

State of Rhode Island and Providence Plantations

DEPARTMENT OF TRANSPORTATION

Construction Management Section

CONTRACT ADDENDUM (CA)

Date: 6/22/2019

PTSID # 0013L

FEIN: Contractor: PM: RE:	CARDI CORPORATION 400 LINCOLN AVENUE WARWICK, RI 02888 Innocent, Robens Moschetti, Michael	Purchase Order No. 3545687 Award Date CA No. 034 RIFAP No. BRO-0038(010) RIC No. 2017-CB-071 PTSID No. 0013L FHWA Oversight. <input type="checkbox"/>
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Project: Bridge Group 38 - Rt 146 Corridor
Location: North Smithfield, RI; Providence, RI

BRIEF DESCRIPTION OF WORK: INCENTIVE BONUS WOONSOCKET HILL BRIDGE NO. 442

[] This change should be considered for a TIME EXTENSION as it may impact the critical path of this contract.

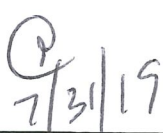
Percent of increase to original contract: 2.20 %
 Percent of increase to date: 34.48 % **NEW INCREASE (DECREASE):** \$150,000.00

Acct No./Budget Code	F.A.P. No.	Amount	% Breakdown
	BRO-0038(010)	\$120,000.00	80% FEDERAL
	BRO-0038(010)	\$30,000.00	20% STATE

This CA represents work and/or changes contained in the attached Report of Change (ROC# 034)

1.	6/24/19 Date	 Contractor
2.	7/16/19 Date	DOT Director (signature req'd if over \$100k)
3.	7/23/19 Date	Michael D. Mitchell State Purchasing Agent/Authorized Agent

Notes:


7/31/19



 7/19/19

State of Rhode Island and Providence Plantations

DEPARTMENT OF TRANSPORTATION

Construction Management Section

REPORT OF CHANGE (ROC)

PTSID-0013L

Date: 6/22/2019

FEIN:

Contractor:

CARDI CORPORATION
400 LINCOLN AVENUE
WARWICK, RI 02888

PM:

Innocent, Robens

RE:

Moschetti, Michael

Purchase Order No.

3545687

Award Date

ROC No.

034

RIFAP No.

BRO-0038(010)

RIC No.

2017-CB-071

PTSID No.

0013L

FHWA Oversight.

□

Project:

Bridge Group 38 - Rt 146 Corridor

Location:

North Smithfield, RI; Providence, RI

BRIEF DESCRIPTION OF WORK:

INCENTIVE BONUS WOONSOCKET HILL BRIDGE NO. 442

[] This change should be considered for a TIME EXTENSION as it may impact the critical path of this contract.

Percent of increase to original contract: 2.20 %

Percent of increase to date: 34.48 %

NEW INCREASE (DECREASE):

\$150,000.00

P

Acct No./Budget Code	F.A.P. No.	Amount	% Breakdown
12-070-391010-12-0000-00	BRO-0038(010)	\$120,000.00	80% FEDERAL
12-070-3885701-12-0000-00	BRO-0038(010)	\$30,000.00	20% STATE

This document is a Report Of Change to the original contract, therefore, the work referenced above shall be performed as required under the original contract and in accordance with any supplementary or special provisions pertinent thereto.

1.	6/24/19	Contractor
2.	6-22-2019	Construction Manager
3.	6/28/19	Const. AM/Mgr. Of Const. Management
4.	07/02/19	Project Manager
5.	7/5/19	Project Management Manager
6.	7/9/19	Project Management Administrator (if required)
7.	N/A	Internal Audit Manager
8.	7/10/19	Federal Agency Review (if required)
[] Non-Participating [] Participating		
9.	7/12/19	Federal Funding Review

Notes:

for 249

RTS 10 CC13C

State of Rhode Island and Providence Plantations

Date: 6/22/2019

DEPARTMENT OF TRANSPORTATION

Construction Management Section

REPORT OF CHANGE (ROC)

Contractor: CARDI CORPORATION
Project: Bridge Group 38 - Rt 146 Corridor
Location: North Smithfield, RI; Providence, RI
RIFAP No. BRO-0038(010)

PO Number
Award Date
ROC No. 034
RIC No. 2017-CB-071

SUMMARY

ROC CATEGORY	%TOTAL ROCs OF THIS CATEGORY	TOTAL \$ AMT OF THIS CATEGORY	% THIS ROC OF THIS CATEGORY	\$ AMT THIS ROC OF THIS CATEGORY
CD - Discretionary - Change Directive	6.38 %	\$150,000.00	100.00 %	\$150,000.00
* DE - Potential Design Errors/Omissions/Unbuildable Designs	54.72 %	\$1,286,535.30	0.00 %	
DQ - Discretionary - Quality Adjustment	3.86 %	\$90,853.47	0.00 %	
DS - Differing Site Conditions	4.15 %	\$97,452.63	0.00 %	
LA - Liquid Asphalt/Diesel Fuel	3.23 %	\$75,989.30	0.00 %	
QA - Quantity Adjustment	27.66 %	\$650,222.19	0.00 %	
TOTAL ROCs TO DATE		\$2,351,052.89	NET INCREASE THIS ROC	\$150,000.00
TOTAL ROCs % OF CONTRACT		34.48 %	THIS ROC % OF CONTRACT	2.20 %

* This ROC category is for RIDOT's use only and is neither an express nor an implied admission or assignment of liability.

ITEM DETAILS

ITEM	ROC CAT	DESCRIPTION	UNIT	EXISTING QUANTITY	REVISED QUANTITY	CHANGE IN QUANTITY	UNIT PRICE	AMOUNT
166.0001	CD	INCENTIVE BONUS WHB No. 442	LS	0.00	1.00	1.00	\$150,000.00	\$150,000.00
TOTAL ROC AMOUNT:								\$150,000.00

State of Rhode Island and Providence Plantations

Date: 6/22/2019

DEPARTMENT OF TRANSPORTATION

Construction Management Section

REPORT OF CHANGE (ROC)

Contractor: CARDI CORPORATION
Project: Bridge Group 38 - Rt 146 Corridor
Location: North Smithfield, RI; Providence, RI
RIFAP No. BRO-0038(010)

PO Number
Award Date
ROC No. 034
RIC No. 2017-CB-071

BRIEF DESCRIPTION OF WORK:

INCENTIVE BONUS WOONSOCKET HILL BRIDGE NO. 442

JUSTIFICATION BY ITEM


New Item #166.0001 INCENTIVE BONUS WHB No. 442 - This ROC/CA is being submitted to create an item in the amount of \$150,000.00 for the incentive bonus to compensate the contractor for being substantially complete on November 20, 2018 and the opening of Woonsocket Hill Bridge No. 442 on November 21, 2018 on time before the contract substantial completion of 12/15/2015 for Woonsocket Hill Bridge No. 442. Please refer to attached Approval Roc/Ca (BOO) Incentive Milestone Completion Date, contractor letter for substantial completion, request for extension of time and revision for the incentive bonus by the Department attachment # 2 and JS pages for backup.

This ROC/CA provides full and complete compensation for this work and has no affect on the substantial completion date of 12/15/2018 for Woonsocket Hill Bridge No. 442

Construction ROC Check List

PTSID # 0013L

Check Box	<i>Incentive Bonus WHB#442 Subject Roc/LA # 034. cec1</i>
N/A	Checked Major/Minor Item Specification
N/A	Included Price analysis if required
X	Included pictures
N/A	Included appropriate plans sheets.
N/A	Unused Contract items utilized to reduce value of this ROC.
N/A	Checked F.A. Equipment rates, etc.
X	Checked and included Applicable J.S. pages
N/A	Included Contractor notice of Extra work
N/A	Is this an FHWA Oversight Project
N/A	Include Work done not paid from produced by latest payment
X	Make sure you have correct funding Code for new items.
X	Make sure you have correct Item Code for new items.
X	Make sure to include PTSID number on all backups
X	Include copy of PM notification email.

Construction Manager MICHAEL J. MOSCHETTI	Area Engineer JON PEZZULLO / <i>Jane ORA</i>
Signature 	Signature

6/22/2019

PTS17#cc13L

2017-CB-071 - ROC/CA # 34

Moschetti, Michael (DOT)

Sat 6/22/2019 9:01 AM

To: Innocent, Robens (DOT) <Robens.Innocent@dot.ri.gov>;

Cc: Orr, James (DOT) <james.orr@dot.ri.gov>; Pezzullo, Jon (DOT) <jon.pezzullo@dot.ri.gov>;

Robens

ROC/CA # 34 in amount of \$150,000.00 for the Incentive Bonus for Woonsocket Hill Bridge No. 442 is being submitted for processing.

Thank you

Michael J. Moschetti
Construction Management Project Supervisor

**Rhode Island Department of Transportation
Construction Management Group
Two Capitol Hill
Providence, RI 02903
E-mail: Michael.Moschetti@dot.ri.gov
401-641-4034 State Cell
401-524-1515 Personal Cell**



CONSTRUCTION INDUSTRIES

MAIN OFFICE ADDRESS: 400 LINCOLN AVE, WARWICK, RI 02888

November 19, 2018

Mr. Michael Moschetti
Resident Engineer
RIDOT
2 Capital Hill
Providence, RI 02903
(401) 524-1515

RE: 2017-CB-071 – Improvements to Route 146 Corridor Bridges

Mr. Moschetti:

This is to inform you that as of tomorrow November 20, 2018, Woonsocket Hill Bridge will be substantially complete. We plan to open the bridge up to traffic on Wednesday November 21, 2018.

Should you have any questions or concerns, please feel free to contact me anytime at (401) 640-7958 or at nmattiello@cardi.com.

Sincerely,

Nicholas Mattiello

Cardi Corporation
Nicholas Mattiello
Project Superintendent

Field Office Address:
100 Allens Ave
Providence, RI 02908

specific times in accordance with the restrictions defined in the Transportation Management Plan (TMP).

Contract Completion Dates:

All work of this contract is to be substantially complete by May 1, 2019.

- A. Work within the roadway shall be completed in accordance with the Traffic-Related Work Restrictions indicated in the Transportation Management Plan.
- B. One week prior to the Pre-Construction conference, the Contractor must submit to the Department for approval a detailed construction work sequence and time schedule in accordance with Section 12.108.03 of the latest revisions of the Rhode Island Procurement Regulations for the completion of all work associated with this Contract and the requirements it contains. Approval of the work sequence and time schedule is required before the start of any construction or other work associated with the contract. The proposed construction and time schedule must consider and address the safe vehicle and pedestrian passage through the Project.
- C. During the pavement removal operations, no over breakage into the operational travel lanes will be allowed.
- D. The Contractor shall plan his work such that at the end of each working day all of the pavement removal and/or paving operation shall be squared off from one edge of pavement to the other edge of pavement.
- E. The Contractor shall schedule pavement removal such that no location within the limits of the project over which traffic flow is to be maintained shall remain without the surface course for longer than 10 working days, unless otherwise approved in writing by the Engineer.
- F. Any deviations from the requirements stated here or detailed in the reference drawings, as well as any deviations from the approved construction work sequence and time schedule must be submitted to the Engineer in writing for approval.

7. MAINTENANCE AND MOVEMENT OF TRAFFIC:

Approval of the work sequence and time schedule is required before the start of any construction or other work associated with this contract. The proposed construction and time schedule must consider and address the safe vehicle passage through the project.

In addition to the requirements of the Standard Specifications for Road and Bridge Construction and the Special Requirements of other sections of these contract documents, the Contractor must adhere to the following requirements;

The Contractor is advised that the signs and other traffic control devices shown on the Plans are minimum requirements, and it is the Contractor's responsibility to supplement these if necessary

RTSIN # 6132

Date: 09/13/17
RIC No: 2017-CB-071

JOB SPECIFIC

CODE: 108.1000

PROSECUTION AND PROGRESS

DESCRIPTION: In accordance with Section 108:08; FAILURE TO COMPLETE ON TIME, Para. a., Phased Completion, Interim Completion and Substantial Completion, the following defines the Interim and Substantial Completion Dates and Associated Liquidated Damages:

Substantial Completion (Woonsocket Hill Bridge): December 15, 2018.
All Contract work shall be completed, as defined by Section 101.71.

Liquidated Damages: \$5,000 Per Calendar day.

Date: 09/13/17
RIC No: 2017-CB-071

JOB SPECIFIC

CODE: 108.11

INCENTIVES AND DISINCENTIVES

DESCRIPTION: The payment provisions set forth elsewhere in the Contract are supplemented by the terms of this Special Provision.

SUBSTANTIAL COMPLETION DATE #1:

A monetary incentive or disincentive will be applied to the following interim completion duration according to the terms herein:

Substantial Completion Date #1 (hereafter referred to as "SCD #1"): as defined in Code 108.1000 Prosecution and Progress, shall be completed.

INCENTIVE AND DISINCENTIVE ASSESSMENT:

Incentive (positive assessment): For each day that the defined work is completed prior to SCD #1, an incentive equal to the sum of **\$5,000.00** per calendar day up to a maximum of thirty days will be added to any monies due the Contractor. This incentive will be calculated from SCD #1 up to the actual completion time of the defined work.

Disincentive (negative assessment): Correspondingly, for each day that defined work remains incomplete after SCD #1, a disincentive equal to the sum of **\$5,000.00** per calendar day will be deducted from any monies due the Contractor. This disincentive will be calculated from SCD #1 up to the actual completion time of the defined work.

In no case shall the incentive be greater than **\$150,000.00** for SCD #1. There will be no limit to the total disincentive for the contract.

The disincentive amounts are assessed not as a penalty but as liquidated and ascertained damages based upon a percentage of road user costs for the time extending the SCD #1 beyond the specified date and time. The disincentive is for the purpose of recovering the road user costs resulting from delays to the Project. The Contractor should assume that disincentive assessments would commence at the specified completion date and time of from delays to the Project. The Contractor should assume that disincentive assessments would commence at the specified completion date and time of the SCD #1.

For purposes of determining whether the Contractor shall receive an Incentive Payment, the dates and times set forth in this specification will not be adjusted under any circumstance for any reason, cause, or circumstance whatsoever, regardless of fault. Should the Contractor be delayed in the commencement, prosecution, or completion of the work in SCD #1 for any reason, there shall be no revision of the Incentive Assessment calculation date and time or the Disincentive Assessment calculation date and time notwithstanding that there may be granted an extension of time for Work outside the SCD #1 in the Contract. Failure of the Contractor to complete the required work within the SCD #1 shall release and discharge the State, tire Department, and all of its officers, agents, and employees from all claims and demands for the payment of any incentive amount of damages arising from the refusal to pay any incentive amount.

Incentive Payment, if due the Contractor, will be made following acceptance of the project by the Engineer as substantial completion.

PTSD #013L

Date: 09/13/17
RIC No: 2017-CB-071

Disincentive assessment will be deducted from monies due or to become due the Contractor upon determination by the Engineer that a Disincentive assessment is warranted. Any Disincentive assessed in accordance with this Special Provision shall be separate from and in addition to charges assessed in accordance with Subsection 937.05.02 and Code 937.1000.

This ROC is being written in response to two notices of Potential Claim on the subject project. After careful consideration of past events and schedule we have decided on the following:

- In response to the Cardi's 4/13/18 correspondence requesting an 18-day delay towards the incentive milestone outlined in the contract. The Department agrees that Cardi was delayed by the work related to relocating two utility poles on either side of the bridge, which prevented pile driving activities. This delay directly affected Cardi's ability to achieve Substantial Completion Date #1 (SCD#1) as outlined in the JS - Page # 9 and 108.11 (December 15th, 2018 to open Woonsocket Hill Road). The Department offers to revise the cost per day of the incentive to give Cardi the opportunity to still achieve the maximum incentive amount. The new incentive amount will be \$12,500 per day if the work is completed prior to SCD #1, and shall be capped at \$150,000.00. The Department will hold December 15th, 2018 as SCD #1. The disincentive for completing after SCD#1 will remain the same, \$5,000.00 per day as outlined in the contract.
- In response to the 4/26/18 Notice of Potential claim regarding the rebar for the west abutment. Based on the conversation on Monday 4/30, the rebar in question does not affect the construction of the entire abutment, only the wing wall. The lead time for procurement of the additional rebar is not on the critical path for the milestone and therefore no additional time is warranted.

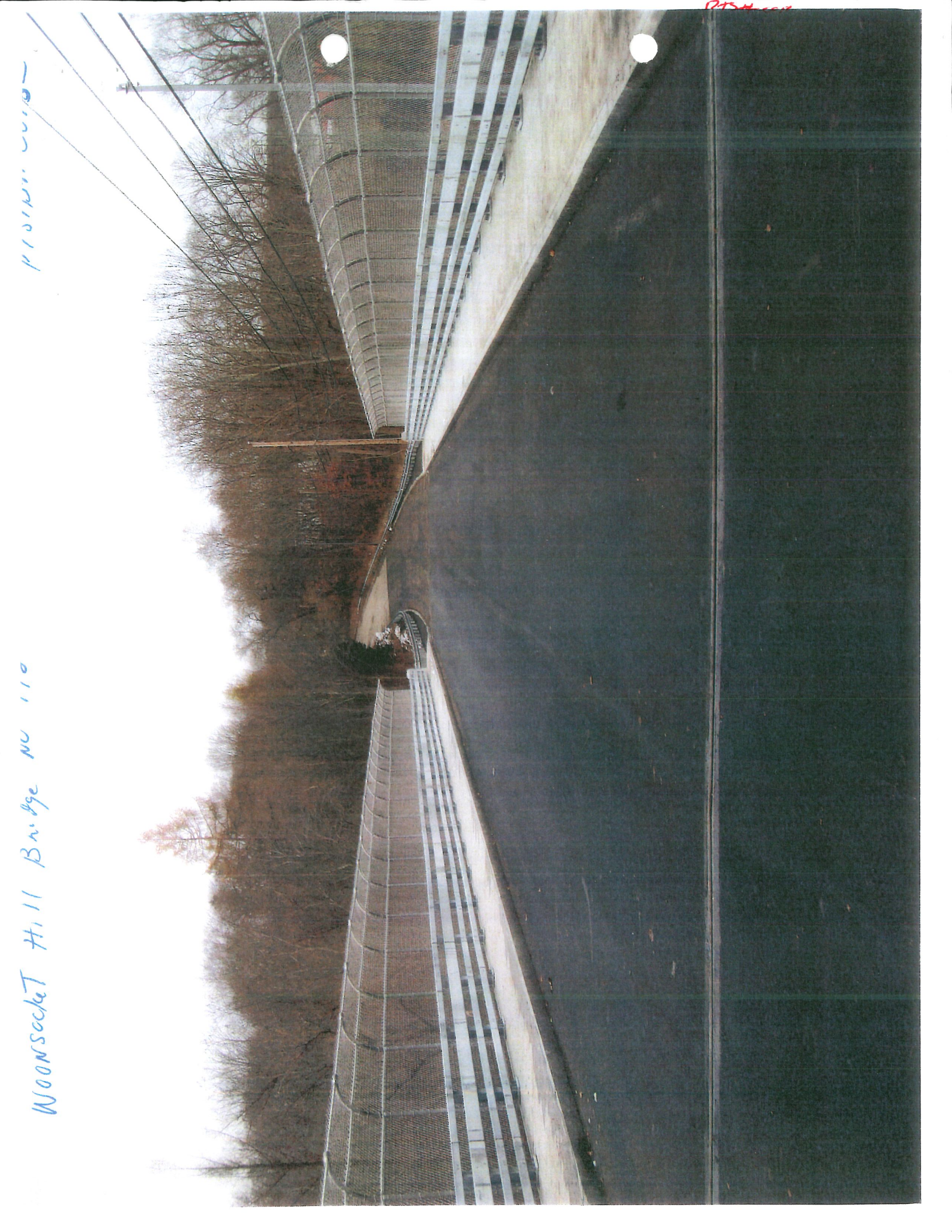
Now that all third-party work (i.e. utilities relocation etc..) is complete, any future delays will be handled as outlined in JS 108.11 Incentives and Disincentives.

ATTACHMENT # 2 REVISION FOR INCENTIVE BONUS

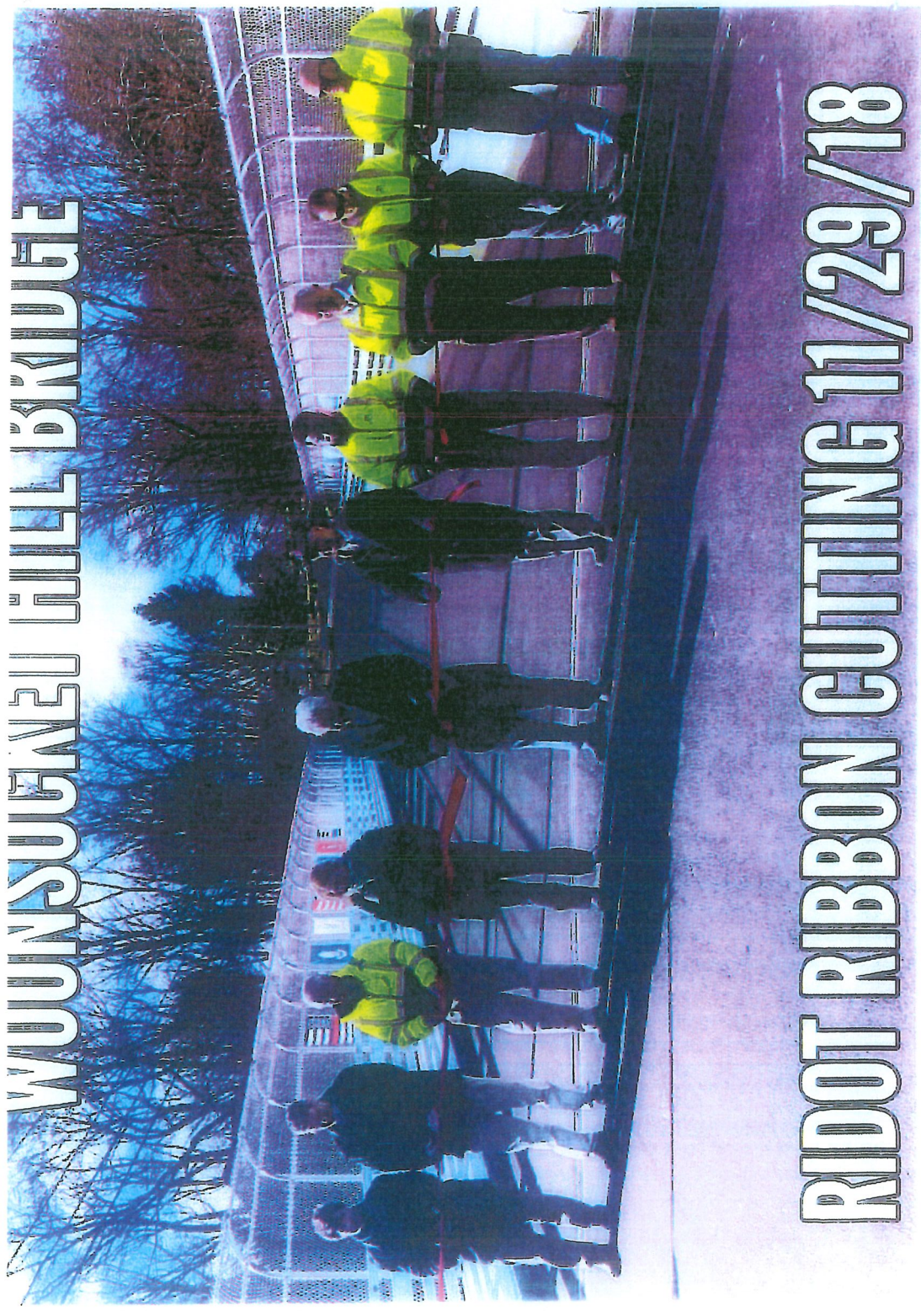
Woonsocket Hill Bridge No 110

11/10/10

11/10/10



WOUNSUCKNEE HILL BRIDGE



RIDOT RIBBON CUTTING 11/29/18

11/29/18

PTS/D #0013L

RIDOT - ROC/CA Approval Request

RIC No: 2017-CB-071

Fap No: _____

ROC/CA# 000

Start Date 4/6/19

Project: BRIDGE GROUP 3B - Rt 46 Corridor

PTSID 0013L

Project Management:

sent to:

Initials

Date

Area Mgr/Mgr Constr

JP

4/11

Project Manager 1

ROC

4.30.19

Project Manager 2

SA

5/1/19

Project Manager 3

Am

5/1/19

Finals Review

sent to:

Initials

Date

Finals (S.Robbins)

SMA

5/9/19

sent to:

FHWA (if required)

Comments:

LORE, THIS IS FOR THE UTILITY
DELAY AT BEGINNING OF PROJECT.

Division Management:

sent to:

Initials

Date

Manager of Project
Management

INF

5/3/19

Division Chief:

Project Management
Administrator

NA

Financial Management:

sent to:

Initials

Date

Federal Programs/Grants

LT

5/16/19

Chief Financial Officer

DC

5/16/19

Rev 2/26/2019

State of Rhode Island and Providence Plantations
DEPARTMENT OF TRANSPORTATION
Construction Management Section
REPORT OF CHANGE (ROC)

Date: 4/6/2019

PTSID 0013L

FEIN: _____
Contractor: CARDI CORPORATION
400 LINCOLN AVENUE
WARWICK, RI 02888
PM: Innocenti, Robens
RE: Moschetti, Michael

Purchase Order No. _____
Original PO Date _____
ROC No. 800
RIFAP No. _____
RIC No. 2017-CB-071
PTSID No. 0013L
FHWA Oversight. []

Project: Bridge Group 38 - Rt 146 Corridor
Location: North Smithfield, RI; Providence, RI

BRIEF DESCRIPTION OF WORK: INCENTIVE MILESTONE COMPLETION DATE

[] This change should be considered for a TIME EXTENSION as it may impact the critical path of this contract.

Percent of increase to original contract: 0.00 %

Percent of increase to date: 34.41 %

NEW INCREASE (DECREASE):

\$0.00

Amount	% Breakdown
--------	-------------

This document is a Report Of Change to the original contract, therefore, the work referenced above shall be performed as required under the original contract and in accordance with any supplementary or special provisions pertinent thereto.

1.	4/8/19	Contractor
2.	4-6-2019	Construction Manager
3.	4.06.2019	Const. AM/Mgr. Of Const. Management
4.	4-30-19	Project Manager
5.	6/2/19	Project Management Manager
6.		Project Management Administrator (if required)
7.	NA	Internal Audit Manager
8.	5/13/19	Federal Agency Review (if required)
[] Non-Participating [] Participating		
9.	5/10/19	Federal Funding Review

Notes:

PTSID 0013L

State of Rhode Island and Providence Plantations

Date: 4/6/2019

DEPARTMENT OF TRANSPORTATION

Construction Management Section

REPORT OF CHANGE(ROC)

Contractor: CARDI CORPORATION
Project: Bridge Group 38 - Rt 146 Corridor

PO Number

Award Date

ROC No.

B00

RIC No.

2017-CB-071

Location: North Smithfield, RI; Providence, RI
RIFAP No.

INCENTIVE MILESTONE COMPLETION DATE

This Report of Change is submitted to revise the contractual milestone completion date for Woonsocket Hill Bridge as outlined in JS 108.1000-page #8 (December 15th, 2018 to open Woonsocket Hill Road Bridge). The milestone date revision will provide for delay associated with utility pole relocation work that prevented scheduled pile driving activities. No contractual utility durations or agreements were in place or provided in the contract bid documents that would have been considered/included in the project schedule.

Cardi Corp's 4.13.18 correspondence requests and their contract schedule indicate a 18 day milestone delay for Woonsocket Hill Road Bridge. This 18 day delay to January 2nd, 2019 is warranted, accepted, and granted by The Department with the following understanding and agreement:

The milestone date has an incentive/disincentive value associated with the opening of Woonsocket Hill Road Bridge as stated in JS 108.11-pages 9 & 10 (the sum of \$5000.00/day up to a maximum of thirty days). It is agreed to by both The Department and Cardi Corp that if the full incentive value of \$150,000.00 is achieved by Cardi Corp, then no additional compensation associated with this milestone date revision to January 2nd, 2019 for Woonsocket Hill Road Bridge shall be claimed by Cardi Corp.

State of Rhode Island and Providence Plantations

Date: 4/6/2019

DEPARTMENT OF TRANSPORTATION

Construction Management Section

CONTRACT ADDENDUM (CA)

FEIN:

Contractor:

CARDI CORPORATION
400 LINCOLN AVENUE
WARWICK, RI 02888

PM:

Innocent, Robens

RE:

Moschetti, Michael

Purchase Order No.

3545687

Award Date

CA No.

BOO

RIFAP No.

RIC No.

2017-CB-071

PTSID No.

00131

FHWAOversight.

U

Project: Bridge Group 38 - Rt 146 Corridor

Location: North Smithfield, RI; Providence, RI

BRIEF DESCRIPTION OF WORK: INCENTIVE MILESTONE COMPLETION DATE

[] This change should be considered for a TIME EXTENSION as it may impact the critical path of this contract.

Percent of increase to original contract: 0.00 %

Percent of increase to date: 34.41 %

NEW INCREASE (DECREASE):

\$0.00

Acct No./Budget Code	F.A.P. No.	Amount	% Breakdown
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This CA represents work and/or changes contained in the attached Report of Change (ROC# B00)

1.	4/8/19	Date	<i>[Signature]</i>	Contractor
2.	5/10/19	Date	<i>[Signature]</i>	DOT Director (signature req'd if over \$100k)
3.	5/15/19	Date	<i>[Signature]</i>	State Purchasing Agent/Authorized Agent



Notes:

INTERNO

5/10/19

Construction ROC Check List

	2018-CB-071	PTSID 0013L
Check Box	Subject -- INCENTIVE MILESTONE COMPLETION DATE	
N/A	Checked Major/Minor Item Specification	
N/A	Included Price analysis if required	
X	Included pictures	
N/A	Included appropriate plans sheets.	
N/A	Unused Contract items utilized to reduce value of this ROC.	
N/A	Checked F.A. Equipment rates, etc.	
X	Checked and included Applicable J.S. pages	
N/A	Included Contractor notice of Extra work	
N/A	Is this an FHWA Oversight Project	
N/A	Include Work done not paid for produced by latest payment	
N/A	Make sure you have correct funding Code for new items.	
X	Make sure you have correct Item Code for new items.	
X	Make sure to include PTSID number on all backups	
X	Include copy of PM notification email.	

Construction Manager MICHAEL J. MOSCHETTI	Area Engineer JON PEZZULLO
Signature 	Signature  4.6.2019 / 4:11 PM JRP

2017-CB-071 Roc/Ca INCENTIVE MILESTONE TIME EXTENSION

Moschetti Michael (DOT)

4/6/2019 3:58 PM

• Innocent Robens (DOT) <Robens.Innocent@dot.ri.gov>:

• Pezullo Jon (DOT) <jon.pezullo@dot.ri.gov>

Robens

Roc/Ca AOO # 1 is being submitted for Incentive Milestone Time Extension for Woonsocket Hill Bridge No. 442 for approval. There is no dollar value for this Roc/Ca

Thank you

Michael J. Moschetti

Resident Engineer

Rhode Island Department of Transportation
Construction Management Group
Two Capitol Hill
Providence, RI 02903
E-mail: Michael.Moschetti@dot.ri.gov
Mobile: 401-641-4034



PT 2 0013L

CONSTRUCTION INDUSTRIES

WARWICK RHODE ISLAND 02888 (401) 739 8300

April 13, 2018

Mr. Mike Moschetti
Resident Engineer

Re: Request for Extension of Time
Rhode Island Contract No. 2017-CB-071
Route 146 Corridor Bridges

Dear Mr. Moschetti:

As you know, Cardi Corporation was delayed by a total of 18 calendar days on the incentive milestone for the completion of the Woonsocket Hill Bridge. This delay was caused by the unforeseen need to relocate two utility poles at each abutment return wall. The overhead wires were in direct conflict with the planned pile driving operation at the East Abutment, which was on the critical path to the incentive milestone (see attached baseline schedule critical path to incentive milestone). Although the Department made a valiant and commendable effort in order to mitigate the unforeseen utility delay in time to avoid delaying the critical pile driving operation, several severe snow storms in the Month of March 2018, pushed the utility work out further than anticipated. The utility delay caused a total loss of 18 calendar days to the incentive milestone for the completion of Woonsocket Hill Bridge. Cardi Corporation is respectfully requesting an 18 calendar day time extension request to the calculated November 15, 2018 full incentive milestone date.

Cardi Corporation was notified at the preconstruction conference that there were required utility relocations (National Grid Electric, Verizon, & Cox) which were not carried in the Contract documents. The Department immediately began to procure purchase orders with the individual utilities in order to avoid any delay to the Contractors intended work sequence. Fortunately, the superstructure and a majority of the substructure were removed without the utility relocation, leaving small section of return wall at each abutment until the poles could be relocated. Cardi Corporation informed the Department that the utilities would need to be relocated a few days prior March 27, 2018 (to complete return wall demo and completion of structural excavation), the critical start date for the pile driving operations (return wall to be removed and completion of structural excavation), or the incentive date would be delayed.

AN EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER
CONCRETE ASPHALT HEAVY CONSTRUCTION


07510 00132

The Department had a projected completion date of mid-March 2018 for the utility relocations. This projected utility relocation completion date was delayed by the utility companies due to the shortage of labor resources caused by several severe snow storm events (Nor'easters) causing power outages experienced throughout the Northeast. The utility poles were relocated by April 6, 2018 and the demo of the return wall / structural excavation at the East Abutment was completed on April 10, 2018, with pile driving projected to commence on April 12, 2018.

The unforeseen utility work became the driving activity on the critical path to the incentive milestone in Schedule Update No. 4 (Data Date 3/14/18). At the schedule progress meeting on 3/14/18 Cardi was informed by the Department that the utility work had yet to be completed. Accordingly, the completion of the utility work was projected out to 3/28/18 in this update, resulting in an 11 calendar day delay to the incentive milestone (see attached UP04 critical path to incentive milestone). The utility delay remained the leading activity on the critical path to the incentive milestone in Schedule Update No. 5 (Data Date 3/28/18). The physical work had commenced but was not yet completed, resulting in a projected 29 calendar day delay to the incentive milestone (see attached UP05 critical path to incentive milestone), based on a newly projected April 11, 2018 completion date for the utility relocation work. The utility relocation work was completed on April 06, 2018 with the removal of the utility poles as captured in Schedule Update No. 6 (Data Date No. 04/11/18) allowing Cardi Corporation to remove the partial return walls and complete the structural excavation at the east abutment by April 10, 2018. The H-pile work operation was now the leading activity on the critical path to the incentive milestone (see attached UP06 critical path to incentive milestone), which was now showing a total delay of 18 calendar days behind schedule.

Accordingly, Cardi Corporation is respectfully requesting an excusable time extension of 18 calendar days to the calculated full incentive milestone date of November 15, 2018. This extension of time would extend the calculated full incentive interim milestone date from November 15, 2018 to December 3, 2018, which may require the extension of the December 15, 2018 contractual milestone, depending on the chosen method of milestone adjustment or direct reimbursement. Cardi Corporation considers this extension of time as an equitable and fair adjustment to compensate the Contractor for lost incentive time caused by unforeseen circumstances well beyond the Contractors control.

Very truly yours:
CARDI CORPORATION


Sean Corrigan
Senior Project Scheduler

[illegible]

Item ID	Location	Contract	Original Duration	Actual Duration	Start	Finish	Total Duration	2016	2017	2018	2019	2020	2021	2022
DELA000010	Relocate Poles & Utility Wires / Add Switches - National Grid Electric / Verizon	01638-	58	56	15 Jan-17-18	Mar-26-18	-8	74.14%						
DELA000080	R&D Partial Return Walls at Abutments Once Utility Poles Are Relocated - Br. No. 442	01638-	1	0	1 Mar-29-18	Mar-29-18	-6	0%						
CB80100180	Structural Excavation Earth @ East Abut. - Bridge No. 442	01638-	3	0	3 Mar-30-18	Apr-03-18	-6	0%						
CB80100180	Install H-Pile Driving Frame @ East Abut. - Bridge No. 442	01638-	2	0	2 Apr-04-18	Apr-05-18	-6	0%						
CB80100185	Drive 2-Ea Dynamic Test H-Piles @ East Abutment - Bridge No. 442	01638-	1	0	1 Apr-05-18	Apr-06-18	-6	0%						
CB80100195	Rev & App Dynamic Test H-Pile Results @ East Abutment - Bridge No. 442	01638-	1	0	1 Apr-09-18	Apr-09-18	-6	0%						
CB80100200	Remove H-Pile Driving Frame @ East Abutment - Bridge No. 442	01638-	8	0	8 Apr-10-18	Apr-18-18	-6	0%						
CB80100205	Cut 29-Ea H-Piles @ East Abutment - Bridge No. 442	01638-	1	0	1 Apr-20-18	Apr-20-18	-6	0%						
CB80100210	Weld L-beams to H-Piles @ East Abutment - Bridge No. 442	01638-	2	0	2 Apr-23-18	Apr-24-18	-6	0%						
CB80100215	FRP NE Abutment Footing - Bridge No. 442	01638-	5	0	5 Apr-25-18	May-01-18	-6	0%						
CB80100220	Cure, Strip, & Backfill East Abutment Footing - Bridge No. 442	01638-	7	0	7 May-02-18	May-08-18	-6	0%						
CB80100225	FRP NE Abutment Stem - Bridge No. 442	01638-	6	0	6 May-09-18	May-15-18	-6	0%						
CB80100230	Cure & Strip NE Abutment Stem - Bridge No. 442	01638-	7	0	7 May-16-18	May-23-18	-6	0%						
CB80100240	Cure & Strip SE Abutment Stem - Bridge No. 442	01638-	7	0	7 May-24-18	May-30-18	-6	0%						
CB80100435	Drill & Grout Bearing Anchor Bole @ Abutment - Bridge No. 442	01638-	2	0	2 Jun-05-18	Jun-14-18	-7	0%						
CB80100470	Drill & Grout Bearing Anchor Bole @ Pier No. 2 - Bridge No. 442	01638-	1	0	1 Jun-19-18	Jun-19-18	-5	0%						
CB80100475	Install All Bridge Bearings & Sole Plates - Bridge No. 442	01638-	4	0	4 Jun-19-18	Jun-22-18	-5	0%						
CB80100430	Detour Route 146 NB & SB Traffic for Superstructure Erection - Route 146	01638-	1	0	1 Jun-23-18	Jun-23-18	-2	0%						
CB80100465	Erect & Field Splice Bridge Girders - Bridge No. 442	01638-	2	0	2 Jun-23-18	Jun-24-18	-2	0%						
CB80100490	Remove Erection Detour - Route 146	01638-	1	0	1 Jun-24-18	Jun-24-18	-2	0%						
CB80100500	Install End, Intermediate, & Pier Diaphragms - Bridge No. 442	01638-	8	0	8 Jun-25-18	Jul-05-18	-4	0%						
CB80100505	Install Deck Overhang Brackets - Bridge No. 442	01638-	12	0	12 Jul-16-18	Aug-02-18	-4	0%						
CB80100507	Install Deck Overhang Forms - Bridge No. 442	01638-	10	0	10 Aug-03-18	Aug-17-18	-4	0%						
CB80100520	Install Bottom Mat of Rebar - Bridge No. 442	01638-	10	0	10 Aug-20-18	Aug-31-18	-4	0%						
CB80100530	Install Top Mat of Rebar w/ Strip Seal HW - Bridge No. 442	01638-	2	0	2 Sep-04-18	Sep-05-18	-4	0%						
CB80100535	Set Gammaco Machine & Dry Run for Deck Pour - Bridge No. 442	01638-	1	0	1 Sep-05-18	Sep-06-18	-4	0%						
CB80100540	Pour Bridge Deck (Sections 1) - Bridge No. 442	01638-	1	0	1 Sep-07-18	Sep-07-18	-4	0%						
CB80100545	72 Hour Cure Between Deck Pours - Bridge No. 442	01638-	3	0	3 Sep-08-18	Sep-10-18	-7	0%						
CB80100550	Pour Bridge Deck (Section No. 2) - Bridge No. 442	01638-	1	0	1 Sep-11-18	Sep-11-18	-5	0%						
CB80100555	Wet Cure Bridge Deck - Bridge No. 442	01638-	14	0	14 Sep-12-18	Sep-25-18	-7	0%						
CB80100565	FRP Bridge Deck Sidewalks - Bridge No. 442	01638-	2	0	2 Sep-28-18	Sep-27-18	-5	0%						
CB80100570	Cure & Strip Bridge Deck Sidewalks - Bridge No. 448	01638-	10	0	10 Sep-28-18	Oct-12-18	-5	0%						
CB80100575	Install 4 Bar Bridge Rail - Bridge No. 442	01638-	5	0	5 Oct-13-18	Oct-17-18	-8	0%						
CB80100580	Install Type 1 Protective Screen - Bridge No. 442	01638-	6	0	6 Oct-18-18	Nov-02-18	-6	0%						
CB80100580	Install Cold Applied Waterproofing Membrane - Bridge No. 442	01638-	1	0	1 Nov-05-18	Nov-05-18	-6	0%						
CB80100585	Install 3' of Modified Class 9.5 HMA Pavement - Bridge No. 442	01638-	1	0	1 Nov-06-18	Nov-06-18	-6	0%						
CB80100750	Required 14 Day Pavement Curing Period - Bridge No. 442	01638-	14	0	14 Nov-07-18	Nov-20-18	-8	0%						
CB80100755	Install Epoxy Pavement Markings & Symbols - Bridge No. 442	01638-	3	0	3 Nov-21-18	Nov-26-18	-6	0%						

Remaining Level of Effort

Actual Level of Effort

Actual Work

Remaining Work

Critical Remaining Work

Milestone



CARDI CORPORATION

Route 146 Corridor Bridges

RE 146-1 P04-03-18

Layout: SEANS WBS Update Layout Route 146 Cor

Date: Mar-4-18

Prepared by: Cardi Corporation

Date: _____

Revision: _____

Checked: _____

Approved: _____

Item ID	Summary	Submittal	Original Duration	Actual Duration	Forecasted Start	Forecasted Finish	Total Duration	2018	2019	2020	2021	2022
DELAV00010	Relocate Poles & Utility Wires / Add Switches - National Grid Electric / Verizon	0183B-	58	70	15 Jan-17-18A	Apr-11-18	-22 74.4%	02	03	04	05	06
DELAV00060	R&D Partial Return Walls at Abutments Once Utility Poles Are Relocated - Br. No. 442	0183B-	1	0	1 Apr-12-18	Apr-12-18	-16 0%	07	08	09	10	11
CB80100175	Structural Excavation Earth @ East Abut. - Bridge No. 442	0193B-	3	0	3 Apr-13-18	Apr-13-18	-16 0%	12	13	14	15	16
CB80100180	Install H-Pile Driving Frame @ East Abut. - Bridge No. 442	0193B-	2	0	2 Apr-18-18	Apr-18-18	-16 0%	17	18	19	20	21
CB80100185	Drive 2-Ea Dynamic Test H-Piles @ East Abutment - Bridge No. 442	0193B-	1	0	1 Apr-20-18	Apr-20-18	-16 0%	22	23	24	25	26
CB80100190	Rev & App Dynamic Test H-Pile Results @ East Abutment - Bridge No. 442	0193B-	1	0	1 Apr-23-18	Apr-23-18	-16 0%	27	28	29	30	31
CB80100195	Drive 27-Ea Production H-Piles @ East Abutment - Bridge No. 442	0193B-	8	0	8 Apr-24-18	May-03-18	-16 0%	32	33	34	35	36
CB80100200	Remove H-Pile Driving Frame @ East Abutment - Bridge No. 442	0193B-	1	0	1 May-04-18	May-04-18	-16 0%	37	38	39	40	41
CB80100205	Weld L-bars to H-Piles @ East Abutment - Bridge No. 442	0193B-	2	0	2 May-07-18	May-08-18	-16 0%	42	43	44	45	46
CB80100210	Cut 29-Ea H-Piles @ East Abutment - Bridge No. 442	0193B-	5	0	5 May-08-18	May-15-18	-16 0%	47	48	49	50	51
CB80100215	FRP East Abutment Footing - Bridge No. 442	0183B-	7	0	7 May-23-18	May-22-18	-22 0%	52	53	54	55	56
CB80100220	Cure, Strip, & Backfill East Abutment Footing - Bridge No. 442	0183B-	6	0	6 Jun-01-18	Jun-01-18	-22 0%	57	58	59	60	61
CB80100225	FRP NE Abutment Stem - Bridge No. 442	0183B-	7	0	7 Jun-07-18	Jun-13-18	-22 0%	62	63	64	65	66
CB80100230	Cure & Strip NE Abutment Stem - Bridge No. 442	0183B-	6	0	6 Jun-14-18	Jun-21-18	-15 0%	67	68	69	70	71
CB80100235	FRP SE Abutment Stem - Bridge No. 442	0183B-	7	0	7 Jun-21-18	Jun-28-18	-21 0%	72	73	74	75	76
CB80100240	Cure & Strip SE Abutment Stem - Bridge No. 442	0183B-	6	0	6 Jul-05-18	Jul-05-18	-15 0%	77	78	79	80	81
CB80100245	Drill & Grout Bearing Anchor Bolts @ Pier No. 2 - Bridge 442	0183B-	4	0	4 Jul-03-18	Jul-03-18	-15 0%	82	83	84	85	86
CB80100250	Install All Bridge Bearings & Sole Plates @ Pier No. 2 - Bridge 442	0183B-	4	0	4 Jul-03-18	Jul-03-18	-15 0%	87	88	89	90	91
CB80100255	Detour Route 146 NB & SB Traffic for Superstructure Erection - Route 146	0183B-	1	0	1 Jul-14-18	Jul-14-18	-8 0%	92	93	94	95	96
CB80100260	Erect & Field Splice Bridge Girders - Bridge No. 442	0183B-	2	0	2 Jul-15-18	Jul-15-18	-8 0%	97	98	99	100	101
CB80100265	Remove Erection Detour - Bridge No. 442	0183B-	1	0	1 Jul-15-18	Jul-15-18	-8 0%	102	103	104	105	106
CB80100270	Install End, Intermediate, & Pier Diaphragms - Bridge No. 442	0183B-	8	0	8 Jul-16-18	Jul-25-18	-18 0%	107	108	109	110	111
CB80100275	Install Deck Overhang Brackets - Bridge No. 442	0183B-	8	0	8 Jul-26-18	Aug-06-18	-18 0%	112	113	114	115	116
CB80100280	Install Deck Overhang Forms - Bridge No. 442	0183B-	12	0	12 Aug-07-18	Aug-23-18	-18 0%	117	118	119	120	121
CB80100285	Install Bottom Mat of Rebar - Bridge No. 442	0183B-	10	0	10 Aug-24-18	Sep-07-18	-18 0%	122	123	124	125	126
CB80100290	Install Top Mat of Rebar w/ Strip Seal HW - Bridge No. 442	0183B-	10	0	10 Sep-10-18	Sep-21-18	-18 0%	127	128	129	130	131
CB80100295	Set Gannaco Machine & Dry Run for Deck Pour - Bridge No. 442	0183B-	2	0	2 Sep-26-18	Sep-25-18	-18 0%	132	133	134	135	136
CB80100300	Pour Bridge Deck (Sections 1) - Bridge No. 442	0183B-	1	0	1 Sep-28-18	Sep-28-18	-18 0%	137	138	139	140	141
CB80100305	72 Hour Cure Between Deck Pours - Bridge No. 442	0183B-	3	0	3 Sep-28-18	Sep-30-18	-27 0%	142	143	144	145	146
CB80100310	Pour Bridge Deck (Section No. 2) - Bridge No. 442	0183B-	1	0	1 Oct-01-18	Oct-01-18	-19 0%	147	148	149	150	151
CB80100315	Wet Cure Bridge Deck - Bridge No. 442	0183B-	14	0	14 Oct-02-18	Oct-15-18	-27 0%	152	153	154	155	156
CB80100320	Install Bridge Curb - Bridge No. 442	0183B-	2	0	2 Oct-16-18	Oct-17-18	-18 0%	157	158	159	160	161
CB80100325	FRP Bridge Deck Sidewalks - Bridge No. 442	0183B-	10	0	10 Oct-18-18	Oct-31-18	-18 0%	162	163	164	165	166
CB80100330	Cure & Strip Bridge Deck Sidewalks - Bridge No. 449	0183B-	5	0	5 Nov-01-18	Nov-05-18	-27 0%	167	168	169	170	171
CB80100335	Install 4 Bar Bridge Rail - Bridge No. 442	0183B-	6	0	6 Nov-06-18	Nov-14-18	-19 0%	172	173	174	175	176
CB80100340	Install Type 1 Protective Screen - Bridge No. 442	0183B-	6	0	6 Nov-15-18	Nov-23-18	-19 0%	177	178	179	180	181
CB80100345	Install Cold Applied Waterproofing Membrane - Bridge No. 442	0183B-	1	0	1 Nov-26-18	Nov-26-18	-19 0%	182	183	184	185	186
CB80100350	Install 3' of Modified Class 9.5 HMA Pavement - Bridge No. 442	0183B-	1	0	1 Nov-27-18	Nov-27-18	-19 0%	187	188	189	190	191
CB80100355	Required 14 Day Pavement Curing Period - Bridge No. 442	0183B-	14	0	14 Nov-28-18	Dec-11-18	-29 0%	192	193	194	195	196
CB80100360	Install Epoxy Pavement Markings & Symbols - Bridge No. 442	0183B-	3	0	3 Dec-12-18	Dec-14-18	-20 0%	197	198	199	200	201
CB801000040	Incentive Completion Milestone - Wisconsin Hill Br (November 15, 2018)	0193B-	0	0	0 Dec-14-18	Dec-14-18	-29 0%	202	203	204	205	206

Remaining Level of Effort

Actual Level of Effort

Remaining Work

Critical Remaining Work

Milestone

Route 146 Corridor Bridges

Layout: SEANS WBS Update Layout Route 146 Corr

Date

Revision

Checked

Approved

CRB ID	CRB Name	Calendar	Original Duration	Actual Duration	Remaining Duration	Start	Finish	Total Duration	2015	2016	2017	2018	2019	2020	2021	2022
CRB0100180	Install H-Pile Driving Frame @ East Abut - Bridge No. 442	01938 - 5-5	2	1	1	Apr-10-18	Apr-11-18	-10	50%							
CRB0100185	Drive 2-Ea Dynamic Test H-Piles @ East Abutment - Bridge No. 442	01938 - 5-5	1	0	1	Apr-12-18	Apr-12-18	-10	0%							
CRB0100190	Rev & App Dynamic Test H-Pile Results @ East Abutment - Bridge No. 442	01938 - 5-5	1	0	1	Apr-13-18	Apr-13-18	-10	0%							
CRB0100195	Drive 27-Ea Production H-Piles @ East Abutment - Bridge No. 442	01938 - 5-5	8	0	8	Apr-16-18	Apr-25-18	-10	0%							
CRB0100200	Remove H-Pile Driving Frame @ East Abutment - Bridge No. 442	01938 - 5-5	1	0	1	Apr-26-18	Apr-26-18	-10	0%							
CRB0100205	Cut 29-Ea H-Piles @ East Abutment - Bridge No. 442	01938 - 5-5	2	0	2	Apr-27-18	Apr-30-18	-10	0%							
CRB0100210	Weld L-bars to H-Piles @ East Abutment - Bridge No. 442	01938 - 5-5	5	0	5	May-01-18	May-07-18	-10	0%							
CRB0100215	FRP East Abutment Footing - Bridge No. 442	01938 - 5-5	5	0	5	May-08-18	May-14-18	-10	0%							
CRB0100220	Cure, Strip, & Backfill East Abutment Footing - Bridge No. 442	01938 - 5-5	5	0	5	May-15-18	May-21-18	-14	0%							
CRB0100225	FRP NE Abutment Stem - Bridge No. 442	01938 - 5-5	6	0	6	May-22-18	May-30-18	-10	0%							
CRB0100230	Cure & Strip NE Abutment Stem - Bridge No. 442	01938 - 5-5	7	0	7	May-31-18	Jun-06-18	-15	0%							
CRB0100235	FRP SE Abutment Stem - Bridge No. 442	01938 - 5-5	6	0	6	Jun-07-18	Jun-14-18	-10	0%							
CRB0100240	Cure & Strip SE Abutment Stem - Bridge No. 442	01938 - 5-5	7	0	7	Jun-15-18	Jun-21-18	-14	0%							
CRB0100465	Drill & Grout Bearing Anchor Bolts @ Abutments - Bridge No. 442	01938 - 5-5	2	0	2	Jun-22-18	Jun-25-18	-10	0%							
CRB0100470	Drill & Grout Bearing Anchor Bolts @ Piers No. 2 - Bridge No. 442	01938 - 5-5	4	0	4	Jun-26-18	Jun-29-18	-10	0%							
CRB0100475	Install All Bridge Bearings & Sole Plates - Bridge No. 442	01938 - 5-5	4	0	4	Jun-30-18	Jun-30-18	-4	0%							
CRB0100480	Detour Route 146 NB & SB Traffic for Superstructure Erection - Route 146	01938 - 5-5	2	0	2	Jun-30-18	Jul-01-18	-4	0%							
CRB0100485	Erect & Field Splice Bridge Girders - Bridge No. 442	01938 - 5-5	1	0	1	Jul-01-18	Jul-01-18	-4	0%							
CRB0100490	Remove Erection Detour - Route 146	01938 - 5-5	1	0	1	Jul-01-18	Jul-01-18	-4	0%							
CRB0100500	Install End, Intermediate, & Pier Diaphragms - Bridge No. 442	01938 - 5-5	8	0	8	Jul-02-18	Jul-12-18	-9	0%							
CRB0100505	Install Deck Overhang Brackets - Bridge No. 442	01938 - 5-5	8	0	8	Jul-13-18	Jul-24-18	-9	0%							
CRB0100507	Install Deck Overhang Forms - Bridge No. 442	01938 - 5-5	12	0	12	Jul-25-18	Aug-09-18	-9	0%							
CRB0100520	Install Bottom Mat of Retain - Bridge No. 442	01938 - 5-5	10	0	10	Aug-10-18	Aug-24-18	-9	0%							
CRB0100530	Install Top Mat of Retain w/ Ship Seal HW - Bridge No. 442	01938 - 5-5	10	0	10	Aug-27-18	Sep-10-18	-9	0%							
CRB0100535	Seal Gamaco Machine & Dry Run for Deck Pour - Bridge No. 442	01938 - 5-5	2	0	2	Sep-11-18	Sep-12-18	-9	0%							
CRB0100540	Pour Bridge Deck (Sections 1) - Bridge No. 442	01938 - 5-5	1	0	1	Sep-14-18	Sep-14-18	-9	0%							
CRB0100545	72 Hour Cure Between Deck Pours - Bridge No. 442	01938 - 5-5	3	0	3	Sep-15-18	Sep-17-18	-14	0%							
CRB0100550	Pour Bridge Deck (Section No. 2) - Bridge No. 442	01938 - 5-5	1	0	1	Sep-18-18	Sep-18-18	-10	0%							
CRB0100555	Wet Cure Bridge Deck - Bridge No. 442	01938 - 5-5	14	0	14	Sep-19-18	Oct-02-18	-14	0%							
CRB0100560	Install Bridge Curb - Bridge No. 442	01938 - 5-5	2	0	2	Oct-03-18	Oct-04-18	-10	0%							
CRB0100565	FRP Bridge Deck Sidewalks - Bridge No. 442	01938 - 5-5	10	0	10	Oct-05-18	Oct-10-18	-10	0%							
CRB0100570	Cure & Strip Bridge Deck Sidewalks - Bridge No. 442	01938 - 5-5	5	0	5	Oct-10-18	Oct-24-18	-15	0%							
CRB0100575	Install 4 Bar Bridge Rail - Bridge No. 442	01938 - 5-5	6	0	6	Oct-25-18	Nov-01-18	-11	0%							
CRB0100580	Install Type 1 Protective Screen - Bridge No. 442	01938 - 5-5	6	0	6	Nov-02-18	Nov-09-18	-11	0%							
CRB0100585	Install Cold Applied Waterproofing Membrane - Bridge No. 442	01938 - 5-5	1	0	1	Nov-13-18	Nov-13-18	-11	0%							
CRB0100750	Required 14 Day Pavement Curing Period - Bridge No. 442	01938 - 5-5	14	0	14	Nov-14-18	Nov-28-18	-16	0%							
CRB0100755	Install Epoxy Pavement Markings & Symbols - Bridge No. 442	01938 - 5-5	3	0	3	Nov-29-18	Dec-03-18	-11	0%							
CRB0100040	Incentive Completion Milestone - Woonsocket Hill Br (November 15, 2018)	01938 - 5-5	0	0	0	Dec-03-18	Dec-03-18	-18	0%							

No Float Path

- Remaining Level of Effort
- Actual Level of Effort
- Remaining Work
- Critical Remaining Work
- Milestone



Layout: SEAN'S WBS Update Layout Route 146 Corr

Date: Apr-11-18

Prepared by: CARDI CORPORATION

Date: _____

Revision: _____

Checked: _____

Approved: _____



400 LINCOLN AVE ♦ WARWICK, R.I. 02888 ♦ 401-739-8300

DATE OF NOTICE: 03/30/18

DATE OF EVENT: 3/30/2018

PROJECT NAME: Improvements to Route 146 Corridor Bridges

OWNER PROJECT #: 2017-CB-071

CARDI PROJECT #: 1208

NOTICE OF CLAIM REPORT

ADD'L REFERENCES: N/A

NOTICE OF POTENTIAL CLAIM

Please accept this notice of the acts, omissions, discoveries or events (hereinafter "Event") described below. In the event that Cardi incurs additional costs or delays as a result of this Event and does not receive any additional compensation or extensions of contract time as may be appropriate, Cardi will seek additional compensation and/or time extensions in accordance with applicable procedures. Cardi further reserves all rights to supplement, modify or withdraw this notice in accordance with further project events and applicable contract and/or other requirements.

EVENT TYPE:



EXTRA WORK



DIFFERING SITE CONDITIONS



DELAY-SUSPENSION-INTERFERENCE-ACCELERATION



OTHER



ACCESS OR TIME RESTRICTION



CHANGE OR ERROR IN PLANS OR SPECS

DESCRIPTION / SPECIFIC LOCATION / CAUSATION:

The Department did not include any advanced utility work in the contract and the existing utility poles on Woonsocket Hill Road at Stations 7+35RT and 9+57RT are in direct conflict with Bridge 442 structural excavation on both the east and west bridge abutments and the driving of piles on the east abutment.

IMPACT OF EVENT (ON TIME, PERFORMANCE, MEANS-METHODS, COST):

The existing utility poles being in direct conflict with our work causes a negative impact to our schedule, specifically starting with the structural excavation at the east abutment of Bridge 442, which shows in our approved baseline schedule to commence on March 22, 2018. This impact then drives all the activities relating to the reconstruction of the east abutment. This delay is currently negatively affecting our substantial completion date of Woonsocket Hill Bridge No. 442 (December 15, 2018; JS-8) and the incentive/disincentive that relates to this substantial completion date. Once the utilities are completely relocated, the extent of this delay damage will be further analyzed as to cost and time impact and further information will be forwarded to RIDOT.

☐ Additional References Attached

Copies of this notice were delivered this date:

to RESIDENT ENGINEER <u>Mike Moschetti</u>	By	<input type="checkbox"/> HAND	<input checked="" type="checkbox"/> EMAIL	<input type="checkbox"/> FAX	<input type="checkbox"/> TMAIL
to <u>Steve Soderlund</u>	by	<input type="checkbox"/> HAND	<input checked="" type="checkbox"/> EMAIL	<input type="checkbox"/> FAX	<input type="checkbox"/> TMAIL
to <u>Robbens Innocent</u>	by	<input type="checkbox"/> HAND	<input checked="" type="checkbox"/> EMAIL	<input type="checkbox"/> FAX	<input type="checkbox"/> TMAIL
to _____	by	<input type="checkbox"/> HAND	<input type="checkbox"/> EMAIL	<input type="checkbox"/> FAX	<input type="checkbox"/> TMAIL
to _____	by	<input type="checkbox"/> HAND	<input type="checkbox"/> EMAIL	<input type="checkbox"/> FAX	<input type="checkbox"/> TMAIL
Date: <u>3/30/18</u>	Signed:	Contractor's Representative			

PTSID 0013L

Date: 09/13/17
RIC No: 2017-CB-071

JOB SPECIFICS

CODE: 108.1000

PROSECUTION AND PROGRESS

DESCRIPTION: In accordance with Section 108.02; **FAILURE TO COMPLETE ON TIME**, Para. a., Phased Completion, Interim Completion and Substantial Completion, the following defines the Interim and Substantial Completion Dates and Associated Liquidated Damages:

Substantial Completion (Woonsocket Hill Bridge): December 15, 2018.

All Contract work shall be completed, as defined by Section 101.71.

Liquidated Damages: \$5,000 Per Calendar day.

JOB SPECIFIC

CODE: 108.11

INCENTIVES AND DISINCENTIVES

DESCRIPTION: The payment provisions set forth elsewhere in the Contract are supplemented by the terms of this Special Provision.

SUBSTANTIAL COMPLETION DATE #1:

A monetary incentive or disincentive will be applied to the following interim completion duration according to the terms herein:

Substantial Completion Date #1 (hereafter referred to as "SCD #1"): as defined in Code 108.1000 Prosecution and Progress, shall be completed.

INCENTIVE AND DISINCENTIVE ASSESSMENT:

Incentive (positive assessment): For each day that the defined work is completed prior to SCD #1, an incentive equal to the sum of \$5,000.00 per calendar day up to a maximum of any days will be added to any monies due the Contractor. This incentive will be calculated from SCD #1 up to the actual completion time of the defined work.

Disincentive (negative assessment): Correspondingly, for each day that defined work remains incomplete after SCD #1, a disincentive equal to the sum of \$5,000.00 per calendar day will be deducted from any monies due the Contractor. This disincentive will be calculated from SCD #1 up to the actual completion time of the defined work.

In no case shall the incentive be greater than \$150,000.00 for SCD #1. There will be no limit to the total disincentive for the contract.

The disincentive amounts are assessed not as a penalty but as liquidated and ascertained damages based upon a percentage of road user costs for the time extending the SCD #1 beyond the specified date and time. The disincentive is for the purpose of recovering the road user costs resulting from delays to the Project. The Contractor should assume that disincentive assessments would commence at the specified completion date and time of from delays to the Project. The Contractor should assume that disincentive assessments would commence at the specified completion date and time of the SCD #1.

For purposes of determining whether the Contractor shall receive an Incentive Payment, the dates and times set forth in this specification will not be adjusted under any circumstance for any reason, cause, or circumstance whatsoever, regardless of fault. Should the Contractor be delayed in the commencement, prosecution, or completion of the work in SCD #1 for any reason, there shall be no revision of the Incentive Assessment calculation date and time or the Disincentive Assessment calculation date and time notwithstanding that there may be granted an extension of time for Work outside the SCD #1 in the Contract. Failure of the Contractor to complete the required work within the SCD #1 shall release and discharge the State, tire Department, and all of its officers, agents, and employees from all claims and demands for the payment of any incentive amount of damages arising from the refusal to pay any incentive amount.

Incentive Payment, if due the Contractor, will be made following acceptance of the project by the Engineer as substantial completion.

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Disincentive assessment will be deducted from monies due or to become due the Contractor upon determination by the Engineer that a Disincentive assessment is warranted. Any Disincentive assessed in accordance with this Special Provision shall be separate from and in addition to charges assessed in accordance with Subsection 937.05.02 and Code 937.1000.

specific times in accordance with the restrictions defined in the Transportation Management Plan (TMP).

Contract Completion Dates:

All work of this contract is to be substantially complete by May 1, 2019.

- A. Work within the roadway shall be completed in accordance with the Traffic-Related Work Restrictions indicated in the Transportation Management Plan.
- B. One week prior to the Pre-Construction conference, the Contractor must submit to the Department for approval a detailed construction work sequence and time schedule in accordance with Section 12.108.03 of the latest revisions of the Rhode Island Procurement Regulations for the completion of all work associated with this Contract and the requirements it contains. Approval of the work sequence and time schedule is required before the start of any construction or other work associated with the contract. The proposed construction and time schedule must consider and address the safe vehicle and pedestrian passage through the Project.
- C. During the pavement removal operations, no over breakage into the operational travel lanes will be allowed.
- D. The Contractor shall plan his work such that at the end of each working day all of the pavement removal and/or paving operation shall be squared off from one edge of pavement to the other edge of pavement.
- E. The Contractor shall schedule pavement removal such that no location within the limits of the project over which traffic flow is to be maintained shall remain without the surface course for longer than 10 working days, unless otherwise approved in writing by the Engineer.
- F. Any deviations from the requirements stated here or detailed in the reference drawings, as well as any deviations from the approved construction work sequence and time schedule must be submitted to the Engineer in writing for approval.

7. MAINTENANCE AND MOVEMENT OF TRAFFIC:

Approval of the work sequence and time schedule is required before the start of any construction or other work associated with this contract. The proposed construction and time schedule must consider and address the safe vehicle passage through the project.

In addition to the requirements of the Standard Specifications for Road and Bridge Construction and the Special Requirements of other sections of these contract documents, the Contractor must adhere to the following requirements;

The Contractor is advised that the signs and other traffic control devices shown on the Plans are minimum requirements, and it is the Contractor's responsibility to supplement these if necessary

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Fw: 2017-CB-071 TE - Milestone Completion

Pezzullo, Jon (DOT)

Thu 4/4/2019 8:59 PM

To: Moschetti, Michael (DOT) <michael.moschetti@dot.ri.gov>; Innocent, Robens (DOT) <Robens.Innocent@dot.ri.gov>;
Soderlund, Steven (DOT) <steven.soderlund@dot.ri.gov>;

Cc: Ferguson, Brian (DOT) <brian.ferguson@dot.ri.gov>, Pezzullo, Jon (DOT) <jon.pezzullo@dot.ri.gov>;

3 attachments (209 KB)

2017-CB-071 CS pages Substantial Completion 5.1.19.pdf; 2017-CB-071 JS pages Milestone Date 12.15.18 and Incentive.pdf;
2017-CB-071 TE Milestone Completion Date.docx

Hello Mike, Robens, and Steve,

Attachment #3 for your review, thoughts, comments, and suggestions is language for the TE/Milestone date revision based on previous discussions and emails.

Thanks,

Jon

PTS1D 00136

This e-mail and any files transmitted with it are confidential. If you receive this e-mail in error, please do not print, copy, retransmit, or use the information contained herein. Please notify the sender immediately by e-mail if you have received this e-mail in error. Delete all copies of this e-mail and any attachments.

From: Soderlund, Steven (DOT)
Sent: Thursday, January 10, 2019 8:57 AM
To: Innocent, Robens (DOT) <robens.innocent@dot.ri.gov>
Subject: 146 Time Extension and Incentive ROC Language

Rob,

We should proceed with two change orders for the incentive.

- First:
 - We need Mike to submit a ROC amending Spec section 108.11. The wording should be something like
 - In response to Cardi's 4/13/18 correspondence requesting an 18-day delay towards the incentive milestone outlined in the contract. The Department agrees that Cardi was delayed by the work related to relocating two utility poles on either side of the bridge, which prevented pile driving activities. This delay directly affected Cardi's ability to achieve Substantial Completion Date #1 (SCD#1) as outlined in the JS - Page # 9 and 108.11 (December 15th, 2018 to open Woonsocket Hill Road). The Department offers to grant a time extension for SCD#1 to January 2nd, 2019, 18 days after the date in the contract to account for this delay. The incentive and disincentive amounts will remain as outlined in the contract.
- Second
 - Mike should then submit a ROC noting that Cardi hit substantial completion when they did in November, the 22nd I think, and that they are due the full \$150,000.00 as outlined in revised section 108.11 of the JS pages.

I think that should settle everything.

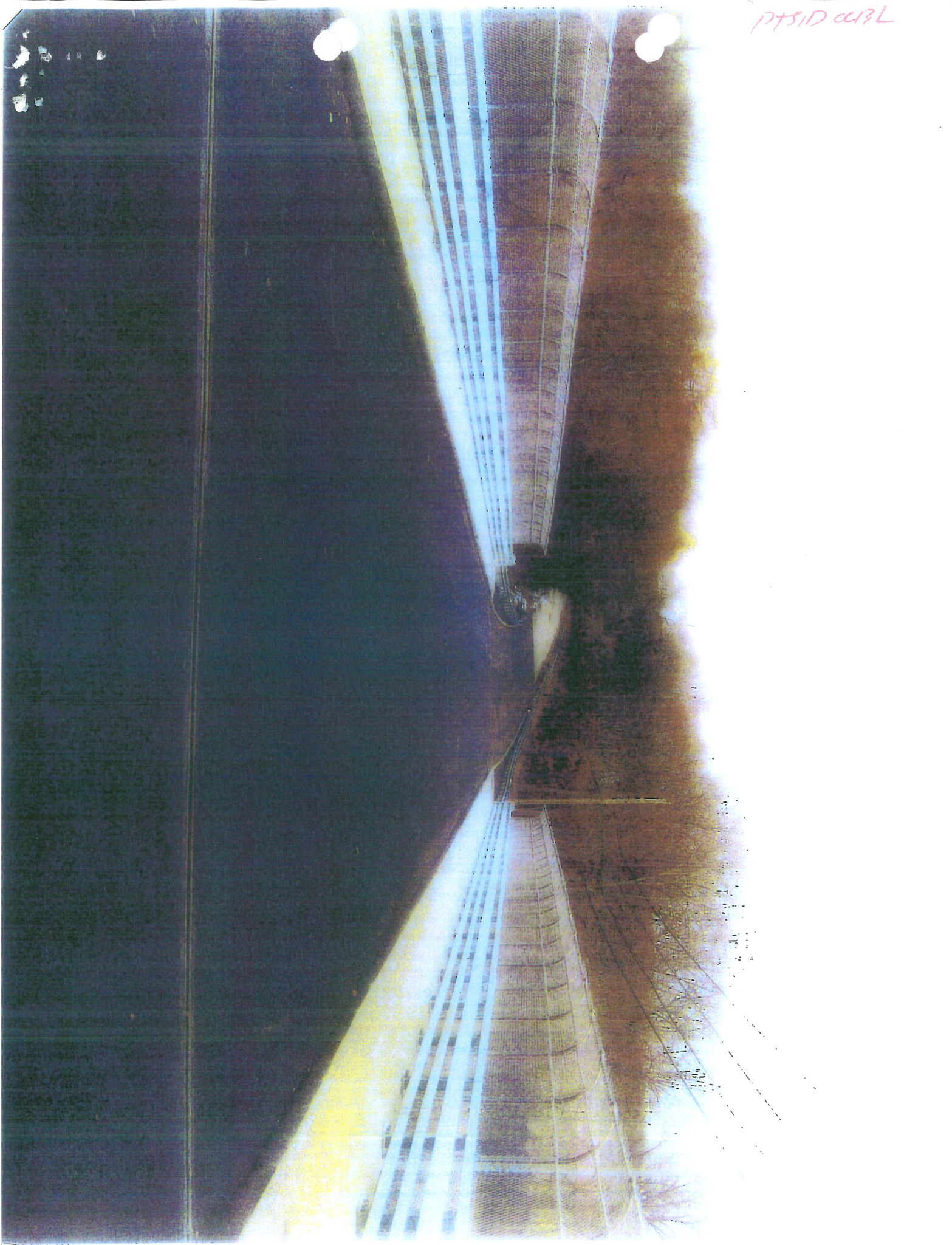
Thanks,

Steve Soderlund, P.E., PMP
Project Manager
Division of Project Management
Rt. Department of Transportation
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Providence, Rhode Island 02903
P: 401-541-5979
F: 401-563-4217
E: steven.soderlund@dot.ri.gov



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WOONSUCKET HILL BRIDGE



RIDOT RIBBON CUTTING 11/29/18