B, Government/Politics, Military*

The proposed action would result in **No Adverse Effect** to the Jameson House. The house was demolished in 2019.

Double House, 1113 Stillwater Avenue (Ramon Santiago, 14+20R to 15+90R)

*National Register-eligible
Criterion A & C, Architecture*

Exploration/Settlement

The proposed action would result in **No Adverse Effect** to the Double House. The proposed action would include reconstructing the existing sidewalks with in-kind materials and retaining granite curbing. Fill would be required near the right-of-way at this property with some additional fill at the driveway that would require temporary construction rights. The driveway would be reconstructed with in-kind materials and disturbed areas of the lawn would be loamed and seeded. A 5' bike lane would be added at this location, which would move the sidewalk approximately 12" closer to the house, but still within the right-of-way. A center-turn lane would be installed near the driveway opening running northerly on Stillwater Avenue. A maple tree would be removed from the southern edge of the property, but the tree is not of a substantial age to contribute to the property's integrity of setting, feeling, or association. Minimal clearing would also be required at the southern point of the property and would require temporary construction rights. The proposed action would retain existing materials near the Double House, which would not significantly impact the property's seven aspects of integrity.

Archaeological Resources

No archaeological properties would be affected by the proposed undertaking.

Avoidance and Minimization Efforts

The proposed action avoids significant impacts to historic resources within the project area. The proposed action would avoid major impacts to historic properties by retaining in-kind materials, such as granite curbing and paved sidewalks.

Dismissed Alternatives

No Build

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

Proposed Materials

Bituminous sidewalks, hot mix asphalt, granite curbing, mast arm signals.

Plans

Old Town, Penobscot County, Stillwater Avenue, MaineDOT WIN 22950.00, Maine Department of Transportation, June 11, 2020.

Attachments

J. N. Leith Smith, MHPC, to Julie Senk, MaineDOT, November 24, 2020.

Kirk F. Mohny, MHPC, Concur, April 15, 2015.

Kirk F. Mohny, MHPC, to Megan M. Hopkin, May 14, 2015.

Kirk F. Mohny, MHPC, to Megan M. Hopkin, July 30, 2015.

Kirk F. Mohny, MHPC, Concur, December 2, 2016.

STATE OF MAINE
Memorandum

Date: November 24, 2020

To: Julie Senk, Historic Preservation Coordinator, Maine DOT/ENV

From: J. N. Leith Smith, MHPC

Subject: Results of Field Check recommended from Initial Archaeology Review

Project: WIN 22950, 22512, 22511, MHPC #0426-20; Intersection improvements with safety, drainage, pedestrian and pavement upgrades, Stillwater Avenue and College Avenue, Old Town. Work includes proposed demolition of Property #36 Stillwater Avenue (Map 17, Lot 10), and Property #60 College Avenue (Map 17, Lot 60).

A field check of the two properties proposed for demolition was recommended by the MHPC due to the potential of the properties to contain significant archaeological deposits. The Field Check consisted of preliminary Phase I testing that was performed on November 3rd and 4th, 2020 by Anne Wilder and Leith Smith. Test results are presented below by property.

Property #36 Stillwater Avenue (address: 1013 Stillwater Ave.)

This house was suggested to date to the early to mid-19th century and was occupied by J. Metcalf in 1859. At the time of initial review the yard appeared to be undisturbed with the exception of a gravel driveway behind (west of) the house. Archaeological testing consisted of the excavation of three shovel test pits spaced at intervals of 5 m between the rear ell/house and driveway. Stratigraphy varied widely between the three tests. In STP 1 the upper 20 cm consisted of sterile sand and gravel fill over mixed gray clay and sand fill containing brick, nails and whiteware ceramic. STP 2 revealed three layers of mixed soil containing a few pieces of bone and whiteware ceramic, over a possible buried A-horizon of dark brown clay loam encountered at 35 cm. This darker soil contained two pieces of factory slip decorated whiteware. At 42 cm the soil changed to sterile mixed gray and yellowish brown clay that extended beyond 58 cm. STP 3 consisted of a deep deposit of grayish brown clay loam and gravel containing a fragment of brick, charcoal and glass. A modern sheetrock screw was found at the base of the deposit at 45 cm. Below this was mixed orangy brown clay and sand containing a piece of whiteware, nail and window glass that extended beyond 60 cm. A fourth shovel test was excavated on the south side of the house to determine if this area was less disturbed. Fairly intact stratigraphy revealed 45 cm of medium brown sandy loam containing fragmented brick, cut nails and whiteware, yellow ware and stoneware ceramics that increased slightly in density with depth. Below this was a house construction layer consisting of 15 cm of dark medium brown silt loam with fragmented brick, nails, window glass and a few pieces of whiteware ceramic.

Results showed the tests in the rear yard to consist primarily of mixed fill with only one possible intact buried surface in STP 2. No evidence of features or well-preserved archaeological deposits were found. In addition the parking area that takes up most of the rear yard appears to

have been excavated and backfilled with sand and gravel. The judgmental test on the south side of the house revealed fill over an accumulation layer that, in turn, overlay a construction layer that was present between 45 and 60 cm below surface. This was the only example of fairly intact stratigraphy, with cultural deposits fairly deeply buried.



STP 1 location behind 1013 Stillwater Ave. (Anne Wilder photo).



Judgmental STP location on south side of house at 1013 Stillwater Ave. (Anne Wilder photo).

Property #60 College Avenue (address: 2 Old Mill Road)

This house was hypothesized to date to the early 19th century and was occupied by W. McLean in 1859. The property owner stated that the house was constructed in 1835. The property was recommended for testing in part due to its potential association with occupation by workers or the owner of the mill formerly located a short distance to the south at the end of Old Mill Road. Close assessment of the yard configuration and nature of tree growth in the bank behind (east of) the house suggested the upper yard closest to the house and supporting the garage consisted of fill deposited potentially in the mid-20th century, possibly when the garage was constructed.

Phase 1 testing consisted of the excavation of three shovel tests across the rear yard immediately behind the house and deck, as well as one transect of five shovel tests aligned with the base of slope in the extended rear yard. Tests were spaced at intervals of 5 meters. The three tests closest to the house revealed a buried A-horizon of dark brown clay loam between 30 and 50 cm below surface containing bright green and amber beer bottle glass, fragmented brick, nails including a galvanized roofing nail, and whiteware ceramic. This deposit was clearly disturbed and was overlaid by one to two layers of recent fill. The five tests located beyond the base of the slope further from the house consistently revealed between 30 and 50 cm of dark olive brown or dark brown clay loam with a low density of artifacts that included nails, coal slag/clinker, fragmented brick and whiteware and redware ceramics.

Test results showed that the rear of the property close to the house has been significantly disturbed and covered with a deep deposit of fill. The yard further from the house and lacking the overlying fill revealed a thin scatter of refuse consistent with 19th and early 20th century occupation of the house. No features or intact archaeological deposits were identified.



Testing in upper yard of 2 Old Mill Road (Anne Wilder photo).

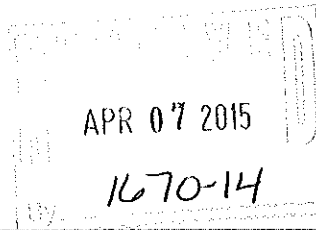
In sum, Phase I testing of Property #36 Stillwater Ave. and #60 College Ave. identified no potentially significant archaeological deposits or features. Significant disturbance was identified close to the structures at both locations. Based on the Field Check it is extremely unlikely that an archaeological site would be affected by the proposed 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

Date: April 6, 2015

To: Earle G. Shettleworth, Jr., MHPC
From: Megan M. Hopkin, Maine DOT/ENV
Subject: Section 106 request for concurrence
Project: Old Town 22511.00/22512.00
Scope: bridge improvements



The Maine DOT has reviewed this project pursuant to the Maine Programmatic Agreement (PA) and Section 106 of the National Historic Preservation Act of 1966, as amended.

The project consists of future bridge improvements to Stillwater #1 Bridge #1472 and Stillwater #2 Bridge #2806 in Old Town carrying Stillwater Avenue over the Stillwater River. The Federal action for this project is Federal funding. The cultural review is scheduled to be completed by June 20, 2015.

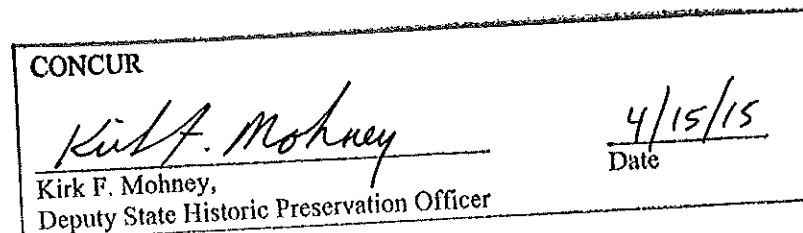
In accordance with 36 CFR Part 800.4, the following identification efforts of historic properties were made:

- 800.4(a) (1) - The Area of Potential Effect (APE) includes properties/structures adjacent to the bridges and within the project limits. The project limits are defined by the structure and the immediately adjacent area, as well as potential approach roadway and intersection improvements nearby. Properties/structures adjacent to this project limit are considered to be within the APE. The APE is shown as a red polygon on the attached map.
- 800.4(a) (2) – Review of existing information consisted of researching the National Register and MHPC survey databases. The Maine Historic Preservation Commission Archaeological staff is currently reviewing this undertaking.
- 800.4(a) (3) – The town of Old Town was contacted via letter and asked to comment on knowledge of, or concerns with, historic properties in the area, and any issues with the undertaking's effect on historic properties. The town was also requested to provide information regarding local historic societies or groups. The town has not replied to date.
- 800.4(a) (4) – Letters outlining project location and scope were sent to the 4 federally recognized Tribes in Maine. The Tribes have not replied to date.
- 800.4(c) – The Maine DOT conducted historic architectural surveys within the APE to determine if properties met National Register criteria. Maine Historic Preservation Commission Archaeological staff is currently reviewing this undertaking. **The Maine DOT has determined that no architectural properties within the APE are eligible for the National Register of Historic Places.**

In accordance with the PA and 36 CFR Part 800, please reply with your concurrence or objection to this determination of National Register eligibility within 30 days.

Please contact me at megan.m.hopkin@maine.gov or 592-3486 if you have any questions. Thank you.

cc: CPD e-file
enc: Architectural survey



STATE OF MAINE

MEMORANDUM

May 14, 2015

To: Megan M. Hopkin, ENV/Maine Department of Transportation

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

Subject: 22511.00/22512.00; bridge improvements, Old Town; MHPC #1670-14

In response to your recent request, I have reviewed the information received May 8, 2015 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.

Identification of Historic Properties (cont.)

In order to complete our assessment of the National Register eligibility of the property at 1113 Stillwater Avenue (Survey Map No. 22), we request that the MDOT provide information about the building's history including names of owners and copies of historic images if available.

If you have any questions regarding this request, please contact me.

Projex

STATE OF MAINE

MEMORANDUM

July 30, 2015

To: Megan M. Hopkin, ENV/Maine Department of Transportation

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

Subject: 22511.00/22512.00; bridge improvements, Old Town; MHPC #1670-14

In response to your recent request, I have reviewed the information received July 10, 2015 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.

Identification of Historic Properties (cont.)

Based upon the additional information that the MDOT has provided, the Commission concludes that the house at 1113 Stillwater Avenue (Survey Map No. 22) appears to be eligible for listing in the National Register of Historic Places under Criterion C in the area of architecture. It may also be eligible under Criterion A in the area of exploration/settlement, but further research would need to be conducted about the development of the town as a whole, and other early buildings identified if they exist.

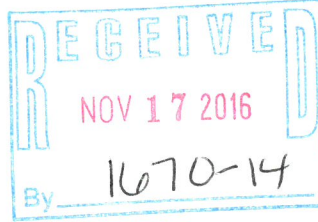
No other properties in the area of potential effect appear to be eligible for listing in the National Register.

If you have any questions regarding this matter, please contact me.

Kirk F. Mohney

STATE OF MAINE

Memorandum



Date: November 16, 2016

To: Kirk Mohney, MHPC
From: Megan M. Hopkin, Maine DOT/ENV
Subject: Section 106 request for concurrence
Project: Old Town 22511.00/22512.00
Scope: bridge improvements

The Maine DOT has reviewed this project pursuant to the Maine Programmatic Agreement (PA) and Section 106 of the National Historic Preservation Act of 1966, as amended.

The project consists of future bridge improvements to Stillwater #1 Bridge #1472 and Stillwater #2 Bridge #2806 in Old Town carrying Stillwater Avenue over the Stillwater River. This memo is for Part 3 of the architectural survey. After the previous survey was submitted to MHPC, the project manager asked for additional survey to be completed. The Federal action for this project is Federal funding. The cultural review is scheduled to be completed by January 5, 2017.

In accordance with 36 CFR Part 800.4, the following identification efforts of historic properties were made:

- 800.4(a) (1) - The Area of Potential Effect (APE) includes properties/structures adjacent to the bridges and within the project limits. The project limits are defined by the structure and the immediately adjacent area, as well as potential approach roadway and intersection improvements nearby. Properties/structures adjacent to this project limit are considered to be within the APE. The APE is shown as a red polygon on the attached map.
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- 800.4(a) (4) – Letters outlining project location and scope were sent to the 4 federally recognized Tribes in Maine. The Tribes have not replied to date.
- 800.4(c) – The Maine DOT conducted historic architectural surveys within the APE to determine if properties met National Register criteria. Maine Historic Preservation Commission Archaeological staff is currently reviewing this undertaking. **The Maine DOT has determined that 2 additional architectural properties within the APE are eligible for the National Register of Historic Places.**

In accordance with the PA and 36 CFR Part 800, please reply with your concurrence or objection to this determination of National Register eligibility within 30 days.

Please contact me at megan.m.hopkin@maine.gov or 592-3486 if you have any questions. Thank you.

cc: CPD e-file
enc: Architectural survey

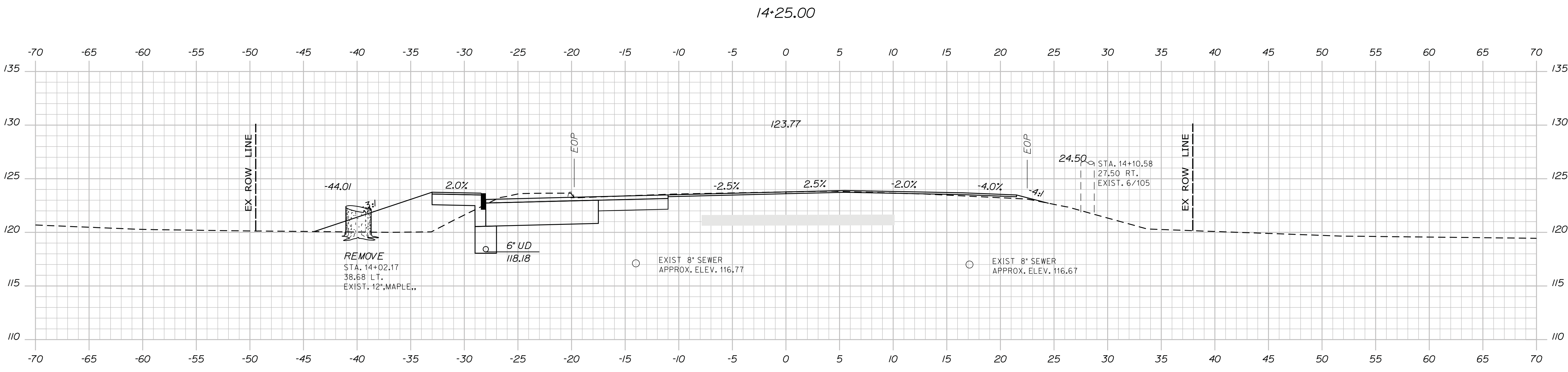
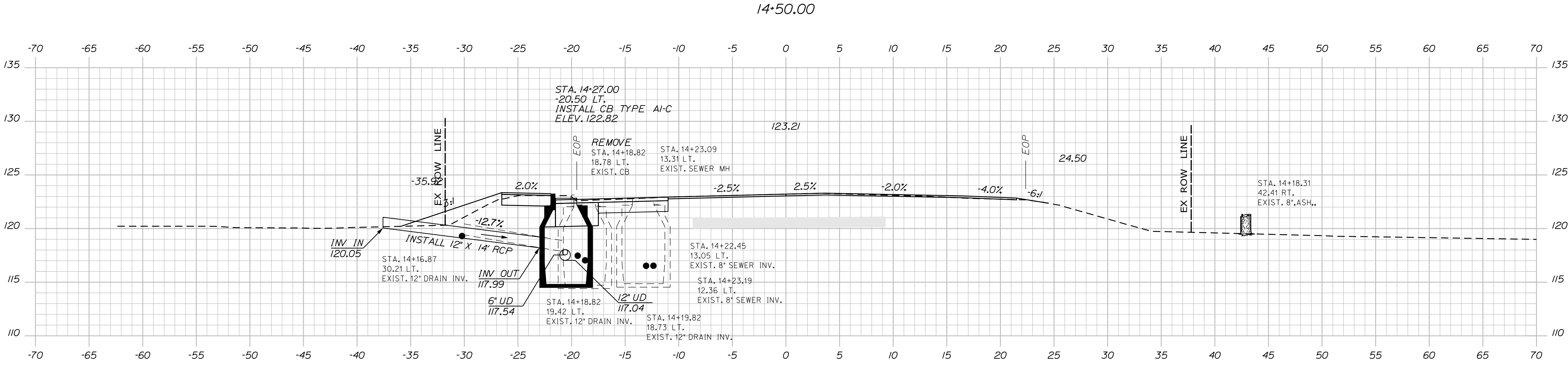
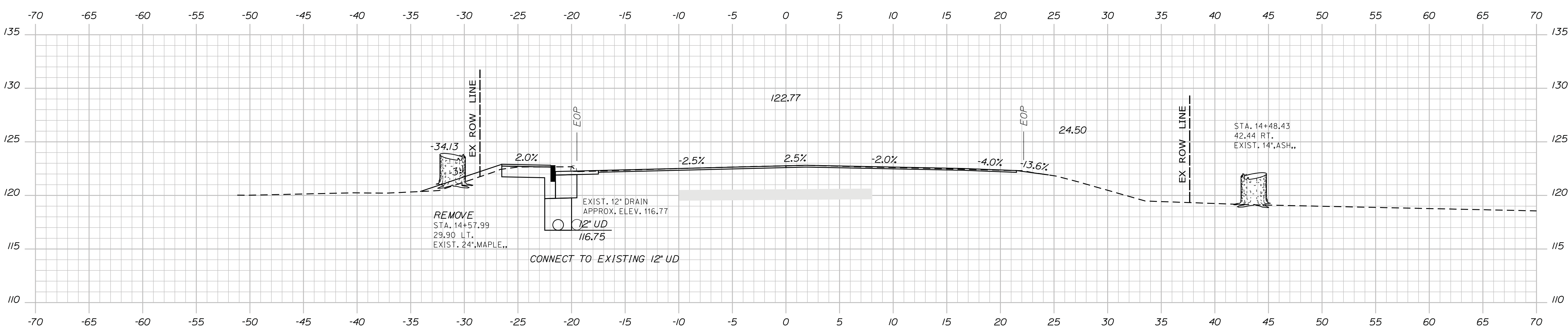
CONCUR	
	12/2/16
Kirk F. Mohney, State Historic Preservation Officer	Date

Date: 6/11/2020

Username: jomedavis

Division: HIGHWAY

Filename: ... \024-117_Cross-Sections.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
2295000
WIN
022950.00
HIGHWAY PLANS



PROJ. MANAGER	R. MOUTON	BY	DATE
DESIGN-DETAILED	ECF	JRD	6/11/2020
CHECKED-REVIEWED	ECF	AG	6/11/2020
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

OLD TOWN
STILLWATER AVENUE
CROSS SECTIONS

SHEET NUMBER
46
OF 117

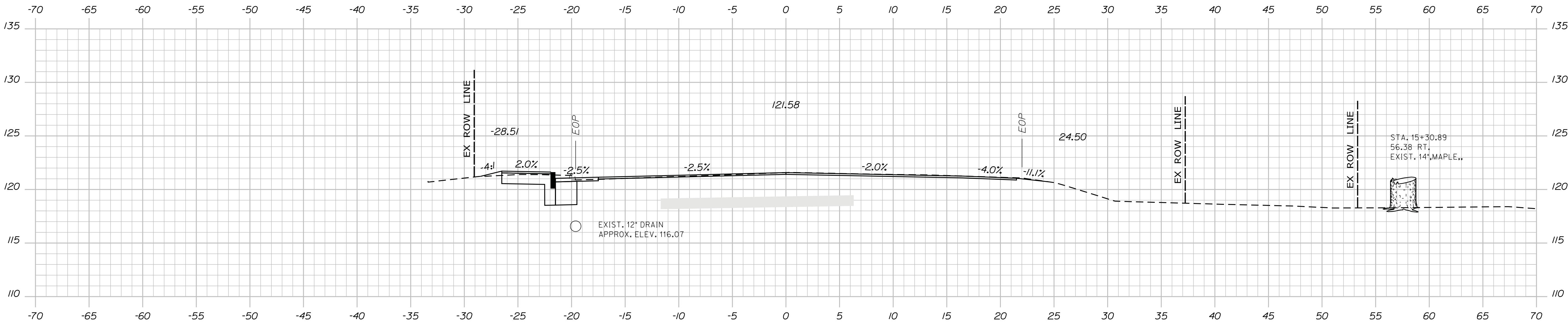
Sta. 14+00.00 to Sta. 14+50.00

Date: 6/11/2020

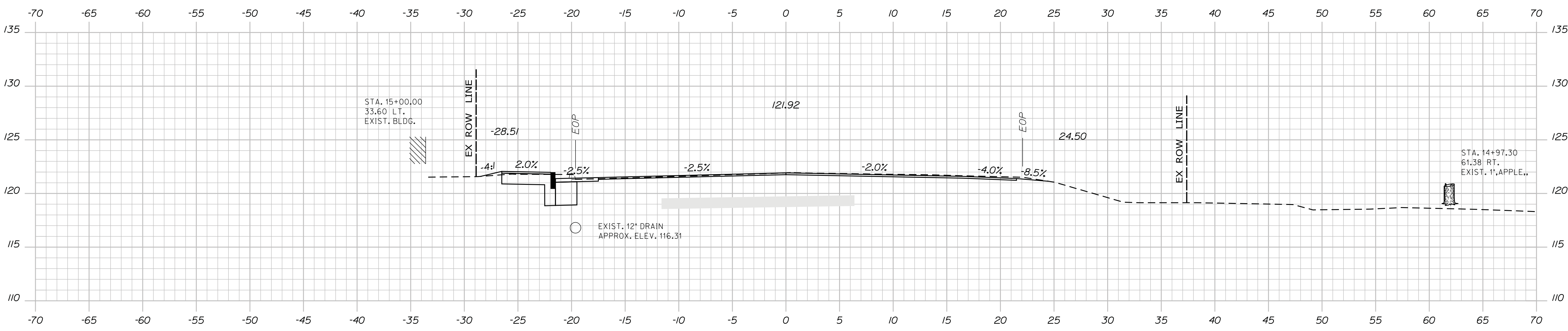
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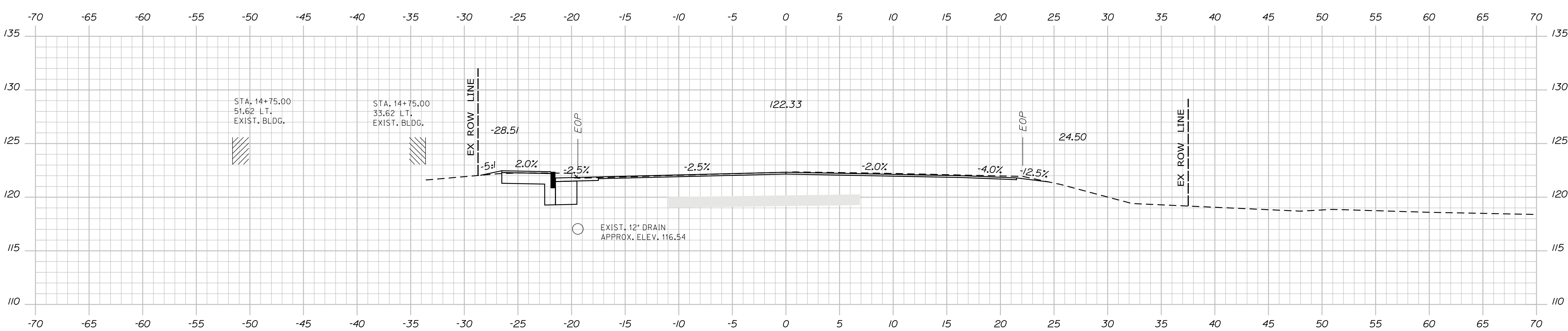
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15+25.00



15+00.00



14+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
2295000
WIN
022950.00
HIGHWAY PLANS



PROJ. MANAGER	R. MOUTON	BY	DATE
DESIGN-DETAILED	ECF	JRD	6/11/2020
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FIELD CHANGES			

OLD TOWN
STILLWATER AVENUE
CROSS SECTIONS

SHEET NUMBER
47
OF 117

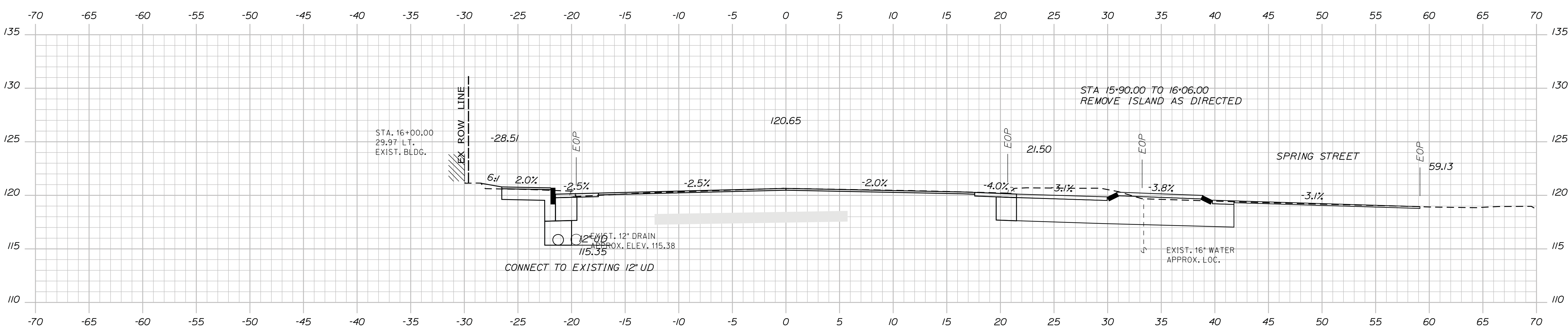
Sta. 14+75.00 to Sta. 15+25.00

Date: 6/11/2020

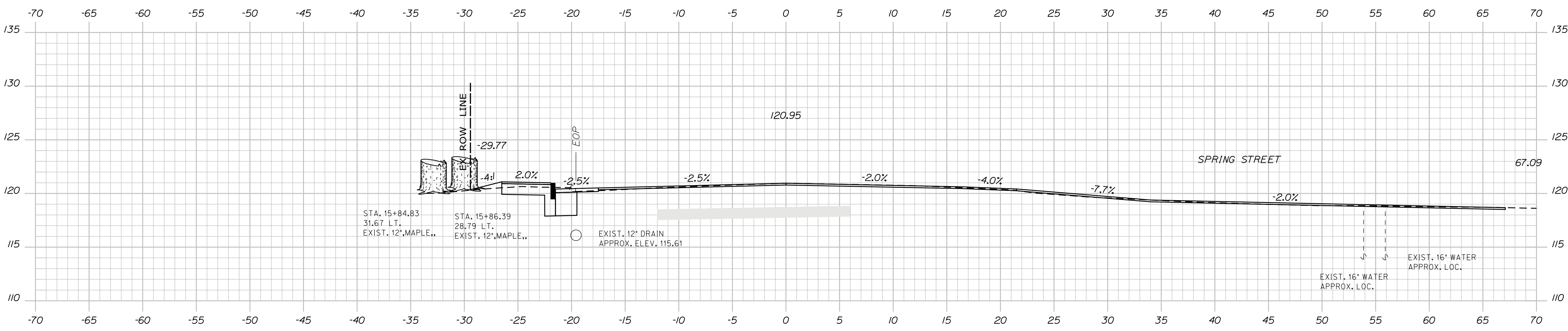
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Division: HIGHWAY

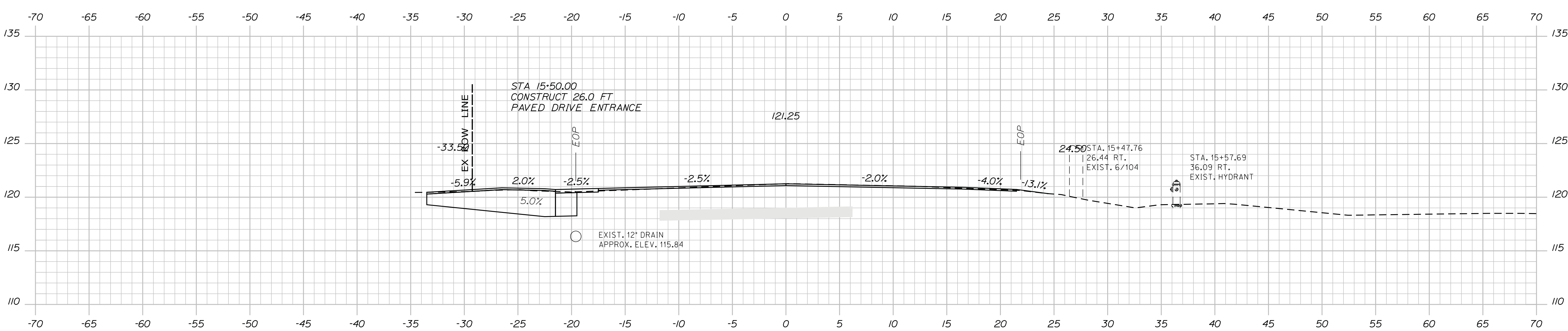
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16+00.00



15+75.00



15+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
2295000
WIN
022950.00
HIGHWAY PLANS



PROJ. MANAGER	R. MULLTON	DATE
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CHECKED-REVIEWED	AG	6/11/2020
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

OLD TOWN
STILLWATER AVENUE
CROSS SECTIONS

SHEET NUMBER
48
OF 117

Sta. 15+50.00 to Sta. 16+00.00