

RESOLUTION NO. \_\_\_\_\_

A RESOLUTION AUTHORIZING THE APPROVAL OF CHANGE ORDER NO. 1 FOR SMITH CONTRACTORS, INC. RELATIVE TO CONTRACT NO. E-10-012-201, 21<sup>ST</sup> CENTURY WATERFRONT ROSS'S LANDING RIVERFRONT IMPROVEMENTS, FOR AN INCREASED AMOUNT OF FIVE HUNDRED TWENTY-FOUR THOUSAND ONE HUNDRED THIRTY-ONE AND 06/100 DOLLARS (\$524,131.06), FOR A REVISED CONTRACT AMOUNT OF SIX MILLION TWO HUNDRED TWENTY-SIX THOUSAND THREE HUNDRED EIGHTY-ONE AND 06/100 DOLLARS (\$6,226,381.06), WITH A CONTINGENCY AMOUNT OF FIFTY THOUSAND DOLLARS (\$50,000.00), FOR AN AMOUNT NOT TO EXCEED SIX MILLION TWO HUNDRED SEVENTY-SIX THOUSAND THREE HUNDRED EIGHTY-ONE AND 06/100 DOLLARS (\$6,276,381.06).

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BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, it is hereby authorizing the approval of Change Order No. 1 for Smith Contractors, Inc. relative to Contract No. E-10-012-201, 21<sup>st</sup> Century Waterfront Ross's Landing Riverfront Improvements, for an increased amount of \$524,131.06, for a revised contract amount of \$6,226,381.06, with a contingency amount of \$50,000.00, for an amount not to exceed \$6,276,381.06.

ADOPTED: \_\_\_\_\_, 2015

/mem

# City of Chattanooga



## Resolution/Ordinance Request Form

Date Prepared: October 15, 2015

Preparer: Dennis Malone

Department: Public Works

Brief Description of Purpose for Resolution/Ordinance:

Res./Ord. # \_\_\_\_\_

Council District # \_\_\_\_\_

7

A City Council resolution is requested to approve the Change Order No. 1, for Smith Contractors, Inc., relative to Contract No. E-10-012-201, 21st Century Waterfront Ross's Landing Riverfront Improvements, for an increased amount of ~~\$510,533.00~~, for a revised contract amount ~~\$6,220,783.00~~, with a contingency amount of \$50,000.00, for a not to exceed amount of ~~6,270,783.00~~.

*1,524,131.06 ELB*  
~~6,270,783.00~~  
*#6,276,381.06*  
*ELB*

~~6,220,783.00~~  
*#6,226,381.06*  
*ELB*

Name of Vendor/Contractor/Grant, etc. Smith Contractors, Inc.

New Contract/Project? (Yes or No) No

Total project cost \$ ~~6,270,783.00~~

Funds Budgeted? (YES or NO) Yes

Total City of Chattanooga Portion \$ ~~6,270,783.00~~

Provide Fund 4021

City Amount Funded \$ ~~6,270,783.00~~

Provide Cost Center A60416

New City Funding Required \$ ~~68,533.00~~

Proposed Funding Source if not budgeted \_\_\_\_\_

City's Match Percentage % 74,000 ELB

Grant Period (if applicable) \_\_\_\_\_

List all other funding sources and amount for each contributor.

Amount(s)	Grantor(s)
\$ _____	_____
_____	_____
_____	_____

Agency Grant Number \_\_\_\_\_

CFDA Number if known \_\_\_\_\_

Other comments: (Include contingency amount, contractor, and other information useful in preparing resolution)

Approved by: \_\_\_\_\_

Reviewed by: FINANCE OFFICE

DESIGNATED OFFICIAL/ADMINISTRATOR

Please submit completed form to @budget, City Attorney and City Finance Officer

Revised: 1/26/09



CITY OF CHATTANOOGA  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

Development Resource Center  
1250 Market Street, Suite 2100  
Chattanooga, TN 37402  
Phone: (423) 643-6000  
Fax: (423) 643-6008

## CHANGE ORDER

Contract No.: D-14-001-201  
Contractor: Environmental Abatement, Inc.  
Project Name: Harriet Tubman Homes Demolition Project

Change Order No.: 1 (Final)  
Date: 8/20/2015  
Council Res. #'s: 27975  
(Attach Copies)

**Check Reason for Change Order**

- Error/Omission
- Field Condition
- Field Dispute Settlement
- Owner Request
- Value Engineering
- Other: Final resolution of contract quantities.

Contract Days Changed: \_\_\_\_\_

Revised Completion Date: \_\_\_\_\_

Original Contract Amount	\$	<u>4,297,880.75</u>
Net Change by Previous C.O.s	\$	<u>0.00</u>
Contract Amount Prior to this C.O.	\$	<u>4,297,880.75</u>
Total Amount of this C.O.	\$	<u>134,859.23</u>
<b>NEW CONTRACT AMOUNT</b>	\$	<u>4,432,739.98</u>

Description / Justification (Add more pages if necessary)  
Please see backup documentation of final closeout of project.

The terms and conditions of this Change Order, including the cost and time contained herein, constitute a full accord and complete satisfaction for all costs and time of performance related to the work described or referenced herein, including but not limited to, all delay and impact costs for the entire Project resulting from this Change Order. Except as amended herein, all provisions of the Contract remain in full force and effect.

### APPROVALS

CONTRACTOR		ENGINEER / ARCHITECT	
<u>Chad C. Ctt, Jr.</u>	<u>8/20/15</u>	N/A	
Signature	Date	Signature	Date
CITY PROJECT MANAGER		CITY ENGINEER	
<u>Jason Payne</u>	<u>9/8/15</u>	<u>D. M. B.</u>	<u>9/8/15</u>
Signature	Date	Signature	Date
ADMINISTRATOR OF PUBLIC WORKS		CITY FINANCE OFFICER	
<u>Tom J. Hawn</u>	<u>10-13-15</u>	<u>Tracy W. Anderson</u>	<u>10-15-15</u>
Signature	Date	Signature	Date

RESOLUTION NO. 27928

A RESOLUTION AUTHORIZING THE ADMINISTRATOR FOR THE DEPARTMENT OF PUBLIC WORKS TO AWARD CONTRACT NO. E-10-012-201, 21<sup>ST</sup> CENTURY WATERFRONT ROSS'S LANDING RIVERFRONT PARK IMPROVEMENTS TO SMITH CONTRACTORS, INC. IN THE AMOUNT OF FIVE MILLION SEVEN HUNDRED TWO THOUSAND TWO HUNDRED FIFTY DOLLARS (\$5,702,250.00), WITH A CONTINGENCY AMOUNT OF FIVE HUNDRED THOUSAND DOLLARS (\$500,000.00), FOR AN AMOUNT NOT TO EXCEED SIX MILLION TWO HUNDRED TWO THOUSAND TWO HUNDRED FIFTY DOLLARS (\$6,202,250.00).

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BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, TENNESSEE, that the Administrator for the Department of Public Works to award Contract No. E-10-012-201, 21<sup>st</sup> Century Waterfront Ross's Landing Riverfront Park Improvements to Smith Contractors, Inc. in the amount of \$5,702,250.00, with a contingency amount of \$500,000.00, for an amount not to exceed \$6,202,250.00.

ADOPTED: July 1, 2014

/mem

RESOLUTION NO. 28394

A RESOLUTION AUTHORIZING THE APPROVAL OF CHANGE ORDER NO. 1 FOR ENVIRONMENTAL ABATEMENT, INC. RELATIVE TO CONTRACT NO. D-14-001-201, HARRIET TUBMAN DEMOLITION PROJECT, FOR AN INCREASED AMOUNT OF ONE HUNDRED THIRTY-FOUR THOUSAND EIGHT HUNDRED FIFTY-NINE AND 23/100 DOLLARS (\$134,859.23), FOR A REVISED AMOUNT NOT TO EXCEED FOUR MILLION FOUR HUNDRED THIRTY-TWO THOUSAND SEVEN HUNDRED THIRTY-NINE AND 98/100 DOLLARS (\$4,432,739.98), AND TO RELEASE THE REMAINING CONTINGENCY OF TWO HUNDRED SIXTY-FIVE THOUSAND ONE HUNDRED FORTY AND 77/100 DOLLARS (\$265,140.77).

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BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, it is hereby authorizing the approval of Change Order No. 1 for Environmental Abatement, Inc. relative to Contract No. D-14-001-201, Harriet Tubman Demolition Project, for an increased amount of \$134,859.23, for a revised amount not to exceed \$4,432,739.98, and to release the remaining contingency of \$265,140.77.

ADOPTED: September 15, 2015

/mem

CITY OF CHATTANOOGA  
 DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION  
 1250 Market Street, Suite 2100  
 Chattanooga, TN 37402  
 Phone: (423) 643-6033 | Fax: (423) 643-6008



CR# 7  
 Date Issued: 10/24/14  
 PO#: \_\_\_\_\_

**CHANGE REQUEST FORM (CRF)**

City Contract No. D-14-001-201  
 Project Name: Harriet Tubman Homes Demolition  
 Engineer: City of Chattanooga Engineering  
 Contractor: Environmental Abatement, Inc.

Requested By: Ed Craft  
 Drawing: N/A  
 Problem Desc: Running of electric primary to Job Trailer by EPB.

**Revised Scope Description/Details**

Additional funding for running and tree pruning along Sholar Avenue; outside site gate/perimeter for primary electric feed to Job Trailer/ temporary pole.

EPB related services/EAT management.

EPB Invoice		\$5,188.96
EAT PM Labor	1 Hour	\$ 125.00
	Sub-Total	\$5,313.96
	15% OH & MU	\$ 797.09
	<b>TOTAL</b>	<b>\$6,111.05</b>

**Contractor Acknowledgement**

No Change in Contract Amount is required.  A Change in Contract Amount is required: \$6,111.05  
 No Change in Contract Time is required.  A Change in Contract Time is required: 0 days

\_\_\_\_\_  
 Architect / Engineer / Inspector / RPR

Chal E. Cuthbert  
 Contractor

Change in Contract Amount is within the Contingency Amount authorized under Resolution No. 27975

Yes  No

Proceed with Execution

Yes  No Jason Payne

\_\_\_\_\_  
 Engineer / Architect / Project Manager

Jerry Payne 10/24/14  
 City Project Manager

Distribution: City Engineer, Central Files

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CR# 2  
 Date Issued: 10/30/14  
 PO#: \_\_\_\_\_

**CHANGE REQUEST FORM (CRF)**

City Contract No. D-14-001-201  
 Project Name: Harriet Tubman Homes Demolition  
 Engineers: City of Chattanooga Engineering  
 Contractor: Environmental Abatement, Inc.  
 Requested By: Ed Craft  
 Drawing: N/A  
 Problem Desc: EAI providing personnel for Scale House Attendant

**Revised Scope Description/Details**

EAI providing for Scale House Attendant in lieu of City of Chattanooga;  
as originally outlined within the Contract Specifications.

Start date of 9/29/14 - approximately 23 weeks - 40 Hours/Week = 920 Hours

920 Hours @ \$32.50/Hour = \$29,900.00

**Contractor Acknowledgement:**

No Change in Contract Amount is required.  
 No Change in Contract Time is required.

A Change in Contract Amount is required: \$29,900.00  
 A Change in Contract Time is required: 0 days

\_\_\_\_\_  
 Architect / Engineer / Inspector / RPR

Chad E. Craft  
 Contractor

Change in Contract Amount is within the Contingency  
 Amount authorized under Resolution No. 27975

Yes  No

Proceed with Execution

Yes  No

[Signature]  
 Engineer / Architect / Project Manager

[Signature] 10/30/14  
 City Project Manager

Distribution: City Engineer, Central Files

CITY OF CHATTANOOGA  
 DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION  
 1250 Market Street, Suite 2100  
 Chattanooga, TN 37402  
 Phone: (423) 643-6033 | Fax: (423) 643-6008



CR# 3  
 Date Issued: \_\_\_\_\_  
 PO#: \_\_\_\_\_

**CHANGE REQUEST FORM (CRF)**

City Contract No. D-14-001-207  
 Project Name: Harriet Tubman Homes Demolition  
 Engineer: City of Chattanooga Engineering  
 Contractor: Environmental Abatement, Inc.

Requested By: Ed Craft  
 Drawing: N/A  
 Problem Desc: Road inlet protection - Phase I of geomembrane not effective significant ponding of water. Pictures provided.

**Revised Scope Description/Details**

Replacement of road inlet geo-membrane installed as part of Phase I Erosion Control; as specified.

Originally installed in 16 road inlets. Balance of site will not require replacements.

EAT installing approved Filtrexx Soxk around road inlets in lieu of designed/specified geo-membrane.

Removal/replacement cost of 16 @ \$500.00/Each = \$8,000.00  
Removal = 16 @ \$403.00/Each = \$6,448.00 (Contract line item)  
Removal = 16 @ \$97.00/Each = \$1,552.00

<b>Contractor Acknowledgement</b> <input type="checkbox"/> No Change in Contract Amount is required. <input checked="" type="checkbox"/> No Change in Contract Time is required.		<input checked="" type="checkbox"/> A Change in Contract Amount is required: <u>\$8,000.00</u> <input type="checkbox"/> A Change in Contract Time is required: _____ days	
_____ Architect / Engineer / Inspector / RPR		<u>Chad E. Ctt. Jr.</u> Contractor	
Change in Contract Amount is within the Contingency Amount authorized under Resolution No. <u>27975</u> <input type="checkbox"/> Yes <input type="checkbox"/> No		Proceed with Execution <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <u>Jason Payne</u> <u>[Signature]</u> 10/30/14 City Project Manager	
<u>[Signature]</u> Engineer / Architect Project Manager			

Distribution: City Engineer, Central Files



CITY OF CHATTANOOGA  
 DEPARTMENT OF PUBLIC WORKS  
 1250 Market Street, Suite 2100  
 Chattanooga, TN 37402  
 Phone: (423) 643-6033 | Fax: (423) 643-6008



CR#: 4  
 Date Issued: 11/2/14  
 PO#:

**CHANGE REQUEST FORM (CRF)**

City Contract No. PLA-001-201  
 Project Name: Harriet Tubman Homes Demolition  
 Engineer: City of Chattanooga Engineering  
 Contractor: Environmental Abatement, Inc.  
 Requested By: Ed Craft  
 Drawing:  
 Problem Desc: Additional tree removal - caliber size 12" to 23.75"

**Revised Scope Description/Details**

19-3 Additional trees removal and caliber size 12" to 23.75"  
26 Each @ \$1,840.00/Each = \$47,840.00 ✓

**Contractor Acknowledgement**

No Change in Contract Amount is required.  A Change in Contract Amount is required: \$47,840.00  
 No Change in Contract Time is required.  A Change in Contract Time is required: 0 days

\_\_\_\_\_  
 Architect / Engineer / Inspector / RFR Chad E. Cuthbert  
 Contractor

Change in Contract Amount is within the Contingency Amount authorized under Resolution No. 27975  
 Yes  No

\_\_\_\_\_  
 Engineer / Architect / Project Manager

Proceed with Execution  
 Yes  No Jason Payne

\_\_\_\_\_  
 City Project Manager 4/7/14

Distribution: City Engineer, Contract Files

CITY OF CHATTANOOGA.  
 DEPARTMENT OF PUBLIC WORKS  
 1259 Market Street, Suite 2400  
 Chattanooga, TN 37402  
 Phone: (423) 643-6033 | Fax: (423) 643-6008



CR# 5  
 Date Issued: 4/7/14  
 PO#:

**CHANGE REQUEST FORM (CRF)**

City Contract No. 12-14-001-201  
 Project Name: Harriet Tubman Homes Demolition  
 Engineer: City of Chattanooga Engineering  
 Contractor: Environmental Abatement, Inc.  
 Requested by: Ed Craft  
 Drawing:  
 Problem Desc: Additional tree removal - caliber size 24"

**Revised Scope Description/Details**

13-4 additional tree removal and caliber size 24"  
28 Each @ \$3,680.00/Each = \$103,040.00

<b>Contractor Acknowledgement</b>	
<input type="checkbox"/> No Change in Contract Amount is required.	<input checked="" type="checkbox"/> A Change in Contract Amount is required: <u>\$103,040.00</u>
<input checked="" type="checkbox"/> No Change in Contract Time is required.	<input type="checkbox"/> A Change in Contract Time is required: _____ days
_____ Architect / Engineer / Inspector / RPR	<u>Ed A. Craft</u> Contractor
Change in Contract Amount is within the Contingency Amount authorized under Resolution No. <u>27975</u>	Proceed with Execution
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <u>Jason Payne</u>
<u>Jason Payne</u> Engineer / Architect / Project Manager	<u>Jason Payne</u> 4/7/14 City Project Manager

Distribution: City Engineer, Central File

CITY OF CHATTANOOGA  
 DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION  
 1250 Market Street, Suite 2100  
 Chattanooga, TN 37402  
 PHONE: (423) 643-6033 | FAX: (423) 643-6008



CR# 6 Rev  
 Date Issued: 4/2/15  
 PO#: \_\_\_\_\_

**CHANGE REQUEST FORM (CRF)**

City Contract No. D-14-001-201  
 Project Name: Harriet Tubman Homes Demolition  
 Engineer: City of Chattanooga Engineering  
 Contractor: Environmental Abatement, Inc.

Requested By: Ed Craft  
 Drawing: S&ME - ACM Slab Survey  
 Problem Desc: Abatement/removal of perimeter slab/stem wall from four buildings.  
Damaged gates rear entrance - Sholar Avenue

**Revised Scope Description/Details**

Additional funding for abatement/removal of perimeter/stem walls from four buildings/slabs - found to contain asbestos in expansion joints. Process agreed thru City of Chattanooga Air Pollution and S&ME. Wet method during hoe ram and removal of concrete; manifest material as previous SOW.

Associated Costs:	Labor (2 Days)	\$1,940.84	
	Lodging/Per Diem	\$ 882.00	
	Equipment/Fuel/Transp.	\$4,772.78	Subtotal \$10,021.12
	Trucking	\$ 630.00	w/Bond 1.5% \$10,171.43
	Materials/Poly	\$ 299.25	
	Disposal (13 Tons @ \$25/T)	\$ 341.25	
	Gates/Fence	\$1,155.00	

**Contractor Acknowledgement:**  
 No Change in Contract Amount is required.  A Change in Contract Amount is required: \$10,171.43  
 No Change in Contract Time is required.  A Change In Contract Time is required: 4 days

\_\_\_\_\_  
 Architect / Engineer / Inspector / RPR  
Chal E. Little  
 Contractor

Change in Contract Amount is within the Contingency Amount authorized under Resolution No. 27975  
 Yes  No  
James Payne  
 Engineer / Architect Project Manager

**Proceed with Execution**  
 Yes  No  
 \_\_\_\_\_  
 City Project Manager

Distribution: City Engineer, Central Files

CITY OF CHATTANOOGA  
 DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION  
 1250 Market Street, Suite 2100  
 Chattanooga, TN 37402  
 Phone: (423) 643-6033 | Fax: (423) 643-6008



CR# 7  
 Date Issued: \_\_\_\_\_  
 PO#: \_\_\_\_\_

**CHANGE REQUEST FORM (CRF)**

City Contract No. D-14-001-201  
 Project Name: Harriet Tubman Homes Demolition  
 Engineer: City of Chattanooga Engineering  
 Contractor: Environmental Abatement, Inc.  
 Requested By: Ed Craft  
 Drawing: N/A  
 Problem Desc: Contract Completion Date Extension - in addition to already submitted days via CR.

**Revised Scope Description/Details**

Contract Completion Extension - Additional Days Above Previously Submitted:

1. 4 Work Days Downtime during slab removal due to asbestos sampling of project site slabs for joint filler.
2. 2 Work Days Downtime Initial/1st Slab Removal for asbestos in joint filler. Consultant chose not to sample entire site slabs at that time.
3. 1 Work Day Downtime due to the theft of batteries from excavating equipment.

<b>Contractor Acknowledgement:</b> <input type="checkbox"/> No Change in Contract Amount is required. <input type="checkbox"/> A Change in Contract Amount is required: <input type="checkbox"/> No Change in Contract Time is required. <input checked="" type="checkbox"/> A Change in Contract Time is required: <u>7</u> days	
_____ Architect / Engineer / Inspector / RPR	 Contractor
Change in Contract Amount is within the Contingency Amount authorized under Resolution No. <u>27925</u> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>Proceed with Execution</b> <input type="checkbox"/> Yes <input type="checkbox"/> No
 Engineer / Architect / Project Manager	_____ City Project Manager

Distribution: City Engineer, Central Files



**CHANGE REQUEST FORM (CRF)**

City Contract No. E-10-012-201  
 Project Name: 21st Century Waterfront Ross's Landing Riverfront Park Improvements  
 Engineer: HDR Engineers, Inc.  
 Contractor: Smith Contractors, Inc.

Requested By: Owner  
 Drawing:  
 Problem Desc: The original concrete beams of the Terrace area were pour in the original Riverfront project with saging beams, so that if you stand on one end and look down it, they run up and down for the length of each row. Owner has ask contractor to correct this by pour beam caps that run level from one end of the beam row to the other. Includes deduction of certain items.

**Revised Scope Description/Details**

Item No.	Description	Unit	Qty	Unit Price	Item Total
<b>ADD</b>					
TB-1	Terrace Beam Caps	LS	1	\$614,190.00	\$614,190.00
	Delete Removal of Existing Sidewalks from Terrace Beam Cap work above	LS	1	(\$35,000.00)	(\$35,000.00)
	Delete Corrosion Inhibitor Concrete Additive from Terrace Beam Caps work above	LS	1	(\$23,000.00)	(\$23,000.00)
		<b>LS</b>	<b>1</b>		<b>\$556,190.00</b>
<b>DEDUCT</b>					
4-A	Pipe Piles	EA	-1	\$20,000.00	(\$20,000.00)
4-B	Floats and Connections	LS	-1	\$25,000.00	(\$25,000.00)
T-1	CR #9 Negotiation	LS	1	(\$22,500.00)	(\$22,500.00)
					(\$127,500.00)
				<b>TOTAL</b>	<b>\$428,690.00</b>

Time extension for remaining work through CRF #9. Revised Final Completion Date is Jan. 1, 2016.

**Contractor Acknowledgement:**

No Change in Contract Amount is required.  A Change in Contract Amount is required: \$428,690.00  
 No Change in Contract Time is required.  A Change in Contract Time is required: 158 Days

[Signature] 09/17/2015 Architect / Engineer / Inspector / RPR [Signature] 9/18/15 Contractor

Change in Contract Amount is within the Contingency Amount authorized under Resolution No. 27928  
 Yes  No  
[Signature]  
 Engineer / Architect Project Manager

Proceed with Execution  
 Yes  No  
[Signature] 9/18/15  
 City Project Manager

Distribution: City Engineer; Central Files

**SMITH CONTRACTORS, INC.**

*P.O. Box 480  
1241 Bypass North  
Lawrenceburg, Kentucky 40342*

*502 -839-4196  
502-839-8348 - Fax #*

September 4, 2015

HDR Engineering, Inc.  
555 N. Carancahus  
Suite 1600  
Corpus Christi, TX 78401-0849

Re: Ross's Landing Riverfront Park Improvements  
Chattanooga, Tennessee

Attention: Dan Garza, P.E.

Please see the breakdown for the sidewalk change order; per the attached drawings:

***Materials:***

Concrete – 766 CY @ \$164.00/CY	\$125,624.00
Re-Bar – 46 tons	45,667.00
Crushed Stone – 800 tons @ \$22.00/ton	17,600.00
Form/concrete accessories	7,647.00
Lumber/plywood	<u>9,427.00</u>
<b>TOTAL MATERIALS</b>	<b>\$205,965.00</b>

***Subcontractors:***

Caulking/Sealants – 12,000 LF @ \$2.50/LF	\$ 30,000.00
Re-Bar Installation	23,000.00
Concrete Cutting	2,800.00
Sod(supply and install) – 1,000 SY @ \$9.00/SY	9,000.00
Temporary Fence	5,000.00
Spall Repair – 4 each @ \$2,000 ea	<u>8,000.00</u>
<b>TOTAL SUBCONTRACTORS</b>	<b>\$ 77,800.00</b>

***Labor:***

850 hours @ \$54.00/hour	\$ 45,900.00
850 hours @ \$44.00/hour	37,400.00
425 hours @ \$57.68/hour	<u>24,514.00</u>
<b>TOTAL LABOR</b>	<b>\$107,814.00</b>



MAYOR  
ANDY BERKE

CITY COUNCIL  
DISTRICT 1 - CHIP HENDERSON, CHAIRPERSON  
DISTRICT 2 - JERRY MITCHELL  
DISTRICT 3 - KEN SMITH  
DISTRICT 4 - LARRY GROHN  
DISTRICT 5 - RUSSELL GILBERT  
DISTRICT 6 - CAROL BERZ, VICE-CHAIRPERSON  
DISTRICT 7 - CHRIS ANDERSON  
DISTRICT 8 - MOSES FREEMAN  
DISTRICT 9 - YUSUF HAKEEM

DEPARTMENT OF PUBLIC WORKS  
DONALD L. NORRIS, ADMINISTRATOR

Contract Drawings For

# The City of Chattanooga, TN

## 21st Century Waterfront Ross's Landing Riverfront Project # E-10-012-201 Park Improvements

Structural/Mechanical/Electrical

HDR Project No.  
J209571

Chattanooga, Tennessee  
July 2015

APPROVED FOR RELEASE  
WILLIAM C. PAYNE  
CITY ENGINEER

DATE

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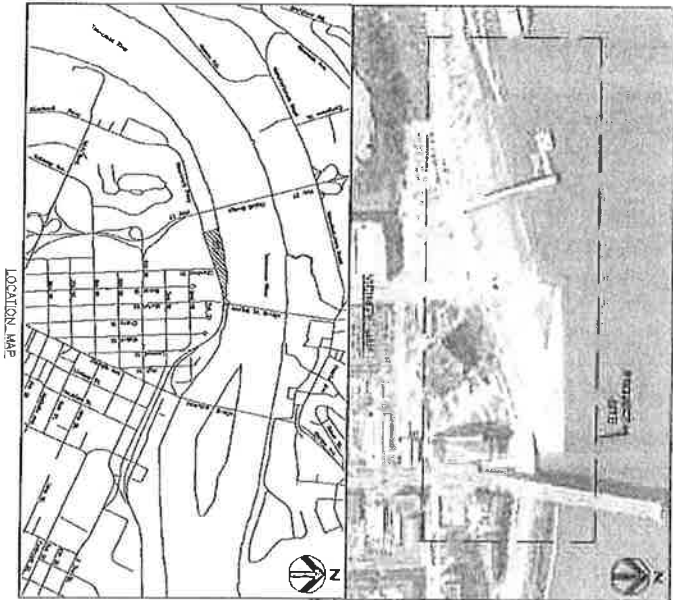
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010-02	EXISTING SITE PLAN I
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030-19	SIDEWALK PLAN II
030-20	SIDEWALK SECTIONS AND DETAILS I
030-21	SIDEWALK SECTIONS AND DETAILS II
030-22	SIDEWALK SECTIONS AND DETAILS III
040-01	MECHANICAL
040-02	MECHANICAL PLAN AREA 1
040-03	MECHANICAL PLAN AREA 2
040-04	MECHANICAL DETAILS
040-05	ELECTRICAL VALVE BOX ARRANGEMENT
050-01	ELECTRICAL
050-02	ELECTRICAL PLAN AREA 1
050-03	ELECTRICAL PLAN AREA 2
050-04	ELECTRICAL DETAILS
050-05	ELECTRICAL SWITCHGEAR ELEVATIONS

### STRUCTURAL

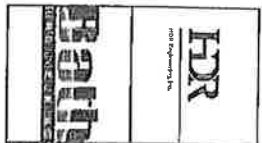
### MECHANICAL

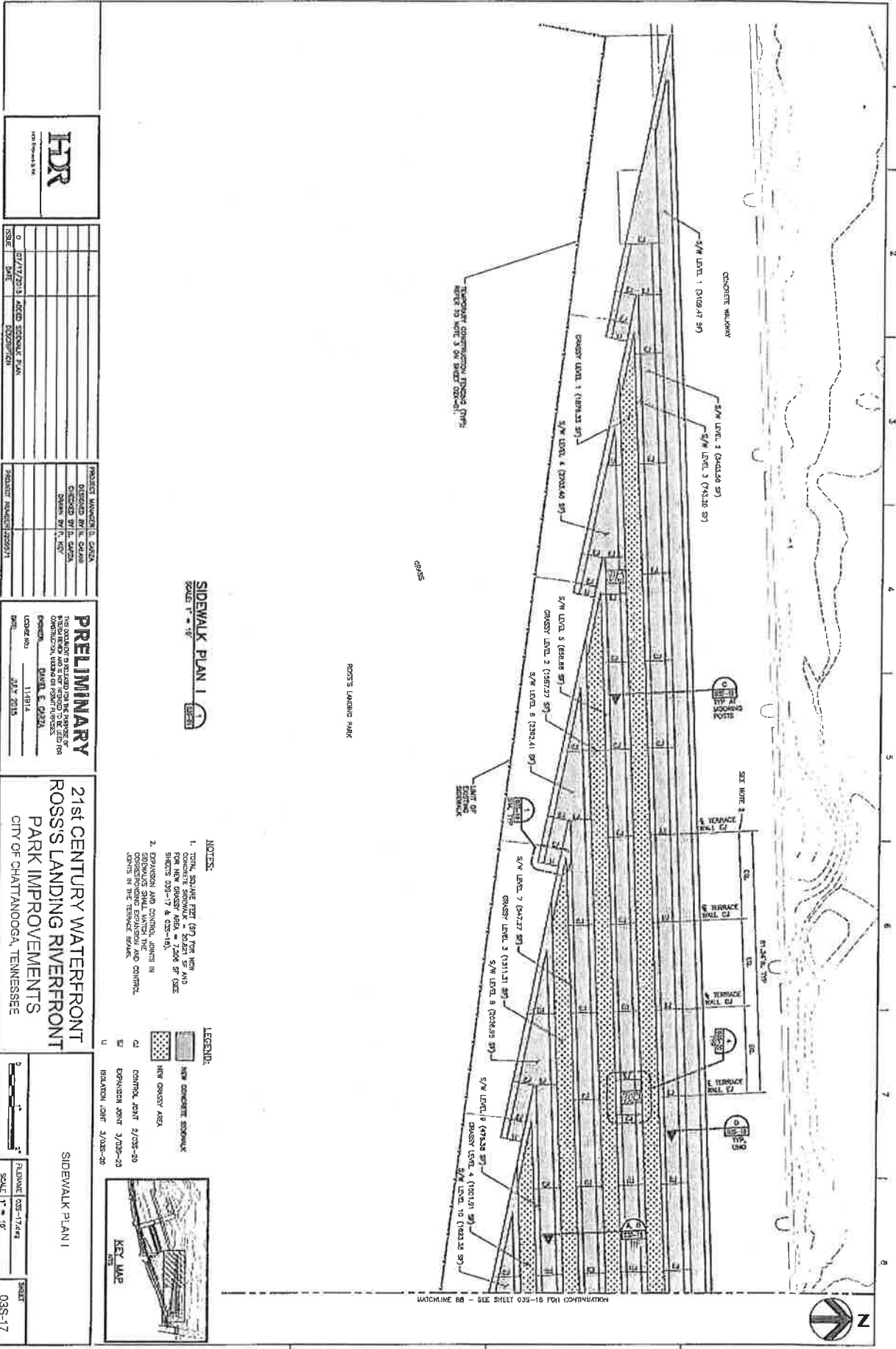
### ELECTRICAL

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF CHATTANOOGA AND THE TENNESSEE DEPARTMENT OF REVENUE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF CHATTANOOGA AND THE TENNESSEE DEPARTMENT OF REVENUE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF CHATTANOOGA AND THE TENNESSEE DEPARTMENT OF REVENUE.



LOCATION MAP

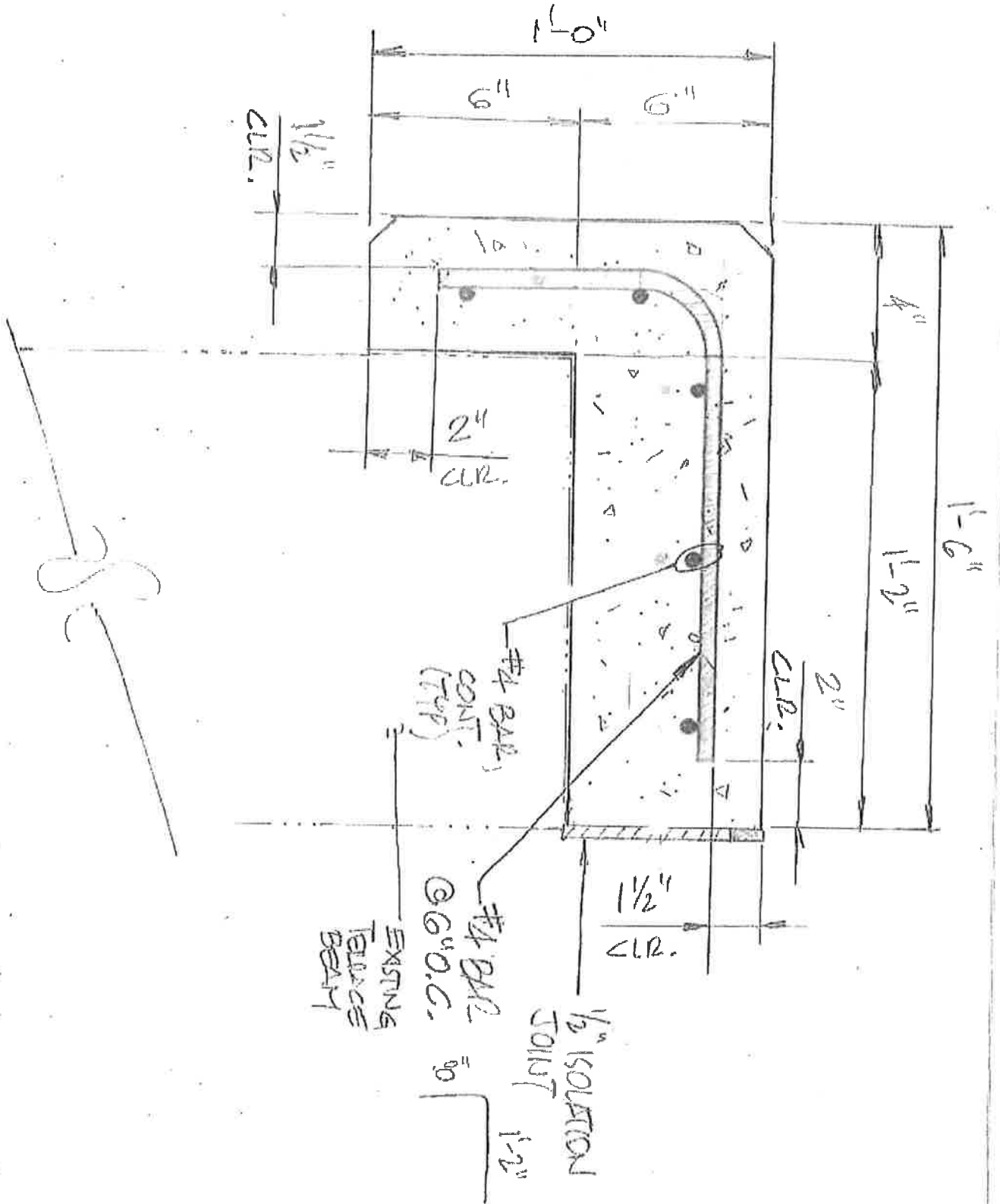








Project: CITY OF CHATT. ROSS'S LANDING Computed: DJ  
 Subject: PROPOSED S/W SECTION Checked: NKG Date: 08/03/15  
 Task: TYPICAL SKETCH Page: 1 of: 1  
 Job #: 225536 No:



TERRACE BEAM CAP.  
TYPICAL FOR ALL

## Ogle Alan

---

**From:** Joe Smith <JS@sci82.com>  
**Sent:** Friday, September 18, 2015 8:36 AM  
**To:** 'Garza, Dan'  
**Cc:** Malone Dennis; Ogle Alan  
**Subject:** RE: CRF for additional work at Ross' Landing  
**Attachments:** crf9.pdf

Attached is the signed CRF #9. Let us know if you need anything else.

Thanks,  
Joe Smith

---

**From:** Garza, Dan [<mailto:Dan.Garza@hdrinc.com>]  
**Sent:** Thursday, September 17, 2015 4:48 PM  
**To:** 'Joe Smith'  
**Cc:** Malone Dennis; Ogle Alan  
**Subject:** RE: CRF for additional work at Ross' Landing

Joe,

Here's my signed copy, if you'd like to sign on the same document.

Dan

---

**From:** Ogle Alan [<mailto:aogle@chattanooga.gov>]  
**Sent:** Thursday, September 17, 2015 2:04 PM  
**To:** 'Joe Smith'; Garza, Dan  
**Cc:** Malone Dennis  
**Subject:** RE: CRF for additional work at Ross' Landing

Dan and Joe,

Attached is the revised CRF #9 for the additional work on the sidewalks and terrace beams.

Please sign as indicated and return to me.

Thanks,

Alan

---

**From:** Joe Smith [<mailto:JS@sci82.com>]  
**Sent:** Wednesday, September 16, 2015 6:23 PM  
**To:** Ogle Alan; 'Garza, Dan'  
**Cc:** Malone Dennis  
**Subject:** RE: CRF for additional work at Ross' Landing

Do you all think it would be ok to make the noted revisions on the attached copy of CR9?

Joe Smith

## Ogle Alan

---

**From:** Garza, Dan <Dan.Garza@hdrinc.com>  
**Sent:** Thursday, September 17, 2015 4:48 PM  
**To:** 'Joe Smith'  
**Cc:** Malone Dennis; Ogle Alan  
**Subject:** RE: CRF for additional work at Ross' Landing  
**Attachments:** CRF#09 - Signed by HDR 09172015.pdf

Joe,

Here's my signed copy, if you'd like to sign on the same document.

Dan

---

**From:** Ogle Alan [<mailto:aogle@chattanooga.gov>]  
**Sent:** Thursday, September 17, 2015 2:04 PM  
**To:** 'Joe Smith'; Garza, Dan  
**Cc:** Malone Dennis  
**Subject:** RE: CRF for additional work at Ross' Landing

Dan and Joe,

Attached is the revised CRF #9 for the additional work on the sidewalks and terrace beams.

Please sign as indicated and return to me.

Thanks,

Alan

---

**From:** Joe Smith [<mailto:JS@sci82.com>]  
**Sent:** Wednesday, September 16, 2015 6:23 PM  
**To:** Ogle Alan; 'Garza, Dan'  
**Cc:** Malone Dennis  
**Subject:** RE: CRF for additional work at Ross' Landing

Do you all think it would be ok to make the noted revisions on the attached copy of CR9?

Joe Smith

---

**From:** Ogle Alan [<mailto:aogle@chattanooga.gov>]  
**Sent:** Wednesday, September 16, 2015 11:53 AM  
**To:** 'Garza, Dan'; Joe Smith  
**Cc:** Malone Dennis  
**Subject:** CRF for additional work at Ross' Landing

Gentlemen,

Attached is the CRF for the additional work at Ross' Landing. Please review it for agreement with the amount and days that were agreed upon in the meeting, and, if you agree that it is an accurate reflection of those amounts, please sign it and return it to me for processing.