

May 3, 2013

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION
DEPARTMENT OF TRANSPORTATION
RHODE ISLAND CONTRACT NO.2013-CH-009
FEDERAL-AID PROJECT NO. FAP Nos: STP-RESF(254), STP-TEA3-055

1R Improvements to Elmwood Avenue (C-3)

Elmwood Avenue from Cadillac Drive to Trinity Square and Broad Street from Trinity Square to Service Road No. 7

CITY/TOWN OF Providence

COUNTY OF PROVIDENCE

NOTICE TO PROSPECTIVE BIDDERS

ADDENDUM NO. 4 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. Contract Documents

1. General Provisions – Contract Specific

a. Index Pages CS-ii (R-1)

Remove Index Page CS-ii (R-1) in its entirety and replace it with revised Index Page CS-ii (R-2) attached to this Addendum No. 4. The Index has been updated.

b. Page CS-12

Insert new Page CS-12 attached to this Addendum No. 4. New Paragraph 34, "Coordination with City of Providence Traffic Engineering," has been added.

2. Specifications -- Job Specific

a. Index Pages JS-i (R-1) and JS-ii (R-1)

Remove Index Pages JS-i (R-1) and JS-ii (R-1) in their entirety and replace them with revised Index Pages JS-i (R-2) and JS-ii (R-2) attached to this Addendum No. 4. The Index has been updated.

b. Page JS-20b through JS-20f

Remove Page JS-20b in its entirety and replace it with revised Page JS-20b (R-1) and insert new Pages JS-20c through JS-20f attached to this Addendum No. 4. A new specification, Section 601 "Portland Cement Concrete," has been added.

c. Page JS-20g

Insert new Page JS-20g attached to this Addendum No. 4. The page number for specifications, Section 702.0541 "Granite Inlet Stone 38" Standard 7.3.6," Section 906.0100 "Slope Faced Granite Curb- Quarry Split Straight, Standard 7.4.0," Section 906.0101 "Slope Faced Granite Curb- Quarry Split Circular Standard 7.4.0," Section 906.0120 "Granite Wheelchair Ramp Curb Standards 7.3.3, 43.3.0, and 43.3.1," and Section 906.0700 "Remove, Handle, Haul, Trim, Reset Curb Edging, Straight, Circular, All Types" have been updated.

B. Plans

1. Sheet 10 (R-1) – Miscellaneous Details No. 2

Remove Sheet 10 (R-1) in its entirety and replace it with revised Sheet 10 (R-2) attached to this Addendum No. 4. Both the Typical Curb Installation Detail and the Driveway Removal Detail have been revised to indicate Class A Portland Cement Concrete for the curb lock.

2. Sheet 11 (R-1) – Miscellaneous Details No. 3

Remove Sheet 11 (R-1) in its entirety and replace it with revised Sheet 11 (R-2) attached to this Addendum No. 4. Both the Integrally Colored and Stamped Portland Cement Concrete Island Detail and the Cast-In-Place Concrete Curb at Manhole Detail have been revised to indicate Class A Portland Cement Concrete for the curb lock.

3. Sheet 123 (R-1) – Landscape Details

Remove Sheet 123 (R-1) in its entirety and replace it with revised Sheet 123 (R-2) attached to this Addendum No. 4. The Curb Extensions Installation Detail has been revised to indicate Class A Portland Cement Concrete for the curb lock.

C. Distribution of Quantities

1. Index Pages 1 (R-1) through 5 (R-1)

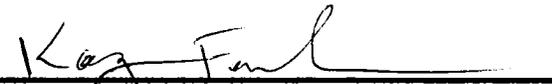
Remove Index Pages 1 (R-1) through 5 (R-1) in their entirety and replace them with revised Index Pages 1 (R-2) through 5 (R-2) attached to this Addendum No. 4. The Table of Contents has been updated.

2. Pages 61 (R-1) through 65 (R-1)

Remove Pages 61 (R-1) through 65 (R-1) in their entirety and replace them with revised Pages 61 (R-2) through 65 (R-2) attached to this Addendum No. 4. Item Code 601.0200, Class XX Portland Cement Concrete, has been deleted.

3. Page 263

Remove Page 263 in its entirety and replace it with revised Page 263 (R-1) and insert new Page 264 attached to this Addendum No. 4. New Item Code 601.0300, Class A Portland Cement Concrete, has been added.



RI Department of Transportation
Chief Engineer

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34.	Coordination with City of Providence Traffic Engineering	CS-12

34. COORDINATION WITH CITY OF PROVIDENCE TRAFFIC ENGINEERING

So as to avoid conflicts with other work taking place in the area (See CS Paragraph 18, "Coordination with Other Contractors"), as well as with any local, private, municipal, or other events that could be impacted by a reduction in available travel or parking lanes, the Contractor shall notify the City of Providence of any scheduled travel or parking lane closures at least forty-eight (48) hours (a minimum of 2 working days) prior to any travel or parking lane closures. The contact person at the City is:

Mr. Leo Perotta
Providence Traffic Engineering
Phone: 401-781-4045

This requirement applies to each individual lane closure, which is defined as the period from the time a lane is closed until the time the lane is reopened to traffic.

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CODE 601
PORTLAND CEMENT CONCRETE

Delete subsections 601.03.7b-h in its entirety and replace it with the following:

B. Engineer's Acceptance Sampling, Testing and Inspection.

The Engineer is responsible for sampling, testing, and inspection for acceptance, except for furnishing of necessary materials, which shall be the Contractor's responsibility as directed by the Engineer and at no additional cost to the State. Acceptance is based on the Engineer's inspection of the construction, monitoring of the Contractor's quality control program, and the acceptance test results.

The Contractor shall afford the Engineer all reasonable access without charge.

Samples of fresh concrete for testing will be taken after all concrete retempering is performed. When sampling from within the forms is impractical, samples will be taken at the nearest accessible point in the conveyance system prior to placement into the forms.

Acceptance sampling and testing shall meet the requirements of the Contract and the "Master Schedule for the Preparation of a Project Schedule for Sampling, Testing, and Certification of Materials.

Whenever random samples do not meet specifications subsequent continuous samples will be taken from each truck batch until field test results indicate that specifications are satisfied, after which time random sampling will resume.

Compressive strength test specimens will be standard 4"x 8" cylinders for all placements unless otherwise modified by the Engineer.

C. Engineer's Acceptance Plan.

The following is the acceptance plan necessary to obtain samples, perform tests and provide inspection of the work. The terms used in this acceptance plan are defined as follows:

1. Acceptance Plan. The method of taking and making measurements on a sample, for the purpose of determining the acceptability of a Placement of material or construction.

2. Lot. An isolated quantity of material from a single source or a measured amount of construction produced by the same process. For Placements less than 750 cubic yards the Lot shall be 150 cubic yards or less. For Placements of 750 cubic yards or greater the Lot shall be 250 cubic yards or less.

3. Sublot. Equal divisions or portions of a Lot as defined herein.

Sublots for placements will be determined as follows:

a) The total cubic yards for the placement will be divided by 150 for placements less than 750 cubic yards and 250 for placements greater than or equal to 750 cubic yards.

b) The result will then be rounded up to the next whole number. This number is the number of Lots in the placement.

c) The total cubic yards for the placement in (a) will be divided by the number in (b) to determine LOT size.

d) Each Lot size will be calculated by rounding to the nearest 10 CY (one truck / load). The total CY for all the Lots shall equal the placement.

4. Random Sample. A sample chosen in such a manner that each increment in the Lot has an equal probability of being selected. The Engineer reserves the right to take more samples, in addition to those samples taken in accordance with the random sampling plan.

5. Acceptance. As defined in Table 5 - Placement Acceptance Schedule.

6. Rejection. When used in this context "rejection" shall mean remove, dispose and replace at the Contractor's expense, or at the discretion of the Engineer "rejection" will mean acceptance at a lower price determined by Pay Factors, as specified herein.

D. Twenty Eight (28)-Day Concrete Compressive Strength.

For a given class of concrete, the portions of a concrete structure constructed during one continuous concrete operation shall be called the placement.

E. Evaluation.

Acceptance for compressive strength will be evaluated relative to compliance with the minimum 28-day compressive strength (f_c) shown on the Plans for each class of concrete produced in accordance with TABLE 5 - Placement Acceptance Schedule. Acceptance for Class MC will be based on 56 day compressive strength test.

Three cylinders randomly selected from each set of 4 or 6 cylinders will be tested for 28-day or 56 day compressive strengths.

F. Case A: Single Lot Placement.

The average 28-day compressive strength (56 day –Class MC) of 3 cylinders selected from a set of 4 or 6 cylinders and the Range, the difference between the largest and the smallest test result, will be used to calculate the acceptance of the Placement. The following formula will be used to calculate the Placement Acceptance Test Result (PATR). The Engineer reserves the right to use Formula – B for any Lot size when more than one set of 3 cylinders are tested.

Formula - A

$$PATR = \bar{X} = \frac{X1+X2+X3}{3}$$

$$RANGE (R) = X_{(largest)} - X_{(smallest)}$$

Symbols

X= individual test value which is the 28-day compressive strength of each cylinder tested (56 day –Class MC).

\bar{X} = the mean (average) 28-day compressive strength of a set of 3 cylinders (56 day – Class MC).

R= (Range), the difference between the largest and smallest 28-day compressive strength test result (56 day –Class MC).

PATR= Placement acceptance test result.

G. Case B: Multiple Lot Placements.

For multiple Lot placements 3 cylinders from each set of 6 cylinders from each Lot shall be tested for 28-day compressive strength (56 day –Class MC). The mean value of the sum of the average compressive strengths and the mean value of the sum of the Ranges will be used to calculate the acceptance of the Placement. The following formula will be used to calculate the Placement Acceptance Test Result (PATR).

Formula – B

$$PATR = \bar{X} = \frac{\bar{X}1 + \bar{X}2 + \dots + \bar{X}_n}{n}$$

$$\bar{R} = \frac{R1 + R2 + \dots + Rn}{n}$$

Symbols

\bar{X} = the mean (average) 28-day compressive strength of a set of 3 cylinders for each Lot (56 day –Class MC).

\bar{X} = the mean (average) of the sum of the average 28-day compressive strength test result of each Lot (56 day –Class MC).

\bar{R} = the average of the sum of the Ranges (R) for each Lot.

n = number of sets.

Concrete will be evaluated for acceptance in accordance with Table 5 - Placement Acceptance Schedule, on the basis of the calculated Placement Acceptance Test Results (PATR).

**Table 5
 Placement Acceptance Schedule**

Placement Acceptance Test Result (PATR)	Pay Factor
\bar{X} or \bar{X}	(PPF)
Not less than $f'c + 0.21 \bar{R}$ (or R)	1.00
Not less than $f'c + 0.04 \bar{R}$ (or R)	0.95
Not less than $f'c - 0.10 \bar{R}$ (or R)	0.70
For less than $f'c - 0.10 \bar{R}$ (or R)	0.50

1. $f'c$ is the 28-day compressive strength (56 day –Class MC) specified on the Plans.
2. Range \bar{R} (or R) is the difference between the results of the largest and smallest Lot acceptance test results.

Acceptance of the Placement at the 0.95 Placement Pay Factor (PPF) in lieu of remove, dispose and replacement of the Placement will be at the request of the Contractor and approval by the Engineer.

Acceptance at the 0.70 or 0.50 Placement Pay Factor (PPF) in lieu of remove, dispose and replacement will be as determined by the Engineer on the basis of the effect of the defective Lot on the structural integrity of the concrete structure.

The Contractor may elect to remove and dispose any defective material and replace it with new material to avoid a pay factor of less than 1.00. Any such new material will be sampled, tested, and evaluated for acceptance in accordance with the applicable requirements of this **SECTION 601**.

The Engineer may reject any quantity of material which appears to be defective based on visual inspection or test results. Such rejected material shall not be used in the work and the results of the tests run on the rejected material will not be included in the calculation of the Placement Acceptance Test Results.

Delete subsection **601.05 BASIS OF PAYMENT** in its entirety and replace it with the following:

601.05 BASIS OF PAYMENT. "Portland Cement Concrete," complete in place and fully accepted, will be paid for as provided in the Specifications. These payments shall constitute full compensation for furnishing all labor, materials, equipment, tools, and incidentals to produce, place, and protect the concrete as herein specified, in addition to any requirements in the Specifications for the particular use, except that a reduction in payment will be made for each Placement of concrete not fully accepted. This reduction in payment for each Placement will be based on the following:

Case 1: For concrete for which a unit price is provided in the Proposal:

$$\text{Unit price reduction} = (1.00 - \text{PPF}) \times \text{the unit bid price in the Proposal}$$

Case 2: For concrete which is paid for as part of a lump sum item or lump sum items as listed in the Proposal:

1. $(1.00 - \text{PPF}) \times$ the price of the various items of concrete per cubic yard as provided in the approved Contractor's Lump Sum Breakdown

Where:

PPF is the pay factor determined in **Subsection 601.03.7 f-g**, except that for Class MC concrete, the f'c shall be the 56-day compressive strength

**702.0541
GRANITE INLET STONE 38" STANDARD 7.3.6**

**906.0100
SLOPE FACED GRANITE CURB -QUARRY SPLIT STRAIGHT STANDARD 7.4.0**

**906.0101
SLOPE FACED GRANITE CURB -QUARRY SPLIT CIRCULAR STANDARD 7.4.0**

**906.0120
GRANITE WHEELCHAIR RAMP CURB STANDARDS 7.3.3, 43.3.0 AND 43.3.1**

**906.0700
REMOVE, HANDLE, HAUL TRIM RESET CURB EDGING, STRAIGHT, CIRCULAR
ALL TYPES**

Revise **Section 906 - Curbing for Roadways**, on pages AC-100 and AC-101 of the Compilation of Approved Specifications, dated 01/24/2011 as follows:

! **Revise the third and fourth paragraphs of Subsection 906.05.1 Granite Curbing as follows:**

The prices so-stated constitute full and complete compensation for all labor, materials and equipment, including removal and disposal of existing pavement structure, excavation, joints, gravel borrow subbase course including compaction and trimming and fine grading unless otherwise noted, backfilling, compacting, and all other incidentals required to finish the work, complete and accepted by the Engineer.

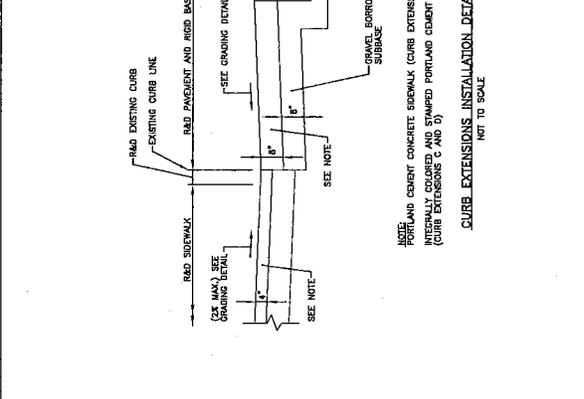
The following work will be paid for separately under appropriate work items: sawcutting of existing pavements, both rigid and flexible, and sidewalks; the removal and disposal of sidewalks, replacement concrete base, sidewalk and temporary bituminous pavement.

! **Revise the second paragraph of Subsection 906.05.5 Remove, Handle, Haul, Trim and Reset Curbing and Edging, Straight and/or Circular, All Types.**

Saw cutting of existing pavements, both rigid and flexible, and sidewalks; the removal and disposal of sidewalks, replacement concrete base, sidewalk and temporary bituminous pavement, and the removal of paint from existing granite curb will be paid separately under appropriate work items.

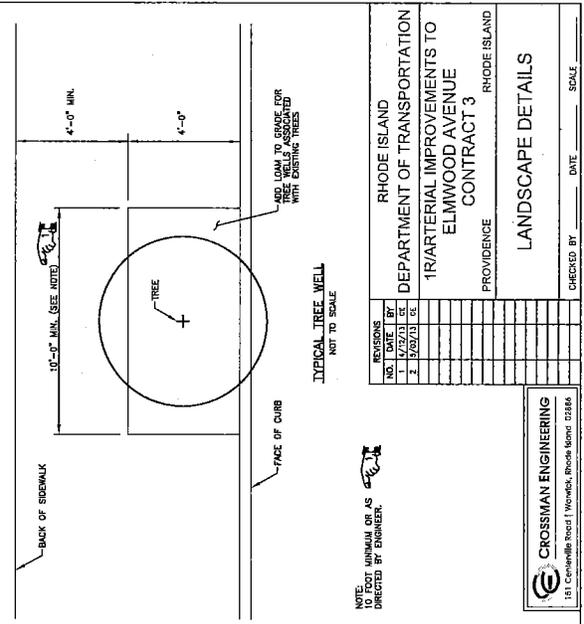
DATE	REV.	BY	DESCRIPTION
2/13/13	1	RI	

R-2



NOTE: PORTLAND CEMENT SIDEWALK (CURB EXTENSIONS A AND B) INTERNALLY COLORED AND STAMPED PORTLAND CEMENT CONCRETE - BRICK PATTERN (CURB EXTENSIONS C AND D)

CURB EXTENSIONS INSTALLATION DETAIL
NOT TO SCALE



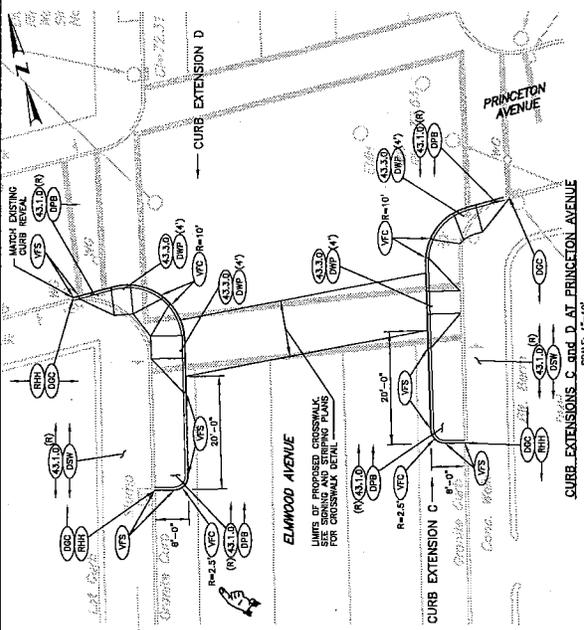
NOTE: 10 FOOT MINIMUM OR AS DIRECTED BY ENGINEER.

REVISIONS	BY	DATE	DESCRIPTION
1	1/12/13	CE	
2	2/02/13	CE	

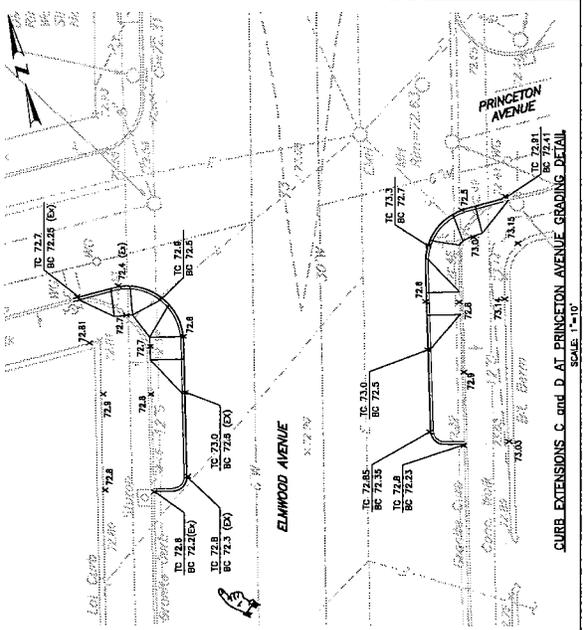
RHODE ISLAND
DEPARTMENT OF TRANSPORTATION
1/4 ARTERIAL IMPROVEMENTS TO
ELMWOOD AVENUE
CONTRACT 3
PROVIDENCE
RHODE ISLAND



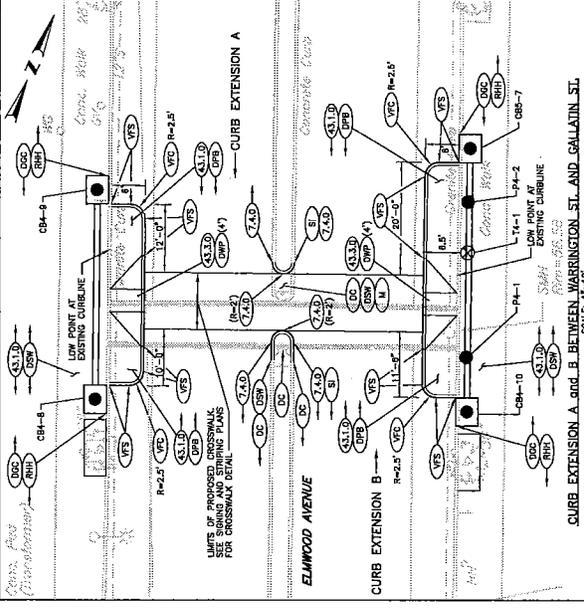
LANDSCAPE DETAILS
CHECKED BY _____ DATE _____ SCALE 013R2L_V1_133_LANDSCAPE_DETAILS



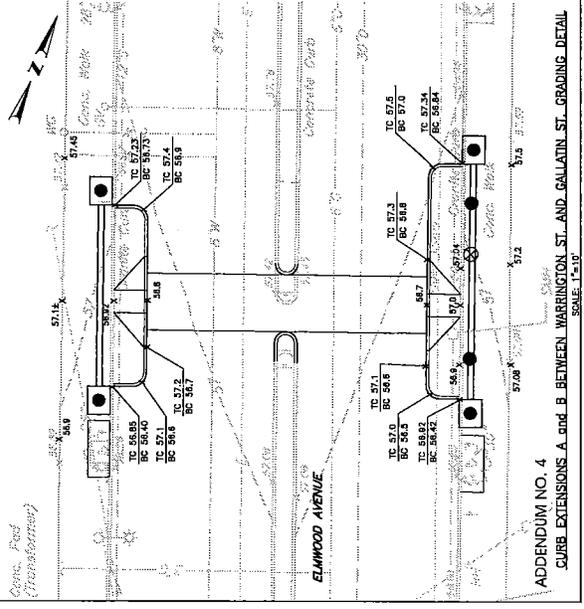
CURB EXTENSIONS C and D AT PRINCETON AVENUE
SCALE: 1"=10'



CURB EXTENSIONS C and D AT PRINCETON AVENUE GRADING DETAIL
SCALE: 1"=10'



CURB EXTENSION A and B BETWEEN WARRINGTON ST. AND GALLATIN ST.
SCALE: 1"=10'



APPENDUM NO. 4
CURB EXTENSIONS A and B BETWEEN WARRINGTON ST. AND GALLATIN ST. GRADING DETAIL
SCALE: 1"=10'

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Estimate Name - Current-Addendum 4

R.I. Contract No. - 2013-CH-009

FAP Nos: STP-RESF(254), STP-TEA3-055

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Cont.		
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027	410.1000	Cont.				
		87+75 LT TO 88+37 LT		1.00	0005	01
		87+75 LT TO 92+75 LT		17.00	0005	01
		87+75 RT TO 88+37 RT		2.00	0005	01
		87+75 RT TO 92+75 RT		22.00	0005	01
		87+75 TO 88+27		2.00	0005	01
		88+66 RT TO 90+86 RT		3.00	0005	01
		88+67 LT TO 90+58 LT		1.00	0005	01
		88+77 TO 91+09		7.00	0005	01
		90+42 LT TO 91+29 LT		1.00	0005	01
		90+81 LT TO 92+75 LT		3.00	0005	01
		91+11 RT TO 92+75 RT		2.00	0005	01
		91+62 TO 92+75		4.00	0005	01
		92+75 LT TO 94+54 LT		2.00	0005	01
		92+75 LT TO 97+75 LT		21.00	0005	01
		92+75 RT TO 93+41 RT		1.00	0005	01
		92+75 RT TO 97+75 RT		20.00	0005	01
		92+75 TO 93+23		2.00	0005	01
		93+73 RT TO 95+96 RT		4.00	0005	01
		93+87 TO 95+80		6.00	0005	01
		94+77 LT TO 96+94 LT		4.00	0005	01
		96+31 RT TO 97+75 RT		3.00	0005	01
		97+19 LT TO 97+75 LT		1.00	0005	01
		97+75 LT TO 102+75 LT		21.00	0005	01
		97+75 LT TO 99+32 LT		3.00	0005	01
		97+75 RT TO 102+75 RT		7.00	0005	01
		97+76 RT TO 102+75 RT		21.00	0005	01
		99+56 LT TO 102+33 LT		5.00	0005	01
Item 410.1000 Total:				1,342.00		

028	601.0200	CLASS TX PORTLAND CEMENT CONCRETE	CF			
		ELMWOOD AVENUE				
		102+48 TO 103+22		6.00	0005	01
		102+63 LT TO 102+75 LT			0005	01

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
028	601.0200 Cont.	102+75 LT TO 104+30 LT			0005	01
		102+75 RT TO 107+10 RT			0005	01
		104+53 LT TO 107+10 LT			0005	01
		107+38 LT TO 107+75 LT			0005	01
		107+38 RT TO 107+75 RT			0005	01
		107+42 TO 107+53			0005	01
		107+75 LT TO 110+22 LT			0005	01
		107+75 RT TO 109+08 RT			0005	01
		109+46 RT TO 110+38 RT			0005	01
		110+44 LT TO 112+47 LT			0005	01
		110+66 RT TO 112+68 RT			0005	01
		112+69 LT TO 113+25 LT			0005	01
		112+93 RT TO 113+25 RT			0005	01
		113+25 LT TO 114+74 LT			0005	01
		113+25 RT TO 114+98 RT			0005	01
		114+97 LT TO 116+89 LT			0005	01
		115+18 RT TO 117+03 RT			0005	01
		117+03 LT TO 118+50 LT			0005	01
		117+25 RT TO 118+50 RT			0005	01
		118+50 LT TO 119+10 LT			0005	01
		118+50 RT TO 119+26 RT			0005	01
		119+25 LT TO 123+25 LT			0005	01
		119+49 RT TO 121+53 RT			0005	01
		121+75 RT TO 123+25 RT			0005	01
		123+25 LT TO 123+60 LT			0005	01
		123+25 RT TO 123+78 RT			0005	01
		123+85 LT TO 125+96 LT			0005	01
		124+01 RT TO 125+98 RT			0005	01
		126+18 LT TO 127+50 LT			0005	01
		126+18 RT TO 127+50 RT			0005	01
		127+50 LT TO 127+90 LT			0005	01
		127+50 RT TO 128+23 RT			0005	01
		128+13 LT TO 129+89 LT			0005	01

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
028	601.0200 Cont.	128+46 RT TO 130+70 RT			0005	01
		130+13 LT TO 131+85 LT			0005	01
		131+01 RT TO 132+50 RT			0005	01
		132+09 LT TO 132+50 LT			0005	01
		132+50 LT TO 133+97 LT			0005	01
		132+50 RT TO 132+86 RT			0005	01
		133+12 RT TO 137+50 RT			0005	01
		134+18 LT TO 136+55 LT			0005	01
		136+56 LT TO 137+50 LT			0005	01
		137+50 LT TO 138+25 LT			0005	01
		137+50 RT TO 138+25 RT			0005	01
		138+99 LT TO 142+75 LT			0005	01
		139+25 RT TO 142+75 RT			0005	01
		142+75 LT TO 143+72 LT			0005	01
		142+75 RT TO 143+25 RT			0005	01
		143+94 LT TO 147+25 LT			0005	01
		148+25 RT TO 150+25 RT			0005	01
		148+61 LT TO 150+08 LT			0005	01
		149+82 RT TO 150+21 RT			0005	01
		150+07 LT TO 151+71 LT			0005	01
		150+14 RT TO 153+86 RT			0005	01
		150+38 RT TO 150+53 RT			0005	01
		151+82 LT TO 153+86 LT			0005	01
		153+86 LT TO 159+50 LT			0005	01
		153+86 RT TO 155+57 RT			0005	01
		155+79 RT TO 158+08 RT			0005	01
		158+22 RT TO 159+50 RT			0005	01
		159+50 LT TO 164+82 LT			0005	01
		159+50 RT TO 160+53 RT			0005	01
		160+75 RT TO 163+09 RT			0005	01
		163+35 RT TO 164+36 RT			0005	01
		164+60 RT TO 164+82 RT			0005	01
		164+82 LT TO 169+37 LT			0005	01

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
028	601.0200 Cont.	164+82 RT TO 169+58 RT			0005	01
		170+75 RT TO 173+14 RT			0005	01
		170+79 LT TO 172+98 LT			0005	01
		59+14 LT TO 59+32 LT			0005	01
		59+14 RT TO 59+32 RT			0005	01
		59+62 LT TO 61+25 LT			0005	01
		59+62 RT TO 61+25 RT			0005	01
		59+72 TO 61+25			0005	01
		61+25 LT TO 61+79LT			0005	01
		61+25 RT TO 68+75 RT			0005	01
		61+25 TO 61+48			0005	01
		62+04 LT TO 63+78 LT			0005	01
		62+87 TO 63+71			0005	01
		64+03 LT TO 65+81 LT			0005	01
		64+09 TO 65+70			0005	01
		66+07 LT TO 66+75 LT			0005	01
		66+20 TO 66+75			0005	01
		66+75 RT TO 70+81 RT			0005	01
		66+75 TO 66+99			0005	01
		67+88 LT TO 68+28 LT			0005	01
		69+84 TO 70+72			0005	01
		71+10 RT TO 72+25 RT			0005	01
		71+50 TO 72+25			0005	01
		72+25 RT TO 73+27 RT			0005	01
		72+25 TO 73+05			0005	01
		73+57 RT TO 75+80 RT			0005	01
		73+73 TO 75+70			0005	01
		76+10 LT TO 77+75 LT			0005	01
		76+10 RT TO 77+75 RT			0005	01
		76+20 TO 76+81			0005	01
		76+81 TO 77+75			0005	01
		77+75 LT TO 82+75 LT			0005	01
		77+75 RT TO 78+30 RT			0005	01

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028	601.0200 Cont.	77+75 TO 78+19			0005	01
		78+60 RT TO 82+75 RT			0005	01
		78+70 TO 82+75			0005	01
		82+75 LT TO 85+78 LT			0005	01
		82+75 RT TO 83+20 RT			0005	01
		82+75 TO 83+20			0005	01
		83+60 RT TO 85+78 RT			0005	01
		83+70 TO 85+66			0005	01
		86+14 LT TO 87+75 LT			0005	01
		86+15 RT TO 87+75 RT			0005	01
		86+26 TO 87+75			0005	01
		87+75 LT TO 88+37 LT			0005	01
		87+75 RT TO 88+37 RT			0005	01
		87+75 TO 88+27			0005	01
		88+66 RT TO 90+86 RT			0005	01
		88+67 LT TO 90+58 LT			0005	01
		88+77 TO 91+09			0005	01
		90+42 LT TO 91+29 LT			0005	01
		90+81 LT TO 92+75 LT			0005	01
		91+11 RT TO 92+75 RT			0005	01
		91+62 TO 92+75			0005	01
		92+75 LT TO 94+54 LT			0005	01
		92+75 RT TO 93+41 RT			0005	01
		92+75 TO 93+23			0005	01
		93+73 RT TO 95+96 RT			0005	01
		93+87 TO 95+80			0005	01
		94+77 LT TO 96+94 LT			0005	01
		96+31 RT TO 97+75 RT			0005	01
		97-19 LT TO 97+75 LT			0005	01
		97+75 LT TO 99+32 LT			0005	01
		97+75 RT TO 102+75 RT			0005	01
		99+56 LT TO 102+33 LT			0005	01
Item 601.0200 Total:					**DELETED**	

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
193	906.9911	Cont.				
		101+11 LT		2.00	0005	01
		122+28 LT		2.00	0005	01
		140+75 LT		2.00	0005	01
		93+97 LT		1.00	0005	01
		98+57 RT		2.00	0005	01
		AS DIRECTED		18.00	0005	01
				Item 906.9911 Total:		27.00
194	906.9912	REMOVE PAINT FROM GRANITE CURB	LF			
		ELMWOOD AVENUE				
		AS REQUIRED		2,200.00	0005	01
				Item 906.9912 Total:		2,200.00
S195	L10.0101	MECHANICAL TREE AND SHRUB ROOT PRUNING	LF			
		ELMWOOD AVENUE				
		AS DIRECTED		295.00	0005	01
				Item L10.0101 Total:		295.00
196	T05.9902	BREAK INTO EXISTING MANHOLE	EACH			
		ELMWOOD AVENUE				
		INTERCONNECT PLAN NO. 1		1.00	0005	01
				Item T05.9902 Total:		1.00
197	601.0300	CLASS A PORTLAND CEMENT CONCRETE	CY			
		ELMWOOD AVENUE				
		FROM 702.9901		6.00	0005	01
		28 EA X 5'9 X 12"/36 =				
		FROM 906.0100		151.00	0005	01
		4873 LF X 1'9 X 10"/36 =				
		FROM 906.0101		7.00	0005	01
		215 LF X 1'9 X 10"/36 =				
		FROM 906.0120		69.00	0005	01

Distribution of Quantities

Project Name - 1R Improvements to Elmwood Avenue (C-3)

Estimate Name - Current-Addendum 4

R.I. Contract No. - 2013-CH-009

FAP Nos: STP-RESF(254), STP-TEA3-055

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
197	601.0300 Cont.	264 EA X 6' X 1'9 X 14"/36 =				
		FROM 906.0700		533.00	0005	01
		14370 LF X 1'9 X 12"/36 =				
		FROM 906.9903		1.00	0005	01
		2 EA X 2'9 X 12"/36				
		FROM 906.9904		85.00	0005	01
		2289 LF X 1'9 X 12"/36 =				
		FROM 906.9907		2.00	0005	01
		32 LF X 1'9 X 12"/36 =				
		FROM 906.9908		6.00	0005	01
		29 EA X 4'9 X 16"/36 =				
		FROM 906.9909		21.00	0005	01
		105 EA X 4'9 X 16"/36 =				
Item 601.0300 Total:				881.00		