

COPY

Source:
John Glascock

Agenda Item No. _____

FISCAL and VISION NOTES:

TO: City Council

FROM: City Manager and Staff

DATE: November 7, 2011

RE: Broadway Sidewalk from Eighth Street to Ninth Street
Engineer's Final Report and Levying Special Assessments

City Fiscal Impact Enter all that apply:	
\$194,049	City's current net FY cost.
\$194,049	Amount of Funds Already appropriated
\$22,858.25	Amount of budget amendment needed
	Estimated 2 yr net costs:
\$0	One-time
\$0	Operating / On-going
Program Impact:	
N	New program/ agency (Y/N)
N	Duplicates/expands an existing program (Y/N)
N	Fiscal impact on any local political subdivision (Y/N)
Resources Required:	
N	Requires add'l FTE personnel? (Y/N)
N	Requires additional facilities? (Y/N)
N	Requires additional capital equipment? (Y/N)
Mandates:	
N	Federal or state mandated? (Y/N)
Vision Implementation Impact Enter Below All That Applies: Refer to Website:	
Y	Vision Impact? (Y/N or if N, go no further)
Item #13.1.3	Primary Vision, Strategy and/or Goal Item#
Item #	Secondary Vision, Strategy and/or Goal Item#
Task #	FY10/FY11 Implementation Task#

EXECUTIVE SUMMARY:

Staff has prepared for Council consideration an ordinance accepting the Engineer's Final Report, accepting and approving the work, levying special assessments, issuing tax bills, approving and accepting Change Order No. 1 and Change Order No. 2, and appropriating funds, for the Broadway sidewalk project from Eighth Street to Ninth Street.

The resolution estimate was \$250,000 (\$125,000 for the sidewalk portion and \$125,000 for the waterline construction). The total sidewalk project cost was \$114,621.26 and the waterline construction cost was \$79,428.00. Funding for this project is from adjacent property owners, Water and Electric Capital Improvement project funds, and Capital Improvement Sales Tax funds.

DISCUSSION:

The project involved the reconstruction of sidewalk and installation of a 12" water main along the south side of Broadway from Eighth Street to Ninth Street. The existing sidewalk along this corridor did not meet the city downtown sidewalk standard. The sidewalks had excessive cross slope and at many locations the existing surface was deteriorated.

Included in the sidewalk project was electrical conduit for street lights, tree grates and decorative brick pavers. The length of sidewalk replaced was 187 feet. Two vaults under the sidewalk were filled and capped as well as two skylights. The parking area was patched and overlaid with asphalt.

The new 12" waterline connecting the existing waterlines under both Eighth Street and Ninth Street was constructed by Columbia Water & Light forces. The adjacent owners upgraded their water service pipe size to provide domestic service and for future required fire flow service. Replacing the existing service connections to the new line allowed disconnecting the existing service lines.

The Final Work Order is an increase of \$17,462.26 which includes Change Order No. 1 for the removal of the planter on the northeast corner of Broadway and Eighth Street, and Change Order No. 2 for the additional vault patching and backfill discovered while removing old sidewalk pavement in front of 806 and 810 E. Broadway.

According to city ordinance and policy, 50% of eligible sidewalk costs in the central business district are to be paid by special assessments levied against abutting properties. The eligible cost for the 50/50 split is \$45,716.50. If tax bills are assessed, they will \$22,858.25. The tax bill rate for this sidewalk project is \$122.2366 per abutting foot and was determined from contract bid prices.

FISCAL IMPACT:

The final cost for the sidewalk portion of this project is \$114,621.26 (\$46,357.76 city responsibility, \$45,716.50 eligible for 50/50 cost share and \$22,547.00 for street patching for water line). If levying special assessments against the lots and parcels abutting this sidewalk improvement is approved by Council, \$22,858.25 will be paid from tax bills.

The final cost for the waterline construction was \$79,428.00 and was paid from Water and Electric Capital Improvement funds.

VISION IMPACT:

Give proper funding, priority, and support to repairing, connecting, and expanding the city sidewalk system. Increase the pace of sidewalk improvements.

SUGGESTED COUNCIL ACTION:

Approve the ordinance accepting the Engineer's Final Report, accepting and approving the work, levying special assessments, issuing tax bills, and approving and accepting Change Order No. 1 and Change order No. 2, and appropriating funds, for the Broadway sidewalk project.

Introduced by _____

First Reading _____

Second Reading _____

Ordinance No. _____

Council Bill No. B 329-11

AN ORDINANCE

authorizing the City Manager to execute Change Order No. 1 and Change Order No. 2 to the contract with JC Industries, Inc. for the reconstruction of the sidewalk along the south side of Broadway, from Eighth Street to Ninth Street; setting forth the nature and amount of change; accepting and approving the work; approving the report of the Director of Public Works; levying special assessments and authorizing the issuance of special tax bills against the lots and parcels of ground specially benefited and abutting the improvements; appropriating funds; and fixing the time when this ordinance shall become effective.

WHEREAS, construction of sidewalk improvements along the south side of Broadway, from Eighth Street to Ninth Street was authorized by Ordinance No. 020639 passed on June 7, 2010; and

WHEREAS, this public improvement has been completed by JC Industries, Inc.; and

WHEREAS, the Council has received the final report of the Director of Public Works in connection with this street construction, has held a public hearing prior to the commencement of the construction and has held a second public hearing regarding the levy and amount of special assessments in connection with the street construction project; and

WHEREAS, the Council has given due consideration to the comments of interested parties, the special benefits to the abutting properties, detriment, if any, to the abutting properties, the effect of the sidewalk construction on the present use of the property and general benefits to the general public in making the determinations set forth herein; and

WHEREAS, it is the determination of the Council that the properties fronting and abutting the sidewalk have realized one or more of the following special benefits as a result of the construction including, but not limited to, increased property values, salability of the properties, increased potential for future use, improved storm water drainage, improved access and parking; and

WHEREAS, it is the determination of the Council that the value of the special benefits to those properties fronting and abutting on the sidewalk is equal to, or greater than, the sum of \$122.2366 per abutting front foot.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF COLUMBIA, MISSOURI, AS FOLLOWS:

SECTION 1. The City Manager is hereby authorized and directed to execute Change Order No. 1 and Change Order No. 2 to the contract with JC Industries, Inc. for the construction of sidewalk improvements along the south side of Broadway, from Eighth Street to Ninth Street.

SECTION 2. The nature and amount of the changes are set forth in Exhibit "A" and Exhibit "B" attached hereto and made a part hereof as fully as if set forth herein verbatim.

SECTION 3. The construction of sidewalk improvements along the south side of Broadway, from Eighth Street to Ninth Street is hereby accepted and approved.

SECTION 4. The report of the Director of the Public Works Department, who was charged with the responsibility of personally inspecting the work as it progressed to see that the work was done in accordance with the estimate, plans, specifications and contract, the ordinance governing the same and the Charter of the City is hereby approved and accepted.

SECTION 5. Special assessments are hereby levied at a rate of \$122.2366 per front foot against the lots and parcels of ground specially benefited by this public improvement and fronting or abutting along the distance improved, in proportion to the number of fronting or abutting feet. The assessments are as follows:

ORIGINAL TOWN OF COLUMBIA MISSOURI, PLAT BOOK A @ PAGE 335

PARCEL NUMBER: 16-320-00-17-134.00 01

Against a tract of land as described as Tract 1 in the Warranty Deed recorded in Book 2148, Page 11 of the Boone County, Missouri Records (abutting 26.25 feet).

Special Assessment: \$3,208.71

PARCEL NUMBER: 16-320-00-17-133.00 01

Against a tract of land as described in the Warranty Deed recorded in Book 1627, Page 407 of the Boone County, Missouri Records (abutting 48.75 feet).

Special Assessment: \$5,959.03

PARCEL NUMBER: 16-320-00-17-132.00 01

Against a tract of land as described in part 1 of the Warranty Deed recorded in Book 546, Page 288 of the Boone County, Missouri Records (abutting 25 feet).

Special Assessment: \$3,055.92

PARCEL NUMBER: 16-320-00-17-131.00 01

Against a tract of land as described in the Warranty Deed recorded in Book 424, Page 892 of the Boone County, Missouri Records (abutting 24.5 feet).

Special Assessment: \$2,994.80

PARCEL NUMBER: 16-320-00-17-130.00 01

Against a tract of land as described in the Trustees Deed recorded in Book 1547, Page 287 of the Boone County, Missouri Records (abutting 25.5 feet).

Special Assessment: \$3,117.03

PARCEL NUMBER: 16-320-00-17-129.00 01

Against a tract of land as described in the Warranty Deed recorded in Book 2012, Page 213 of the Boone County, Missouri Records (abutting 25 feet).

Special Assessment: \$3,055.92

PARCEL NUMBER: 16-320-00-17-128.00 01

Against a tract of land as described in the Quit Claim Deed recorded in Book 739, Page 53 of the Boone County, Missouri Records (abutting 12 feet).

Special Assessment: \$1,466.84

SECTION 6. The City Clerk is hereby authorized and directed to issue special tax bills immediately against the lots, tracts and parcels of ground as described above which are hereby declared to have been specially benefited in the amounts assessed against them. The tax bills shall be signed by the City Clerk under the corporate seal of the City. The City Clerk shall register the tax bills in the office of the Director of Finance for collection. The special tax bills shall mature and shall be due and payable sixty (60) days after the date of issue. After the expiration of sixty (60) days, the tax bills shall bear interest at the rate of 3.25 percent per annum on the unpaid balance until paid.

SECTION 7. The sum of \$22,858.25 is hereby appropriated from the Special Assessment Tax Bills Revenue Account No. 440-0000-480.40-00, C00455 to the Broadway Sidewalk 8th – 9th Project Account No. 440-8800-528.49-90, C00455.

SECTION 8. This ordinance shall be in full force and effect from and after its passage.

PASSED this _____ day of _____, 2011.

ATTEST:

City Clerk

Mayor and Presiding Officer

APPROVED AS TO FORM:

City Counselor

CERTIFICATION: I certify there are sufficient funds available in the Special Assessment Tax Bills Revenue Account No. 440-0000-480.40-00, C00455 to cover the above appropriation.

Director of Finance



First National Bank & Trust Co.
 O.C.D. bk. 863, pg. 291
 parcel 16-320-00-17-110.00 01

First National Bank & Trust Co.
 W.D. bk. 2099, pg. 52
 parcel 16-320-00-17-111.00 01

Lemone Family Limited Partnership
 W.D. bk. 1158, pg. 704
 parcel 16-320-00-17-112.00 01

LIMITS OF BROADWAY AND EIGHTH STREETSCAPE

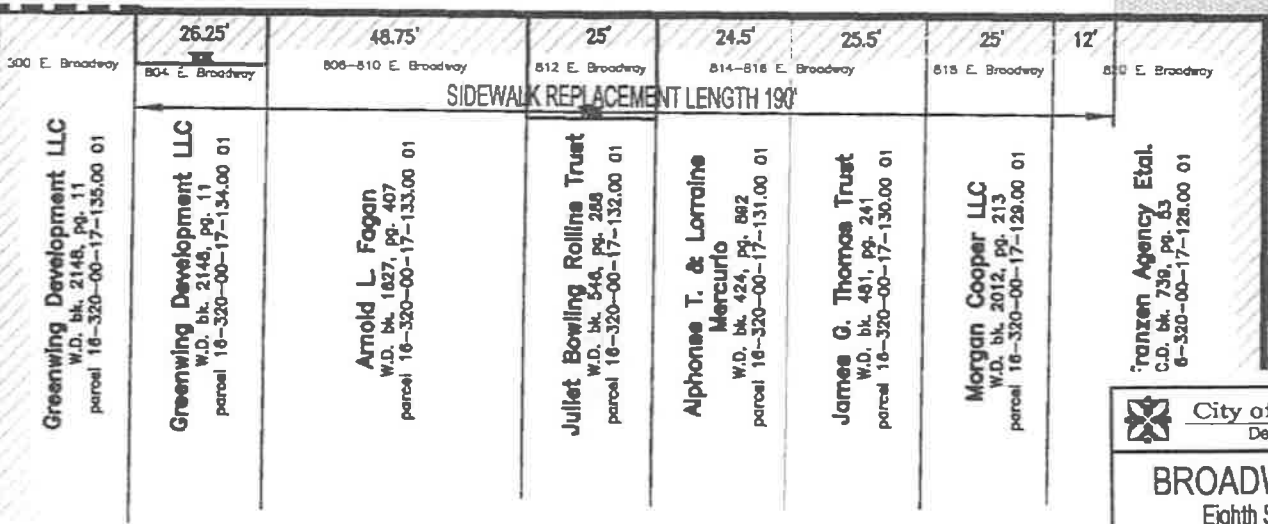
SIDEWALK REPLACEMENT

WATER LINE CONSTRUCTION

BROADWAY

EIGHTH STREET

NINTH STREET



City of Columbia, Missouri
 Department of Public Works

BROADWAY SIDEWALK
 Eighth Street to Ninth Street

Scale: None Drawn: B.S./K. Date: 10/25/11

Broadway Sidewalk Reconstruction Project

	B	D	E	F	G	H	I
1	OWNER	MAIL	CITY	STATE	ZIP	Phone Number	Notified On This Date
2	Greenwing Development Contact. Juanita Kidwell	P.O Box 756	Columbia	MO	65205	874-4000	Informed Mary Wolf of impending public hearing on 10/4/2011
3	Arnold Fagan	810 E. Broadway #D	Columbia	MO		442-4460	Informed Arnold Fagan of impending public hearing on 10/4/2011
4	Juliet Bowling Rollins Trust, first National Bank Trustee contact: Earl Chandler	P.O. Box 1867	Columbia	MO	65202-1867	499-7333	Chandler on Vacation. Call back for Damon Ewins on 10/5/11 Left message with Mr. Ewins on 10/5/11
5	Alphonse T. & Lorraine Mercurio C/O Saffee's	227 E High Street	Jefferson City	MO	65101-0000	573-636-4512	Left message on 10/4/2011. Steve Mercurio will call me back
6	James G. Thomas Trust C/O American Shoe Store	221 E High Street	Jefferson City	MO	65101-0000	573-636-8313	Informed Sarah Thomas Quinn (Daughter) of impending public hearing on 10/4/2011
7	Morgan Cooper LLC ATT: Jeff Z.	408 S. Garth Avenue	Columbia	MO	65203	442-5296	Informed Jeff Zimmerschied @ Morgan Cooper LLC of impending public hearing on 10/5/2011
8	John Franzen Agency Etal C/O A & B Management	813 East Walnut	Columbia	MO	65201	443-2081	Informed John Watkins @ A&B of impending public hearing on 10/4/2011
9							
10							
11							
12							
13							
14							
15							
16							



CITY OF COLUMBIA, MISSOURI

PUBLIC WORKS DEPARTMENT

Engineer's Final Report Broadway Sidewalk Reconstruction Eighth Street to Ninth Street

Date: 9/21/2011

TO THE HONORABLE MAYOR AND CITY COUNCIL
CITY OF COLUMBIA, MISSOURI

Completion of the construction of the Broadway Sidewalk Reconstruction project by J.C. Industries of Jefferson City Missouri authorized by Ordinance 20639 approved June 7, 2010 is hereby reported:


This work was completed in accordance with the plans, specifications, and under the inspection, direction, and supervision of the Director of Public Works. The cost of the work is as follows:

Item Description	Total		Unit Cost	=	Total Cost
	Qty. Used	Units			
1.1 Pavement Patch	160	SY	\$76.00	=	\$12,160.00
1.2 Masonry Patching and Backfill for vault	1	LS	\$4,830.00	=	\$4,830.00
1.3 Partial Removal of Canopy Column	9	EA	\$277.00	=	\$2,493.00
1.4 Electrical Conduit for Street Lights	190	LF	\$2.75	=	\$522.50
1.5 Tree Well and Grate	3	EA	\$2,330.00	=	\$6,990.00
1.6 Sidewalk Skylight Removal, masonry patching	2	EA	\$450.00	=	\$900.00
1.7 Construction Staking	1	LS	\$3,880.00	=	\$3,880.00
1.8 Removal of Sidewalk Pavement (All Types)	290	SY	\$26.50	=	\$7,685.00
1.9 Sawcut of Existing Sidewalk for Removal	190	LF	\$11.35	=	\$2,156.50
1.10 Lights	190	LF	\$10.00	=	\$1,900.00
1.11 Reinforced PCC Sidewalk (downtown Detail)	2,560	SF	\$7.75	=	\$19,840.00
1.12 Traffic Control	1	LS	\$3,880.00	=	\$3,880.00
1.13 Mobilization	1	LS	\$6,375.00	=	\$6,375.00
1.14 Removal of Street Pavement	74	SY	\$23.00	=	\$1,702.00
1.15 Cold Milling	180	SY	\$12.25	=	\$2,205.00
1.16 Asphalt Overlay	360	SY	\$18.00	=	\$6,480.00
3.1 Brick paver Decorative Treatment	1	LS	\$13,160.00	=	\$13,160.00
			Subtotal	=	\$97,159.00
			Final Work Order	=	\$17,462.26

Total Abutting Tax Bill Footage	-	187.00
Tax Bill Rate Per Abutting Footage	-	\$ 122.2366
Total to be paid by Special Tax Bill	-	\$22,858.25
Total to be paid by Water and Electric Fund	-	\$22,547.00
Total to be paid by Capitol Improvement Sales Tax Funds	-	\$69,216.01
Final Work Order/Change Order	-	\$17,462.26
Original Contract Amount	-	\$97,159.00
Resolution Estimate	-	\$250,000.00

Respectfully submitted,

PUBLIC WORKS DEPARTMENT



John D. Glascock, P.E.

Director



CITY OF COLUMBIA, MISSOURI

PUBLIC WORKS DEPARTMENT

Change Order No. 1

PROJECT: Broadway Sidewalk Reconstruction - 8th Street to 9th Street

DATE: November 4, 2010

PROJECT NO.: 144/2010

CONTRACT DATE: August 30, 2010

CONTRACTOR: JC Industries Inc.
PO BOX 104567
Jefferson City, MO 65110

The planter in the Northeast corner of Broadway and 8th Street had previously sustained significant damage to the brick veneer. In addition, this planter prohibited adequate storm water drainage in the intersection. Therefore, the Director of Public Works directed that the planter be removed as part of the sidewalk project. J.C. Industries, Inc. agreed to perform the work on "Force Account" as per Section 4.4.2 of the "Street and Storm Sewer Specifications and Standards" of the City of Columbia, Missouri, May 2001.

You are directed to make the following change in this contract:

	UNIT	QUAN	COST	TOTAL
Equipment				
Sub-Trucking	HR	7	\$70.00	\$490.00
Backhoe W/Chipper	HR	7	\$130.00	\$910.00
Mini Excavator	HR	11	\$75.00	\$825.00
Roller	HR	2	\$100.00	\$200.00
Wacker	HR	3	\$70.00	\$210.00
JCI-Truck	HR	6	\$45.00	\$270.00
			Equipment Total	\$2,905.00
Personnel				
Supervisor	HR	10	\$60.00	\$600.00
Operator	HR	17	\$52.45	\$891.65
Laborer	HR	14	\$40.90	\$572.60
Carpenter	HR	9	\$47.82	\$430.38
Multiplier - Plus 35% for Labor				1.35
			Personnel Total	\$3,367.75
Materials				
			Invoice No.	
Base Rock				\$112.00
Christensen Asphalt		7094		\$787.61
Multiplier - Plus 15% for Materials				1.15
			Material Total	\$1,034.55
			FORCE ACCOUNT TOTAL	\$7,307.30

701 E. BROADWAY • P.O. BOX 6015 • COLUMBIA, MISSOURI 65205-6015

(573) 874-7250 • FAX (573) 874-7132 • TTY (573) 874-7251 • www.GoCOLUMBIAMo.COM

TOTAL <u>INCREASE</u> THIS CHANGE ORDER -	\$7,307.30
Original Contract Amount	\$97,159.00
Net changes due to previous change orders	\$0.00
Contract sum prior to this change order	\$97,159.00
Amount contract increased by this change order	\$7,307.30
CONTRACT AMOUNT TO DATE	\$104,466.30

The contract time shall remain unchanged.

I hereby certify that the above expenditure is within the purpose of the appropriation to which it is charged, Account No. ~~440-8800-528.~~, and that there is an unencumbered balance to the credit of such appropriation sufficient to pay therefore. ~~49-90, 000455~~

~~Lori Fleming~~ John Blattel
Director of Finance

Submitted by:

David A. Nichols
Assistant Director of Public Works

Accepted by:

Scott Puff
PROJECT MANAGER
JC Industries, Inc.
PO BOX 104567
Jefferson City, MO 65110

Approved by:

John D. Glascock
John D. Glascock, P.E.
Director of Public Works

Approved by:

Attested by:

~~Bill Watkins~~ Mike Matthes
City Manager

Sheela Amin
City Clerk



CITY OF COLUMBIA, MISSOURI

PUBLIC WORKS DEPARTMENT

Change Order No. 2

PROJECT: Broadway Sidewalk Reconstruction - 8th Street to 9th Street

DATE: November 5, 2010

PROJECT NO.: 144/2010

CONTRACT DATE: August 30, 2010

CONTRACTOR: JC Industries, Inc.
 PO BOX 104567
 Jefferson City, MO 65110

A previously undiscovered vault was found at 806-810 Broadway during construction. The vault was similar to the one shown on the construction plans, with the exception of unsuitable material which needed to be removed prior to the placement of lean concrete in two foot lifts. Two openings existed which required enclosure with masonry block and a footing. Also, it was determined that the stone foundations at 806-810 and 812 Broadway should receive waterproofing. J.C. Industries, Inc. agreed to preform the work on "Force Account" as per Section 4.4.2 of the "Street and Storm Sewer Specifications and Standards" of the City of Columbia, Missouri, May 2001.

You are directed to make the following change in this contract:

	UNIT	QUAN	COST	TOTAL
Equipment				
Mini Excavator	HR	4	\$75.00	\$300.00
JCI-Truck	HR	4	\$45.00	\$180.00
			Equipment Total	\$480.00
Personnel				
Operator	HR	8	\$52.45	\$419.60
Carpenter	HR	2	\$47.82	\$95.64
Multiplier - Plus 35% for Labor				1.35
			Personnel Total	\$695.57
Materials				
				Invoice No.
PEP Waterproofing @ 806 & 810				\$1,500.00
PEP Waterproofing @ 812				\$1,500.00
Concrete for footing @ 806 & 810	CY	7	\$86.88	3240 \$608.16
Multiplier - Plus 15% for Materials				1.15
			Material Total	\$4,149.38
			FORCE ACCOUNT TOTAL	\$5,324.96

TOTAL <u>INCREASE</u> THIS CHANGE ORDER -	\$5,324.96
Original Contract Amount	\$97,159.00
Net changes due to previous change orders	\$7,307.30
Contract sum prior to this change order	\$104,466.30
Amount contract increased by this change order	\$5,324.96
CONTRACT AMOUNT TO DATE	\$109,791.26

The contract time shall remain unchanged.

I hereby certify that the above expenditure is within the purpose of the appropriation to which it is charged, Account No. 440-8800-528, and that there is an unencumbered balance to the credit of such appropriation sufficient to pay therefore. 49-90, C00455

~~Lori Fleming~~ John Blattel
Director of Finance

Submitted by:

David A. Nichols
David A. Nichols, P.E.,
Assistant Director of Public Works

Accepted by:

Rich [Signature]
PROJECT MANAGER
JC Industries, Inc.
PO BOX 104567
Jefferson City, MO 65110

Approved by:

John D. Glascock
John D. Glascock, P.E.
Director of Public Works

Approved by:

~~Bill Watkins~~ Mike Matthes
City Manager

Attested by:

Sheela Amin
City Clerk

Christensen Asphalt

2505 Callaway County Road 269
 Columbia, MO 65202
 Phone 573-814-3308 Fax 573-814-0403

Invoice

Date	Invoice #
10/21/2010	7094

Bill To
J C Industries PO Box 104567 Jefferson City, MO 65101

Project

P.O. Number	Terms	Date Sold
	Net 30	10/21/2010

Tonnage	Product	Ticket Number	Price Each	Amount
5.82	BP-2	28401	64.00	372.48T
5.82	BP-2	28414	64.00	372.48T
		11.64 Total Tonnage		

Thank you for your business.	Subtotal	\$744.96
	Sales Tax (5.725%)	\$42.65
	Total	\$787.61

NOTICE TO OWNERS: Failure of this contractor to pay those persons supplying services or materials to complete this contract can result in the filing of a mechanic's lien on the property which is the subject of this contract pursuant to Chapter 429, RSMo. To avoid this result you may ask this contractor for "Lien Waivers" from all persons supplying services or materials for the work described in this contract. Failure to secure lien waivers may result in you paying for labor and materials twice. Customer consents to venue for any action to this contract being in Callaway County, Missouri and agrees to pay all collection costs, including attorney fees.



**WATERPROOFING &
FOUNDATION REPAIR**
251 Storage Road, Eldon, MO 65026
Office: (573) 392-1508 Fax: (573) 392-7778

Invoice

Date	Invoice #
10/19/2010	3468

Bill To
J.C. Industries, Inc. P O Box 104567 Jefferson City MO 65110

P.O. No.	Terms	Due Date
	Net 30	11/18/2010

Quantity	Description	Rate	Amount
2	AMOUNT REQUESTED PER OUR VERBAL AGREEMENT - Waterproof existing exposed foundation, drainage and backfill completed by contractor. Job Locations: 8th & 9th Street Sidewalk Project, Columbia MO (10% Retainage acknowledged)	1,500.00	3,000.00

All work is complete! Upon receipt of final payment, warranty will be issued within 5-7 days. There will be 1.5% interest added after 30 days	Total	\$3,000.00
	Payments/Credits	\$0.00
	Balance Due	\$3,000.00

Bill to:

J.C. Industries, Inc.
PO Box 104567
Jefferson City, MO 65110-4567
Phone: (573) 636-2711
Fax: (573) 636-6748

Purchase Order

PO#: 3240
Date: 8/16/2010
Job Name: Broadway Sidewalk Reconstruction
8th - 9th Street
Columbia, MO
RFQ #144/2010

Vendor:

Central Concrete
PO Box 1348
Columbia, MO 65205-1348
Phone: 573-443-2426
Fax: 573-256-8258

Ship to:

J.C. Industries, Inc.
Broadway Street
Columbia, MO

Item	Description	Units	Quantity	Unit Price	Extension
	Re: Broadway Sidewalk Reconstruction 8th - 9th Street Columbia, MO				
1	4000psi Fly Ash w/ Air - Material	CY	1	\$62.88	@ 7 c.y.
	4000psi Fly Ash w/ Air - Haul	CY	1	\$24.00	
	4000psi Fly Ash w/ Air - Total			\$86.88	
2	4 Bag Lean Mix - Material	CY	1	\$56.59	
	4 Bag Lean Mix - Haul	CY	1	\$24.00	
	4 Bag Lean Mix - Total			\$80.59	
3	Red Dye (1 Bag / CY)	CY	1	\$25.00	
	<i>Admixtures</i>				
4	Fiber Mesh (1.5 lbs/YD) (GENESIS Fibrillated Fibers)	YD	1	\$5.00	
5	Low Lignite Sand (Flatwork) (<.07 by weight)	YD	1	\$3.50	
6	Superplasticizer (10 oz/100# (6 Bag Mix))	YD	1	\$5.00	
7	NCA	%/YD	1	\$4.75	
8	Winter Service (Hot Water)	YD	1	\$4.50	
9	Calcium Chloride (Base on 6 Bag Mix)	%/YD	1	\$1.75	
				Total	\$
				Tax Exempt	
				Total Purchase Order	\$ 608.16 SC

Accepted Central Concrete
By _____
Title: _____
Date: _____
Signature _____

Authorization

Name: Brett Dudenhofer
Date: 8/16/2010
Title: Project Manager
Signature _____

Furnish complete with all parts and accessories required for proper installation, operation and maintenance to the jobsite in accordance with plans and specifications.