

RESOLUTION NO. _____

A RESOLUTION AUTHORIZING THE APPROVAL OF CHANGE ORDER NO. 1 FOR YERBEY CONCRETE CONSTRUCTION RELATIVE TO CONTRACT NO. E-13-003-201, CITY SIDEWALK REQUIREMENTS, USED TO SUPPLEMENT EXISTING SIDEWALK REQUIREMENTS CONTRACT, FOR AN INCREASED AMOUNT OF TWO HUNDRED TWENTY-FIVE THOUSAND FIVE HUNDRED SEVEN AND 23/100 DOLLARS (\$225,507.23), FOR A TOTAL AMOUNT OF FOUR HUNDRED SEVENTY-FIVE THOUSAND FIVE HUNDRED SEVEN AND 23/100 DOLLARS (\$475,507.23).

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, it is hereby authorizing the approval of Change Order No. 1 for Yerbey Concrete Construction relative to Contract No. E-13-003-201, City Sidewalk Requirements, used to supplement existing sidewalk requirements contract, for an increased amount of \$225,507.23, for a total amount of \$475,507.23.

ADOPTED: _____, 2014

/mem

City of Chattanooga



Resolution Request Form

(This form is only required for resolutions requiring expenditure of City funds)

Date: August 25, 2014

Preparer: Bert Kuyrkendall *BK*

Department: Transportation

Brief Description of Purpose for Resolution:

Resolution Number (if approved by Council): _____ City-wide

A City Council Action is requested to approve the Change Order No. 1, for Yerbey Concrete Construction, relative to Contract E-13-003-201, City Sidewalk Requirements, for an increased amount of \$225,507.23, which will be used to supplement existing sidewalk requirements contract.

Name of Vendor/Contractor/Grant, etc.	Yerbey	New Contract/Project? (Yes or No)	NO
Total project cost \$	475,507.23	Funds Budgeted? (YES or NO)	YES
Total City of Chattanooga Portion \$	475,507.23	Provide Fund	4016
City Amount Funded \$	250,000.00	Provide Cost Center	K15101,K15102,K12116
New City Funding Required \$	225,507.00	Proposed Funding Source if not budgeted	
City's Match Percentage %	100	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



**CITY OF CHATTANOOGA
TRANSPORTATION DEPARTMENT
ENGINEERING DIVISION**

Development Resource Center
1250 Market Street, Suite 3000
Chattanooga, TN 37402
Phone: (423) 757-5117
Fax: (423) 757-0586

CHANGE ORDER

Contract No.:	<u>E-13-003-201</u>	Change Order No.:	<u>1</u>
Contractor:	<u>Yerbey Concrete Construction</u>	Date:	<u>8/25/2014</u>
Project Name:	<u>City Sidewalk Requirements</u>	Council Res. #'s:	_____
		(Attach Copies)	_____

Check Reason for Change Order <input type="checkbox"/> Error/Omission <input type="checkbox"/> Field Condition <input type="checkbox"/> Field Dispute Settlement <input checked="" type="checkbox"/> Owner Request <input type="checkbox"/> Value Engineering <input type="checkbox"/> Other: _____	Contract Days Changed: _____ Revised Completion Date: _____	Original Contract Amount \$ <u>250,000.00</u> Net Change by Previous C.O.s \$ _____ Contract Amount Prior to this C.O. \$ <u>250,000.00</u> Total Amount of this C.O. \$ <u>225,507.23</u> NEW CONTRACT AMOUNT \$ <u>475,507.23</u>
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Description / Justification (Add more pages if necessary)
 Additional funds will be used to supplemental existing sidewalk requirements contract. Funds will be used to construct 4 neighborhood traffic management projects. Funds will also be used to construct a sidewalk along Oakwood Drive between Jersey Pike and Swann Road. Funds will be used to implement other sidewalk projects at various locations.

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>25 Aug 14</u>		<u>25 Aug 2014</u>
Signature	Date	Signature	Date
CITY PROJECT MANAGER		TRANSPORTATION ENGINEER	
	<u>8/25/14</u>		
Signature	Date	Signature	Date
ADMINISTRATOR OF TRANSPORTATION		CITY FINANCE OFFICER	
Signature	Date	Signature	Date

Bid Schedule
Contract Number E-13-003-201
City Sidewalk Requirements
City of Chattanooga

Item	Description	Approx. Quantity	Unit of Measure	Unit Price	Additional Quantity	Additional Contract Amount
1	<u>Common Excavation</u>					
1-A	Common Excavation	100	CY	<u>\$12.10</u>	65	<u>\$786.50</u>
1-B	Backfill/Borrow Excavation	100	CY	<u>\$12.10</u>		
1-C	Undercut and Remove Unsuitable Material	100	CY	<u>\$12.10</u>		
2	<u>Rock Excavation</u>					
2-A	Rock Excavation - Boulders, Stones or Pieces of Masonry that are one-half cubic yard or larger in volume, Sound, solid rock in its original position in ledges, bedded deposits or masses of such hardness and texture that, in the opinion of the Engineer meet the requirements of this specification.	60	CY	<u>\$150.00</u>		
14	<u>Mineral Aggregate Base</u>					
14-A	Mineral aggregate base, 100% Compaction Std. Proctor, Type 'A', Grading "D", 8-inch depth, (Complete-in-place).	1,000	SF	<u>\$3.50</u>	3616	<u>\$12,656.00</u>
14-B	Aggregate-Cement Base 8" thickness, 5% PC by dry unit weight, (Complete-in-place).	1,000	SF	<u>\$4.00</u>		
15	<u>Concrete and/or Pavement Removal</u>					
15-A	Demolition and Removal of Existing Concrete/Asphalt Sidewalk (Complete-in-place).	4,000	SF	<u>\$1.50</u>	2400	<u>\$3,600.00</u>
15-B	Demolition and Removal of Existing Concrete/Asphalt Driveway (Complete-in-place).	1,000	SF	<u>\$2.00</u>	2532	<u>\$5,064.00</u>
15-C	Demolition and Removal of Existing Curb and Gutter (Complete-in-place).	1,000	LF	<u>\$2.50</u>	625	<u>\$1,562.50</u>
15-D1	Demolition and Removal of Existing Concrete/Asphalt Roadway (Complete-in-place).	2,000	SF	<u>\$2.00</u>	1819	<u>\$3,638.00</u>
15-D2	Demolition and Removal of Existing Concrete/Asphalt Roadway, 14+/-" for stamped concrete (Complete-in-place).	6,000	SF	<u>\$2.50</u>		
15-E	Saw Cutting	2,000	LF	<u>\$3.64</u>	1200	<u>\$4,368.00</u>
16	<u>Cement Concrete (Sidewalks, Driveways, Handicap</u>					
16-A	4-inch thick Concrete Sidewalk (SD-202.01) - Includes Concrete portion of Handicap Ramps, Excavation up to 6-inch Depth, Base stone, Expansion Joints, Caulk, etc. (Complete-in-Place).	20,000	SF	<u>\$4.50</u>	7500	<u>\$33,750.00</u>
16-B	6-inch thick Concrete Driveway Apron and/or Sidewalk (SD-202.02) - Includes Excavation up to 8-inch Depth, Base Stone, Reinforcing Steel, etc. (Complete-in-Place).	1,000	SF	<u>\$5.85</u>	4135	<u>\$24,189.75</u>
16-D-1	City Standard Truncated Dome Composite Inlay, Armor-Tile, ADA Solutions, (or approved equal), River Red Color - Includes Installation, Labor, and Material. Excludes Handicap Ramp Concrete, (Complete-in-place).	10	EA	<u>\$200.00</u>	6	<u>\$1,200.00</u>
16-D-2	City Standard Truncated Dome Composite Overlay with Rivets, Armor-Tile, ADA Solutions, (or approved equal), River Red Color - Includes Installation, Labor, and Material. Excludes Handicap Ramp Concrete, (Complete-in-place).	10	EA	<u>\$200.00</u>		
16-E	6 CM Red and Gray Holland Pavers (SD-501.01) - Includes Materials, Installation with soldier course and 90 degree herringbone pattern, Granite Screening or Riversand for Leveling Course, etc. (Complete-in-place) (MATCH EXISTING COLORING AND PATTERN).	400	SF	<u>\$10.00</u>		

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Item	Description	Approx. Quantity	Unit of Measure	Unit Price	Additional Quantity	Additional Contract Amount
16-F	Stamped Concrete Crosswalk (SD-504.01) Brick Red in Color (SD-503.01) - Includes Installation of 10" thick Stamped Concrete Crosswalk (Herringbone Pattern with Soldier Course), Excavation, 4" Stone Base, Expansion Joints, Labor and other Incidentals, etc. Excludes Reinforcing Steel (Complete-in-place).	3,000	SF	\$15.00	796	\$11,940.00
16-G	Integral Concrete Pavement Gray in Color - Includes Installation of 10" thick Concrete Pavement, 4" Stone Base, Expansion Joints, Labor and other Incidentals, etc. Excludes Reinforcing Steel (Complete-in-place).	3,000	SF	\$10.50	2037	\$21,388.50
16-H	#10 Smooth Bars to be received by Concrete Crosswalk and Pavement (SD-504.01) - Includes #10 Smooth Bars 18" long @ 12" O.C., drilling existing as necessary, grasing as needed, labor, and other incidentals, etc. (Complete-in-place)	300	EA	\$8.50	206	\$1,751.00
17	<u>Cement Concrete Curb, Gutter, or Combined Curb and Gutter</u>					
17-A	City Standard Type 'A' Curb and Gutter (SD-202.01) - Includes excavation, backfill, stone, concrete, etc., (Complete-in-Place).	2,000	LF	\$23.00	1594	\$36,662.00
17-B	City Standard Detached Curb (SD-201.01) - Includes excavation, backfill, stone, concrete, etc., (Complete-in-Place).	1,000	LF	\$18.50	1258	\$23,273.00
17-C	City Standard Extruded Mountable Curb (SD-203.02) - Includes excavation, backfill, stone, concrete, etc., (Complete-in-Place).	400	LF	\$7.50		
18	<u>Asphalt Driveway Repair</u>					
18-A	Asphalt Driveway Pad - Includes 6" Mineral aggregate base, 98% Compaction 303-01, Type 'A', Grading "D", 2" 'E' Topping, SD-703.01 (Complete-in-place).	400	SF	\$6.50		
18-B	Asphalt Driveway Pad - Includes Aggregate-Cement Base 6" thickness, 5% PC by dry unit weight, (Complete-in-place).	400	SF	\$7.00		
19	<u>Tree and/or Stump Removal</u>					
19-A	Tree and/or Stump Removal, 4-inch - 12-inch Diameter (Complete-in-place).	5	EA	\$230.00		
19-B	Tree and/or Stump Removal, 12.01-inch - 24-inch Diameter (Complete-in-place).	5	EA	\$460.00		
19-C	Tree and/or Stump Removal, 24.01-inch - 36-inch Diameter (Complete-in-place).	5	EA	\$1,000.00		
19-D	Tree and/or Stump Removal, 36.01-inch - 48-inch Diameter (Complete-in-place).	5	EA	\$2,000.00		
26	<u>Bituminous Plant Mix Binder</u>					
26-A	Asphaltic concrete binder, Grading "B", includes primecoat, 2.5-inch depth, (Complete-in-place).	1,000	SF	\$3.85		
27	<u>Asphaltic Concrete Surface</u>					
27-A	Asphaltic concrete surface, Grading "E", includes tackcoat, 1.5-inch depth, (Complete-in-place).	1,000	SF	\$3.00		
31	<u>Concrete Pipe for Storm Sewers and Culverts</u>					
31-A	15-inch Reinforced Concrete Pipe - Includes excavation (up to 6-foot depth), bedding, backfill, stone, labor, other incidentals, etc., SD-700.01 (Complete-in-Place).	100	LF	\$100.00		
31-B	18-inch Reinforced Concrete Pipe - Includes excavation (up to 6-foot depth), bedding, backfill, stone, labor, other incidentals, etc., SD-700.01 (Complete-in-Place).	100	LF	\$135.00		

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31-C	24-inch Reinforced Concrete Pipe - Includes excavation (up to 6-foot depth), bedding, backfill, stone, labor, other incidentals, etc., SD-700.01 (Complete-in-Place).	100	LF	\$165.00		
31-D	30-inch Reinforced Concrete Pipe - Includes excavation (up to 6-foot depth), bedding, backfill, stone, labor, other incidentals, etc., SD-700.01 (Complete-in-Place).	100	LF	\$180.00		
31-E	12" Trench Drain, see attached 12" X 10' Trench Detail, including excavation, backfill, grate, reinforced steel, etc., (Complete-in-place).	50	LF	\$175.00		
33	<u>Adjusting Manhole Frames</u>					
33-A	Manhole Adjustment to Finished Grade - Includes Excavation, Backfill, Riser, Concrete, Brick, or any other Incidentals, etc., (Complete-in-place).	5	EA	\$250.00	4	\$1,000.00
34	<u>Catch Basins, Curb Inlets, Miscellaneous</u>					
34-A	City Standard Brick Catch Basin with Back (SD-608.01) - Includes Excavation up to 6-foot depth, Bedding, Backfill, Brick, Frame and Grate (SD-608.02), Labor, and other Incidentals, etc. (Complete-in-Place).	5	EA	\$2,850.00		
34-B	City Standard Precast Catch Basin with Back (SD-608.02 Notes 3-6) - Includes Excavation up to 6-foot depth, Bedding, Backfill, Precast Structures, Frame and Grate, Labor, and other Incidentals, etc. (Complete-in-Place).	5	EA	\$3,000.00		
34-C	Standard Curb Inlet 48-inch Diameter (SD-609 and SD-610) - Includes Excavation up to 6-foot depth, Bedding, Backfill, Concrete or Brick or Precast, Frame and Lid, Labor, and other Incidentals, etc. (Complete-in-Place).	5	EA	\$2,800.00	2	\$5,600.00
34-D	<u>Allowance</u> - Non-Standard Cast-in-Place Structure(s) - Includes Excavation, Bedding, Backfill, Concrete, Steel, Frame and Lid, Labor and other Incidentals, etc. (Cost to be determined on a case-by-case basis).	1	AL	5000.00		
36	<u>Topsoil</u>					
36-A	Topsoil (3-inch depth), Permanent Seed, and Straw (Complete-in-place).	1,000	SY	\$3.50	525	\$1,837.50
36-B	Treewell - Includes Excavation 3-foot Depth, Topsoil, 4'x8' Treewell per SD-500.01, etc. (Complete-in-Place), Tree Not Included.	20	EA	\$475.00		
36-C	Treewell with 'White Shield' Osage Orange, 2.5" caliber - available from Bold Spring Nursery in Georgia - Includes Excavation 3-foot Depth, Topsoil, 4'x8' Treewell per SD-500.01, etc. (Complete-in-Place).	5	EA	\$910.00		
36-D	Treewell with 'Dynamite' Crapemyrtle, 6' to 8' in height - Includes Excavation 3-foot Depth, Topsoil, 4'x8' Treewell per SD-500.01, etc. (Complete-in-Place).	5	EA	\$700.00		
36-E	Treewell with 'Aeryn' Trident Maple, 2.5" caliber - Includes Excavation 3-foot Depth, Topsoil, 4'x8' Treewell per SD-500.01, etc. (Complete-in-Place).	5	EA	\$950.00		
36-F	Treewell with 'Princeton Sentry' Ginkgo, 2.5" caliber - Includes Excavation 3-foot Depth, Topsoil, 4'x8' Treewell per SD-500.01, etc. (Complete-in-Place).	5	EA	\$960.00		
98	<u>Slope Protection and Erosion Control</u>					

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Item	Description	Approx. Quantity	Unit of Measure	Unit Price	Additional Quantity	Additional Contract Amount
98-A	Erosion Control Inlet Protection - Silt-Saver, Siltsack, Gutterbuddy, or as directed by Engineer. (Complete-in-Place).	5	EA	\$40.00	3	\$120.00
98-B	Silt Soxx or approved equal (Complete-in-place).	200	LF	\$3.00		
717	<u>Mobilization</u>					
717-A	Mobilization, including bid bond, performance bond, payment bond, traffic control per MUTCD standards, etc.	1	LS	\$21,800.00		
1720	<u>Project Record Documents</u>					
1720-A	Final As-Built Drawings Price Per Structure	5	EA	\$1,500.00		
3575	<u>Flowable Controlled Low Strength Material (CLSM)</u>					
3575-A	Flowable Fill, as per City Street Cut Ordinance 12337, specifically Section 32-67.e. (Complete-in-Place).	100	CY	\$110.00		
16111	<u>Conduit</u>					
16111-A	Two (2) 2-inch SCH 40 PVC Conduit - Includes Excavation, Stone, Backfill, Labor, Materials Required for Installation, etc. (Complete-in-Place).	1,000	LF	\$16.75		
16111-B	One (1) 4-inch SCH 40 PVC Conduit - Includes Excavation, Stone, Backfill, Labor, Materials Required for Installation, etc. (Complete-in-Place).	50	LF	\$34.50		
16111-C	One (1) 4-inch SCH 80 PVC Conduit - Includes PVC Pipe, Straps, Fittings, Installation above Sidewalk Surface to Terminus Point, etc. (Complete-in-Place).	50	VF	\$35.75		
16111-D	Handhole Box - Includes Excavation, Backfill, Pick-up and Installation, Box provided by EPB, etc. (Complete-in-Place).	20	EA	\$250.00		
16111-E	Handhold Box with Red Concrete Collar - Includes Excavation, Backfill, Pick-up and Installation, Red Concrete Collar to match Hollarnd Pavers (SD-501.01), Box provided by EPB, etc. (Complete-in-place).	5	EA	\$550.00		
16111-F	Pedestrian Light Foundation - Includes Excavation, Backfill, Concrete, Steel, Bolts, 2 - 1-inch PVC to Box, etc. (Complete-in-Place).	20	EA	\$800.00		
MISC	<u>Miscellaneous Structures Drums and signs</u>					
509.01	Install Pervious Concrete Tree Well Surface (SD-509.01) (Complete-in-place)	400	SF	\$12.50		
TPXD-1	TrafficPattern XD Crosswalks (Complete-in-place).	300	SF	\$23.50		
	Truck Curb		LF	\$45.00	236	\$10,620.00

Subtotal Additional Amount	\$205,006.75
+ 10% Contingency	\$20,500.68
Grand Total Additional Amount	\$225,507.43