

July 9, 2015

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION
DEPARTMENT OF ADMINISTRATION

DIVISION OF PURCHASES BID NO. 7549692

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

RHODE ISLAND CONTRACT NO.2015-CB-032

FEDERAL-AID PROJECT NO. FAP Nos: BHO-0500(002)

Repairs to Hamlet Ave Bridge No. 500

Hamlet Avenue Bridge No. 500 carrying Hamlet Avenue over the Blackstone River

CITY/TOWN OF Woonsocket

COUNTY OF PROVIDENCE

NOTICE TO PROSPECTIVE BIDDERS

ADDENDUM NO. 1 Prospective bidders and all concerned are hereby notified of the following changes in the Plans, Specifications, Proposal and Distribution of Quantities for this contract. These changes shall be incorporated in the Plans, Specifications, Proposal and Distribution of Quantities, and shall become an integral part of the Contract Documents.

A. Drawings/Plans - Change/Addition

1. Volume 1, Sheet 14 - Demolition Sections Sheet 1
Remove Sheet No. 14 of Volume 1 in its entirety and replace it with revised Sheet No. 14 (R-1) attached to this Addendum No. 1. Note 2 has been deleted.
2. Volume 1, Sheet 15 - Demolition Sections Sheet 2
Remove Sheet No. 15 of Volume 1 in its entirety and replace it with revised Sheet No. 15 (R-1) attached to this Addendum No. 1. Note 2 has been deleted.
3. Volume 1, Sheet 20 - Abutment and Deck Sections - Sheet 2
Remove Sheet No. 20 of Volume 1 in its entirety and replace it with revised Sheet No. 20 (R-1) attached to this Addendum No. 1. Callouts and Utility Notes for 16" diameter PVC sleeve have been revised.
4. Volume 1, Sheet 21 - Sidewalk Repair Plan and Sections
Remove Sheet No. 21 of Volume 1 in its entirety and replace it with revised Sheet No. 21 (R-1) attached to this Addendum No. 1. Callout for Polymer Modified Concrete sidewalk repair has been revised.
5. Volume 1, Sheet 35 - Miscellaneous Details Sheet 4
Remove Sheet No. 35 of Volume 1 in its entirety and replace it with revised Sheet No. 35 (R-1) attached to this Addendum No. 1. Callouts and Utility Notes for 16" diameter PVC sleeve have been revised.

B. Distribution of Quantities

1. Index Pages 1 through 3

Remove Index Pages 1 through 3 in their entirety and replace them with Index Pages 1 (R-1) through 3 (R-1) attached to this Addendum No. 1. The Table of Contents has been revised.

2. Pages 1 through 20

Remove Pages 1 through 20 in their entirety and replace them with Pages 1 (R-1), 1a, 2 (R-1), 3 through 15, 16 (R-1), 17 through 32, and 33 (R-1) attached to this Addendum No. 1. Previous Distribution of Quantities report generated by Quest did not include stationing distribution for Items. Stationing distribution has been provided on new pages.

3. Pages 1 (R-1) and 1a

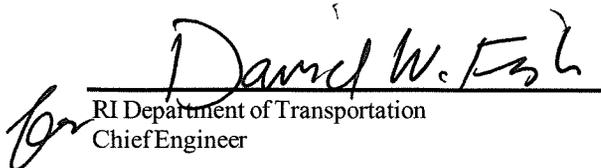
The quantity for Item Code 201.0409 has been revised.

4. Page 16 (R-1)

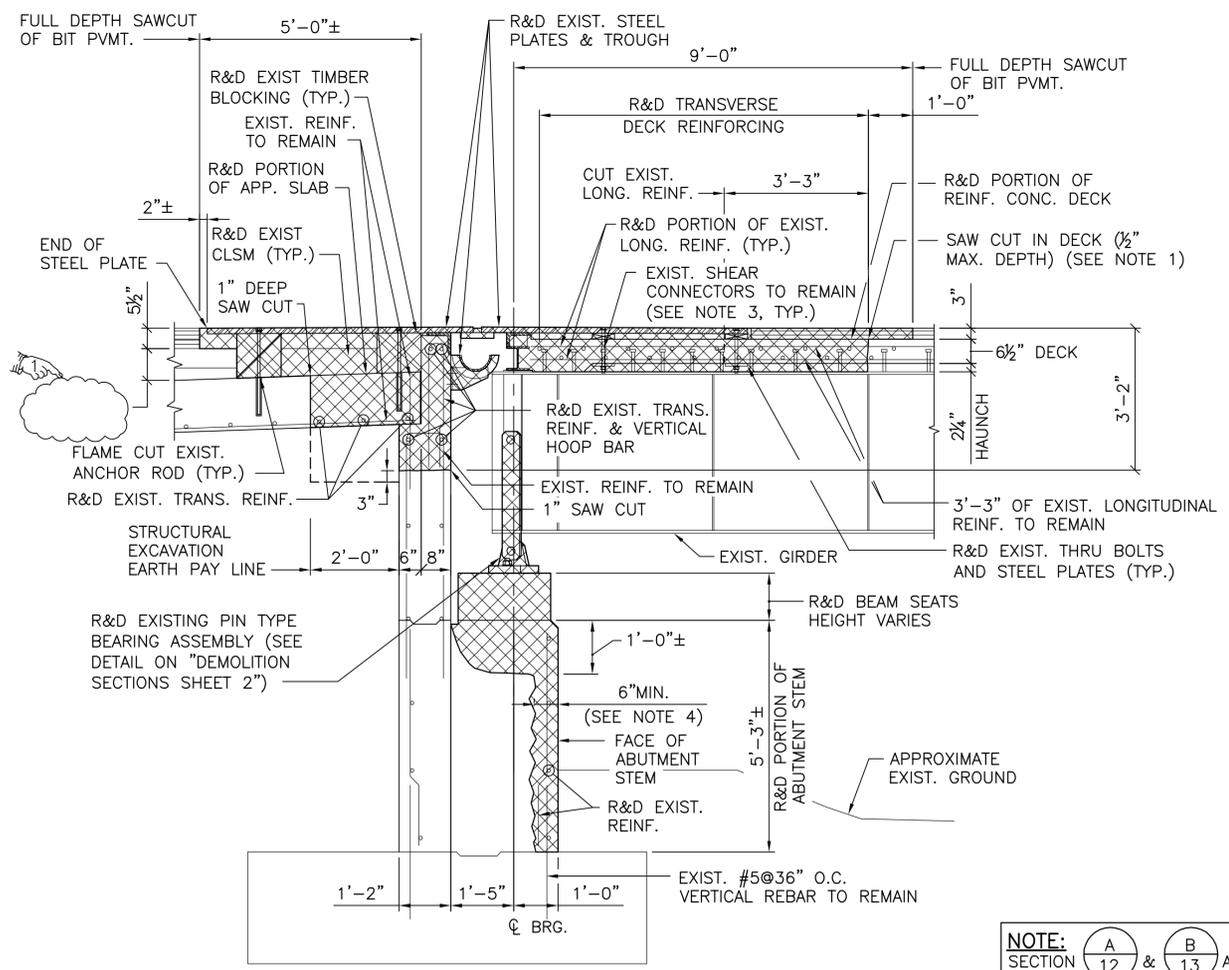
Item Code 817.2200 has been deleted.

5. Page 33 (R-1)

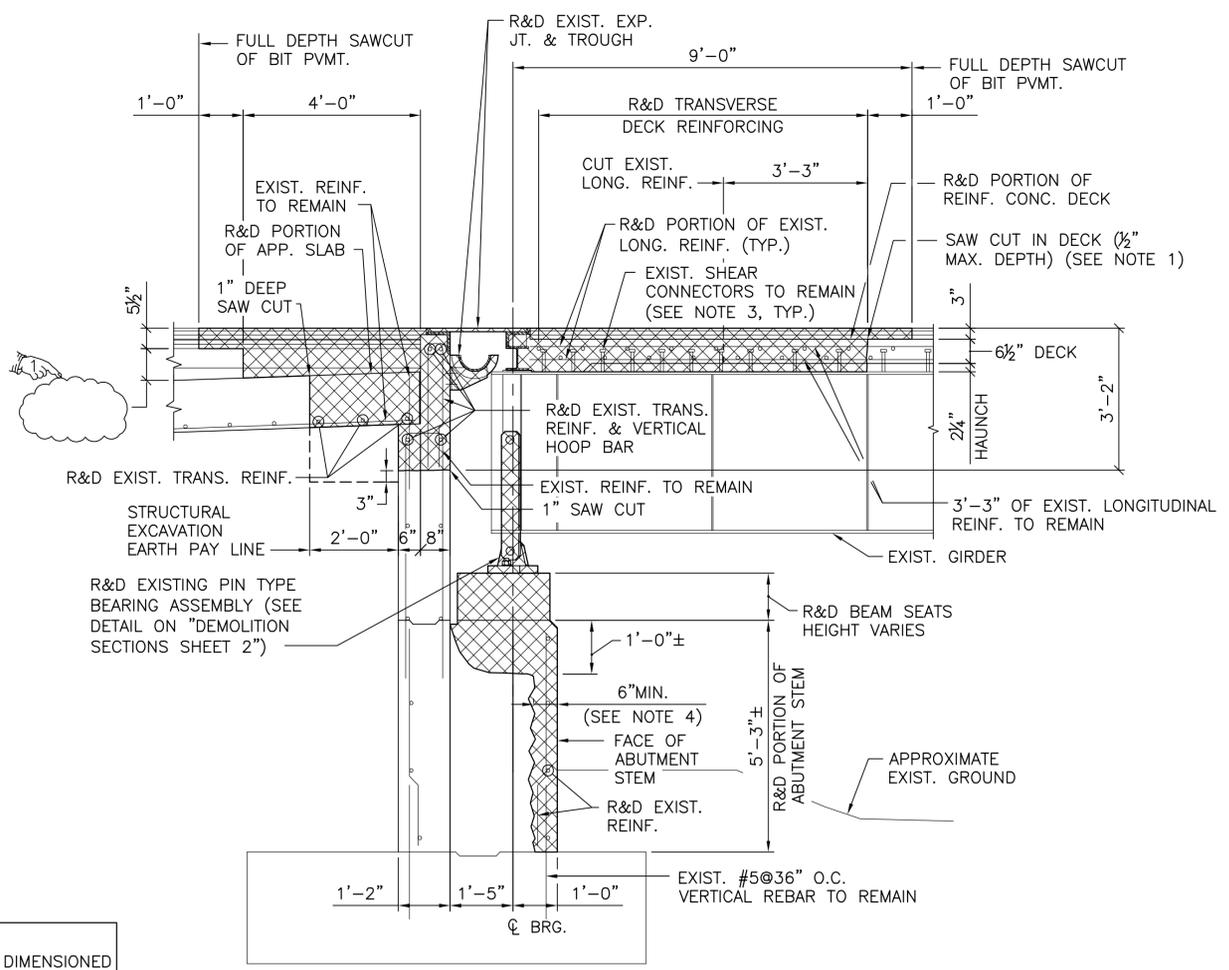
Item Code 817.9901 has been added.



RI Department of Transportation
Chief Engineer



WEST ABUTMENT AT ROADWAY
SECTION **A**
SCALE: 1/2" = 1'-0"



EAST ABUTMENT AT ROADWAY
SECTION **B**
SCALE: 1/2" = 1'-0"

NOTE: SECTION **A** & **B** ARE DIMENSIONED SQUARE TO THE FACE OF THE ABUTMENT.

NOTES:

1. CONTRACTOR MUST USE SPECIAL CARE NOT TO DAMAGE EXISTING REINFORCEMENT TO REMAIN. ANY DAMAGE TO EXISTING REINFORCEMENT TO REMAIN SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE STATE.

NOTE 2 DELETED

3. PER PLANS OF ORIGINAL BRIDGE CONSTRUCTION, SHEAR CONNECTORS MAY EITHER BE STUD CONNECTORS OR CHANNEL CONNECTORS. REFER TO DRAWING No. 500,010 OF ORIGINAL BRIDGE CONSTRUCTION DRAWINGS. ANY SHEAR CONNECTORS DAMAGED AS A RESULT OF THE CONTRACTOR'S WORK SHALL BE REPLACED BY THE CONTRACTOR IN ACCORDANCE WITH RIDOT STANDARD SPECIFICATIONS TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE STATE.

4. THE ENTIRE FACE OF THE CONCRETE STEM SHALL BE REMOVED TO A MINIMUM DEPTH OF 6" AND TO SOUND CONCRETE AS APPROVED BY THE ENGINEER. IF SOUND CONCRETE IS NOT REACHED BY A DEPTH OF 12", THE CONTRACTOR SHALL STOP CONCRETE REMOVAL UNTIL THE ENGINEER CAN REVIEW SITE CONDITIONS AND DETERMINE THE APPROPRIATE METHOD TO PROCEED.

5. REQUIRED TEMPORARY GIRDER END SHORING NOT SHOWN FOR CLARITY. REFER TO "TEMPORARY GIRDER END SHORING DETAILS" SHEETS.

6. CONTRACTOR MUST USE SPECIAL CARE NOT TO DAMAGE ANY EXISTING UTILITIES, TO REMAIN, INSIDE OF EXISTING CONDUITS. ANY REPAIR COSTS INCURRED DUE TO DAMAGE TO EXISTING UTILITIES TO REMAIN SHALL BE BORNE BY THE CONTRACTOR AT NO COST TO THE STATE.

7. REFER TO "MISCELLANEOUS DETAILS SHEET 2" FOR STRUCTURAL EXCAVATION PAY LIMIT DETAIL

LEGEND



REVISIONS		
NO.	DATE	BY
1	7/09/15	KK

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

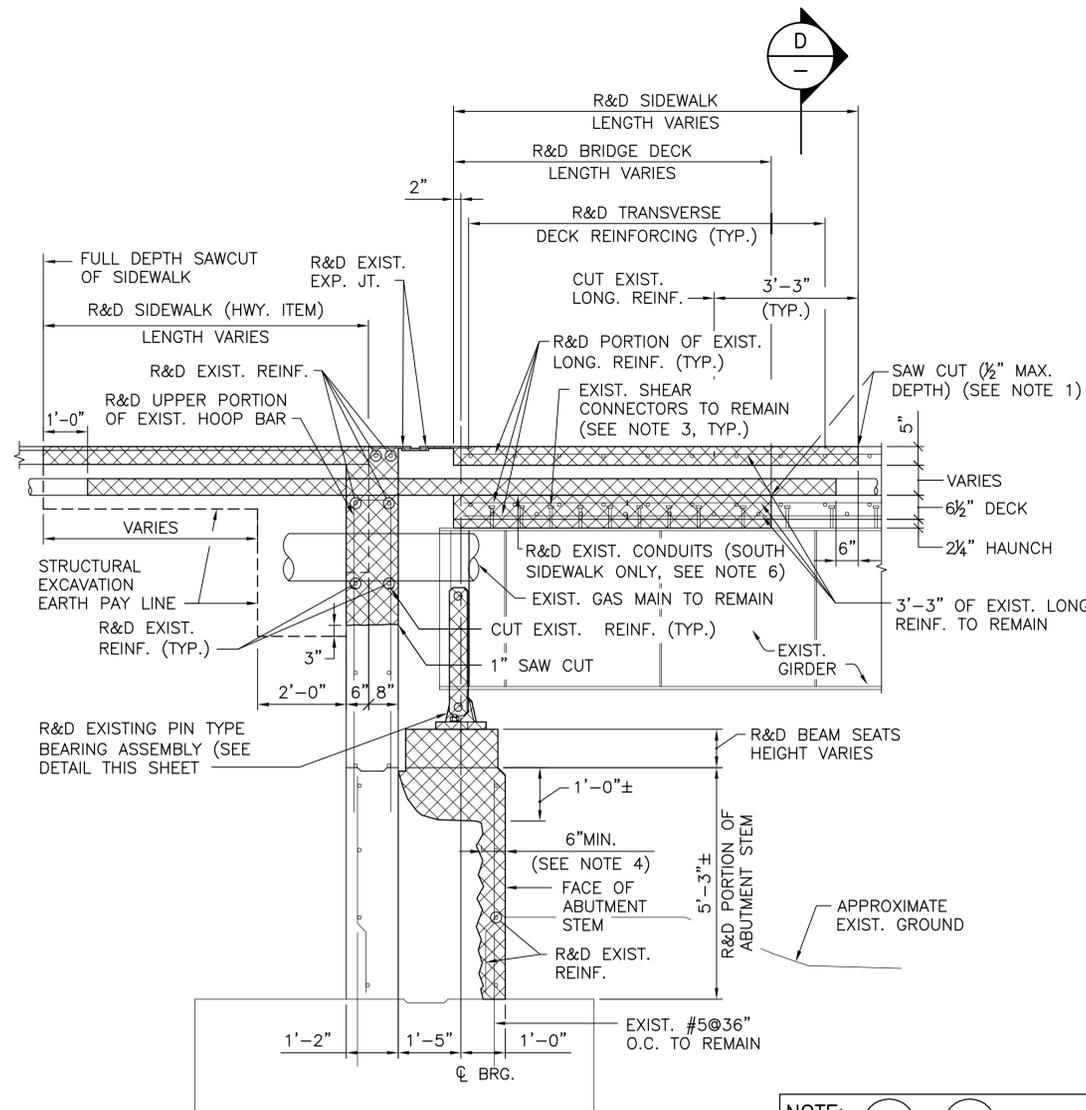
REPAIRS TO
HAMLET AVENUE BRIDGE No. 500

WOONSOCKET, RHODE ISLAND

DEMOLITION SECTIONS
SHEET 1

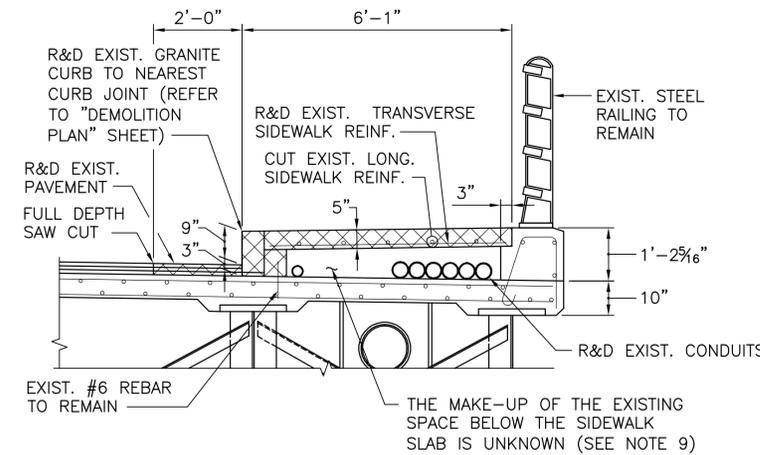
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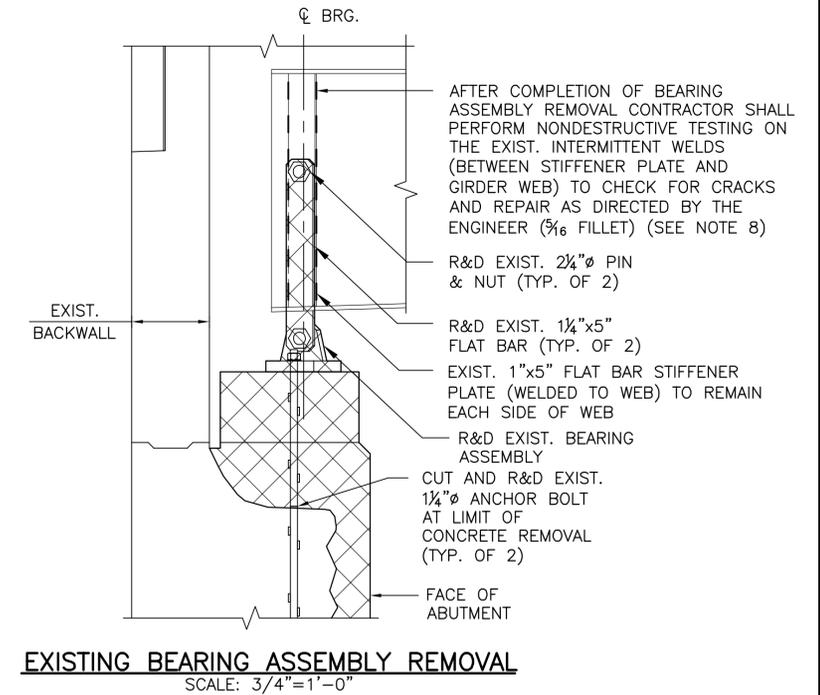


TYPICAL ABUTMENT AT SIDEWALK
SECTION C-C
SCALE: 1/2"=1'-0"

NOTE: SECTION C-12 & C-13 ARE DIMENSIONED SQUARE TO THE FACE OF THE ABUTMENT.



TYPICAL ABUTMENT AT SIDEWALK
SECTION D-D
SCALE: 1/2"=1'-0"



EXISTING BEARING ASSEMBLY REMOVAL
SCALE: 3/4"=1'-0"

NOTES:

- CONTRACTOR MUST USE SPECIAL CARE NOT TO DAMAGE EXISTING REINFORCEMENT TO REMAIN. ANY DAMAGE TO EXISTING REINFORCEMENT TO REMAIN SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE STATE.
- NOTE 2 DELETED
- PER PLANS OF ORIGINAL BRIDGE CONSTRUCTION, SHEAR CONNECTORS MAY EITHER BE STUD CONNECTORS OR CHANNEL CONNECTORS. REFER TO DRAWING No. 500,010 OF ORIGINAL BRIDGE CONSTRUCTION DRAWINGS. ANY SHEAR CONNECTORS DAMAGED AS A RESULT OF THE CONTRACTOR'S WORK SHALL BE REPLACED BY THE CONTRACTOR IN ACCORDANCE WITH RIDOT STANDARD SPECIFICATIONS TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE STATE.
- THE ENTIRE FACE OF THE CONCRETE STEM SHALL BE REMOVED TO A MINIMUM DEPTH OF 6" AND TO SOUND CONCRETE AS APPROVED BY THE ENGINEER. IF SOUND CONCRETE IS NOT REACHED BY A DEPTH OF 12", THE CONTRACTOR SHALL STOP CONCRETE REMOVAL UNTIL THE ENGINEER CAN REVIEW SITE CONDITIONS AND DETERMINE THE APPROPRIATE METHOD TO PROCEED.
- REQUIRED TEMPORARY GIRDER END SHORING NOT SHOWN FOR CLARITY. REFER TO "TEMPORARY GIRDER END SHORING DETAILS" SHEETS.
- EXISTING VERIZON TRANSITE CONDUITS TO BE REMOVED AND DISPOSED BY OTHERS. REFER TO NOTE ON "DEMOLITION PLAN".
- REFER TO "MISCELLANEOUS DETAILS SHEET 2" FOR STRUCTURAL EXCAVATION PAY LIMIT DETAIL.
- COSTS ASSOCIATED WITH WELD INSPECTION AND REPAIR, AS DIRECTED BY THE ENGINEER, SHALL BE INCLUDED WITHIN THE CONTRACT UNIT PRICE FOR ITEM CODE 824.9910 "GIRDER END MODIFICATIONS", AND WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.
- IF THE SPACE BELOW THE SIDEWALK SLAB IS FILLED WITH EARTH, ETC. THE MATERIAL SHALL BE REMOVED AND DISPOSED BY THE VERIZON CONTRACTOR IN THE NORTH BRIDGE SIDEWALK. IF ANY FILL, ETC. IS ENCOUNTERED IN THE SOUTH BRIDGE SIDEWALK, THE RIDOT CONTRACTOR SHALL BE RESPONSIBLE TO R&D THIS MATERIAL. COSTS FOR R&D FILL MATERIAL SHALL BE INCLUDED FOR PAYMENT UNDER THE "R&D PORTION OF EXISTING CONCRETE SUPERSTRUCTURE" ITEM.

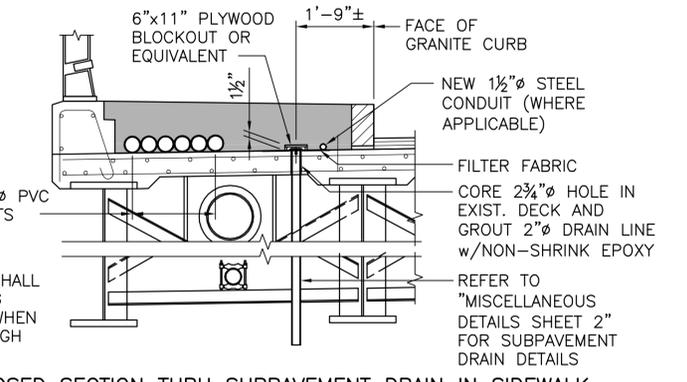
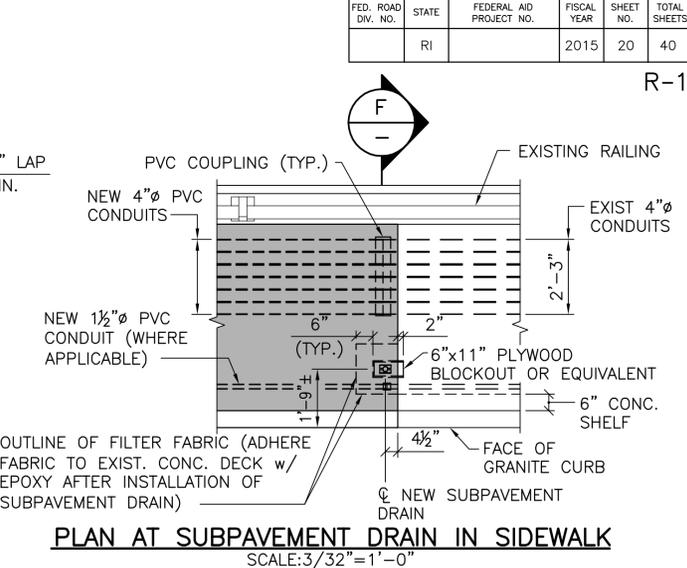
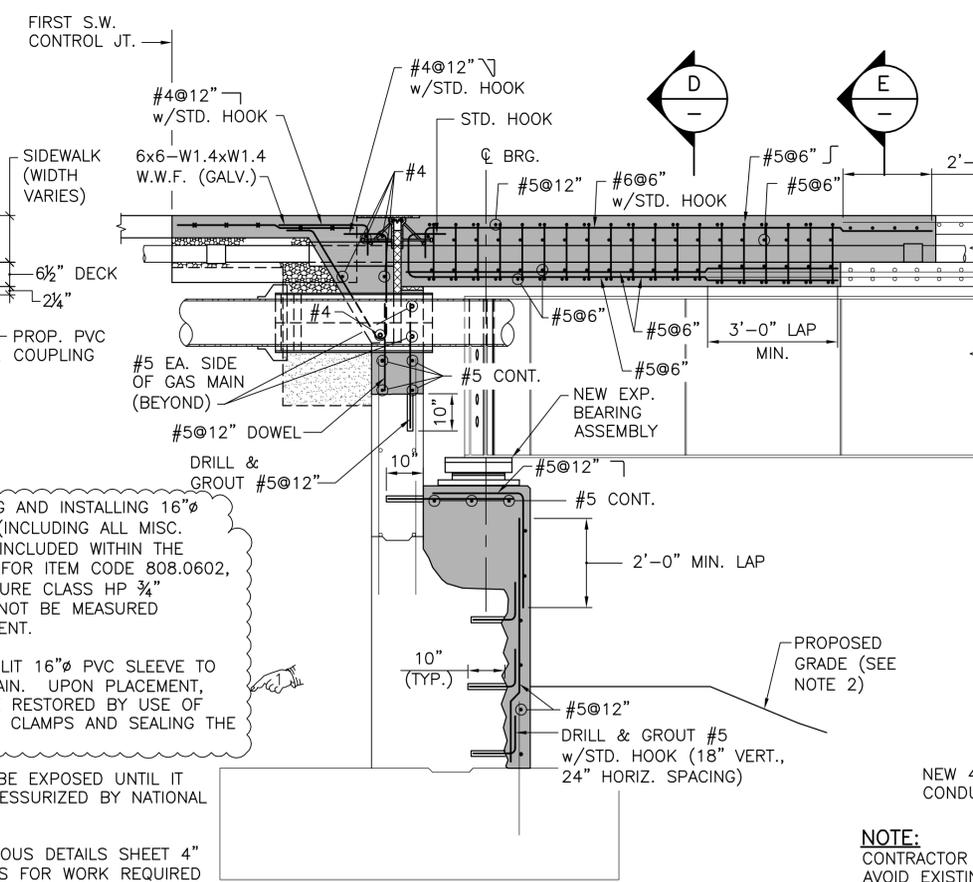
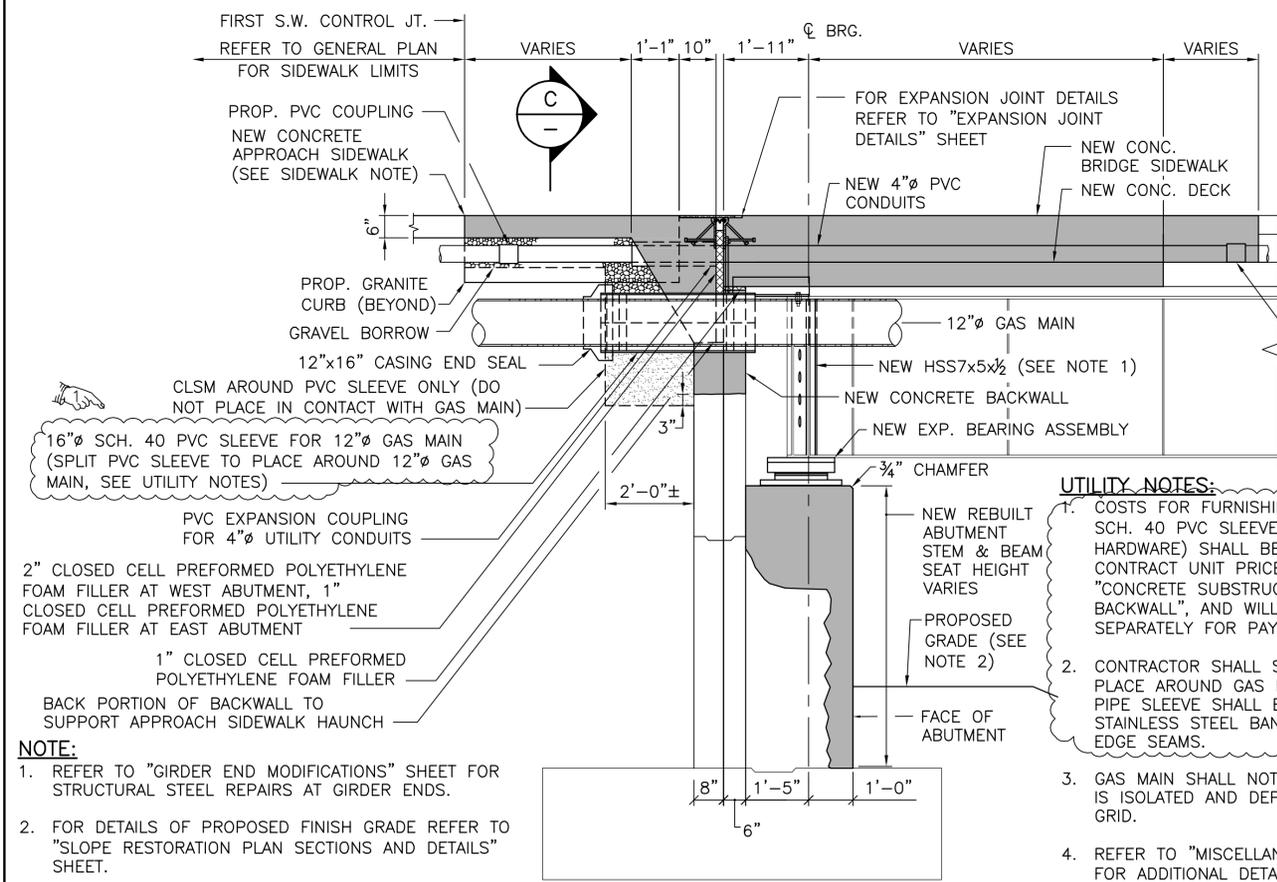
LEGEND



DENOTES AREAS TO BE REMOVED AND DISPOSED

REVISIONS			RHODE ISLAND DEPARTMENT OF TRANSPORTATION	
NO.	DATE	BY		
1	7/09/15	KK	REPAIRS TO HAMLET AVENUE BRIDGE No. 500	
			WOONSOCKET, RHODE ISLAND	
			DEMOLITION SECTIONS SHEET 2	
			CHECKED BY _____	DATE _____ SCALE AS SHOWN

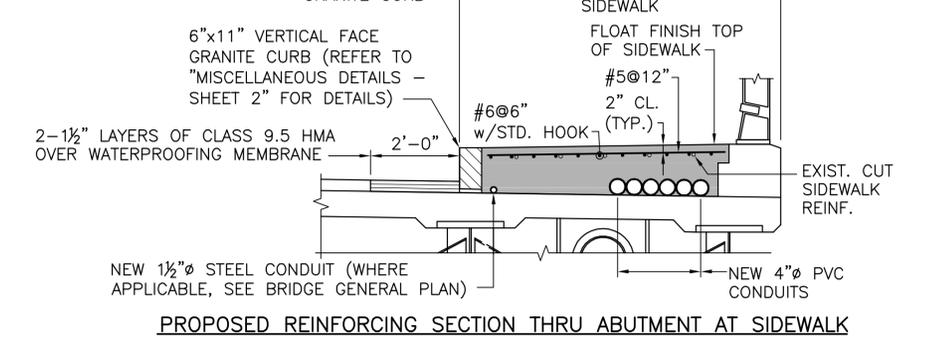
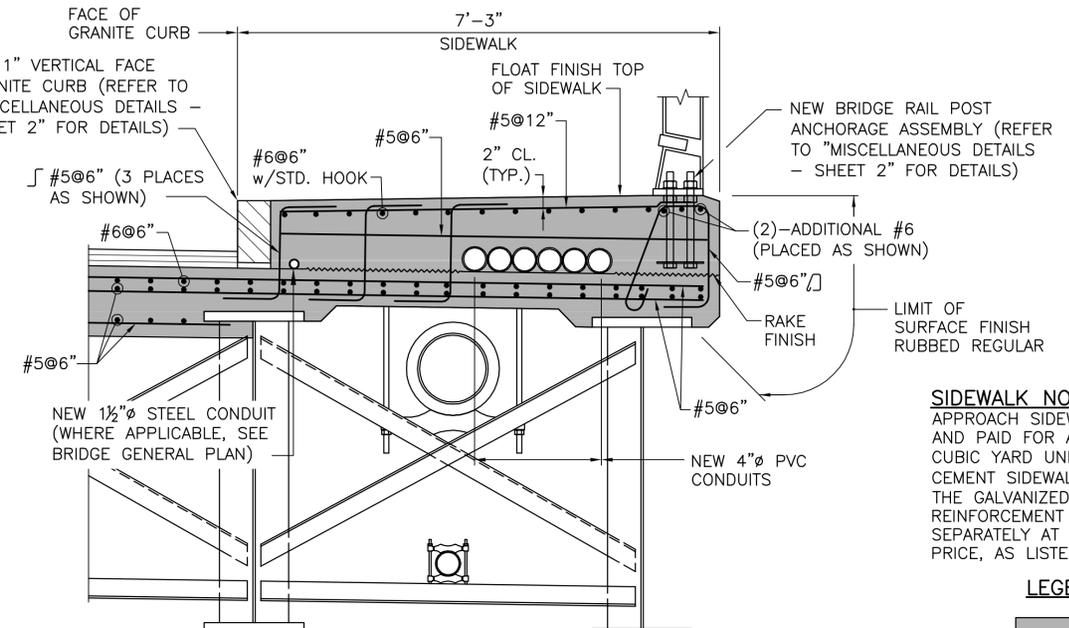
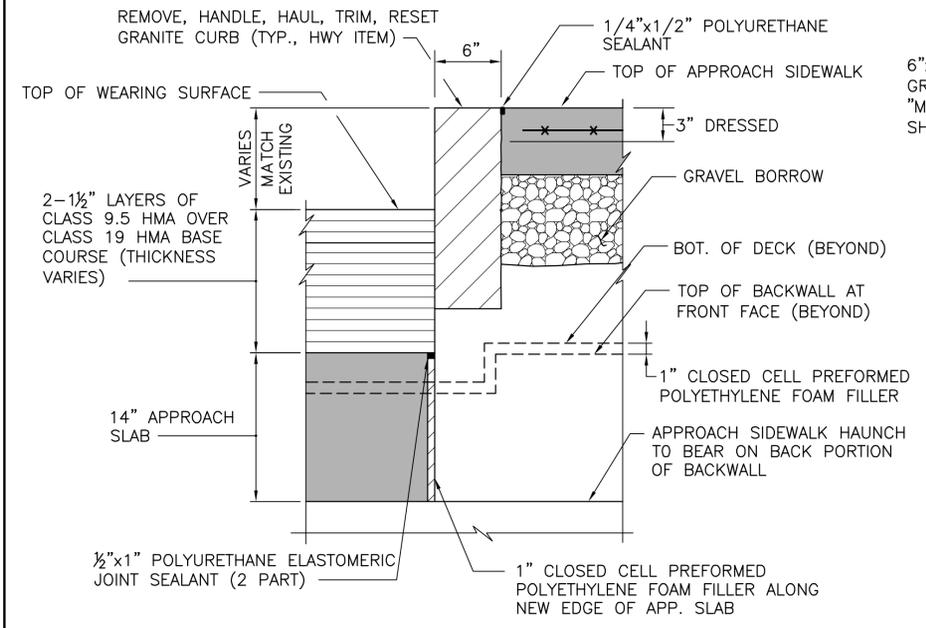




- NOTE:**
- REFER TO "GIRDER END MODIFICATIONS" SHEET FOR STRUCTURAL STEEL REPAIRS AT GIRDER ENDS.
 - FOR DETAILS OF PROPOSED FINISH GRADE REFER TO "SLOPE RESTORATION PLAN SECTIONS AND DETAILS" SHEET.
 - REQUIRED TEMPORARY GIRDER END SHORING NOT SHOWN FOR CLARITY. REFER TO "TEMPORARY GIRDER END SHORING DETAILS" SHEET.
 - ALL REPAIRS SHOWN INCLUDING GIRDER END MODIFICATIONS AND THE WELDING OF THE NEW BEARING TO THE GIRDER FLANGE SHALL BE COMPLETED PRIOR TO RELEASE AND REMOVAL OF THE TEMPORARY GIRDER END SHORING.

- UTILITY NOTES:**
- COSTS FOR FURNISHING AND INSTALLING 16" SCH. 40 PVC SLEEVE (INCLUDING ALL MISC. HARDWARE) SHALL BE INCLUDED WITHIN THE CONTRACT UNIT PRICE FOR ITEM CODE 808.0602, "CONCRETE SUBSTRUCTURE CLASS HP 3/4" BACKWALL", AND WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.
 - CONTRACTOR SHALL SPLIT 16" SCH. 40 PVC SLEEVE TO PLACE AROUND GAS MAIN. UPON PLACEMENT, PIPE SLEEVE SHALL BE RESTORED BY USE OF STAINLESS STEEL BAND CLAMPS AND SEALING THE EDGE SEAMS.
 - GAS MAIN SHALL NOT BE EXPOSED UNTIL IT IS ISOLATED AND DEPRESSURIZED BY NATIONAL GRID.
 - REFER TO "MISCELLANEOUS DETAILS SHEET 4" FOR ADDITIONAL DETAILS FOR WORK REQUIRED AT 12" GAS MAIN THROUGH ABUTMENT.

NOTE: SECTION (B, B) ARE DIMENSIONED SQUARE TO THE FACE OF THE ABUTMENT.



SIDEWALK NOTE:
APPROACH SIDEWALK CONCRETE WILL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD UNDER ITEM CODE 905.0110 "PORTLAND CEMENT SIDEWALK MONOLITHIC STANDARD 43.1.0". THE GALVANIZED WELDED WIRE FABRIC AND REINFORCEMENT WILL BE MEASURED AND PAID FOR SEPARATELY AT THEIR RESPECTIVE CONTRACT UNIT PRICE, AS LISTED IN THE PROPOSAL.

LEGEND
DENOTES AREAS OF NEW CONCRETE COMPONENTS

REVISIONS		
NO.	DATE	BY
1	7/09/15	KK

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

REPAIRS TO
HAMLET AVENUE BRIDGE No. 500

WOONSOCKET, RHODE ISLAND

ABUTMENT AND DECK
SECTIONS - SHEET 2

CHECKED BY _____ DATE _____ SCALE AS SHOWN

Table of Contents - Distribution of Quantities

Project Name - Repairs to Hamlet Ave Bridge No. 500
 Estimate Name - Addendum to DBP C10 Repairs to Hamlet Ave Bridge No. 500
 R.I. Contract No. - 2015-CB-032
 FAP Nos: BHO-0500(002)

ItemCode	Description	Page
201.0401	REMOVE AND DISPOSE GRANITE CURB	1
201.0402	REMOVE AND DISPOSE CONCRETE CURB	1
201.0403	REMOVE AND DISPOSE SIDEWALKS	1
201.0409	REMOVE AND DISPOSE FLEXIBLE PAVEMENT	1
201.0415	REMOVE AND DISPOSE GUARDRAIL AND POST ALL TYPES	2
201.0428	REMOVE AND DISPOSE FRAME AND GRATE OR FRAME AND COVER	2
201.0610	REMOVE AND DISPOSE DIRECTIONAL, WARNING, REGULATORY, SERVICE, AND STREET SIGNS	2
201.0617	REMOVE AND DISPOSE CONDUIT - ALL SIZES	3
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202.0100	EARTH EXCAVATION	3
202.0300	UNCLASSIFIED EXCAVATION	4
202.0700	COMMON BORROW	4
203.0100	STRUCTURAL EXCAVATION EARTH	4
203.0400	STRUCTURAL EXCAVATION UNCLASSIFIED	5
203.0650	CRUSHED STONE FILL UNDER STRUCTURES	5
203.9901	BACKFILL ABUTMENTS	5
204.0100	TRIMMING AND FINE GRADING	5
206.0312	COMPOST FILTER SOCK 12 INCH DIAMETER	6
212.2000	CLEANING AND MAINTENANCE OF EROSION CONTROLS	6
302.0100	GRAVEL BORROW SUBBASE COURSE	6
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401.3000	CLASS 9.5 HMA	7
403.0300	ASPHALT EMULSION TACK COAT	8
601.0200	CLASS XX PORTLAND CEMENT CONCRETE	8
603.1000	CONTROLLED LOW STRENGTH MATERIAL	8
702.0517	FRAME AND GRATE, STANDARD 6.3.2	8
704.0100	RECONSTRUCT CATCH BASIN/CORBEL CONES	9
704.0300	RECONSTRUCT CATCH BASIN/VERTICAL WALLS	9
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708.9040	CLEANING AND FLUSHING PIPE ALL SIZES	9
708.9041	CLEANING CATCH BASINS ALL TYPES AND SIZES	9
803.0500	TEMPORARY DECK UNDERSIDE AND SIDE PROTECTIVE SHIELDING	10
803.9910	REMOVE & DISPOSE PORTION OF EXISTING CONCRETE SUBSTRUCTURE	10
803.9920	REMOVE & DISPOSE PORTION OF EXISTING CONCRETE SUPERSTRUCTURE	10
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803.9935	REMOVE AND DISPOSE EXISTING STEEL CROSS FRAMES AT WEST PIER	11
803.9940	REMOVE & DISPOSE EXISTING GIRDER END SHORING	11
803.9950	CLEANING BRIDGE BEAM SEATS - BRIDGE NO. 500	11
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808.1640	PREFORMED POLYETHYLENE FOAM JOINT FILLER 1/2''	12
808.1642	PREFORMED POLYETHYLENE FOAM JOINT FILLER 1''	13
808.1646	PREFORMED POLYETHYLENE FOAM JOINT FILLER 2''	13
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Distribution of Quantities

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
001	201.0401	REMOVE AND DISPOSE GRANITE CURB	LF			
		HAMLET AVENUE				
		DAMAGED CURB AS DIRECTED BY		10.00	0014	01
		THE ENGINEER				
Item 201.0401 Total:				10.00		
002	201.0402	REMOVE AND DISPOSE CONCRETE CURB	LF			
		HAMLET AVENUE				
		CENTER ISLAND PHASE 1		100.00	0014	01
		ISLAND AT CUMBERLAND HILL		70.00	0014	01
		ROAD PHASE 1				
Item 201.0402 Total:				170.00		
003	201.0403	REMOVE AND DISPOSE SIDEWALKS	SY			
		HAMLET AVENUE				
		CENTER ISLAND PHASE 1		15.00	0014	01
		NE BRIDGE APPROACH PHASE 2		45.00	0014	01
		NW BRIDGE APPROACH PHASE 2		20.00	0014	01
		SE BRIDGE APPROACH PHASE 1		18.00	0014	01
		SIDEWALK REPAIR AT SIGNAL		9.00	0014	01
		CONTROLLER CABINET AT				
		CUMBERLAND HILL ROAD				
		SW BRIDGE APPROACH PHASE 1		24.00	0014	01
		TRAFFIC ISLAND REMOVAL AT		72.00	0014	01
		CUMBERLAND HILL ROAD PHASE 1				
Item 201.0403 Total:				203.00		
004	201.0409	REMOVE AND DISPOSE FLEXIBLE PAVEMENT	SY			
		HAMLET AVENUE				
		BRIDGE NO. 500 (EAST		35.00	0014	01
		APPROACH)				
		BRIDGE NO. 500 (WEST		30.00	0014	01

Distribution of Quantities

Project Name - Repairs to Hamlet Ave Bridge No. 500
 Estimate Name - Addendum to DBP C10 Repairs to Hamlet Ave Bridge No. 500
 R.I. Contract No. - 2015-CB-032
 FAP Nos: BHO-0500(002)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
004	201.0409 Cont.	APPROACH)				
		CENTER ISLAND ALONG CURB		12.00	0014	01
		REMOVAL FOR PHASE 1				
		CONSTRUCTION				

Distribution of Quantities

Project Name - Repairs to Hamlet Ave Bridge No. 500
 Estimate Name - Addendum to DBP C10 Repairs to Hamlet Ave Bridge No. 500
 R.I. Contract No. - 2015-CB-032
 FAP Nos: BHO-0500(002)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
004	201.0409	Cont.		32.00	0014	01
		CENTER ISLAND TEMPORARY PAVEMENT REMOVAL TO REINSTALL ISLAND PHASE 2 ISLAND AT CUMBERLAND HILL		8.00	0014	01
		ROAD ALONG CURB REMOVAL FOR PHASE 1 CONSTRUCTION ISLAND AT CUMBERLAND HILL		48.00	0014	01
		ROAD TEMPORARY PAVEMENT REMOVAL TO RESTORE ISLAND PHASE 2				
Item 201.0409 Total:				165.00		
S005	201.0415	REMOVE AND DISPOSE GUARDRAIL AND POST ALL TYPES HAMLET AVENUE	LF			
		AT CUMBERLAND STREET		130.00	0014	01
		AT DAVISON AVENUE		70.00	0014	01
		AT FLORENCE STREET		75.00	0014	01
Item 201.0415 Total:				275.00		
006	201.0428	REMOVE AND DISPOSE FRAME AND GRATE OR FRAME AND COVER HAMLET AVENUE	EACH			
		NORTH SIDE		2.00	0014	01
		SOUTH SIDE		2.00	0014	01
Item 201.0428 Total:				4.00		
S007	201.0610	REMOVE AND DISPOSE DIRECTIONAL, WARNING, REGULATORY, SERVICE, AND STREET SIGNS HAMLET AVENUE	EACH			
		END SCHOOL ZONE / NO PARKING SIGN		1.00	0014	01

Distribution of Quantities

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 Estimate Name - Addendum to DBP C10 Repairs to Hamlet Ave Bridge No. 500
 R.I. Contract No. - 2015-CB-032
 FAP Nos: BHO-0500(002)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S007	201.0610	Cont.				
		RIGHT LANE MUST TURN RIGHT		1.00	0014	01
		ROUTE ASSEMBLE NW BRIDGE		1.00	0014	01
		APPROACH SIDEWALK				
		ROUTE ASSEMBLY TRAFFIC		1.00	0014	01
		ISLAND AT CUMBERLAND HILL				
		ROAD				
		SCHOOL AHEAD SIGN		1.00	0014	01
		YIELD SIGN		1.00	0014	01
Item 201.0610 Total:				6.00		
008	201.0617	REMOVE AND DISPOSE CONDUIT - ALL SIZES	LF			
		BRIDGE NO. 500				
		EAST ABUTMENT		25.00	0014	01
		SOUTH SIDEWALK		330.00	0014	01
		WEST ABUTMENT		25.00	0014	01
		WEST PIER		10.00	0014	01
Item 201.0617 Total:				390.00		
009	201.9901	REMOVE AND DISPOSE PRECAST HANDHOLE AND INSTALL TEMPORARY TRAFFIC PLATE	EACH			
		HAMLET AVENUE				
		PARTIAL REMOVAL OF TRAFFIC ISLAND AT CUMBERLAND HILL ROAD FOR PHASE 1 CONSTRUCTION		2.00	0014	01
Item 201.9901 Total:				2.00		
010	202.0100	EARTH EXCAVATION	CY			
		HAMLET AVENUE				
		CENTER ISLAND REMOVAL FOR PHASE 1 CONSTRUCTION		11.00	0014	01
		CENTER ISLAND RESTORATION		11.00	0014	01

Distribution of Quantities

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 R.I. Contract No. - 2015-CB-032
 FAP Nos: BHO-0500(002)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
010	202.0100	Cont.		16.00	0014	01
		PARTIAL REMOVAL OF TRAFFIC ISLAND AT CUMBERLAND HILL ROAD FOR PHASE 1 CONSTRUCTION				
		SIDEWALK AT NORTHEAST BRIDGE APPROACH		10.00	0014	01
		SIDEWALK AT NORTHWEST BRIDGE APPROACH		5.00	0014	01
		SIDEWALK AT SOUTHEAST BRIDGE APPROACH		4.00	0014	01
		SIDEWALK AT SOUTHWEST BRIDGE APPROACH		6.00	0014	01
		SIDEWALK REPAIR AT SIGNAL CONTROLLER CABINET		3.00	0014	01
		TRAFFIC ISLAND RESTORARION AT CUMBERLAND HILL ROAD		24.00	0014	01
Item 202.0100 Total:				90.00		
011	202.0300	UNCLASSIFIED EXCAVATION	CY			
		BRIDGE NO. 500				
		SLOPE RESTORATION (EAST EMBANKMENT)		50.00	0014	01
Item 202.0300 Total:				50.00		
012	202.0700	COMMON BORROW	CY			
		BRIDGE NO. 500				
		EAST ABUTMENT		25.00	0014	01
		SLOPE RESTORATION (EAST EMBANKMENT)		200.00	0014	01
		WEST ABUTMENT		55.00	0014	01
Item 202.0700 Total:				280.00		
013	203.0100	STRUCTURAL EXCAVATION EARTH	CY			
		BRIDGE NO. 500				

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 R.I. Contract No. - 2015-CB-032
 FAP Nos: BHO-0500(002)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
013	203.0100	Cont.				
		BEHIND BACKWALLS @ APPROACH		15.00	0014	01
		SLABS				
		BEHIND BACKWALLS @ SIDEWALKS		25.00	0014	01
Item 203.0100 Total:				40.00		
014	203.0400	STRUCTURAL EXCAVATION UNCLASSIFIED	CY			
		BRIDGE NO. 500				
		FACE OF EAST ABUTMENT		2.00	0014	01
		FACE OF WEST ABUTMENT		6.00	0014	01
Item 203.0400 Total:				8.00		
015	203.0650	CRUSHED STONE FILL UNDER STRUCTURES	CY			
		BRIDGE NO. 500				
		EAST ABUTMENT @ APPROACH SLAB		6.00	0014	01
		WEST ABUTMENT @ APPROACH SLAB		6.00	0014	01
Item 203.0650 Total:				12.00		
016	203.9901	BACKFILL ABUTMENTS	CY			
		BRIDGE NO. 500				
		FACE OF EAST ABUTMENT		15.00	0014	01
		FACE OF WEST ABUTMENT		30.00	0014	01
Item 203.9901 Total:				45.00		
017	204.0100	TRIMMING AND FINE GRADING	SY			
		BRIDGE NO. 500				
		SLOPE RESTORATION (EAST EMBANKMENT)		300.00	0014	01
		SLOPE RESTORATION (WEST EMBANKMENT)		400.00	0014	01
		HAMLET AVENUE				
		CENTER ISLAND REMOVAL FOR PHASE 1 CONSTRUCTION		32.00	0014	01
		CENTER ISLAND RESTORATION		32.00	0014	01

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 FAP Nos: BHO-0500(002)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
017	204.0100	Cont.		95.00	0014	01
		PARTIAL REMOVAL OF TRAFFIC ISLAND AT CUMBERLAND HILL ROAD FOR PHASE 1 CONSTRUCTION				
		SIDEWALK AT NORTHEAST BRIDGE APPROACH		45.00	0014	01
		SIDEWALK AT NORTHWEST BRIDGE APPROACH		20.00	0014	01
		SIDEWALK AT SOUTHEAST BRIDGE APPROACH		18.00	0014	01
		SIDEWALK AT SOUTHWEST BRIDGE APPROACH		24.00	0014	01
		SIDEWALK REPAIR AT SIGNAL CONTROLLER CABINET		9.00	0014	01
		TRAFFIC ISLAND RESTORATION AT CUMBERLAND HILL ROAD		72.00	0014	01
Item 204.0100 Total:				1,047.00		
018	206.0312	COMPOST FILTER SOCK 12 INCH DIAMETER	LF			
		HAMLET AVENUE BRIDGE				
		EAST ABUTMENT		335.00	0014	01
		WEST ABUTMENT		400.00	0014	01
Item 206.0312 Total:				735.00		
019	212.2000	CLEANING AND MAINTENANCE OF EROSION CONTROLS	LS			
		HAMLET AVENUE BRIDGE				
		PER SPECIFICATIONS		1.00	0014	01
Item 212.2000 Total:				1.00		
020	302.0100	GRAVEL BORROW SUBBASE COURSE	CY			
		HAMLET AVENUE				
		CENTER ISLAND REMOVAL FOR		7.00	0014	01

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 FAP Nos: BHO-0500(002)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
020	302.0100	Cont.				
		PHASE 1 CONSTRUCTION				
		CENTER ISLAND RESTORATION		7.00	0014	01
		PARTIAL REMOVAL OF TRAFFIC ISLAND AT CUMBERLAND HILL ROAD FOR PHASE 1 CONSTRUCTION		11.00	0014	01
		SIDEWALK AT NORTHEAST BRIDGE APPROACH		10.00	0014	01
		SIDEWALK AT NORTHWEST BRIDGE APPROACH		5.00	0014	01
		SIDEWALK AT SOUTHEAST BRIDGE APPROACH		4.00	0014	01
		SIDEWALK AT SOUTHWEST BRIDGE APPROACH		6.00	0014	01
		SIDEWALK REPAIR AT SIGNAL CONTROLLER CABINET		2.00	0014	01
		TRAFFIC ISLAND RESTORATION AT CUMBERLAND HILL ROAD		16.00	0014	01
Item 302.0100 Total:				68.00		
021	401.1000	CLASS 19.0 HMA	TON			
		HAMLET AVENUE				
		BRIDGE NO. 500		25.00	0014	01
Item 401.1000 Total:				25.00		
022	401.3000	CLASS 9.5 HMA	TON			
		HAMLET AVENUE				
		BRIDGE NO. 500		38.00	0014	01
		FINAL PAVEMENT ALONG NEW OR RESET CURB		3.00	0014	01
		RESTORING MICRO MILLED PAVEMENT		35.00	0014	01
		TEMPORARY PAVEMENT AT CENTER ISLAND REMOVAL PHASE 1		5.00	0014	01

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
022	401.3000	Cont.		7.00	0014	01
		TEMPORARY PAVEMENT AT				
		PARTIAL REMOVAL OF TRAFFIC				
		ISLAND AT CUMBERLAND HILL				
		ROAD PHASE 1				
Item 401.3000 Total:				88.00		
023	403.0300	ASPHALT EMULSION TACK COAT	SY			
		HAMLET AVENUE				
		BRIDGE NO. 500		315.00	0014	01
		FINAL PAVEMENT ALONG NEW OR		25.00	0014	01
		RESET CURB				
		RESTORING MICRO MILLED		272.00	0014	01
		PAVEMENT				
Item 403.0300 Total:				612.00		
024	601.0200	CLASS XX PORTLAND CEMENT CONCRETE	CY			
		HAMLET AVENUE				
		FINAL PAVEMENT CURB LOCK		6.00	0014	01
		ALONG NEW OR RESET CURB				
		RECONSTRUCT CATCH BASINS		4.00	0014	01
Item 601.0200 Total:				10.00		
025	603.1000	CONTROLLED LOW STRENGTH MATERIAL	CY			
		BRIDGE NO. 500				
		APPROACH SIDEWALKS		5.00	0014	01
Item 603.1000 Total:				5.00		
026	702.0517	FRAME AND GRATE, STANDARD 6.3.2	EACH			
		HAMLET AVENUE				
		NORTH SIDE		2.00	0014	01
		SOUTH SIDE		2.00	0014	01
Item 702.0517 Total:				4.00		

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 FAP Nos: BHO-0500(002)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
027	704.0100	RECONSTRUCT CATCH BASIN/CORBEL	EACH			
		CONES				
		HAMLET AVENUE				
		NORTH SIDE		2.00	0014	01
		SOUTH SIDE		2.00	0014	01
Item 704.0100 Total:				4.00		
028	704.0300	RECONSTRUCT CATCH BASIN/VERTICAL	VLF			
		WALLS				
		HAMLET AVENUE				
		RECONSTRUCTION LIMITS AS		8.00	0014	01
		DIRECTED BY THE ENGINEER				
Item 704.0300 Total:				8.00		
029	704.9901	RECONSTRUCT EXISTING CATCH BASIN	EACH			
		FOR PHASED CONSTRUCTION				
		HAMLET AVENUE MEDIAN ISLAND AT				
		CUMBERLAND STREET				
		PRIOR TO PHASE 1 CONSTRUCTION		1.00	0014	01
		UPON COMPLETION OF PHASE 2		1.00	0014	01
		WORK				
Item 704.9901 Total:				2.00		
030	708.9040	CLEANING AND FLUSHING PIPE ALL	LF			
		SIZES				
		HAMLET AVENUE				
		EAST END OF THE BRIDGE AS		210.00	0014	01
		SHOWN				
		WEST END OF THE BRIDGE AS		80.00	0014	01
		SHOWN				
Item 708.9040 Total:				290.00		
031	708.9041	CLEANING CATCH BASINS ALL TYPES	EACH			

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 FAP Nos: BHO-0500(002)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
031	708.9041	Cont. AND SIZES				
		HAMLET AVENUE				
		CENTER ISLAND		1.00	0014	01
		NORTH SIDE		2.00	0014	01
		SOUTH SIDE		2.00	0014	01
Item 708.9041 Total:				5.00		
032	803.0500	TEMPORARY DECK UNDERSIDE AND SIDE	SF			
		PROTECTIVE SHIELDING				
		BRIDGE NO. 500				
		SHIELDING OVER GAS MAIN		160.00	0014	01
Item 803.0500 Total:				160.00		
033	803.9910	REMOVE & DISPOSE PORTION OF	CY			
		EXISTING CONCRETE SUBSTRUCTURE				
		BRIDGE NO. 500				
		ABUTMENT BACKWALLS		15.00	0014	01
		ABUTMENT FACES/BEAM		35.00	0014	01
		SEATS/PEDESTALS				
		APPROACH SLABS		12.00	0014	01
		WEST PIER PEDESTALS		3.00	0014	01
Item 803.9910 Total:				65.00		
034	803.9920	REMOVE & DISPOSE PORTION OF	CY			
		EXISTING CONCRETE SUPERSTRUCTURE				
		BRIDGE NO. 500				
		BRIDGE DECK @ ABUTMENTS		25.00	0014	01
		BRIDGE SIDEWALKS		6.00	0014	01
		SIDEWALK REPAIR AREAS		8.00	0014	01
Item 803.9920 Total:				39.00		
035	803.9925	REMOVE AND DISPOSE EXISTING PIN	EACH			
		TYPE BEARING ASSEMBLY AT GIRDER END				

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
035	803.9925	Cont. BRIDGE NO. 500				
		EAST ABUTMENT		12.00	0014	01
		WEST ABUTMENT		12.00	0014	01
Item 803.9925 Total:				24.00		
036	803.9930	REMOVE AND DISPOSE EXISTING STEEL ROCKER BEARING ASSEMBLY BRIDGE NO. 500	EACH			
		WEST PIER		12.00	0014	01
Item 803.9930 Total:				12.00		
037	803.9935	REMOVE AND DISPOSE EXISTING STEEL CROSS FRAMES AT WEST PIER BRIDGE NO. 500	EACH			
		WEST PIER		11.00	0014	01
Item 803.9935 Total:				11.00		
038	803.9940	REMOVE & DISPOSE EXISTING GIRDER END SHORING BRIDGE NO. 500	EACH			
		EAST ABUTMENT		9.00	0014	01
		WEST ABUTMENT		7.00	0014	01
Item 803.9940 Total:				16.00		
039	803.9950	CLEANING BRIDGE BEAM SEATS - BRIDGE NO. 500 BRIDGE NO. 500	LS			
		WEST ABUTMENT/WEST PIER/EAST ABUTMENT		1.00	0014	01
Item 803.9950 Total:				1.00		
040	808.0508	CONCRETE SUBSTRUCTURE CLASS XX 3/4'' APPROACH SLABS	CY			

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
040	808.0508 Cont.	BRIDGE NO. 500				
		@ EAST ABUTMENT		8.00	0014	01
		@ WEST ABUTMENT		8.00	0014	01
Item 808.0508 Total:				16.00		
041	808.0602	CONCRETE SUBSTRUCTURE CLASS HP	CY			
		3/4'' BACKWALLS				
		BRIDGE NO. 500				
		@ EAST ABUTMENT		5.00	0014	01
		@ WEST ABUTMENT		5.00	0014	01
Item 808.0602 Total:				10.00		
042	808.1501	CONCRETE SUPERSTRUCTURE CLASS HP	CY			
		3/4'' BRIDGE DECKS				
		BRIDGE NO. 500				
		@ EAST END		25.00	0014	01
		@ WEST END		25.00	0014	01
Item 808.1501 Total:				50.00		
043	808.1502	CONCRETE SUPERSTRUCTURE CLASS HP	CY			
		3/4'' BRIDGE SIDEWALKS				
		BRIDGE NO. 500				
		NORTHEAST SIDEWALK		12.00	0014	01
		NORTHWEST SIDEWALK		12.00	0014	01
		SIDEWALK REPAIR AREAS		8.00	0014	01
		SOUTHEAST SIDEWALK		6.00	0014	01
		SOUTHWEST SIDEWALK		6.00	0014	01
Item 808.1502 Total:				44.00		
044	808.1640	PREFORMED POLYETHYLENE FOAM JOINT	SF			
		FILLER 1/2''				
		BRIDGE NO. 500				
		BETWEEN DECK AND ENDPOSTS		5.00	0014	01

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
044	808.1640	Cont.				
		Item 808.1640 Total:		5.00		
045	808.1642	PREFORMED POLYETHYLENE FOAM JOINT	SF			
		FILLER 1''				
		BRIDGE NO. 500				
		APPROACH SLAB		20.00	0014	01
		EXPANSION JOINT @ EAST		110.00	0014	01
		ABUTMENT				
		TOP OF BACKWALLS		75.00	0014	01
		Item 808.1642 Total:		205.00		
046	808.1646	PREFORMED POLYETHYLENE FOAM JOINT	SF			
		FILLER 2''				
		BRIDGE NO. 500				
		EXPANSION JOINT @ WEST		110.00	0014	01
		ABUTMENT				
		Item 808.1646 Total:		110.00		
047	808.1650	MASTIC JOINT SEALER (1'' X 1'')	LF			
		BRIDGE NO. 500				
		NORTH SIDEWALK CURBING		70.00	0014	01
		SOUTH SIDEWALK CURBING		35.00	0014	01
		Item 808.1650 Total:		105.00		
048	808.1670	POLYURETHANE JOINT SEALANT	CI			
		BRIDGE NO. 500				
		SIDEWALK JOINTS		200.00	0014	01
		Item 808.1670 Total:		200.00		
049	808.1675	POLYURETHANE ELASTOMERIC JOINT	CI			
		SEALANT				
		BRIDGE NO. 500				
		BETWEEN DECK AND BACKWALL		820.00	0014	01

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
049	808.1675	Cont.				
		PHASE LINE - APPROACH SLABS		30.00	0014	01
		PHASE LINE - BACKWALLS		15.00	0014	01
		PHASE LINE - DECK		35.00	0014	01
Item 808.1675 Total:				900.00		
050	808.1810	CONCRETE SURFACE FINISHING RUBBED REGULAR	SF			
		BRIDGE NO. 500				
		BRIDGE DECK FASCIA		100.00	0014	01
		EAST ABUTMENT STEM		480.00	0014	01
		WEST ABUTMENT STEM		350.00	0014	01
		WEST PIER PEDESTALS		200.00	0014	01
Item 808.1810 Total:				1,130.00		
051	808.1830	CONCRETE SURFACE FINISHING SPECIAL FLOAT FINISH	SF			
		BRIDGE NO. 500				
		NORTHEAST SIDEWALK		210.00	0014	01
		NORTHWEST SIDEWALK		205.00	0014	01
		SIDEWALK REPAIR AREAS		520.00	0014	01
		SOUTHEAST SIDEWALK		100.00	0014	01
		SOUTHWEST SIDEWALK		105.00	0014	01
Item 808.1830 Total:				1,140.00		
052	808.9901	CONCRETE SUBSTRUCTURE CLASS HP 3/4" PIER PEDESTALS	CY			
		BRIDGE NO. 500				
		WEST PIER		5.00	0014	01
Item 808.9901 Total:				5.00		
053	808.9902	CONCRETE SUBSTRUCTURE CLASS SCC HP 1/2" ABUT STEMS	CY			
		BRIDGE NO. 500				

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
053	808.9902 Cont.	EAST ABUTMENT		20.00	0014	01
		WEST ABUTMENT		20.00	0014	01
Item 808.9902 Total:				40.00		
054	810.0210	GALVANIZED BAR REINFORCEMENT GRADE	LBS			
		60				
		BRIDGE NO. 500				
		BRIDGE NO. 500		34,000.00	0014	01
Item 810.0210 Total:				34,000.00		
055	810.0702	WELDED WIRE FABRIC (GALVANIZED)	SF			
		BRIDGE NO. 500				
		APPROACH SIDEWALKS		130.00	0014	01
Item 810.0702 Total:				130.00		
056	810.9910	GALVANIZED MECHANICAL BAR SPLICERS	EACH			
		BRIDGE NO. 500				
		BRIDGE DECK		120.00	0014	01
Item 810.9910 Total:				120.00		
057	811.0200	SUB PAVEMENT DRAINS	EACH			
		BRIDGE NO. 500				
		WEST ABUTMENT (ROADWAY)		2.00	0014	01
		WEST ABUTMENT (SIDEWALK)		2.00	0014	01
Item 811.0200 Total:				4.00		
S058	813.9910	PREFABRICATED WATERPROOFING SHEET	SY			
		MEMBRANE				
		BRIDGE NO. 500				
		@ EAST END		65.00	0014	01
		@ WEST END		65.00	0014	01
Item 813.9910 Total:				130.00		

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
059	817.2200	POLYMER MODIFIED CONCRETE	SF			
		BRIDGE NO. 500				
		BRIDGE SIDEWALK REPAIR			0014	01
Item 817.2200 Total:					**DELETED**	
060	819.0800	DRILL AND GROUT REINFORCING DOWELS	EACH			
		BRIDGE NO. 500				
		ABUTMENTS		510.00	0014	01
		WEST PIER PEDESTALS		48.00	0014	01
Item 819.0800 Total:				558.00		
061	819.9901	CORE DRILL AND GROUT REINFORCEMENT	EACH			
		BRIDGE NO. 500				
		@ EAST ABUTMENT BEARINGS		48.00	0014	01
		@ WEST ABUTMENT BEARINGS		48.00	0014	01
Item 819.9901 Total:				96.00		
062	820.0110	CONCRETE SURFACE TREATMENT	SF			
		(PROTECTIVE COATING)				
		BRIDGE NO. 500				
		ABUTMENT BACKWALLS		550.00	0014	01
		ABUTMENT BEAMSEATS		400.00	0014	01
		WEST PIER PEDESTALS/TOP OF PIER		400.00	0014	01
Item 820.0110 Total:				1,350.00		
063	822.1695	SILICONE HIGHWAY JOINT SEALER	LF			
		BRIDGE NO. 500				
		SIDEWALK EXPANSION JOINTS - EAST ABUTMENT		18.00	0014	01
		SIDEWALK EXPANSION JOINTS - WEST ABUTMENT		18.00	0014	01
Item 822.1695 Total:				36.00		

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
064	823.1760	STRIP SEAL EXPANSION JOINT	LF			
		ASSEMBLIES				
		BRIDGE NO. 500				
		@ EAST ABUTMENT		71.00	0014	01
		@ WEST ABUTMENT		69.00	0014	01
Item 823.1760 Total:				140.00		
065	824.9901	AASHTO M270 GRADE 50 STEEL,	LBS			
		FURNISH FABRICATE AND ERECT BUILT				
		UP DIAPHRAGMS AT WEST PIER				
		BRIDGE NO. 500				
		WEST PIER		18,750.00	0014	01
Item 824.9901 Total:				18,750.00		
066	824.9902	AASHTO M270 GRADE 50 STEEL,	LBS			
		FURNISH FABRICATE AND ERECT ROLLED				
		DIAPHRAGMS AT ABUTMENT				
		BRIDGE NO. 500				
		EAST ABUTMENT		2,350.00	0014	01
		WEST ABUTMENT		2,350.00	0014	01
Item 824.9902 Total:				4,700.00		
067	824.9903	AASHTO M270 GRADE 50 STEEL,	LBS			
		FURNISH, FABRICATE AND ERECT GAS				
		MAIN SUPPORT				
		BRIDGE NO. 500				
		WEST ABUTMENT		150.00	0014	01
Item 824.9903 Total:				150.00		
068	824.9910	GIRDER END MODIFICATION	EACH			
		BRIDGE NO. 500				
		EAST ABUTMENT		12.00	0014	01
		WEST ABUTMENT		12.00	0014	01

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
068	824.9910	Cont.		24.00		
		Item 824.9910 Total:		24.00		
069	824.9920	TEMPORARY SHORING FOR GIRDER ENDS AT ABUTMENTS	LS			
		BRIDGE NO. 500				
		ABUTMENTS		1.00	0014	01
		Item 824.9920 Total:		1.00		
070	824.9930	TEMPORARY JACKING FOR BRIDGE SUPERSTRUCTURE AT WEST PIER	LS			
		BRIDGE NO. 500				
		WEST PIER		1.00	0014	01
		Item 824.9930 Total:		1.00		
071	825.9911	REPAINTING EXISTING STRUCTURAL STEEL	LS			
		BRIDGE NO. 500				
		BRIDGE NO. 500		1.00	0014	01
		Item 825.9911 Total:		1.00		
S072	828.9910	MULTI-ROTATIONAL BEARING DISC BEARING	EACH			
		BRIDGE NO. 500				
		EAST ABUTMENT		12.00	0014	01
		WEST ABUTMENT		12.00	0014	01
		WEST PIER		12.00	0014	01
		Item 828.9910 Total:		36.00		
073	830.9910	ANCHORAGE ASSEMBLY FOR EXISTING BRIDGE RAIL POST	EACH			
		BRIDGE NO. 500				
		NORTHEAST SIDEWALK		1.00	0014	01
		NORTHWEST SIDEWALK		2.00	0014	01

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
073	830.9910	Cont.				
		SOUTHEAST SIDEWALK		2.00	0014	01
		SOUTHWEST SIDEWALK		1.00	0014	01
Item 830.9910 Total:				6.00		
074	832.9901	REMOVE CHASSE-RADIGAN BRIDGE	LS			
		BRONZE PLAQUE ON END POST AND				
		REINSTALL ABOVE NEW GUARDRAIL				
		HAMLET AVENUE BRIDGE				
		SOUTHEAST END POST		1.00	0014	01
Item 832.9901 Total:				1.00		
075	834.0121	VERTICAL FACE GRANITE CURB	LF			
		STRAIGHT 9'' REVEAL				
		BRIDGE NO. 500				
		NORTHEAST SIDEWALK		25.00	0014	01
		NORTHWEST SIDEWALK		34.00	0014	01
		SOUTHWEST SIDEWALK		18.00	0014	01
Item 834.0121 Total:				77.00		
076	834.0122	VERTICAL FACE GRANITE CURB CURVED	LF			
		9'' REVEAL				
		BRIDGE NO. 500				
		NORTHEAST SIDEWALK		12.00	0014	01
		SOUTHEAST SIDEWALK		14.00	0014	01
Item 834.0122 Total:				26.00		
077	839.0200	FULL DEPTH REMOVAL AND DISPOSAL OF	SY			
		BITUMINOUS PAVEMENT FROM CONCRETE				
		BRIDGE DECKS				
		BRIDGE NO. 500				
		@ EAST END		63.00	0014	01
		@ WEST END		62.00	0014	01
Item 839.0200 Total:				125.00		

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S078	901.0101	GUARDRAIL STEEL BEAM SINGLE FACE	LF			
		EARTH AND ASPHALT				
		HAMLET AVENUE				
		AT FLORENCE DRIVE		25.00	0014	01
Item 901.0101 Total:				25.00		
S079	901.0196	GUARDRAIL CONNECTION TO EXISTING	EACH			
		ENDPOST TRAILING END SECTION,				
		STANDARD 34.3.6				
		HAMLET AVENUE BRIDGE				
		NE END POST		1.00	0014	01
		SW END POST		1.00	0014	01
Item 901.0196 Total:				2.00		
S080	901.0197	GUARDRAIL CONNECTION TO EXISTING	EACH			
		ENDPOST APPROACH END SECTION,				
		STANDARD 34.3.5				
		HAMLET AVENUE BRIDGE				
		NW END POST		1.00	0014	01
		SE END POST		1.00	0014	01
Item 901.0197 Total:				2.00		
S081	901.0198	GUARDRAIL END TREATMENT,	EACH			
		NON-ENERGY ABSORBING TERMINAL				
		HAMLET AVENUE BRIDGE				
		AT CUMBERLAND STREET		2.00	0014	01
		AT DAVISON AVENUE		1.00	0014	01
		AT FLORENCE DRIVE		1.00	0014	01
Item 901.0198 Total:				4.00		
S082	903.9901	TEMPORARY CHAIN LINK FENCE 6'	LF			
		HEIGHT				
		HAMLET AVENUE BRIDGE				

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S082	903.9901 Cont.	NORTH SIDE		360.00	0014	01
		SOUTH SIDE		350.00	0014	01
Item 903.9901 Total:				710.00		
083	905.0110	PORTLAND CEMENT SIDEWALK	CY			
		MONOLITHIC STANDARD 43.1.0				
		HAMLET AVENUE				
		CENTER ISLAND RESTORATION		3.00	0014	01
		SIDEWALK AT NORTHEAST BRIDGE		8.00	0014	01
		APPROACH				
		SIDEWALK AT NORTHWEST BRIDGE		4.00	0014	01
		APPROACH				
		SIDEWALK AT SOUTHEAST BRIDGE		3.00	0014	01
		APPROACH				
		SIDEWALK AT SOUTHWEST BRIDGE		4.00	0014	01
		APPROACH				
		SIDEWALK REPAIR AT SIGNAL		1.00	0014	01
		CONTROLLER CABINET				
		TRAFFIC ISLAND RESTORATION		8.00	0014	01
		AT CUMBERLAND HILL ROAD				
Item 905.0110 Total:				31.00		
084	906.0110	GRANITE CURB, QUARRY SPLIT	LF			
		STRAIGHT, STANDARD 7.3.0				
		HAMLET AVENUE				
		REPLACE DAMAGED CURB AS		10.00	0014	01
		DIRECTED BY THE ENGINEER				
Item 906.0110 Total:				10.00		
085	906.0230	CEMENT CONCRETE SLOPE FACE CURB	LF			
		PRECAST STRAIGHT STANDARD 7.2.0				
		HAMLET AVENUE				
		CENTER ISLAND RESTORATION		84.00	0014	01

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
085	906.0230	Cont. TRAFFIC ISLAND RESTORATION AT CUMBERLAND HILL ROAD		40.00	0014	01
Item 906.0230 Total:				124.00		
086	906.0231	CEMENT CONCRETE SLOPE FACE CURB PRECAST CIRCULAR STANDARD 7.2.0 HAMLET AVENUE CENTER ISLAND RESTORATION TRAFFIC ISLAND RESTORATION AT CUMBERLAND HILL ROAD	LF			
				13.00	0014	01
				20.00	0014	01
Item 906.0231 Total:				33.00		
087	906.0271	PRECAST CONCRETE SLOPE FACE TRANSITION CURB STANDARD 7.2.1 HAMLET AVENUE TRAFFIC ISLAND RESTORATION CUMBERLAND HILL ROAD	EACH			
				3.00	0014	01
Item 906.0271 Total:				3.00		
088	906.0700	REMOVE, HANDLE, HAUL TRIM RESET CURB EDGING, STRAIGHT, CIRCULAR ALL TYPES HAMLET AVENUE ADDITIONAL RESET CURB QUANTITY AS DIRECTED BY THE ENGINEER BRIDGE APPROACHES CATCH BASIN APRON STONES	LF			
				9.00	0014	01
				31.00	0014	01
				20.00	0014	01
Item 906.0700 Total:				60.00		
089	914.5010	FLAGPERSONS HAMLET AVENUE BRIDGE TRAFFIC CONTROL	MHRS			
				1,920.00	0014	01

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
089	914.5010	Cont.				
Item 914.5010 Total:				1,920.00		
090	914.5020	FLAGPERSONS - OVERTIME	MHRS			
		HAMLET AVENUE BRIDGE				
		TRAFFIC CONTROL		192.00	0014	01
Item 914.5020 Total:				192.00		
091	920.0200	FILTER FABRIC FOR RIP-RAP	SY			
		BRIDGE NO. 500				
		EAST EMBANKMENT		300.00	0014	01
Item 920.0200 Total:				300.00		
092	920.9901	PLACED STONE RIP RAP R-4	SY			
		BRIDGE NO. 500				
		EAST EMBANKMENT		300.00	0014	01
Item 920.9901 Total:				300.00		
093	920.9902	BEDDING FOR RIP RAP FS-2	SY			
		BRIDGE NO. 500				
		EAST EMBANKMENT		300.00	0014	01
Item 920.9902 Total:				300.00		
094	922.0100	TEMPORARY CONSTRUCTION SIGNS	SF			
		STANDARD 29.1.0 AND 27.1.1				
		TEMPORARY TRAFFIC CONTROL				
		3 AXLE TRUCKS (2) 24X24		8.00	0014	01
		ADDITIONAL SIGNS AS DIRECTED		27.00	0014	01
		BY THE ENGINEER				
		G20-2 END ROAD WORK (2) 36X18		9.00	0014	01
		HAMLET AVE (5) 30X12		12.50	0014	01
		HAMLET AVENUE (15) 24X24		60.00	0014	01
		M4-8 DETOUR (15) 24X12		30.00	0014	01
		M6-1 ARROW (8) 24X15		20.00	0014	01

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
094	922.0100	Cont.				
		M6-2R ARROW (3) 24X15		7.50	0014	01
		M6-3 ARROW (4) 24X15		10.00	0014	01
		R11-2 ROAD CLOSED (1) 48X30		10.00	0014	01
		R3-1 NO RIGHT TURN (1) 24X24		4.00	0014	01
		R3-2 NO LEFT TURN (1) 24X24		4.00	0014	01
		R9-9 SIDEWALK CLOSED (2) 24X12		4.00	0014	01
		RI STD 27.1.1 WORK ZONE		18.00	0014	01
		FINES (3) 24X36				
		TRUCK (15) 24X12		30.00	0014	01
		TRUCK DETOUR AHEAD (4) 36X36		36.00	0014	01
		TRUCKS (1) 24X12		2.00	0014	01
		W20-1 ROAD WORK AHEAD (5) 36X36		45.00	0014	01
		W20-4 ONE LANE ROAD AHEAD (2) 36X36		18.00	0014	01
		W20-4A FLAGPERSON SYMBOL (5) 36X36		45.00	0014	01
Item 922.0100 Total:				400.00		
095	923.0105	DRUM BARRICADE STANDARD 26.2.0	B DAY			
		HAMLET AVENUE				
		TRAFFIC CONTROL		5,400.00	0014	01
Item 923.0105 Total:				5,400.00		
096	923.0200	FLUORESCENT TRAFFIC CONES STANDARD	EACH			
		26.1.0				
		HAMLET AVENUE				
		TRAFFIC CONTROL		50.00	0014	01
Item 923.0200 Total:				50.00		
097	926.0120	ANCHORED PRECAST CONCRETE BARRIER	LF			
		FOR TEMPORARY TRAFFIC CONTROL				

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
097	926.0120	Cont. BRIDGE NO. 500				
		PHASE 1 - EAST ABUTMENT		10.00	0014	01
		PHASE 1 - WEST ABUTMENT		10.00	0014	01
		PHASE 2 - EAST ABUTMENT		10.00	0014	01
		PHASE 2 - WEST ABUTMENT		10.00	0014	01
Item 926.0120 Total:				40.00		
098	926.0121	UNANCHORED PRECAST CONCRETE BARRIER FOR TEMPORARY TRAFFIC CONTROL STANDARD 40.5.0 HAMLET AVENUE	LF			
		NORTH SIDE OF BRIDGE		230.00	0014	01
		SOUTH SIDE OF BRIDGE		210.00	0014	01
Item 926.0121 Total:				440.00		
099	929.0110	FIELD OFFICE PROJECT WIDE PROJECT WIDE	PMO			
		PROJECT WIDE		18.00	0014	01
Item 929.0110 Total:				18.00		
100	931.0110	CLEANING AND SWEEPING PAVEMENT HAMLET AVENUE	HSY			
		UPON COMPLETION OF PHASE 1		45.00	0014	01
		UPON COMPLETION OF PHASE 2		45.00	0014	01
Item 931.0110 Total:				90.00		
101	932.0100	CUTTING AND MATCHING ASPHALT HAMLET AVENUE	LF			
		EAST SIDE OF BRIDGE		123.00	0014	01
		WEST SIDE OF BRIDGE		106.00	0014	01
Item 932.0100 Total:				229.00		
102	932.0200	FULL-DEPTH SAWCUT OF BITUMINOUS	LF			

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
102	932.0200	Cont. PAVEMENT				
		BRIDGE NO. 500				
		EAST ABUTMENT		77.00	0014	01
		WEST ABUTMENT		73.00	0014	01
		HAMLET AVENUE				
		CENTER ISLAND REMOVAL PHASE 1		110.00	0014	01
		CENTER ISLAND RESTORATION		110.00	0014	01
		PHASE 2				
		PARTIAL REMOVAL OF TRAFFIC		75.00	0014	01
		ISLAND AT CUMBERLAND HILL				
		ROAD FOR PHASE 1 CONSTRUCTION				
		TRAFFIC ISLAND RESTORATION		75.00	0014	01
		AT CUMBERLAND HILL ROAD				
		PHASE 2				
Item 932.0200 Total:				520.00		
103	932.0230	FULL DEPTH SAWCUT OF PORTLAND	LF			
		CEMENT CONCRETE SIDEWALK/DRIVEWAY				
		HAMLET AVENUE				
		CUMBERLAND HILL ROAD		16.00	0014	01
		SIDEWALK REPAIR AT SIGNAL				
		CONTROLLER CABINET				
		NW APPROACH SIDEWALK		6.00	0014	01
		PARTIAL REMOVAL OF TRAFFIC		34.00	0014	01
		ISLAND AT CUMBERLAND HILL				
		ROAD FOR PHASE 1 CONSTRUCTION				
		SE APPROACH SIDEWALK		8.00	0014	01
		SW APPROACH SIDEWALK		6.00	0014	01
Item 932.0230 Total:				70.00		
104	935.0400	REMOVING BITUMINOUS PAVEMENT BY	SY			
		MICRO MILLING				
		HAMLET AVENUE				

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
104	935.0400	Cont.				
		EAST SIDE OF BRIDGE		145.00	0014	01
		WEST SIDE OF BRIDGE		127.00	0014	01
Item 935.0400 Total:				272.00		
105	936.0100	MOBILIZATION AND DEMOBILIZATION	LS			
		PROJECT WIDE				
		PROJECT WIDE		1.00	0014	01
Item 936.0100 Total:				1.00		
106	937.0200	MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION	LS			
		HAMLET AVENUE				
		TRAFFIC CONTROL		1.00	0014	01
Item 937.0200 Total:				1.00		
107	943.0200	TRAINEE MAN-HOURS	MHRS			
		HAMLET AVENUE BRIDGE				
		REPAIRS		1,500.00	0014	01
Item 943.0200 Total:				1,500.00		
108	L01.0102	LOAM BORROW 4 INCHES DEEP	SY			
		PROJECT WIDE				
		PROJECT WIDE		900.00	0014	01
Item L01.0102 Total:				900.00		
109	L02.0102	RESIDENTIAL SEEDING (TYPE 2)	SY			
		PROJECT WIDE				
		PROJECT WIDE		900.00	0014	01
Item L02.0102 Total:				900.00		
S110	T01.9901	MODIFY EXISTING HAMLET AVENUE BRIDGE LIGHTING	LS			
		HAMLET AVENUE				

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S110	T01.9901	Cont. BRIDGE LIGHTING		1.00	0014	01
Item T01.9901 Total:				1.00		
111	T05.0100	PRECAST TYPE A HANDHOLE STANDARD 18.2.0 HAMLET AVENUE RESTORATION OF TRAFFIC ISLAND AT CUMBERLAND HILL ROAD	EACH	2.00	0014	01
Item T05.0100 Total:				2.00		
112	T05.9901	REMOVE, STOCKPILE, AND RESET EXISTING PRECAST TYPE A HANDHOLE STANDARD 18.2.0 BRIDGE NO. 500 EAST ABUTMENT WEST ABUTMENT	EACH	1.00 1.00	0014 0014	01 01
Item T05.9901 Total:				2.00		
113	T05.9903	ADJUST ELECTRIC PULL BOX IN SIDEWALK TO GRADE BRIDGE NO. 500 SOUTH SIDEWALK HAMLET AVENUE NORTHWEST BRIDGE APPROACH SOUTHEAST BRIDGE APPROACH	EACH	1.00 1.00 1.00	0014 0014 0014	01 01 01
Item T05.9903 Total:				3.00		
114	T06.4015	1-1/2 IN. RIGID STEEL CONDUIT IN STRUCTURE BRIDGE NO. 500 NORTH SIDEWALK SOUTH SIDEWALK	LF	40.00 30.00	0014 0014	01 01

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S119	T13.1000 Cont.	HAMLET AVENUE				
		WESTBOUND AT FLORENCE		235.00	0014	01
		DRIVE/DAVISON AVE				
		INTERSECTION				
				Item T13.1000 Total:		235.00
S120	T15.0100	DIRECTIONAL REGULATORY AND WARNING SIGNS	SF			
		HAMLET AVENUE				
		ADDITIONAL SIGNS AS DIRECTED		21.20	0014	01
		AND QUANTITY ROUNDING				
		M1-5 RI 122 (2) 30X24		10.00	0014	01
		M1-5 RI 126 (2) 30X24		10.00	0014	01
		M3-1 NORTH (2) 24X12		4.00	0014	01
		M3-3 SOUTH (2) 24X12		4.00	0014	01
		M6-1 ARROW 21X15		2.20	0014	01
		M6-2 ARROW 21X15		2.20	0014	01
		M6-3 ARROW (2) 21X15		4.40	0014	01
		R1-2 YIELD 36X36X36		9.00	0014	01
		R3-7 RIGHT LANE MUST TURN		7.00	0014	01
		RIGHT 30X30				
		S1-1 SCHOOL SYMBOL 36X36		9.00	0014	01
		S5-2 END SCHOOL ZONE 24X30		5.00	0014	01
		W16-9P AHEAD 24X12		2.00	0014	01
		HAMLET AVENUE MEDIAN ISLAND				
		R4-7 KEEP RIGHT (2) 24X30		10.00	0014	01
				Item T15.0100 Total:		100.00
S121	T15.0200	REMOVE AND RELOCATE DIRECTIONAL REGULATORY AND WARNING SIGN	EACH			
		HAMLET AVENUE EAST AT				
		CUMBERLAND HILL ROAD PHASE 1				
		CONSTRUCTION				

Distribution of Quantities

Project Name - Repairs to Hamlet Ave Bridge No. 500
 Estimate Name - Addendum to DBP C10 Repairs to Hamlet Ave Bridge No. 500
 R.I. Contract No. - 2015-CB-032
 FAP Nos: BHO-0500(002)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S121	T15.0200	Cont.				
		NORTH-126-LEFT		1.00	0014	01
		ARROW/SOUTH-122-RIGHT ARROW				
Item T15.0200 Total:				1.00		
S122	T15.2000	PARKING SIGNS	SF			
		HAMLET AVENUE				
		NW BRIDGE APPROACH SIDEWALK		1.50	0014	01
		SW BRIDGE APPROACH SIDEWALK		1.50	0014	01
Item T15.2000 Total:				3.00		
S123	T20.1000	REMOVE EXISTING PAVEMENT MARKINGS	LF			
		TEMPORARY TRAFFIC CONTROL				
		BEGIN PHASE 1		1,380.00	0014	01
		BEGIN PHASE 2		1,380.00	0014	01
		END PHASE 2		1,490.00	0014	01
Item T20.1000 Total:				4,250.00		
S124	T20.2006	6 INCH EPOXY RESIN PAVEMENT	LF			
		MARKINGS WHITE				
		RESTORE ORIGINAL MARKINGS				
		EDGE LINES		900.00	0014	01
		LANE LINES		300.00	0014	01
Item T20.2006 Total:				1,200.00		
S125	T20.2012	12 INCH EPOXY RESIN PAVEMENT	LF			
		MARKINGS WHITE				
		RESTORE ORIGINAL MARKINGS				
		CHEVRON		150.00	0014	01
		STOP LINES		52.00	0014	01
Item T20.2012 Total:				202.00		
S126	T20.2014	4 INCH EPOXY RESIN PAVEMENT	LF			
		MARKINGS YELLOW				

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S126	T20.2014 Cont.	RESTORE ORIGINAL MARKINGS				
		DOUBLE YELLOW CENTER LINE		940.00	0014	01
Item T20.2014 Total:				940.00		
S127	T20.2018	8 INCH EPOXY RESIN PAVEMENT	LF			
		MARKINGS YELLOW				
		RESTORE ORIGINAL MARKINGS				
		DOUBLE YELLOW CENTER LINE		70.00	0014	01
		X-HATCH				
Item T20.2018 Total:				70.00		
S128	T20.2020	EPOXY RESIN PAVEMENT ARROW -	EACH			
		STRAIGHT, LEFT, RIGHT, OR COMBINED				
		STANDARD 20.1.0				
		HAMLET AVENUE				
		LEFT ARROW		4.00	0014	01
		RIGHT ARROW		3.00	0014	01
Item T20.2020 Total:				7.00		
S129	T20.2022	EPOXY RESIN PAVEMENT MARKING WORD	EACH			
		"ONLY" STANDARD 20.1.0				
		HAMLET AVENUE				
		EASTBOUND		4.00	0014	01
Item T20.2022 Total:				4.00		
S130	T20.9901	REMOVE EXISTING PAVEMENT MARKING	EACH			
		ARROW OR WORD MARKING				
		TEMPORARY TRAFFIC CONTROL				
		PHASE 1		9.00	0014	01
		PHASE 2		2.00	0014	01
Item T20.9901 Total:				11.00		
S131	T20.9902	6 INCH WHITE TEMPORARY PAVEMENT	LF			

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 R.I. Contract No. - 2015-CB-032
 FAP Nos: BHO-0500(002)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S131	T20.9902	Cont. MARKING TAPE				
		HAMLET AVENUE				
		PHASE 1 CONSTRUCTION		400.00	0014	01
		PHASE 2 CONSTRUCTION		400.00	0014	01
		SECOND APPLICATION IF NECESSARY		800.00	0014	01
				Item T20.9902 Total:		1,600.00
S132	T20.9903	4 INCH YELLOW TEMPORARY PAVEMENT MARKING TAPE	LF			
		HAMLET AVENUE				
		PHASE 1 CONSTRUCTION		940.00	0014	01
		PHASE 2 CONSTRUCTION		940.00	0014	01
		SECOND APPLICATION IF NECESSARY		1,880.00	0014	01
				Item T20.9903 Total:		3,760.00
S133	T20.9904	12 INCH WHITE TEMPORARY PAVEMENT MARKING TAPE	LF			
		HAMLET AVENUE				
		PHASE 1 CONSTRUCTION		45.00	0014	01
		PHASE 2 CONSTRUCTION		210.00	0014	01
		SECOND APPLICATION IF NECESSARY		255.00	0014	01
				Item T20.9904 Total:		
134	817.9901	POLYMER MODIFIED CONCRETE	CF			
		BRIDGE NO. 500				
		SOUTH SIDEWALK		2.00	0014	01
				Item 817.9901 Total:		2.00