

ADDENDUM NO. 1

FOR

ROADWAY RECONSTRUCTION – RFP #2017-01

June 7, 2016

NOTICE TO PROSPECTIVE BIDDERS

Prospective bidders are hereby informed of the following corrections, additions, deletions, and/or modifications to the bidding documents for the Roadway Reconstruction RFP 2017-01. This Addendum No. 1 forms a part of the bidding documents and all changes shall be incorporated into the Bid Proposals. Bidders shall acknowledge receipt of the addendum on the line provided on the revised Bid Form included as Exhibit A to this Addendum No. 1. **Bidders who fail to acknowledge receipt of this Addendum No. 1 on the revised Bid Form will not be considered for award.** Please note that the bid due date has not changed.

Part 1 – Responses to Questions

The following questions were received in writing, or verbally during the pre-bid meeting, from prospective bidders by 5:00pm on June 3, 2016. The questions are italicized and the answers follow.

QUESTIONS

- 1. Is the legend correct on Sheet 1 of the Site Plans?*

No, the descriptions of work on the legend were reversed. See Exhibit C for revised Site Plan.

- 2. Can you explain which driveways will receive concrete aprons and which driveways will receive bituminous aprons?*

The only driveway aprons to receive a concrete apron are driveways that, beyond the limit of work, are concrete. All other driveway aprons shall be bituminous.

- 3. In Lump Sum Bid Item 1, will all existing concrete curb be replaced with granite curb? Will existing granite curb be reset?*

Between the intersections of Vose Street and Division Street, all existing concrete curb will be replaced with granite curb and all existing granite curb will be reset. The existing

concrete curb shall remain between Vose Street and the northwestern end of Bouvier Avenue. There is also a small amount of bituminous berm work at the intersection of Bouvier Avenue and Darlington Street.

4. *Has gas work been completed in the areas?*

Yes, all necessary gas work is complete.

5. *Is the existing curb along Amica Center Boulevard being reset?*

No, the existing granite curb shall remain in place. Should a section of curb need to be reset, it shall be paid for under the Add/Deduct Unit Bid Items.

6. *Will the wheelchair ramps be concrete or bituminous? Are detectable warning systems being installed?*

Wheelchair ramps shall be bituminous. Detectable warning systems are not included in the bid price.

7. *Is a police detail required for traffic control? Will the Town pay for police detail?*

The contractor is responsible for traffic control and does not need to use police detail. The cost for traffic control shall be included in all applicable bid items.

8. *What is the Umbrella Policy limits?*

The umbrella policy limits shall be \$5,000,000.

9. *What are the completion dates?*

The completion dates are as follows:

- 90 days from Notice to Proceed to substantial completion
- 120 days from Notice to Proceed to final completion.

10. *What are the limits of work at the intersections of Great Road and Wilbur Road and Great Road and Whitman Way?*

Limits were marked in the field at the intersections of Great Road with Wilbur Road and Great Road with Whitman Way. See revised plans provided in Exhibit C for approximately limits of work.

11. *If a damaged frame and cover/grate is found, who will replace? What about water covers?*

There is an Add/Deduct Bid Item for furnishing and installing a new frame and cover/grate. If a damaged water gate frame and cover is found, the Lincoln Water Commission shall provide the contractor with a new frame and cove to install.

12. Is any phasing proposed on Amica Center Boulevard?

No phasing is proposed, however the contractor is required to maintain access throughout the complex at all times. Adequate traffic control measures must be provided and included in the lump sum bid price.

13. When will the project be awarded?

The Town intends to award the project at the June 21, 2016 Town Council meeting.

14. What strength concrete is required for the concrete curb lock?

3,000 psi concrete.

15. Where is concrete curb lock required?

For this project, concrete curb lock is required along the face and back of curb, including where bituminous sidewalk abuts the curb.

16. Are silt sacks required?

Yes, silt sacks are required in all catch basins. Silt fence is not included in the lump sum bid prices and will be paid for using the add/deduct bid price if required.

17. Where will surplus reclaimed material be taken?

Surplus reclaimed material will be taken to the Towns storage facility located off of Hood Drive. All other material will be removed from the site by the contractor. There are currently piles of surplus reclaimed material and loam at the storage facility that the Town would like screened into processed material and loam. Add/deduct bid items for screening these materials have been added to the revised Bid Form and Measurement and Payment section provided as Exhibits A and B of this Addendum.

18. Are there any drainage improvements proposed along Great Road or Amica Center Boulevard.

Two paved waterways have been added to the scope of work along Great Road and revised plans depicting the locations are provided as Exhibit C. The Measurement and Payment Section, provided as Exhibit B, has been revised to include this work in the applicable alternate lump sum bid items. An Add/Deduct Bid Item is also included should additional paved waterways be warranted in the field. The RIDOT Standard Detail is provided in Exhibit D.

19. Is there any other work proposed along Great Road?

Steel backed timber guardrail is proposed at the intersection of Great Road and Anna Sayles Road and is included in the scope of work along Great Road. The Measurement and Payment Section, provided as Exhibit B, has been revised to include this work in the applicable alternate lump sum bid items for work on Great Road. Additionally, an Add/Deduct Bid Item has been added to the revised Bid Form and Measurement and Payment Section should the quantity of guardrail change. The RIDOT Standard Detail for the guardrail is provided in Exhibit D.

EXHIBIT A

BID FORM

- E. Bidder has given the Owner notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution from the Owner is acceptable to Bidder.
- F. The Bidding Documents are sufficient to convey understanding of the performance of the Work for which this Bid is submitted.
- G. Bidder represents that this Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation.
- H. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.
- I. Bidder has not solicited or induced any individual or entity to refrain from bidding.
- J. Bidder has not sought by collusion to obtain for itself any advantage over any other.

4. BASIS OF BID

Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

BASE BID ITEMS

Lump Sum Bid Item 1: Reclamation and Reconstruction of Bouvier Avenue, Vose Street, Ascension Street, Pothier Street, and Gaulin Street

_____ (Price in Words)

\$ _____ (Price in Figures)

Lump Sum Bid Item 2: Summer Street Sidewalk Repair

_____ (Price in Words)

\$ _____ (Price in Figures)

For purposes of bid comparison, the Total Contract Bid Price shall be stated below as the direct sum of Lump Sum Bid 1 and Lump Sum Bid Item 2.

\$ _____
(Amount in Figures)

\$ _____
(Amount in Words)

ALTERNATE BID ITEMS

Alternate Lump Sum Bid Item 1: Reclamation and Reconstruction of Great Road

_____ \$ _____
(Price in Words)

Alternate Lump Sum Bid Item 2: Reclamation and Reconstruction of Amica Center Boulevard

_____ \$ _____
(Price in Words)

Alternate Lump Sum Bid Item 3: Reclamation and Reconstruction of Great Road and Amica Center Boulevard

_____ \$ _____
(Price in Words)

(Price in Figures)

ADDITIVE/DEDUCT UNIT BID ITEMS

Additive /Deduct Unit Bid No.	Description	Unit	Unit Price (Figures)	Unit Price (Words)
1.A	Bituminous Pavement Reclamation & Reconstruction (Consecutive quantity between 100 SY to 500 SY)	SY	\$ _____	\$ _____ Dollars and _____ Cents

1.B	Bituminous Pavement Reclamation & Reconstruction (Consecutive quantity between 500 SY to 1,000 SY)	SY	\$	\$ _____ Dollars and _____ Cents
1.C	Bituminous Pavement Reclamation & Reconstruction (Consecutive quantity between 1,000 SY to 3,000 SY)	SY	\$	\$ _____ Dollars and _____ Cents
1.D	Bituminous Pavement Reclamation & Reconstruction (Consecutive quantity between 3,000 SY to 20,000 SY)	SY	\$	\$ _____ Dollars and _____ Cents
1.E	Bituminous Pavement Reclamation & Reconstruction (Consecutive quantity between 20,000 SY to 50,000 SY)	SY	\$	\$ _____ Dollars and _____ Cents
2.A	Bituminous Pavement Milling (Consecutive quantity between 100 SY to 1,000 SY)	SY	\$	\$ _____ Dollars and _____ Cents
2.B	Bituminous Pavement Milling (Consecutive quantity between 1,000 SY to 5,000 SY)	SY	\$	\$ _____ Dollars and _____ Cents
2.C	Bituminous Pavement Milling (Consecutive quantity between 5,000 SY to 20,000 SY)	SY	\$	\$ _____ Dollars and _____ Cents

2.D	Bituminous Pavement Milling (Consecutive quantity between 20,000 SY to 50,000 SY)	SY	\$	\$ _____ Dollars and _____ Cents
2.E	Bituminous Pavement Milling (Consecutive quantity greater than 50,000 SY)	SY	\$	\$ _____ Dollars and _____ Cents
3.A	Bituminous Surface Course (Consecutive quantity between 100 SY to 1,000 SY)	SY	\$	\$ _____ Dollars and _____ Cents
3.B	Bituminous Surface Course (Consecutive quantity between 1,000 SY to 5,000 SY)	SY	\$	\$ _____ Dollars and _____ Cents
3.C	Bituminous Surface Course (Consecutive quantity between 5,000 SY to 20,000 SY)	SY	\$	\$ _____ Dollars and _____ Cents
3.D	Bituminous Surface Course (Consecutive quantity between 20,000 SY to 50,000 SY)	SY	\$	\$ _____ Dollars and _____ Cents
3.E	Bituminous Surface Course (Consecutive greater than 50,000 SY)	SY	\$	\$ _____ Dollars and _____ Cents
4.A	Bituminous Base Course (Consecutive quantity between 100 SY to 1,000 SY)	SY	\$	\$ _____ Dollars and _____ Cents
4.B	Bituminous Base Course (Consecutive quantity between 1,000 SY to 5,000 SY)	SY	\$	\$ _____ Dollars and _____ Cents

4.C	Bituminous Base Course (Consecutive quantity between 5,000 SY to 20,000 SY)	SY	\$	\$ _____ Dollars and _____ Cents
4.D	Bituminous Base Course (Consecutive quantity between 20,000 SY to 50,000 SY)	SY	\$	\$ _____ Dollars and _____ Cents
4.E	Bituminous Base Course (Consecutive quantity greater than 50,000 SY)	SY	\$	\$ _____ Dollars and _____ Cents
5.	Tack Coat Type 1	LF	\$	\$ _____ Dollars and _____ Cents
6.	Tack Coat Type 2	SY	\$	\$ _____ Dollars and _____ Cents
7.A	Remove & Dispose Bituminous Pavement (Consecutive quantity between 1 SY -500 SY)	SY	\$	\$ _____ Dollars and _____ Cents
7.B	Remove & Dispose Bituminous Pavement (Consecutive quantity greater than 500 SY)	SY	\$	\$ _____ Dollars and _____ Cents
8.A	Remove & Dispose Concrete Sidewalk (Consecutive quantity between 0 SY -100 SY)	SY	\$	\$ _____ Dollars and _____ Cents
8.B	Remove & Dispose Concrete Sidewalk (Consecutive quantity between 100 SY -500 SY)	SY	\$	\$ _____ Dollars and _____ Cents
8.C	Remove & Dispose Concrete Sidewalk (Consecutive quantity greater than 500 SY)	SY	\$	\$ _____ Dollars and _____ Cents
9.A	Remove & Reset Granite Curb (Consecutive quantity between 1 foot and 100 feet)	LF	\$	\$ _____ Dollars and _____ Cents

9.B	Remove & Reset Granite Curb (Consecutive quantity greater than 100 feet)	LF	\$	\$ _____ Dollars and _____ Cents
10.A	Remove & Dispose Concrete Curb (Consecutive quantity between 1 foot and 500 feet)	LF	\$	\$ _____ Dollars and _____ Cents
10.B	Remove & Dispose Concrete Curb (Consecutive quantity greater than 500 feet)	LF	\$	\$ _____ Dollars and _____ Cents
11.A	Remove & Dispose Bituminous Berm (Consecutive quantity between 1 foot and 500 feet)	LF	\$	\$ _____ Dollars and _____ Cents
11.B	Remove & Dispose Bituminous Berm (Consecutive quantity greater than 500 feet)	LF	\$	\$ _____ Dollars and _____ Cents
12.A	Granite Curb – Straight (Consecutive quantity between 1 foot and 500 feet)	LF	\$	\$ _____ Dollars and _____ Cents
12.B	Granite Curb – Straight (Consecutive quantity greater than 500 feet)	LF	\$	\$ _____ Dollars and _____ Cents
13.A	Granite Curb – Radius (Consecutive quantity between 1 foot and 500 feet)	LF		\$ _____ Dollars and _____ Cents
13.B	Granite Curb – Radius (Consecutive quantity greater than 500 feet)	LF	\$	\$ _____ Dollars and _____ Cents
14.	Granite Curb – 3' Transition	EACH	\$	\$ _____ Dollars and _____ Cents
15.	Granite Curb – 6' Transition	EACH	\$	\$ _____ Dollars and _____ Cents

16.	Granite Curb – 2’ Radius Corner	EACH	\$	\$ _____ Dollars and _____ Cents
17.	Granite Inlet Stone	EACH	\$	\$ _____ Dollars and _____ Cents
18.	Granite Apron Stone	EACH	\$	\$ _____ Dollars and _____ Cents
19.A	Bituminous Berm (Consecutive quantity between 1 foot and 500 feet)	LF	\$	\$ _____ Dollars and _____ Cents
19.B	Bituminous Berm (Consecutive quantity greater than 500 feet)	LF	\$	\$ _____ Dollars and _____ Cents
20.A.	Bituminous Lip Curb (Consecutive quantity between 1 foot and 500 feet)	LF	\$	\$ _____ Dollars and _____ Cents
20.B.	Bituminous Lip Curb (Consecutive quantity greater than 500 feet)	LF	\$	\$ _____ Dollars and _____ Cents
21.	Bituminous Driveway	SY	\$	\$ _____ Dollars and _____ Cents
22.	Concrete Driveway	SY	\$	\$ _____ Dollars and _____ Cents
23.A	Concrete Sidewalk (Consecutive quantity between 1 SY and 100 SY)	SY	\$	\$ _____ Dollars and _____ Cents
23.B	Concrete Sidewalk (Consecutive quantity between 100 SY and 500 SY)	SY	\$	\$ _____ Dollars and _____ Cents
23.C	Concrete Sidewalk (Consecutive quantity greater than 500 SY)	SY	\$	\$ _____ Dollars and _____ Cents

24.A	Bituminous Sidewalk (Consecutive quantity between 1 SY and 100 SY)	SY	\$	\$ _____ Dollars and _____ Cents
24.B	Bituminous Sidewalk (Consecutive quantity between 100 SY and 500 SY)	SY	\$	\$ _____ Dollars and _____ Cents
24.C	Bituminous Sidewalk (Consecutive quantity greater than 500 SY)	SY	\$	\$ _____ Dollars and _____ Cents
25.	Gravel Borrow	CY	\$	\$ _____ Dollars and _____ Cents
26.	Remove & Dispose Existing Road Subbase Material	CY	\$	\$ _____ Dollars and _____ Cents
27.	Crack Sealing	GAL	\$	\$ _____ Dollars and _____ Cents
28.	Reconstruct Drainage or Sewer Structure	Vertical Foot	\$	\$ _____ Dollars and _____ Cents
29.	Replace Frame and Cover or Frame and Grate	EACH	\$	\$ _____ Dollars and _____ Cents
30.	Replace Catch Basin with Drop Inlet	EA	\$	\$ _____ Dollars and _____ Cents
31.	Replace Catch Basin with 4' Diameter Catch Basin	EA	\$	\$ _____ Dollars and _____ Cents
32.	Replace Catch Basin with 5' Diameter Catch Basin	EA	\$	\$ _____ Dollars and _____ Cents
33.	Replace Catch Basin with 6' Diameter Catch Basin	EA	\$	\$ _____ Dollars and _____ Cents

34.	Silt Fence	LF	\$	\$_____ Dollars and _____ Cents
35.	Material Screening - 3/4" Minus	DAY	\$	\$_____ Dollars and _____ Cents
36.	Material Screening - 1/2" Minus	DAY	\$	\$_____ Dollars and _____ Cents
37.	Material Screening - 3/8" Minus	DAY	\$	\$_____ Dollars and _____ Cents
38.	Steel Backed Timber Guardrail	LF	\$	\$_____ Dollars and _____ Cents
39.	Paved Waterway	EACH	\$	\$_____ Dollars and _____ Cents

7. TIME OF COMPLETION

- A. Bidder agrees that the Work will be substantially complete within 90 calendar days after the date when the Contract Times commence to run as provided in Paragraph 2.03 of the General Conditions, and will be completed and ready for final payment in accordance with Paragraph 14.07.B of the General Conditions within 120 calendar days after the date when the Contract Times commence to run.
- B. Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work within the Contract Times.

8. BID SUBMITTAL

- A. This Bid is submitted by:
 - Name of Authorized Representative _____
 - Title of Authorized Representative: _____
 - Signature of Authorized Representative: _____
 - Business Name _____
 - Business address: _____
 - Phone No.: _____ FAX No.: _____
 - State Contractor License No. _____

Seal (if bid is by Corporation):

SUBMITTED on _____, 2016.

EXHIBIT B

MEASUREMENT AND PAYMENT

MEASUREMENT AND PAYMENT
ADDENDUM 1

ROADWAY RECONSTRUCTION - RFP 2017-01

SUMMARY

This Section includes measurement and payment paragraphs for:

1. Lump Sum Bid Items
2. Alternate Bid Items
3. Additive/Deduct Bid Items

DEFINITIONS

1. Payment Items: The Owner's distribution of the Contract Sum through listed work items.
 - A. Each item is specified to include a defined scope of services. However, not all materials, labor, equipment, or services of a payment item are guaranteed to be listed or specified.
 - B. Include costs associated with items of work required to complete the defined scope of services within the appropriately specified payment item.
 - C. Payment items include furnishing all necessary material and products plus cost for mobilization, demobilization, traffic control, delivery, installation, bonds, insurances, applicable fees, administrative over-site, tools, labor, equipment, incidentals, overhead, profit, and other applicable costs.
 - D. All work described in the Contract Documents shall be included in the payment items described herein.
2. Lump Sum Bid Items: When used as an item of payment, means complete payment for the work prescribed for that portion of the work under the item, or all work prescribed in the Contract, as the case may be.
3. Unit Price: An amount incorporated in the Agreement, applicable during the duration of the work as a price per unit of measurement for materials, equipment, or services.
4. Additive/Deduct Bid Item: An item incorporated into the Base Bid Contract Price, by addition or deletion, at the unit price provided when authorized by the Owner.
5. Complete In Place: When used in the measurement and payment provisions, means the completion of the contract item, including the furnishing of all materials, equipment, tools, labor, health and safety requirements, and work incidental thereto.
6. Consecutive Quantity: Any area within a ½ mile radius of the limits of work.

PROCEDURES

1. Measurement: Notify Owner at least 48 working hours prior to the time at which necessary measurements must be taken. Notification must be in advance of obscuring pay

item; do not proceed until such measurements have been taken in the presence of the Owner.

2. Payment for Work associated with individual Work Segments will not be released until such Work Segment is Substantially Complete, including site restoration and site improvements of that Work Segment and has been approved as such by the Owner or Engineer.

BID ITEMS

The payment items listed below identify the major components of work identified and specified in the Contract Documents. Work that is not specifically called out within an individual payment item but is inherently required to complete the work shall be considered as a part of that payment item.

BASE BID ITEMS

Lump Sum Bid Item 1: Reclamation and Reconstruction of Bouvier Avenue, Vose Street, Ascension Street, Pothier Street, and Gaulin Street

1. Reclamation and Reconstruction of Bouvier Avenue, Vose Street, Ascension Street, Pothier Street, and Gaulin Street includes, but is not limited to, the following:
 - a. Erosion and sedimentation control.
 - b. Traffic control.
 - c. Sawcutting existing pavement to the full depth of reclamation.
 - d. Reclaiming existing pavement into processed aggregate base to a depth of 8 inches.
 - e. Curbing and sidewalk work as specified on the Site Plan.
 - f. Driveway work as specified on the Site Plan.
 - g. Drainage improvements as specified on the Site Plan.
 - h. Shaping, fine grading, and compacting processed aggregate base.
 - i. Adjusting the grade within the limit of work to provide adequate drainage.
 - j. Furnishing, placing, and compacting bituminous base course to a depth of 2.5 inches.
 - k. Adjusting utility structures including, but not limited to, catch basins, manholes, and utility gates, to finish grade. Covers of all structures must be flush with surface course grade and not collect stormwater.
 - l. Cleaning bituminous base course prior to placing surface course.
 - m. Applying tack coat.
 - n. Furnishing, placing, and compacting bituminous surface course to a depth of 1.5 inches.
 - o. Removing and transporting surplus reclaimed material to the Town material storage facility located off of Hood Drive.

- p. Removing and disposing surplus materials (excluding reclaimed material), construction waste, and debris.
 - q. Loam and seeding along edges of work and reestablishing satisfactory vegetation.
 - r. Restoring disturbed areas to preexisting conditions. This includes, but is not limited to, sidewalks, driveways, curb, berm, lawn areas, landscaped areas, and miscellaneous site improvements.
 - s. Cleaning drainage structures that collected sediment and debris as a result of construction.
2. Measurement: As measured by the Owner, pro-rated with the Contractor's progress of reclaiming and reconstructing Bouvier Avenue, Vose Street, Ascension Street, Pothier Street, and Gaulin Street complete in place.
 3. Payment: Reclamation and Reconstruction of Bouvier Avenue, Vose Street, Ascension Street, Pothier Street, and Gaulin Street will be paid for on a Lump Sum basis, complete in place.

Lump Sum Bid Item 2: Summer Street Sidewalk Repair

1. Summer Street Sidewalk Repair, includes, but is not limited to, the following:
 - a. Traffic control.
 - b. Sawcutting pavement along face of curb and removing 2' granite curb return and 4' section of granite curb and stockpiling for Town. Remove and dispose pavement and concrete curb lock.
 - c. Sawcutting and removing 16'x8' section of concrete sidewalk.
 - d. Furnishing and installing 3' granite transition curb with concrete curb lock.
 - e. Regrading and compacting sidewalk base material to gradually transition sidewalk and driveway.
 - f. Furnish and install 16'x8' concrete sidewalk (6" thick) with wire mesh.
 - g. Furnish, install, and compact 2.5" of bituminous base course and 1.5" of bituminous surface course (Class I-1) along face of curb. Tack coat vertical edges of pavement prior to placing pavement.
 - h. Repaving driveway to match new sidewalk (as necessary) with 1.5" of bituminous base course and 1.5" of bituminous surface course (Class I-1).
2. Measurement: As measured by the Owner, pro-rated with the Contractor's progress of repairing the Summer Street sidewalk, complete in place.
3. Payment: Summer Street Sidewalk Repair will be paid for on a Lump Sum basis, complete in place.

ALTERNATE BID ITEMS

Alternate Lump Sum Item 1: Reclamation and Reconstruction of Great Road

1. Reclamation and Reconstruction of Great Road includes, but is not limited to, the following:
 - a. Erosion and sedimentation control.
 - b. Traffic control.
 - c. Sawcutting existing pavement to the full depth of reclamation.
 - d. Reclaiming existing pavement into processed aggregate base.
 - e. Shaping, fine grading, and compacting processed aggregate base.
 - f. Adjusting the grade within the limit of work to provide adequate drainage.
 - g. Furnishing, placing, and compacting bituminous base course to a depth of 2.5 inches.
 - h. Adjusting utility structures including, but not limited to, catch basins, manholes, and utility gates, to finish grade. Covers of all structures must be flush with surface course grade and not collect stormwater.
 - i. Cleaning bituminous base course prior to placing surface course.
 - j. Constructing two paved waterways in accordance with RIDOT Standard Detail 8.4.0).
 - k. Removing and disposing three sections of timber post and rails at the intersection and Anna Sayles Road and Great Road.
 - l. Furnishing and installing 130 feet of steel backed timber guard rail at the intersection of Anna Sayles Road and Great Road in accordance with RIDOT Standard Detail 34.4.0.
 - m. Applying tack coat.
 - n. Removing and replacing bituminous berm and bituminous concrete lip curb in kind.
 - o. Furnishing, placing, and compacting bituminous surface course to a depth of 1.5 inches.
 - p. Removing and transporting surplus reclaimed material to the Town material storage facility located off of Hood Drive.
 - q. Removing and disposing surplus materials (excluding reclaimed material), construction waste, and debris.
 - r. Loam and seeding along edges of work and reestablishing satisfactory vegetation.
 - s. Restoring disturbed areas to preexisting conditions. This includes, but is not limited to, sidewalks, driveways, curb, berm, lawn areas, landscaped areas, and miscellaneous site improvements.
 - t. Cleaning drainage structures that collected sediment and debris as a result of construction.

2. Measurement: As measured by the Owner, pro-rated with the Contractor's progress of reclaiming and reconstructing Great Road, complete in place.
3. Payment: Reclamation and Reconstruction of Great Road will be paid for on a Lump Sum basis, complete in place.

Alternate Lump Sum Item 2: Reclamation and Reconstruction of Amica Center Boulevard

1. Reclamation and Reconstruction of Amica Center Boulevard includes, but is not limited to, the following:
 - a. Erosion and sedimentation control.
 - b. Traffic control.
 - c. Sawcutting existing pavement to the full depth of reclamation.
 - d. Reclaiming existing pavement into processed aggregate base.
 - e. Protecting existing curbing.
 - f. Shaping, fine grading, and compacting processed aggregate base.
 - g. Adjusting the grade within the limit of work to provide adequate drainage.
 - h. Furnishing, placing, and compacting bituminous base course to a depth of 2.5 inches.
 - i. Adjusting utility structures including, but not limited to, catch basins, manholes, and utility gates, to finish grade. Covers of all structures must be flush with surface course grade and not collect stormwater.
 - j. Cleaning bituminous base course prior to placing surface course.
 - k. Applying tack coat.
 - l. Furnishing, placing, and compacting bituminous surface course to a depth of 1.5 inches.
 - m. Removing and transporting surplus reclaimed material to the Town material storage facility located off of Hood Drive.
 - n. Removing and disposing surplus materials (excluding reclaimed material), construction waste, and debris.
 - o. Restoring disturbed areas to preexisting conditions. This includes, but is not limited to, sidewalks, driveways, curb, berm, lawn areas, landscaped areas, and miscellaneous site improvements.
 - p. Loam and seeding along edges of work and reestablishing satisfactory vegetation.
 - q. Cleaning drainage structures that collected sediment and debris as a result of construction.
2. Measurement: As measured by the Owner, pro-rated with the Contractor's progress of reclaiming and reconstructing Amica Center Boulevard, complete in place.
3. Payment: Reclamation and Reconstruction of Amica Center Boulevard will be paid for on a Lump Sum basis, complete in place.

Alternate Lump Sum Item 3: Reclamation and Reconstruction of Great Road and Amica Center Boulevard

1. Reclamation and Reconstruction of Great Road and Amica Center Boulevard includes, but is not limited to, the following:
 - a. All work described in Alternate Bid Items 1 and 2 authorized to be constructed simultaneously.
2. Measurement: As measured by the Owner, pro-rated with the Contractor's progress of reclaiming and reconstructing Great Road and Amica Center Boulevard, complete in place.
3. Payment: Reclamation and Reconstruction of Great Road and Amica Center Boulevard will be paid for on a Lump Sum basis, complete in place.

ADDITIVE/DEDUCT BID ITEMS

The additive/deduct bid items listed below shall only be incorporated into the project if selected and authorized in writing by the Owner. Unit bid items that are the same except for varying consecutive quantities have been grouped together. Work that is not specifically called out within an individual payment item but is inherently required to complete the work shall be considered as a part of that payment item

Add/Deduct Unit Bid Items 1.A to 1.E: Bituminous Pavement Reclamation & Reconstruction

1. Bituminous Pavement Reclamation & Reconstruction includes, but is not limited to, the following:
 - a. Erosion and sedimentation control.
 - b. Traffic control.
 - c. Sawcutting existing pavement to the full depth of reclamation.
 - d. Reclaiming existing pavement into processed aggregate base.
 - e. Removing and replacing bituminous berm and bituminous concrete lip curb in kind.
 - f. Shaping, fine grading, and compacting processed aggregate base.
 - g. Adjusting the grade within the limit of work to provide adequate drainage.
 - h. Furnishing, placing, and compacting bituminous base course to a depth of 2.5 inches.
 - i. Adjusting utility structures including, but not limited to, catch basins, manholes, and utility gates, to finish grade. Covers of all structures must be flush with surface course grade and not collect stormwater.
 - j. Cleaning bituminous base course prior to placing surface course.
 - k. Applying tack coat.

- l. Furnishing, placing, and compacting bituminous surface course to a depth of 1.5 inches.
 - m. Removing and transporting surplus reclaimed material to the Town material storage facility located off of Hood Drive.
 - n. Removing and disposing surplus materials (excluding reclaimed material), construction waste, and debris.
 - o. Restoring disturbed areas to preexisting conditions. This includes, but is not limited to, sidewalks, driveways, curb, berm, lawn areas, landscaped areas, and miscellaneous site improvements.
 - p. Loam and seeding along edges of work and reestablishing satisfactory vegetation.
 - q. Cleaning drainage structures that collected sediment and debris as a result of construction.
2. Measurement: As measured by the Owner, per square yard of reclaimed and reconstructed pavement.
 3. Payment: Bituminous Pavement Reclamation & Reconstruction will be paid for per square yard of reclaimed pavement as directed and approved in the field.

Add/Deduct Unit Bid Items 2.A to 2.E: Bituminous Pavement Milling

1. Bituminous Pavement Milling includes, but is not limited to, the following:
 - a. Erosion and sedimentation control.
 - b. Traffic control.
 - c. Sawcutting existing pavement to the full depth of reclamation.
 - d. Milling existing pavement to a depth of 1.5 inches.
 - e. Removing and disposing surplus materials, construction waste, and debris.
2. Measurement: As measured by the Owner, per square yard of milled pavement, complete in place.
3. Payment: Bituminous Pavement Milling will be paid for per square yard of milled pavement as directed and approved in the field.

Add/Deduct Unit Bid Items 3.A to 3.E: Bituminous Surface Course

1. Bituminous Surface Course includes, but is not limited to, the following:
 - a. Erosion and sedimentation control.
 - b. Traffic control.
 - c. Adjusting utility structures including, but not limited to, catch basins, manholes, and utility gates, to finish grade of surface course pavement. Covers of all structures must be flush with surrounding pavement and not collect stormwater.
 - d. Cleaning pavement surfaces.
 - e. Applying tack coat.
 - f. Furnishing, placing, and compacting, bituminous surface course to a depth of 1.5 inches.

- g. Restoring disturbed areas to preexisting conditions. This includes, but is not limited to, sidewalks, driveways, curb, berm, lawn areas, landscaped areas, and miscellaneous site improvements.
 - h. Cleaning drainage structures that collected sediment and debris as a result of construction.
 - i. Removing and disposing surplus materials, construction waste, and debris.
2. Measurement: As measured by the Owner, per square yard of bituminous surface course, installed complete in place.
 3. Payment: Bituminous Surface Course will be paid for per square yard of bituminous surface course as directed and approved in the field

Add/Deduct Unit Bid Items 4.A to 4.E: Bituminous Base Course

1. Bituminous Base Course includes, but is not limited to, the following:
 - a. Erosion and sedimentation control.
 - b. Traffic control.
 - c. Furnishing, placing, and compacting, bituminous base course to a depth of 2.5 inches.
 - d. Restoring disturbed areas to preexisting conditions. This includes, but is not limited to, sidewalks, driveways, curb, berm, lawn areas, landscaped areas, and miscellaneous site improvements.
 - e. Cleaning drainage structures that collected sediment and debris as a result of construction.
 - f. Removing and disposing surplus materials, construction waste, and debris.
2. Measurement: As measured by the Owner, per square yard of bituminous base course, installed complete in place.
3. Payment: Bituminous Base Course will be paid for per square yard of bituminous base course as directed and approved in the field

Add/Deduct Unit Bid Item 5: Tack Coat Type 1

1. Tack Coat Type 1 includes applying tack coat to vertical surfaces of existing pavement.
2. Measurement: As measured by the Owner per linear foot of tack coat installed, complete in place.
3. Payment: Tack Coat Type 1 will be paid linear foot of tack coat installed, as directed and approved in the field.

Add/Deduct Unit Bid Item 6: Tack Coat Type 2

1. Tack Coat Type 2 includes cleaning and applying tack coat to bituminous base course prior to the placement of bituminous surface course.
2. Measurement: As measured by the Owner per square yard of tack coat installed, complete in place.

3. Payment: Tack Coat Type 2 will be paid square yard of tack coat installed, as directed and approved in the field.

Add/Deduct Unit Bid Items 7.A to 7.B: Remove & Dispose Bituminous Pavement

1. Remove & Dispose Bituminous Pavement includes, but is not limited to, the following
 - a. Erosion and sediment control.
 - b. Traffic Control.
 - c. Sawcutting, removing, and disposing pavement.
2. Measurement: As measured by the Owner, per square yard of bituminous pavement removed and disposed.
3. Payment: Remove & Dispose Bituminous Pavement will be paid per square yard of pavement removed and disposed, as directed and approved in the field.

Add/Deduct Unit Bid Items 8.A to 8.C: Remove & Dispose Concrete Sidewalk

1. Remove & Dispose Concrete Sidewalk includes, but is not limited to,
 - a. Erosion and sediment control.
 - b. Traffic control.
 - c. Removing and disposing concrete sidewalk.
2. Measurement: As measured by the Owner, per square yard of concrete sidewalk removed and disposed.
3. Payment: Remove & Dispose Concrete Sidewalk will be paid per square yard of concrete sidewalk removed and disposed, as directed and approved in the field.

Add/Deduct Unit Bid Items 9.A to 9.B: Remove & Reset Granite Curb

1. Remove & Reset Granite Curb includes, but is not limited to, the following:
 - a. Erosion and sediment control.
 - b. Traffic control.
 - c. Removing, stockpiling, and resetting existing granite curb including excavation, backfill, gravel borrow, and concrete curb lock.
2. Measurement: As measured by the Owner per linear foot of reset granite curb, complete in place.
3. Payment: Remove & Reset Granite Curb will be paid per linear foot of reset granite curb, as directed and approved in the field.

Add/Deduct Unit Bid Items 10.A to 10.B: Remove & Dispose Concrete Curb

1. Remove & Dispose Concrete Curb includes, but is not limited to, the following:
 - a. Erosion and sediment control.
 - b. Traffic control.
 - c. Removing and disposing concrete curb.
2. Measurement: As measured by the Owner per linear foot of concrete curb removed and disposed.

3. Payment: Remove & Dispose Concrete Curb will be paid per linear foot of removed and disposed concrete curb, as directed and approved in the field.

Add/Deduct Unit Bid Items 11.A to 11.B: Remove & Dispose Bituminous Berm

1. Remove & Dispose Bituminous Berm includes, but is not limited to, the following:
 - a. Erosion and sediment control.
 - b. Traffic control.
 - c. Removing and disposing existing bituminous berm.
2. Measurement: As measured by the Owner per linear foot of bituminous berm removed and disposed.
3. Payment: Remove & Dispose Bituminous Berm will be paid per linear foot of removed and disposed bituminous berm, as directed and approved in the field.

Add/Deduct Unit Bid Items 12.A to 12.B: Granite Curb - Straight

1. Granite Curb - Straight includes, but is not limited to, the following:
 - a. Erosion and sedimentation control.
 - b. Traffic control.
 - c. Furnishing and installing straight sections of granite curb including excavation, backfill, gravel borrow, and concrete curb lock.
2. Measurement: As measured by the Owner, per linear foot of straight granite curb installed.
3. Payment: Granite Curb- Straight will be paid per linear foot of straight granite curb installed, as directed and approved in the field.

Add/Deduct Unit Bid Items 13.A to 13.B: Granite Curb - Radius

1. Granite Curb – Radius includes, but is not limited to, the following:
 - a. Erosion and sedimentation control.
 - b. Traffic control.
 - c. Furnishing and installing radius sections of granite curb including excavation, backfill, gravel borrow, and concrete curb lock.
2. Measurement: As measured by the Owner, per linear foot of radius granite curb installed.
3. Payment: Granite Curb- Radius will be paid per linear foot of radius granite curb installed, as directed and approved in the field.

Add/Deduct Unit Bid Item 14: Granite Curb – 3' Transition

1. Granite Curb – 3' Transition includes, but is not limited to, the following:
 - a. Erosion and sedimentation control.
 - b. Traffic control.
 - c. Furnishing and installing 3' granite transition curbs including excavation, backfill, gravel borrow, and concrete curb lock.

2. Measurement: As measured by the Owner, per each 3' granite transition curb installed.
3. Payment: Granite Curb – 3' Transition will be paid per each 3' granite transition curb installed, as directed and approved in the field.

Add/Deduct Unit Bid Item 15: Granite Curb – 6' Transition

1. Granite Curb – 6' Transition includes, but is not limited to, the following:
 - a. Erosion and sedimentation control.
 - b. Traffic control.
 - c. Furnishing and installing 6' granite transition curbs including excavation, backfill, gravel borrow, and concrete curb lock.
2. Measurement: As measured by the Owner, per each 6' granite transition curb installed.
3. Payment: Granite Curb – 6' Transition will be paid per each 6' granite transition curb installed, as directed and approved in the field.

Add/Deduct Unit Bid Item 16: Granite Curb – 2' Radius Corner

1. Granite Curb – 2' Radius Corner includes, but is not limited to, the following:
 - a. Erosion and sedimentation control.
 - b. Traffic control.
 - c. Furnishing and installing 2' granite radius corners including excavation, backfill, gravel borrow, and concrete curb lock.
2. Measurement: As measured by the Owner, per each 2' radius granite corner installed.
3. Payment: Granite Curb – 2' Radius Corner will be paid per each 2' radius granite corner installed, as directed and approved in the field.

Add/Deduct Unit Bid Item 17: Granite Inlet Stone

1. Granite Inlet Stone includes, but is not limited to, the following:
 - a. Erosion and sedimentation control.
 - b. Traffic control.
 - c. Furnishing and installing granite inlet stones, including the required excavation, backfill, gravel borrow, and the concrete curb lock.
2. Measurement: As measured by the Owner, per each granite inlet stone installed.
3. Payment: Granite Inlet Stone will be paid per each granite inlet stone installed, as directed and approved in the field.

Add/Deduct Unit Bid Item 18: Granite Apron Stone

1. Granite Apron Stone includes, but is not limited to, the following:
 - a. Erosion and sedimentation control.
 - b. Traffic control.

- c. Furnishing and installing granite apron stones, including the required excavation, backfill, gravel borrow, and the concrete curb lock.
2. Measurement: As measured by the Owner, per each granite apron stone installed.
3. Payment: Granite Apron Stone will be paid per each granite apron stone installed, as directed and approved in the field.

Add/Deduct Unit Bid Item 19.A to 19.B: Bituminous Berm

1. Bituminous Berm, includes, but is not limited to, the following:
 - a. Erosion and sedimentation control.
 - b. Traffic control.
 - c. Furnishing and installing bituminous berm.
2. Measurement: As measured by the Owner, per linear foot of bituminous berm installed.
3. Payment: Bituminous Berm will be paid per linear foot of bituminous berm installed, as directed and approved in the field.

Add/Deduct Unit Bid Item 20.A to 20.B: Bituminous Concrete Lip Curb

1. Bituminous Concrete Lip Curb, includes, but is not limited to, the following:
 - a. Erosion and sedimentation control.
 - b. Traffic control.
 - c. Furnishing and installing bituminous concrete lip curb.
2. Measurement: As measured by the Owner, per linear foot of bituminous concrete lip curb installed.
3. Payment: Bituminous Concrete Lip Curb will be paid per linear foot of bituminous concrete lip curb installed, as directed and approved in the field.

Add/Deduct Unit Bid Item 21: Bituminous Driveway

1. Bituminous Driveway includes, but is not limited to, the following:
 - a. Traffic control.
 - b. Furnishing, placing, and compacting 1.5 inches of bituminous base course and 1.5 inches of bituminous surface course (Class I-1)
 - c. Cracksealing joint between new and existing driveway.
2. Measurement: As measured by the Owner per square yard of bituminous driveway pavement installed, complete in place.
3. Payment: Bituminous Driveway will be paid per square yard of bituminous driveway pavement installed, as directed and approved in the field.

Add/Deduct Unit Bid Items 22: Concrete Driveway

1. Concrete Driveway includes, but is not limited to, the following:
 - a. Traffic control.
 - b. Furnishing and installing forms, concrete, joints, and finishing the concrete.

2. Measurement: As measured by the Owner per square yard of concrete driveway installed, complete in place.
3. Payment: Concrete Driveway will be paid per square yard of concrete driveway installed, as directed and approved in the field.

Add/Deduct Unit Bid Items 23.A to 23.C: Concrete Sidewalk

1. Concrete Sidewalk includes, but is not limited to, the following:
 - a. Erosion and sedimentation control.
 - b. Traffic control.
 - c. Furnishing and installing forms, concrete, joints, and finishing the concrete.
2. Measurement: As measured by the Owner per square yard of concrete sidewalk installed, complete in place.
3. Payment: Concrete Sidewalk will be paid per square yard of concrete sidewalk installed, as directed and approved in the field.

Add/Deduct Unit Bid Items 24.A to 24.C: Bituminous Sidewalk

1. Bituminous Sidewalk includes, but is not limited to, the following:
 - a. Erosion and sedimentation control.
 - b. Traffic control.
 - c. Furnishing, placing, and compacting bituminous pavement (Class I-2) surface course in two equal courses.
2. Measurement: As measured by the Owner per square yard of bituminous sidewalk pavement installed, complete in place.
3. Payment: Bituminous Sidewalk will be paid per square yard of bituminous sidewalk pavement installed, as directed and approved in the field.

Add/Deduct Unit Bid Item 25: Gravel Borrow

1. Gravel Borrow includes, but is not limited to, the following:
 - a. Erosion and sedimentation control.
 - b. Traffic control.
 - c. Furnishing, installing, grading and compacting gravel borrow.
2. Measurement: As measured by the Owner per cubic yard of compacted gravel borrow installed, complete in place.
3. Payment: Gravel Borrow will be paid per cubic yard of compacted gravel borrow installed, as directed and approved in the field.

Add/Deduct Unit Bid Item 26: Remove & Dispose Existing Road Subbase Material

1. Remove & Dispose Existing Road Subbase Material includes, but is not limited to, the following:
 - a. Removing and disposing existing subbase material below the existing pavement to a depth specified by the Owner.

2. Measurement: As measured by the Owner per cubic yard of subbase material removed and disposed.
3. Remove & Dispose Existing Road Subbase Material will be paid per cubic yard of subbase material removed, as shown on the Contract Drawings, or as directed and approved in the field.

Add/Deduct Unit Bid Item 27: Crack Sealing

1. Crack Sealing includes, but is not limited to, the following:
 - a. Erosion and sedimentation control.
 - b. Traffic control.
 - c. Sealing cracks with an asphalt and fiber compound.
2. Measurement: As measured by the Owner per gallon of crack sealer used, complete in place.
3. Payment: Crack Sealing will be paid per gallon of crack sealer used, as directed and approved in the field.

Add/Deduct Unit Bid Item 28: Reconstruct Drainage or Sewer Structure

1. Reconstruct Drainage/Sewer Structure includes, but is not limited to, the following:
 - a. Removing and resetting frames, grates, and covers.
 - b. Removing and replacing brick and mortar in accordance with Sections 702 and 704 of the current edition of the *Rhode Island Department of Transportation Standard Specifications for Road and Bridge Construction*.
 - c. Excavation, backfilling, and compacting.
2. Measurement: As measured per vertical foot below finish grade of structure repair, complete in place.
3. Payment: Reconstruct Drainage/Sewer Structure will be paid per vertical foot of reconstructed drainage or sewer structure, as directed and approved in the field.

Add/Deduct Unit Bid Item 29: Replace Frame and Cover or Frame and Grate

1. Replace Frame and Cover or Frame and Grate includes, but is not limited to, the following:
 - a. Removing and disposing existing frames, grates, and covers.
 - b. Installing frames, grates, and covers (frame, grates, and covers shall be provided by the Owner).
2. Measurement: As measured per each frame and cover or frame and grate installed, complete in place.
3. Payment: Replace Frame and Cover or Frame and Grate will be paid per each frame and cover or frame and grate installed, as directed and approved in the field.

Add/Deduct Unit Bid Item 30: Replace Catch Basin with Drop Inlet

1. Replace Catch Basin with Drop Inlet includes, but is not limited to, the following:
 - a. Removing and Disposing of existing catch basin.

- b. Installing Precast Concrete Drop Inlet.
 - c. Connecting existing pipes to drop inlet.
2. Measurement: As measured by the Owner per each drop inlet installed, complete in place.
3. Payment: Replace Catch Basin with Drop Inlet will be paid per each drop inlet installed, as directed and approved in the field.

Add/Deduct Unit Bid Item 31: Replace Catch Basin with 4' Diameter Catch Basin

1. Replace Catch Basin with 4' Diameter Catch Basin includes, but is not limited to, the following:
 - a. Removing and Disposing of existing catch basin.
 - b. Installing 4' Diameter Precast Catch Basin.
 - c. Connecting existing pipes to catch basin.
2. Measurement: As measured by the Owner per each catch basin installed, complete in place.
4. Payment: Replace Catch Basin with 4' Diameter Catch Basin will be paid per each catch basin installed, as directed and approved in the field.

Add/Deduct Unit Bid Item 32: Replace Catch Basin with 5' Diameter Catch Basin

1. Replace Catch Basin with 5' Diameter Catch Basin includes, but is not limited to, the following:
 - a. Removing and Disposing of existing catch basin.
 - b. Installing 5' Diameter Precast Catch Basin.
 - c. Connecting existing pipes to catch basin.
2. Measurement: As measured by the Owner per each catch basin installed, complete in place.
3. Payment: Replace Catch Basin with 5' Diameter Catch Basin will be paid per each catch basin installed, as directed and approved in the field.

Add/Deduct Unit Bid Item 33: Replace Catch Basin with 6' Diameter Catch Basin

1. Replace Catch Basin with 6' Diameter Catch Basin includes, but is not limited to, the following:
 - a. Removing and Disposing of existing catch basin.
 - b. Installing 6' Diameter Precast Catch Basin.
 - c. Connecting existing pipes to catch basin.
2. Measurement: As measured by the Owner per each catch basin installed, complete in place.
3. Payment: Replace Catch Basin with 6' Diameter Catch Basin will be paid per each catch basin installed, as directed and approved in the field.

Add/Deduct Unit Bid Item 34: Silt Fence

1. Silt Fence includes, but is not limited to, the following:

- a. Installing, maintaining, and removing silt fence.
2. Measurement: As measured by the Owner per linear foot of silt fence installed, complete in place.
3. Payment: Silt Fence will be paid per linear foot of silt fence installed, maintained, and removed, as directed and approved in the field. Contractor shall be paid 50% of the unit price upon installation and 50% of the unit price upon removal.

Add/Deduct Unit Bid Item 35: Material Screening - 3/4" Minus

1. Material Screening - 3/4" Minus includes, but is not limited to, the following:
 - a. Providing all equipment, tools, and labor necessary to screen existing material stockpiles located at the Town material storage facility located on Hood Drive to a size of 3/4" or less.
2. Measurement: As measured by the Owner per eight hour day of screening, complete in place.
3. Payment: Material Screening - 3/4" Minus will be paid per eight hour day of screening, as directed and approved in the field.

Add/Deduct Unit Bid Item 36: Material Screening - 1/2" Minus

1. Material Screening - 1/2" Minus includes, but is not limited to, the following:
 - a. Providing all equipment, tools, and labor necessary to screen existing material stockpiles located at the Town material storage facility located on Hood Drive to a size of 1/2" or less.
2. Measurement: As measured by the Owner per eight hour day of screening, complete in place.
3. Payment: Material Screening - 1/2" Minus will be paid per eight hour day of screening, as directed and approved in the field.

Add/Deduct Unit Bid Item 37: Material Screening - 3/8" Minus

1. Material Screening - 3/8" Minus includes, but is not limited to, the following:
 - a. Providing all equipment, tools, and labor necessary to screen existing material stockpiles located at the Town material storage facility located on Hood Drive to a size of 3/8" or less.
2. Measurement: As measured by the Owner per eight hour day of screening, complete in place.
3. Payment: Material Screening - 3/8" Minus will be paid per eight hour day of screening, as directed and approved in the field.

Add/Deduct Unit Bid Item 38: Steel Backed Timber Guardrail

1. Steel Backed Timber Guardrail includes, but is not limited to, the following:
 - a. Furnishing and installing steel backed timber guardrail in accordance with RIDOT Standard Detail 34.4.0

2. Measurement: As measured by the Owner per linear foot of guardrail installed, complete in place.
3. Payment: Steel Backed Timber Guardrail will be paid per linear foot of guardrail installed, as directed and approved in the field.

Add/Deduct Unit Bid Item 39: Paved Waterway

1. Paved Waterway includes, but is not limited to, the following:
 - a. Furnishing and installing a paved waterway in accordance with RIDOT Standard Detail 8.4.0
2. Measurement: As measured by the Owner per each paved waterway installed, complete in place.
3. Payment: Paved Waterway will be paid per each paved waterway installed, as directed and approved in the field.

EXHIBIT C

SITE PLANS

LUMP SUM BID ITEM 1: RECLAMATION & RECONSTRUCTION OF BOUVIER AVENUE, VOSE STREET, ASCENSION STREET, POTHIER STREET, & GAULIN STREET

GENERAL NOTES:

1. THE INFORMATION SHOWN ON THIS PLAN IS APPROXIMATE FOR THE PURPOSE OF DEPICTING THE LIMIT OF WORK ONLY. BIDDERS SHALL BASE THEIR BID PRICES ON MEASUREMENTS IN THE FIELD.
2. ONLY UTILITIES WITH FULL REPLACEMENTS ARE SHOWN. UTILITIES REQUIRING ADJUSTMENT TO FINISH GRADE ARE NOT SHOWN. BIDDERS SHALL BASE THEIR BID PRICES ON MEASUREMENTS IN THE FIELD.

RECLAIM AND RECONSTRUCT GENERAL SCOPE OF WORK

1. PROVIDE TRAFFIC CONTROL.
2. INSTALL SILT SACKS IN EXISTING CATCH BASINS.
3. SAWCUT EXISTING PAVEMENT AND RECLAIM ROADS TO A DEPTH OF 8" WITHIN LIMIT OF WORK.
4. COMPACT AND GRADE PROCESSED AGGREGATE BASE TO PROVIDE ADEQUATE DRAINAGE AND RE-ESTABLISH 6-INCH CURB REVEAL ALONG EDGE OF ROAD.
5. REMOVE AND TRANSPORT SURPLUS RECLAIMED MATERIAL TO THE TOWN MATERIAL STORAGE FACILITY LOCATED ON HOOD DRIVE.
6. FURNISH, PLACE, AND COMPACT 2.5" OF BITUMINOUS BASE COURSE
7. ADJUST UTILITY STRUCTURES TO GRADE.
8. APPLY TACK COAT TO HORIZONTAL SURFACES AND VERTICAL EDGES.
9. FURNISH, PLACE, AND COMPACT 1.5" OF BITUMINOUS SURFACE COURSE (CLASS I-1).
10. LOAM AND SEED DISTURBED AREAS AND ESTABLISH VEGETATION.
11. CLEAN WORK AREA AND CATCH BASINS OF DEBRIS. RESTORE ALL DISTURBED AREAS TO PREEXISTING CONDITIONS.

CURBING IMPROVEMENTS GENERAL SCOPE OF WORK

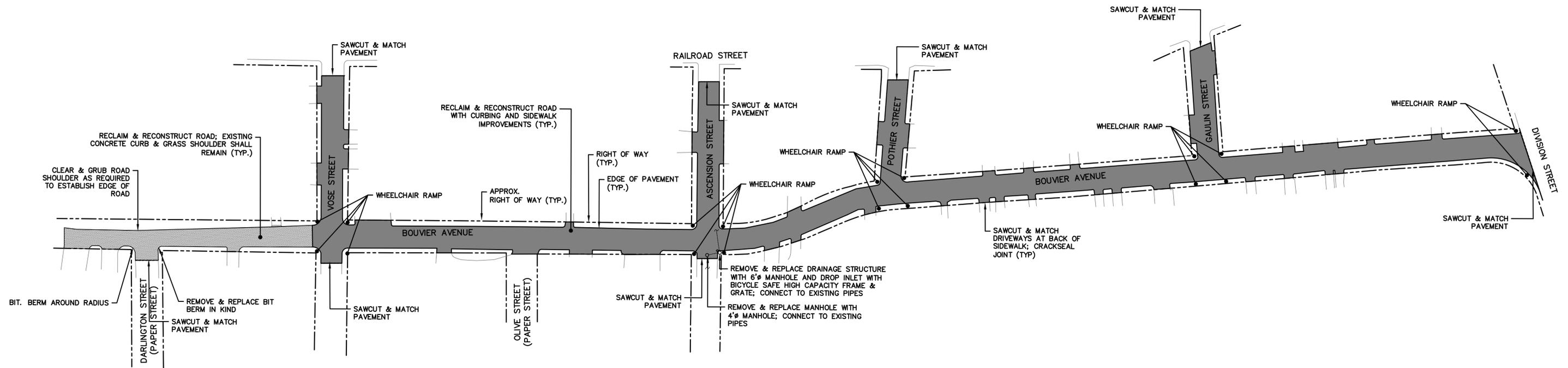
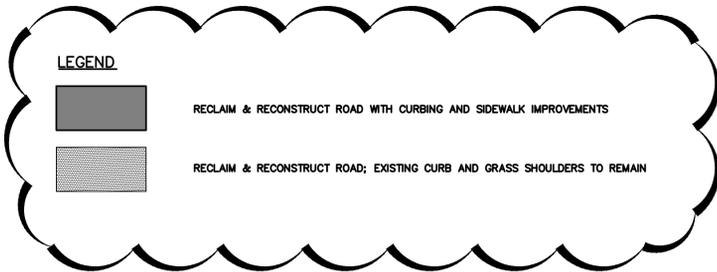
1. REMOVE AND REPLACE CONCRETE AND BITUMINOUS CURB WITH GRANITE CURB.
2. INSTALL GRANITE CURB ALONG UNCURBED SHOULDERS.
3. RESET EXISTING GRANITE CURB.
4. INSTALL 2" GRANITE CURB RETURNS AT ALL DRIVEWAY OPENINGS.
5. INSTALL 6" GRANITE TRANSITION CURBS AT STREET INTERSECTIONS FOR WHEELCHAIR RAMPS.
6. REPLACE APRON STONES WITH GRANITE APRON STONES.
7. ALL CURB (NEW AND RESET) SHALL BE INSTALLED WITH CONCRETE CURB LOCK ALONG FRONT AND BACK FACE OF CURBS.

SIDEWALK IMPROVEMENTS SCOPE OF WORK

1. REMOVE AND REPLACE EXISTING SIDEWALK WITH 2 1/2" OF COMPACTED GRAVEL BORROW AND 3" BITUMINOUS SIDEWALK (CLASS I-2). BITUMINOUS SIDEWALK SHALL BE PLACED IN TWO-1.5" COMPACTED LIFTS.
2. REMOVE & REPLACE GRASS SHOULDERS WITH 6" COMPACTED GRAVEL BORROW AND 3" BITUMINOUS SIDEWALK (CLASS I-2). SIDEWALK SHALL BE PLACED IN TWO-1.5" COMPACTED LIFTS.
3. INSTALL BITUMINOUS WHEELCHAIR RAMPS AT INTERSECTING STREETS WITH GRANITE TRANSITION CURBS.

DRIVEWAY SCOPE OF WORK

1. IN AREAS OF SIDEWALK REPLACEMENT/INSTALLATION, SAWCUT AND REMOVE DRIVEWAY APRONS IN LINE WITH BACK OF SIDEWALK. REPLACE ALL DRIVEWAY APRONS WITH BITUMINOUS PAVEMENT. IF THE ABUTTING PORTION OF DRIVEWAY IS CONCRETE, REPLACE THE APRON WITH A CONCRETE APRON. CRACKSEAL ALONG BITUMINOUS DRIVEWAY APRON EDGES.
2. IN AREAS WHERE SIDEWALK IMPROVEMENTS ARE NOT PROPOSED, SAWCUT DRIVEWAYS 2' BACK FROM THE EDGE OF PAVEMENT. REPLACE ALL DRIVEWAY APRONS WITH BITUMINOUS PAVEMENT. IF THE ABUTTING PORTION OF DRIVEWAY IS CONCRETE, REPLACE THE APRON WITH A CONCRETE APRON. CRACKSEAL ALONG BITUMINOUS DRIVEWAY APRON EDGES.
3. INSTALL 2" GRANITE CURB RETURNS AT ALL DRIVEWAY OPENINGS.



PLAN PREPARED BY:

TOWN OF LINCOLN
DEPARTMENT OF PUBLIC WORKS
OFFICE OF THE TOWN ENGINEER
100 OLD RIVER ROAD, LINCOLN, RI 02865



PROJECT TITLE

2016-2017 ROADWAY RECONSTRUCTION

SHEET DESCRIPTION

PAVING LOCATION PLAN 1

DESIGNED BY:

L.C.Q

DRAWN BY:

CHECKED BY:

DATE
05/16 (REV. 06/16)

SCALE
1"=60'±

C.1



GENERAL NOTES:
 1. THE INFORMATION SHOWN ON THIS PLAN IS APPROXIMATE FOR THE PURPOSE OF DEPICTING THE LIMIT OF WORK. BIDDERS SHALL BASE THEIR BID PRICES ON MEASUREMENTS IN THE FIELD.

SCOPE OF WORK FOR ALTERNATE BID ITEM 1: RECLAMATION AND RECONSTRUCTION OF GREAT ROAD

1. PROVIDE TRAFFIC CONTROL.
2. INSTALL SILT SACKS IN EXISTING CATCH BASINS.
3. SAWCUT EXISTING PAVEMENT AND RECLAIM ROADS TO A DEPTH OF 8" WITHIN LIMIT OF WORK.
4. COMPACT AND GRADE PROCESSED AGGREGATE BASE TO PROVIDE ADEQUATE DRAINAGE.
5. REMOVE AND TRANSPORT SURPLUS RECLAIMED MATERIAL TO THE TOWN MATERIAL STORAGE FACILITY LOCATED ON HOOD DRIVE.
6. FURNISH, PLACE, AND COMPACT 2.5" OF BITUMINOUS BASE COURSE.
7. ADJUST UTILITY STRUCTURES TO GRADE.
8. APPLY TACK COAT TO HORIZONTAL SURFACES AND VERTICAL EDGES.
10. FURNISH AND INSTALL TWO PAVED WATERWAYS.
11. REMOVE THREE SECTIONS OF EXISTING TIMBER POSTS AND RAIL AT INTERSECTION OF GREAT ROAD AND ANNA SAYLES ROAD.
12. FURNISH AND INSTALL STEEL BACKED TIMBER GUARDRAIL AT INTERSECTION OF GREAT ROAD AND ANNA SAYLES ROAD.
13. FURNISH, PLACE, AND COMPACT 1.5" OF BITUMINOUS SURFACE COURSE (CLASS I-1).
14. REPLACE EXISTING BITUMINOUS BERM/CURB INKIND.
15. LOAM AND SEED DISTURBED AREAS.
16. CLEAN WORK AREA AND CATCH BASINS OF DEBRIS. RESTORE ALL DISTURBED AREAS TO PREEXISTING CONDITIONS.

SCOPE OF WORK FOR ALTERNATE BID ITEM 2: RECLAMATION AND RECONSTRUCTION OF AMICA CENTER BOULEVARD

1. PROVIDE TRAFFIC CONTROL.
2. INSTALL SILT SACKS IN EXISTING CATCH BASINS.
3. SAWCUT EXISTING PAVEMENT AND RECLAIM ROADS TO A DEPTH OF 8" WITHIN LIMIT OF WORK.
4. COMPACT AND GRADE PROCESSED AGGREGATE BASE TO PROVIDE ADEQUATE DRAINAGE AND REESTABLISH 6-INCH CURB REVEAL ALONG EDGE OF ROAD.
5. EXISTING GRANITE CURBING TO REMAIN.
6. REMOVE AND TRANSPORT SURPLUS RECLAIMED MATERIAL TO THE TOWN MATERIAL STORAGE FACILITY LOCATED ON HOOD DRIVE.
7. FURNISH, PLACE, AND COMPACT 2.5" OF BITUMINOUS BASE COURSE.
8. ADJUST UTILITY STRUCTURES TO GRADE.
9. APPLY TACK COAT TO HORIZONTAL SURFACES AND VERTICAL EDGES.
10. FURNISH, PLACE, AND COMPACT 1.5" OF BITUMINOUS SURFACE COURSE (CLASS I-1).
11. LOAM AND SEED DISTURBED AREAS.
12. CLEAN WORK AREA AND CATCH BASINS OF DEBRIS. RESTORE ALL DISTURBED AREAS TO PREEXISTING CONDITIONS.

SCOPE OF WORK FOR ALTERNATE BID ITEM 3: RECLAMATION AND RECONSTRUCTION OF GREAT ROAD AND AMICA CENTER BOULEVARD

1. ALTERNATE BID ITEM 3 INCLUDES ALL WORK ASSOCIATED WITH ALTERNATE BID ITEM 1 AND ALTERNATE BID ITEM 2, AUTHORIZED TO BE RECONSTRUCTED SIMULTANEOUSLY.

ALTERNATE BID ITEM 2
 RECLAMATION AND
 RECONSTRUCTION OF
 AMICA CENTER BOULEVARD

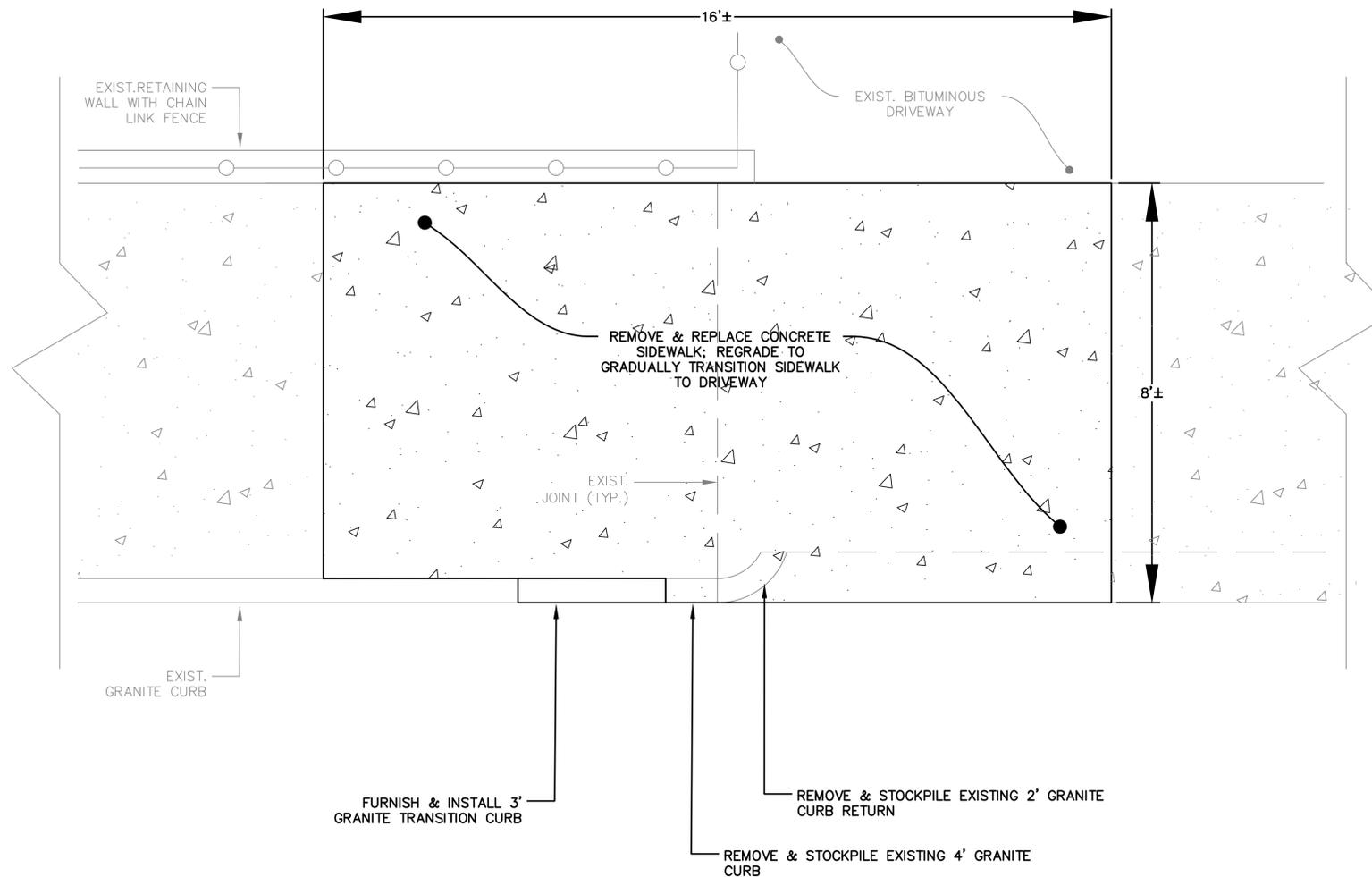
ALTERNATE BID ITEM 1
 RECLAMATION AND
 RECONSTRUCTION OF
 GREAT ROAD

REMOVE THREE SECTIONS OF
 TIMBER RAIL AND REPLACE WITH
 85' OF STEEL BACKED TIMBER
 GUARDRAIL (R.I. STD. 34.4.0)

45' OF STEEL BACKED
 TIMBER GUARDRAIL (R.I.
 STD. 34.4.0)

PAVED WATERWAY AT
 SWALE

PAVED WATERWAY AT
 CATCH BASIN



67 SUMMER STREET

PLAN PREPARED BY:

TOWN OF LINCOLN
DEPARTMENT OF PUBLIC WORKS
OFFICE OF THE TOWN ENGINEER
100 OLD RIVER ROAD, LINCOLN, RI 02865



PROJECT TITLE

2016-2017 ROADWAY
RECONSTRUCTION

SHEET DESCRIPTION

SUMMER STREET
SIDEWALK REPAIR

DESIGNED BY:

L.C.Q

DRAWN BY:

CHECKED BY:

DATE

MAY 2016

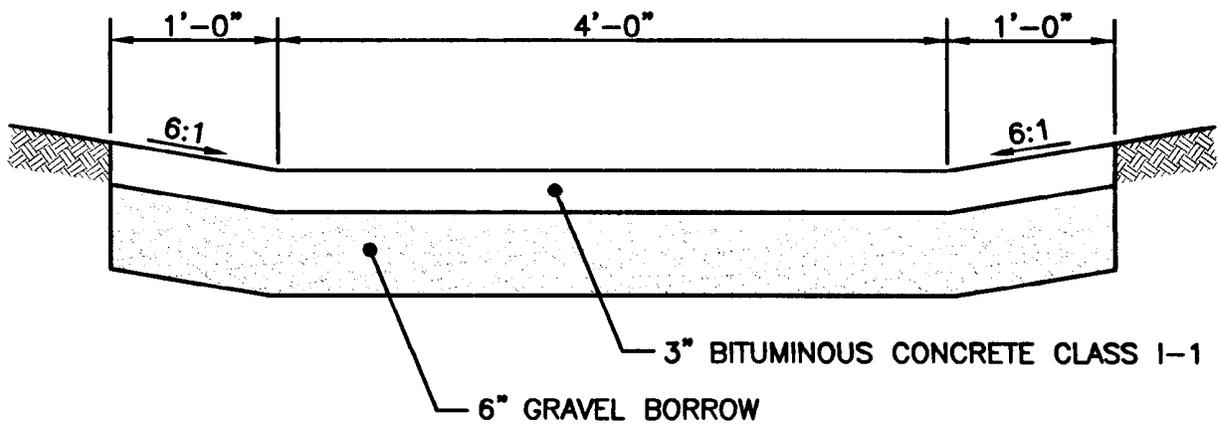
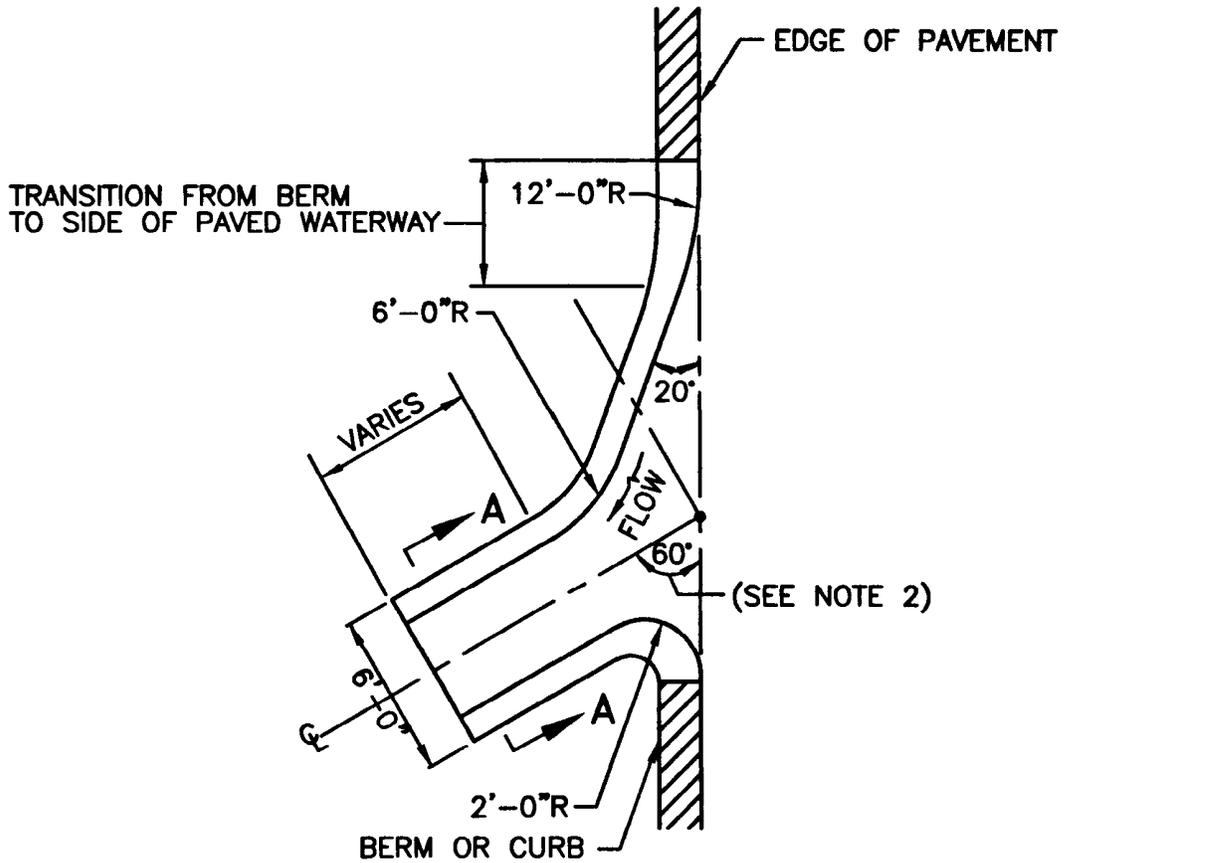
SCALE

NTS

C.3

EXHIBIT D

DETAILS



SECTION A-A

NOTES:

1. SHALL BE IN ACCORDANCE WITH SECTION 711 OF THE R.I. STANDARD SPECIFICATIONS.
2. WHEN PAVED WATERWAY IS USED AT A LOW POINT THIS ANGLE SHALL BE 90°.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

REVISIONS		
NO.	BY	DATE

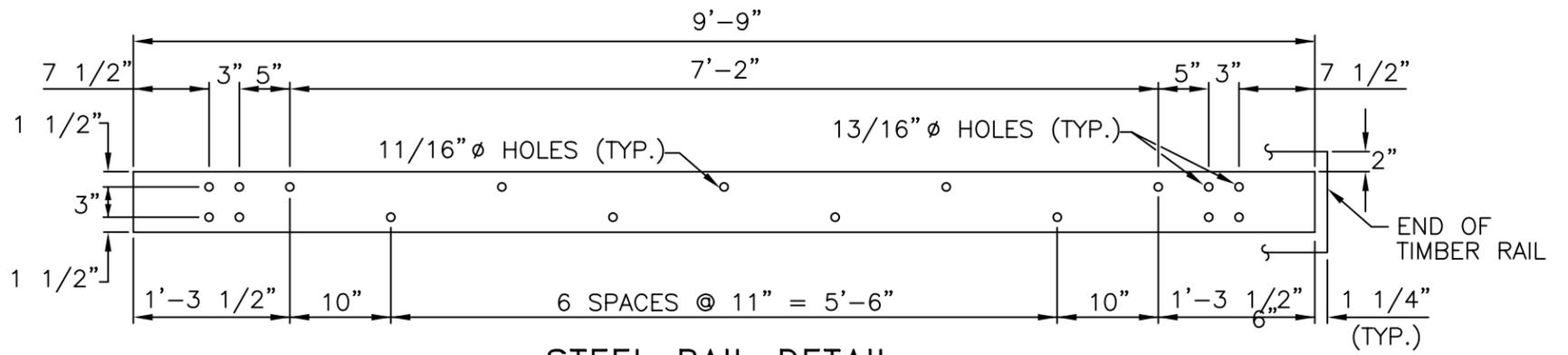
PAVED WATERWAY

James H. Casabelli
 CHIEF ENGINEER
 TRANSPORTATION

Edmund J. Parker Jr.
 CHIEF DESIGN ENGINEER
 TRANSPORTATION

JUNE 15, 1998
 ISSUE DATE





STEEL RAIL DETAIL
6"x3/8"x9'-9"

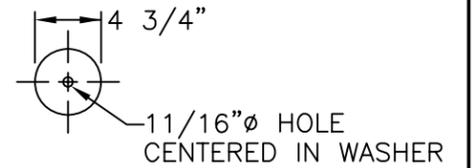
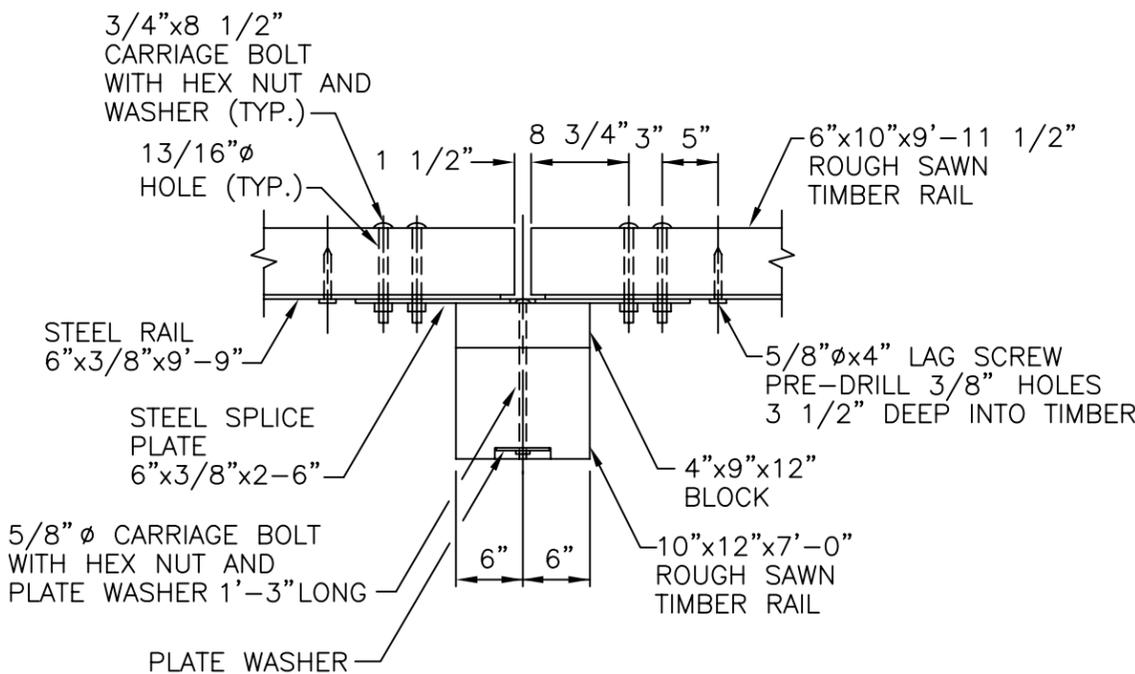
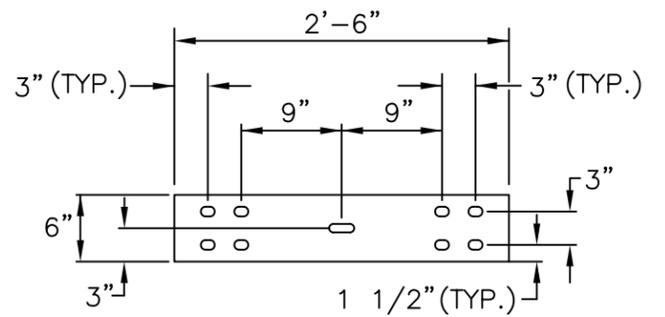


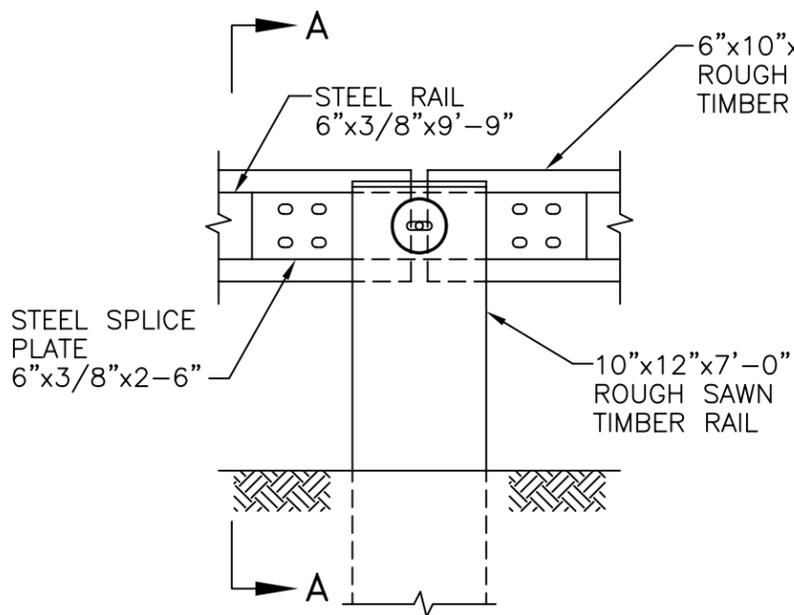
PLATE WASHER DETAIL
4 3/4"Øx1/4"



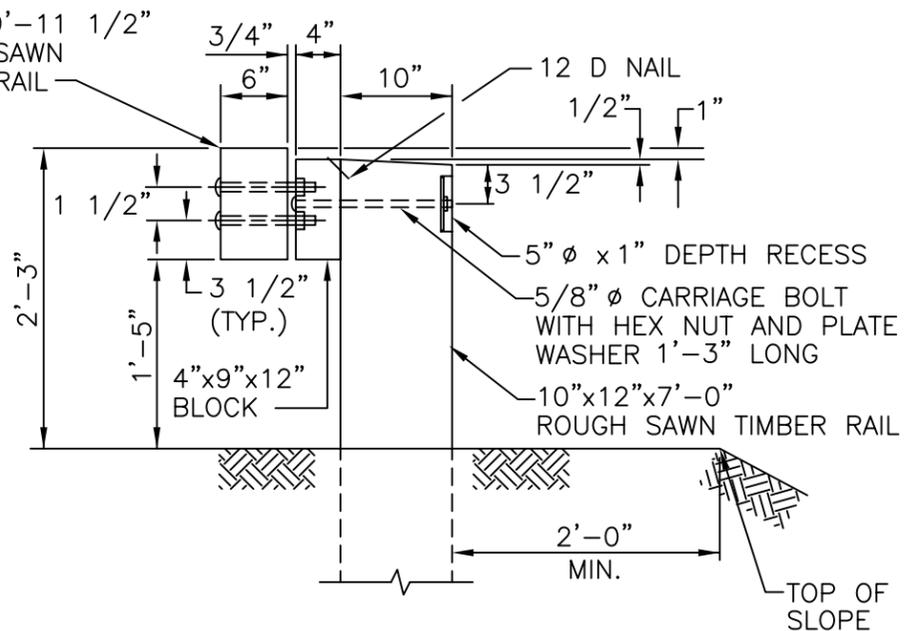
POST CONNECTION PLAN



STEEL SPLICE PLATE DETAIL
6"x3/8"x2'-6"



POST CONNECTION ELEVATION



SECTION A-A

NOTES:

1. SHALL BE IN ACCORDANCE WITH SECTION 902 OF THE R.I. STANDARD SPECIFICATIONS.
2. ALL STRUCTURAL STEEL AND FASTENER HARDWARE SHALL BE WEATHERING STEEL AS SPECIFIED.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

STEEL BACKED TIMBER GUARDRAIL

REVISIONS		
NO.	BY	DATE
1	MLP	3/1/2005

James H. Casabaldi
 CHIEF ENGINEER
 TRANSPORTATION

Edmund J. Parker Jr.
 CHIEF DESIGN ENGINEER
 TRANSPORTATION

JUNE 15, 1998
 ISSUE DATE



EXHIBIT E

SIGN IN SHEET

RFP #2017-01 ROADWAY RECONSTRUCTION

PRE-BID SIGN IN SHEET

MAY 31, 2016 - 10:00 AM

NAME	COMPANY NAME	ADDRESS	EMAIL ADDRESS
1. TrauPeince	Ricon Const.	19 Hopkins Wg	JHathaway@riconconst.net
2. _____	_____	_____	_____
3. Tim Walsh	D'Ambra Construction	600 Jefferson Blvd Waukegan IL 60087	joliver@d-ambra.com
4. _____	_____	_____	_____
5. Chas BREAKEY	WAL. Infrastructure Co.	223 Allens Ave Mount	chrisbreakey@wrcan.com
6. _____	_____	_____	_____
7. PETE DICKIE	PANUCKET HOLDINGS	25 Concord St Roxbury MA	pete@panucketholding.com
8. _____	_____	_____	_____
9. John Mazzo	T. Mazzo Inc	75 Airport Rd Countryside IL	TM10221@comcast.net
10. _____	_____	_____	_____
11. Alexander Veitch	S.H. Lynch & Sons	50 Lynch Pl, Cumberland RI	alexander@veitch.orgmail.com
12. _____	_____	_____	_____
13. _____	_____	_____	_____
14. _____	_____	_____	_____
15. _____	_____	_____	_____
16. _____	_____	_____	_____