

CERTIFIED COPY OF ORDER

STATE OF MISSOURI }
County of Boone } ea.

October Session of the October Adjourned

Term. 20 12

In the County Commission of said county, on the 1st day of November 20 12

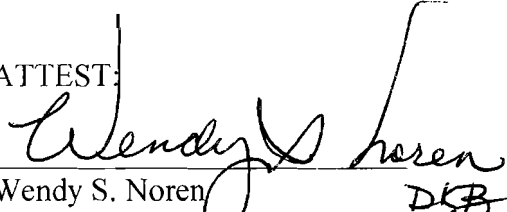
the following, among other proceedings, were had, viz:

Now on this day the County Commission of the County of Boone does hereby approve the following budget amendment for the Office of State Courts Administrator funding through the Annie E Casey Foundation for Juvenile Detention Alternatives to fund the "Sites Visits Funds" and the Evening Reporting Center through the end of December 2012.

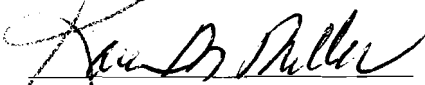
Department	Account	Department Name	Account Name	Decrease \$	Increase \$
1243	03451	Judicial Grants	State Reimbursement		2,500.00
1243	23400	Judicial Grants	Food		615.00
1243	23050	Judicial Grants	Other Supplies		1,810.00
1243	71100	Judicial Grants	Outside Services		75.00

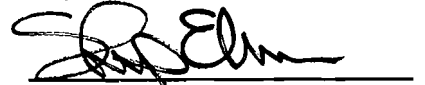
Done this 1st of November, 2012.

ATTEST:


Wendy S. Noren
Clerk of the County Commission


Daniel K. Atwill
Presiding Commissioner


Karen M. Miller
District I Commissioner


Skip Elkin
District II Commissioner

REQUEST FOR BUDGET AMENDMENT

BOONE COUNTY, MISSOURI

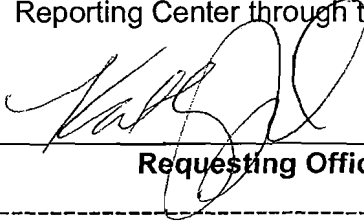
9/28/12

EFFECTIVE DATE

FOR AUDITORS USE

Department				Account					Department Name	Account Name	(Use whole \$ amounts)	
											Decrease	Increase
1	2	4	3	0	3	4	5	1	Judicial Grants	State Reimb.		2,500.00
1	2	4	3	2	3	4	0	0	Judicial Grants	Food		615.00
1	2	4	3	2	3	0	5	0	Judicial Grants	Other Supplies		1,810.00
1	2	4	3	7	1	1	0	0	Judicial Grants	Outside Services		75.00

Describe the circumstances requiring this Budget Amendment. Please address any budgetary impact for the remainder of this year and subsequent years. (Use attachment if necessary) OSCA funding through the Annie E. Casey Foundation for Juvenile Detention Alternatives to fund the "Sites Visits Funds" and the Evening Reporting Center through the end of December 2012.



 Requesting Official

TO BE COMPLETED BY AUDITOR'S OFFICE

- A schedule of previously processed Budget Revisions/Amendments is attached.
- A fund-solvency schedule is attached.
- Comments: *Budget Neutral*

Commission Agenda



 Auditor's Office



 PRESIDING COMMISSIONER



 DISTRICT I COMMISSIONER



 DISTRICT II COMMISSIONER

BUDGET AMENDMENT PROCEDURES

- County Clerk schedules the Budget Amendment for a first reading on the commission agenda. A copy of the Budget Amendment and all attachments must be made available for public inspection and review for a period of at least 10 days commencing with the first reading of the Budget Amendment.
- At the first reading, the Commission sets the Public Hearing date (at least 10 days hence) and instructs the County Clerk to provide at least 5 days public notice of the Public Hearing. **NOTE: The 10-day period may not be waived.**
- The Budget Amendment may not be approved prior to the Public Hearing.



State of Missouri

**Office of State Courts Administrator
Administrative Services Division**

Contract Period		Award Amount
Start Date	End Date	
1/10/12	10/30/12	\$2,500.00

JUVENILE DETENTION ALTERNATIVES INITIATIVE - JDAI

The Office of State Courts Administrator has received funding through the Annie E. Casey Foundation for Juvenile Detention Alternatives. Up to \$2,500. is available to each JDAI site for expenses not covered by Title II or county funds. Funding is available to develop plans for the upcoming year to address expenses for site travel and meal expenses for collaboration meetings; Proposals may include expenses for personnel to visit model sites and expenses for the Inter-Site conferences. Training expenses for JDAI core strategies may also be covered.

Contract Number	Vendor Number	
OSCA 12-042-08	4360003490-2	<input checked="" type="checkbox"/> Original Contract
		<input type="checkbox"/> Contract Amendment

Federal CFDA # (if applicable):

Court/Recipient Information	Project Director	OSCA Program Contact
Honorable Gary Oxenhandler 13th Judicial Circuit 705 E. Walnut Street Columbia, MO 65201	Rick Gaines Juvenile Officer 705 E. Walnut Columbia, MO 65201	Jay Rodieck 573-522-2043
		OSCA Fiscal Contact
		Melissa Kampeter 573-522-6773

Special Conditions of this award are attached. There are no special conditions of this award. Original RFP requirements only.

Funding as submitted for local and statewide implementation.

Requested Funding: \$2,500.00

Awarded Funding: \$2,500.00

Please Sign, Date and Return by Mail to:

Office of State Courts Administrator
Attn: Contracts Unit
PO Box 104480
Jefferson City, MO 65110-4480

In witness thereof, the parties below hereby execute this agreement.

Appointing Authority Signature		OSCA Signature
Printed Name	Date	Printed Name Gary Waibt
Presiding Judge Signature		Title Director, Court Business Services Division
Printed Name	Date	Date 1/11-12

Annie E. Casey Foundation - Juvenile Detention Alternatives Initiative

OSCA has funding through the Annie E. Casey Foundation for Juvenile Detention Alternatives. Up to \$2,500 is available to each JDAI site for expenses not covered by Title II or county funds. Funding is available to develop plans for the upcoming year to address expenses for site travel and meal expenses for collaboration meetings. Proposals may include expenses for personnel to visit model sites and expenses for the Inter-Site conferences. Training expenses for JDAI core strategies may also be covered. This plan may also include anticipated expenses for supplies, minor equipment or contractual services. Please see the attached sheet for additional requirements according to the foundation grant.

Budget Request

1) Please break down your funding request:

Budget Line Item	Approximate Cost	Budget Line Item	Approximate Cost
Funding for Evening Reporting Center	\$2,500.00		

Justification (attach additional sheets, if necessary)

1. How will this funding enhance your courts ability to meet outcomes of juvenile detention alternatives? Our Circuit contracts with a local not-for-profit organization to provide our Evening Reporting Center. Currently we have Title II funding that will cover the cost of this detention alternative through September 30, 2011. We are in our 3rd and final year of Title II funds and will be examining our 2012 budget for funding to continue to provide this alternative in addition to the other existing alternatives that we provide. We are asking for funds to assist us in covering the costs of an ERC from October 1-December 31, 2012. Currently with Title II funds we are paying \$402.50/week for up to seven youth to attend the ERC. This includes their evening meal, supervision and programming. With holidays and the closing of the ERC during these times, it is expected that we will need to cover 10 weeks of funding, which comes to \$4,025. Beginning January 1, 2013, we hope to have budgeted funds available to continue to cover the costs of our Evening Reporting Center. Offering a continuum of non-secure detention alternatives is a core strategy of JDAI and by being able to supplement our existing funds, we will be able to continue to

2. Provide a timeline and description of how the funding will be used. We would not use the funds until October 1, 2012 when our Title II funds run out. We will utilize all \$2,500 to assist us in covering the costs of the ERC through the end of December 2012, which is expected to cost approximately \$4,025.

For OSCA Internal Use Only

Yes No

1. Does this request fall within the scope of the Annie E. Casey Foundation approval?

2. Does this request meet the requirements of the OSCA requirements for uses of these grant funds?

3. Is it clear that funding will be expended and billed to OSCA by September 30, 2012?

4. Are there any special terms or conditions attached to this award?

Authorization (please print your name as well as your signature)

Circuit 13th	Presiding Judge (Signature) 	Date 12/27/11
OSCA 12-042-08	Division of Court Programs (Signature) 	Date 1/4/12

Return to:

Office of State Courts Administrator, Contracts Section
 2112 Industrial Drive, P.O. Box 104480, Jefferson City, MO 65110

CERTIFIED COPY OF ORDER

STATE OF MISSOURI }
County of Boone } ea.

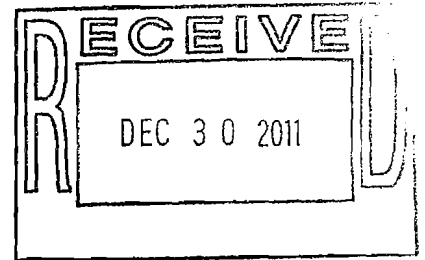
December Session of the October Adjourned

Term. 20 11

In the County Commission of said county, on the 29th day of December 20 11

the following, among other proceedings, were had, viz:

Now on this day the County Commission of the County of Boone does hereby approve the grant application by Boone County, Missouri for the Annie E. Casey Foundation – Juvenile Detention Alternatives Initiative grant.



Done this 29th day of December, 2011.

ATTEST:

Wendy S. Noren cc
Wendy S. Noren
Clerk of the County Commission

Daniel K. Atwill
Daniel K. Atwill
Presiding Commissioner

Karen M. Miller
Karen M. Miller
District I Commissioner

Skip Elkin
Skip Elkin
District II Commissioner

Annie E. Casey Foundation - Juvenile Detention Alternatives Initiative

OSCA has funding through the Annie E. Casey Foundation for Juvenile Detention Alternatives. Up to \$2,500 is available to each JDAI site for expenses not covered by Title II or county funds. Funding is available to develop plans for the upcoming year to address expenses for site travel and meal expenses for collaboration meetings. Proposals may include expenses for personnel to visit model sites and expenses for the Inter-Site conferences. Training expenses for JDAI core strategies may also be covered. This plan may also include anticipated expenses for supplies, minor equipment or contractual services. Please see the attached sheet for additional requirements according to the foundation grant.

Budget Request

1) Please break down your funding request:

Budget Line Item	Approximate Cost	Budget Line Item	Approximate Cost
Funding for Evening Reporting Center	\$2,500.00		

Justification (attach additional sheets, if necessary)

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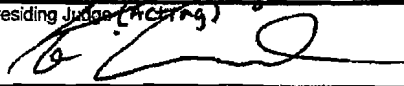
2. Provide a timeline and description of how the funding will be used. We would not use the funds until October 1, 2012 when our Title II funds run out. We will utilize all \$2500 to assist us in covering the costs of the ERC through the end of December 2012, which is expected to cost approximately \$4,025.

For OSCA Internal Use Only

Yes No

- | | | |
|--|--|--|
| 1. Does this request fall within the scope of the Annie E. Casey Foundation approval? | | |
| 2. Does this request meet the requirements of the OSCA requirements for uses of these grant funds? | | |
| 3. Is it clear that funding will be expended and billed to OSCA by September 30, 2012? | | |
| 4. Are there any special terms or conditions attached to this award? | | |

Authorization (please print your name as well as your signature)

Circuit 13 th	Presiding Judge (Acting) 	Date 12/29/11
OSCA	Division of Court Programs	Date

Return to: Office of State Courts Administrator, Contracts Section
2112 Industrial Drive, P.O. Box 104480, Jefferson City, MO 65110

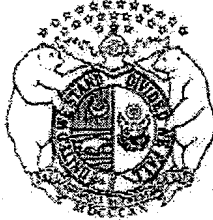
**Suggested List/Cost for Start-Up Items for ERC
Casey Funds**

<i>Item</i>	<i>Approximate Price</i>	<i>Misc. Info</i>
Snacks & Water	\$100.00	
MRT Books	\$1,750.00	70 books @ \$25.00 each
MRT DVD	\$60.00	
Meal Tickets	\$415.00	(this would be about 207 meals @ \$2.00 each)
Site Visits Funds	\$100.00	
Bus Tickets	\$75.00	100 @ .75 each
Total	\$2,500.00	

Any extra money from Microwave, snacks, supplies, etc. would go towards meal tickets.

THIRTEENTH JUDICIAL CIRCUIT COURT
ROBERT L. PERRY
JUVENILE JUSTICE CENTER

5665 N. Roger I. Wilson Drive
Columbia MO 65202-9099



Telephone 573-886-4450
Fax 573-886-4461

September 5, 2012

Jay Rodieck
Delinquency Coordinator
Court Business Services Section
Office of State Courts Administrator
P.O. Box 104480
Jefferson City, Missouri 65110

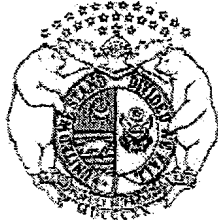
Re: Casey Funding

As noted in our email correspondence from August 29, 2012, I indicated that we had previously requested and been awarded \$2,500 from the Annie E. Casey Foundation Funds that OSCA has available and in our proposal submitted on December 22, 2011, we requested to use the funding to cover our existing Evening Reporting Center costs from October 1-December 31, 2012, as our Title II funding for the Evening Reporting Center will end on September 30, 2012. At the time we applied, I overlooked the fact that we had to spend this money by September 30, 2012, which is clearly not possible under our previous proposal. Also since I submitted our proposal in December 2011, we have decided to facilitate our own Evening Reporting Center which is scheduled to begin October 1, 2012. Our plan is to provide an Evening Reporting Center five nights per week, three of which will be staffed and facilitated by juvenile court personnel and two nights per week Evening Reporting Center participants will be at Missouri Boys and Girls Club for supervision and programming. Both sites will be providing a meal, snacks, etc. The programming we will provide at our Evening Reporting Center will primarily consist of Moral Reconciliation Therapy (MRT) but will also include other educational programming activities. I have attached our Evening Reporting Center schedule in addition to criteria for participation in the Evening Reporting Center.

We are now requesting to utilize the majority of the Casey funds to help pay for MRT programming books and DVD, transportation to/from the Evening Reporting Center, meals and snacks. All of these could be purchased prior to September 30, 2012 and utilized for several months following to assist us in covering the costs associated with our Evening Reporting Center. Lastly, I am requesting \$100 to help pay for costs associated with the JDAI

THIRTEENTH JUDICIAL CIRCUIT COURT
ROBERT L. PERRY
JUVENILE JUSTICE CENTER

5665 N. Roger I. Wilson Drive
Columbia MO 65202-9099

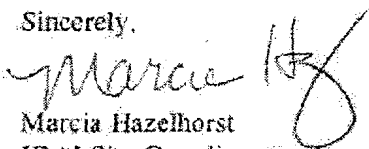


Telephone 573-886-4450
Fax 573-886-4461

Replication Site visit we are hosting on September 20-21, 2012. We did budget Title II funds, however we do not have enough funds to cover all of the meal, beverage and snack costs. If we do not utilize all of the \$100 we would ask that the remainder of those funds go towards additional bus passes for youth to go to and from the Evening Reporting Center. I have also attached these figures in the attached proposal for how the funding will be used.

Please let me know whether or not this new proposal is acceptable and when we are able to make these purchases.

Sincerely,


Marcia Hazelhorst
JDAI Site Coordinator

cc: Rick Gaines, Juvenile Officer

Attachments

CERTIFIED COPY OF ORDER

STATE OF MISSOURI

} ea.

October Session of the October Adjourned

Term. 20

12

County of Boone

In the County Commission of said county, on the

1st

day of

November

20

12

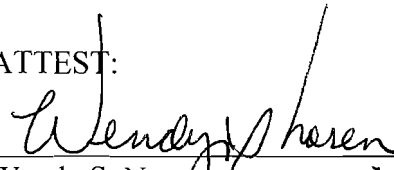
the following, among other proceedings, were had, viz:

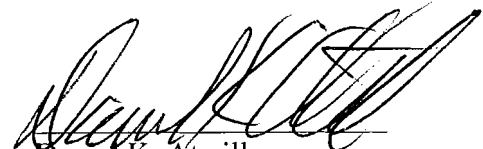
Now on this day the County Commission of the County of Boone does hereby approve the proposal for Consultant Services with Bartlett & West, Inc. The terms of this agreement are stipulated in the attached agreement.

It is further ordered the Presiding Commissioner is hereby authorized to sign said contract.

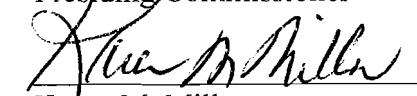
Done this 1st day of November, 2012.

ATTEST:

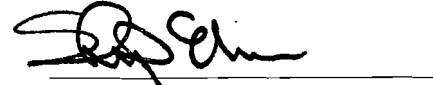

Wendy S. Noren *DNB*
Clerk of the County Commission



Daniel K. Atwill
Presiding Commissioner



Karen M. Miller
District I Commissioner



Skip Elkin
District II Commissioner

APPROVAL OF PROPOSAL FOR CONSULTANT SERVICES

Effective the _____ day of October, 2012, Boone County, Missouri, a political subdivision of the State of Missouri through its County Commission (herein "Owner") hereby approves and authorizes professional services by the Consultant referred to below for the services specified herein.

Consultant Name: Bartlett & West, Inc.; P.O. Box 31; Topeka, KS 66601

Project/Work Description: To provide engineering services and expertise in regard to a bridge replacement on Rustic Road.

Proposal Description: Prepare engineered plans for removal and replacement of Bridge No. 3310004 located in Boone County Missouri. Work to include permit preparation, easement preparation and other tasks as outlined in the attached proposal.

Modifications to Proposal: Fees and expenses shall not exceed \$69,800 without prior written approval of Owner.

This form agreement and any attachments to it shall be considered the approved proposal; signature by all parties below constitutes a contract for services in accordance with the above described proposal and any approved modifications to the proposal, both of which shall be in accordance with the terms and conditions of the General Consultant Services Agreement signed by the Consultant and Owner for the current calendar year on file with the Boone County Resource Management Department, which is hereby incorporated by reference. Performance of Consultant's services and compensation for services shall be in accordance with the approved proposal and any approved modifications to it and shall be subject to and consistent with the General Consultant Services Agreement for the current calendar year. In the event of any conflict in interpretation between the proposal approved herein and the General Consultant Services Agreement, or the inclusion of additional terms in the Consultant's proposal not found in the General Consultant Services Agreement, the terms and conditions of the General Consultant Services Agreement shall control unless the proposal approved herein specifically identifies a term or condition of the General Consultant Services Agreement that shall not be applicable or this Approval of Proposal indicates agreement with a specific term or terms of Consultant's proposal not found in the General Consultant Services Agreement.

BARTLETT & WEST, INC

By [Signature]
Title Vice President

Dated: 10-19-12

BOONE COUNTY, MISSOURI

By [Signature]
Presiding Commissioner

Dated: 11-01-12

APPROVED AS TO FORM:

[Signature]
County Attorney

ATTEST:

[Signature]
County Clerk DKB

APPROVED:

[Signature]
Resource Management Director

Certification:

I certify that this contract is within the purpose of the appropriation to which it is to be charged and there is an unencumbered balance of such appropriations sufficient to pay the costs arising from this contract.

[Signature] 10/25/12 2045-71102
Auditor Date

BARTLETT & WEST, INC.

**PROPOSAL FOR PROFESSIONAL SERVICES
FOR
RUSTIC ROAD BRIDGE REPLACEMENT
AND ROADWAY IMPROVEMENTS**

The ENGINEER agrees to provide professional services for the preparation of construction documents and other related services as detailed in Section A "Scope of Services", below.

A. SCOPE OF SERVICES

GENERAL BACKGROUND

The project involves the replacement of a bridge on Rustic Road south of Route WW on what serves as a boundary between Columbia and unincorporated areas of Boone County. The replacement structure will consist of a pre-engineered Con-Struct superstructure system set on reinforced concrete beam caps that are each founded on Geosynthetic Reinforced Soil Integrated Bridge System (GRS-IBS) foundations. While several states have successfully utilized the GRS-IBS and Con-Struct technologies on bridges, Missouri has yet to implement either of these systems that can be constructed more quickly than conventional bridges. The Rustic Road bridge replacement project was identified as a site that would benefit significantly from GRS-IBS and Con-Struct. The new structure, approximately 60' in length, will be skewed approximately 30° to 35° to better align with the channel and is anticipated to improve the existing hydraulic performance.

The Con-Struct Prefabricated Bridge System is composed of galvanized steel tub girders which are made composite with a precast concrete deck. The trapezoidal shape requires no welding or lateral bracing which eliminates fabrication of cross frames and the construction time required to erect them. Once the beam and deck sections are placed, they can be tied together by transverse post-tensioning and/or a cast-in-place concrete tie pour.

GRS-IBS integrates the abutments with the approaches and provides a smooth transition to each end of the bridge while protecting and retaining the approach materials. GRS-IBS includes a reinforced soil foundation (RSF), a GRS abutment and a GRS integrated/jointless approach that alleviates the "bump at the bridge" problem caused by differential settlement between bridge abutments and approach roadways. The bump often creates a chronic maintenance issue but also induces a live load impact load on the superstructure.

The existing structure over the North Fork of the Grindstone Creek is a 12 foot wide (rail to rail), 30 foot long, single span bridge consisting of a concrete deck on a steel beam floor system with vertical wall abutments that aren't aligned well with the creek. The MoDOT Non-State Structure Inspection Report (SIR) identifies the bridge with a Bridge No. 3310004 and Federal ID No. 21932. The bridge's deck, superstructure and substructure are in satisfactory, poor and fair conditions (ratings of 6, 4 and 5, respectively, on a scale of 0 – 9) according to the SIR and

the bridge can't be repaired cost-effectively. The bridge is load-posted for a 15 ton weight limit. The SI&A sheet also indicates that the bridge is deficient, has a sufficiency rating of 26.4% and is eligible for federal funding. Either BRO or soft-match credit could have been pursued through MoDOT if the project hadn't been selected in August 2012 for federal discretionary funding through the Innovative Bridge Research and Deployment Program.

Rustic Road is on a tangent alignment, approximately 18 feet wide in the area of the creek crossing (from the SIR) and is paved north of the creek and graveled south of the creek. The low-volume, low-speed road dead-ends about half of a mile south of the creek but provides access from Route WW to residents living on both sides of the creek. Reports from property owners indicate that overtopping of the road has occurred every few years since 1993. The last of the six overtopping events in 2009 damaged about 100' of pavement north of the bridge. The SIR indicates an Approach Roadway alignment rating of '7' (Good Condition), a Waterway Adequacy Rating of '7' and an Scour Assessment Rating of '5', indicating that the bridge foundations are stable but that the scour is within the limits of the footings. There is a Flood Insurance Study (FIS) for the creek, but No-Rise certification will not be required because the upstream limit of the FIS is downstream of Rustic Road.

Public Water Supply District 9 of Boone County has indicated that they do not have any waterlines within the project limits. The City of Columbia has electric utilities in the area but their exact locations have not yet been determined.

The professional services will incorporate Boone County and City of Columbia mapping (aerials, parcel lines and one foot contours), detailed field surveys to supplement the one foot contours, data collection for existing plats and property ownerships, hydrologic and hydraulic studies, geotechnical investigations, foundation design and detailing, limited structural design and detailing, roadway design and detailing, legal descriptions, detour plans, job special provisions, and environmental permitting (assumes a Nationwide 404 Permit, Floodplain Development Permit, Section 106 and other clearances normally required for projects with federal funding).

TASK 1 –SURVEY AND FIELD INVESTIGATION

- 1.1 County Assessor records will be researched for existing plats, property lines and easements on the adjacent properties. Services of a title company will be secured for ownership and encumbrance reports (assumes 3 properties) that provide easement information.
- 1.2 Request, obtain and review available aerial mapping, property lines and contours from Boone County. Assumes mapping will be provided at no cost to the project.
- 1.3 Request, obtain and review utility information within the project corridor.
- 1.4 Establish project horizontal and vertical control utilizing the MoDOT GPS Reference Station Network. The survey data will be based on the Missouri State Plane coordinate system 1983 datum with NAVD 88 vertical control.

- 1.5 Field survey the existing structure, streambed profile, and valley sections in the vicinity of the structure. Because of the roadway overtopping, develop roadway profile elevations to raise the grade a significant distance from just south of the bridge to north of the bridge where the road climbs out of the floodplain.
- 1.6 Locate section corners and property corners within the project area to establish section lines, property lines and existing right-of-way.
- 1.7 Perform One-Call request for utility locates. Field locate utilities based on City of Columbia information, One-Call markings and/or physical evidence of said utility.
- 1.8 Perform topographic survey in the general area of the improvements.
- 1.9 Establish benchmarks and horizontal control points to allow construction staking of the project.
- 1.10 Process the field data and draw the base map for the project using all survey data, topography, property lines, existing utility and other permanent easements, and generated contours. Develop valley sections and streambed profile in a format that can be used during hydraulic studies.
- 1.11 Prepare permanent easement/right-of-way and temporary easement documents (legal descriptions and exhibits only) to acquire necessary easements or right-of-way. The County will insert the legal descriptions and exhibits into their standard easement forms.

TASK 2 – PRELIMINARY DESIGN

- 2.1 Conduct a site visit for field measurements of the existing structure and field reconnaissance of “n” values and other project features.
- 2.2 Determine the 2-year, 5-year, 10-year, 25-year, 50-year, 100-year and 500-year runoff for the North Fork of the Grindstone Creek using the USGS Regression equations for Missouri as prescribed by MoDOT Engineering Policy Guide (EPG). Compare these values to the applicable runoffs from the Flood Insurance Study and the USGS Urban Regression equations for Missouri.
- 2.3 Develop the natural and existing conditions hydraulic models using HEC-RAS, existing stream channel and floodplain cross sections developed from provided contours and survey data, field measurement data for the existing structure and the existing roadway profile.
- 2.4 Develop proposed conditions hydraulic model using existing conditions model as basis for comparison, including an assessment of scour effects to be used to help determine any required protection of the GRS-IBS system at this location. An assessment will be made for raising the north approach to provide better access to

the portion of Rustic Road south of the creek during flood events. Work on the proposed conditions model and proposed roadway grade will also assess how a future trail along the creek could be accommodated.

- 2.5 Prepare Type, Size and Location drawings showing the bridge improvements and associated roadway details, including but not limited to utilities, right-of-way and easements, cross sections, typical section, etc. Update the base map to show any utility impacts and right-of-way and easement needs. Submit plans and cost estimates to County for review and comment.
- 2.6 Prepare a Bridge Memorandum that summarizes the type, size and location of the proposed bridge and roadway geometry, the cost estimate, and any design exceptions that may be needed.
- 2.7 Coordinate a subsurface investigation of geotechnical conditions via a qualified geotechnical subconsultant to obtain the applicable foundation and slope recommendations. Stake boring locations for geotechnical subconsultant. Scope of geotechnical services will also include determining design parameters for GRS-IBS.
- 2.8 Prepare a Design Layout document that summarizes the preliminary design of the proposed bridge improvements, including the substructure type(s) that will be used and a cost estimate.
- 2.9 Prepare the final Hydraulics and Scour Report that compares the natural and existing models to the final proposed model.
- 2.10 Develop and provide Floodplain Development Permit Application.
- 2.11 Prepare and submit permit applications to Boone County for 404 Permit (Nationwide) and land disturbance permit (if applicable). Boone County will be the applicant on the permits and will pay all applicable permit application fees. As this is a linear transportation project on the same alignment, no significant environmental or cultural resource screening or field investigations are envisioned beyond those identified in Section A "Scope of Services". Coordinate services provided by subconsultant for Section 106 certification.
- 2.12 Identify concerns and considerations regarding the design for discussion with Boone County and City of Columbia staff. Discuss any utility conflicts and relocation plans, the technical specifications, pay items, traffic control, erosion control, and specific construction notes to be incorporated into the final design submittals.

TASK 3 – FINAL DESIGN

- 3.1 Address comments from Boone County, City of Columbia and other entities providing review comments.

- 3.2 Perform structural design for the concrete beam cap on which the Con-Struct superstructure will set.
- 3.3 Perform design and design-check for the GRS-IBS abutment foundations. A subconsultant may be used for a portion of this task. That cost is included in the line item expense for geotechnical subconsultant.
- 3.4 Prepare and submit final plans and supporting information including but not limited to:
 - 3.4.1 Title sheet
 - 3.4.2 General notes and quantities
 - 3.4.3 Traffic control plan that includes details for any required temporary crossing needed for local residents during construction.
 - 3.4.4 Erosion control plan
 - 3.4.5 Typical section sheet
 - 3.4.6 Roadway plan sheet(s) with right-of-way, easements and utilities defined.
 - 3.4.7 Roadway plan sheets with profile grade change details, cross sections, drainage improvements along the north approach and any required guardrail and/or end treatments to the bridge.
 - 3.4.8 General bridge elevation, quantities and notes sheets
 - 3.4.9 Bridge substructure and GRS-IBS sheets
 - 3.4.10 Bridge superstructure sheets: typical section, geometry and rail details
 - 3.4.11 Bill of reinforcing
 - 3.4.12 Cost estimate
 - 3.4.13 Technical specifications and job special provisions, including but not limited to the requirements of the pre-engineered superstructure (load rating requirements, etc.).
 - 3.4.14 Working day study
- 3.5 Perform follow-up communications with permitting agencies (Corps of Engineers and DNR).
- 3.6 Address comments from Boone County, City of Columbia and other entities providing review comments.
- 3.7 Develop the project bid manual, develop and insert special provisions and reference the plans. Submit Microsoft WORD files for the job special provisions upon the completion of incorporating the County's review comments.
- 3.8 Submit a final set of signed and sealed plans and specifications for use in reproducing the documents. The submittal will be in PDF and WORD forms as needed. Boone County will handle coordination of plans and specifications with American Document Solutions.

3.9 Submit to Boone County the AutoCAD files for the plans.

TASK 4 – BIDDING PHASE SERVICES

- 4.1 Participate in the Pre-Bid meeting. County to conduct meeting and prepare necessary minutes.
- 4.2 Address bidder questions regarding the plans and contract documents during bidding phase. Notify contractors of the project's advertisement as may be needed.
- 4.3 Prior to the opening of the bid, the ENGINEER shall prepare and submit an opinion of probable construction costs to the CLIENT.

TASK 5 – PROJECT MANAGEMENT AND COORDINATION

- 5.1 Perform periodic reviews of project information from different engineering disciplines for quality assurance purposes. Perform a quality control review of the project deliverables at each submittal stage.
- 5.2 Perform a field check of the proposed improvements.
- 5.3 Perform duties necessary for administration of project contract. Prepare and administer project expenses and invoicing to County.
- 5.4 General communication with County. This includes email updates, phone conversations, and general correspondence on approximately a bi-weekly basis during the course of the project.
- 5.5 General communication and meetings with the City of Columbia, MoDOT, FHWA, the University of Missouri-Columbia and other organizations involved with the funding, implementation, construction and evaluation of the innovative bridge products and methods to be used on this project.

B. ADDITIONAL SERVICES (NOT INCLUDED)

If authorized by the CLIENT, the ENGINEER will provide services in addition to those previously stated. This work will only proceed upon written authorization from the CLIENT.

Design and construction phase services that would be available in a supplemental contract are as follows:

1. Attend an agreed-upon number of meetings, conducted and directed by the County, with individual property owners or groups of owners during the course of the project.
2. Attend bid opening meeting. Review bids and make recommendation of acceptance or rejection to County.

3. Attend the Pre-Construction Conference. County to conduct meeting and prepare necessary minutes.
4. Address limited questions that arise during construction regarding clarity of the plans, intent of the design and available information used in the design of the project.
5. Perform an agreed-upon number of field visits during construction to address contractor or County inquiry.

C. CLIENT'S RESPONSIBILITY

1. Make available to the ENGINEER all records, reports, maps, financial information and other data pertinent to provisions for the services required under this contract including one foot contour information. Assist ENGINEER in obtaining documents from the County assessor, as necessary.
2. Examine all plans, specifications and other documents submitted by the ENGINEER and render decisions promptly to prevent delay to the ENGINEER.
3. Designate one employee as the CLIENT's representative with respect to all services to be rendered under this agreement. This individual shall have the authority to transmit instructions, receive information and to interpret and define the CLIENT's policies and decisions pertinent to ENGINEER's services.
4. Obtain permission to access properties for surveys and field visit(s).
5. Negotiate with property owners, obtain executed easements and record easements with County Recorder of Deeds for the project.
6. Advertise the project for bids, prepare bid tabulations and award the contract.
7. Administer construction and perform construction oversight and observation.
8. Keep record drawings for future use. ENGINEER is not responsible for record drawings at conclusion of project.

D. TIME FOR COMPLETION

1. Notice to Proceed: October 5, 2012 (Anticipated)
2. Type, Size and Location Drawings: January 7, 2013
3. 100% Complete, Unsigned Easement Documents and Exhibits: February 4, 2013
4. 100% Complete, Unsigned Final Plans and Specifications: April 2, 2013
5. Signed & Sealed Easement Documents and Exhibits: April 2, 2013
6. Signed & Sealed Final Plans: May 6, 2013
7. Advertise for Bid: May 9, 2013
8. Open Bids: June 13, 2013

9. Begin Construction: August 12, 2013

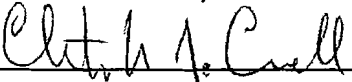
Assumes: 2-week review periods for County staff, easements will be granted without delay to the project schedule, permits will be granted in 60 days, and utilities can be avoided or relocated without delay to the project.

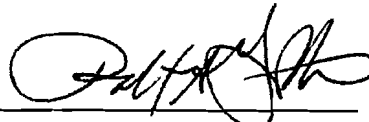
E. PAYMENTS TO THE ENGINEER

1. CLIENT agrees to compensate the ENGINEER for services in Section A as rendered in accordance with the hourly rates, unit prices and reimbursement rates for expenses as set forth in *General Consulting Services Agreement*, effective January 15th, 2012, to a not to exceed amount of \$69,800.
2. Fees and all other charges will be billed monthly on a lump sum basis for work performed as the work progresses. Invoices shall be submitted no more frequently than monthly. Partial payments shall not exceed the cumulative schedule:
 - 35% of Total Fee upon submittal of Type, Size and Location Drawings
 - 90% of Total Fee upon submittal of Unsigned Final Plans and Specifications
 - 100% of Total Fee upon the County's decision to award or not award the contract

Submitted By:

BARTLETT & WEST, INC.

By 
Chris J. Criswell, P.E.

By 
Robert A. Gilbert, P.E.

Title Project Manager

Title Vice President

Dated 9/20/12

10/22/12
REQUEST DATE

PURCHASE REQUISITION
BOONE COUNTY, MISSOURI
RECEIVED

~~Return to Auditor's Office~~
 Please do not remove staple

12345
VENDOR NO.

Bartlett & West, Inc
VENDOR NAME

Professional Services
BID NUMBER

OCT 24 2012
 BOONE COUNTY AUDITOR

Ship to Department # 2045

Bill to Department # 2045

Department	Account	Item Description	Qty	Unit Price	Amount
2045	71102	Engineering Design Services	Not to	Exceed	\$69,800.00
		on Rustic Road Bridge # 3310004			
		<i>Okay to issue - Savings from other class 7 accounts will cover this project.</i>			

GRAND TOTAL: 69,800.00

I certify that the goods, services or charges above specified are necessary for the use of this department, are solely for the benefit of the county, and have been procured in accordance with statutory bidding requirements.


Approving Official


Prepared By

CA 10/25/12
Auditor Approval

APPROVAL OF PROPOSAL FOR CONSULTANT SERVICES

Effective the _____ day of October, 2012, Boone County, Missouri, a political subdivision of the State of Missouri through its County Commission (herein "Owner") hereby approves and authorizes professional services by the Consultant referred to below for the services specified herein.

Consultant Name: Bartlett & West, Inc.; P.O. Box 31; Topeka, KS 66601

Project/Work Description: To provide engineering services and expertise in regard to a bridge replacement on Rustic Road.

Proposal Description: Prepare engineered plans for removal and replacement of Bridge No. 3310004 located in Boone County Missouri. Work to include permit preparation, easement preparation and other tasks as outlined in the attached proposal.

Modifications to Proposal: Fees and expenses shall not exceed \$69,800 without prior written approval of Owner.

This form agreement and any attachments to it shall be considered the approved proposal; signature by all parties below constitutes a contract for services in accordance with the above described proposal and any approved modifications to the proposal, both of which shall be in accordance with the terms and conditions of the General Consultant Services Agreement signed by the Consultant and Owner for the current calendar year on file with the Boone County Resource Management Department, which is hereby incorporated by reference. Performance of Consultant's services and compensation for services shall be in accordance with the approved proposal and any approved modifications to it and shall be subject to and consistent with the General Consultant Services Agreement for the current calendar year. In the event of any conflict in interpretation between the proposal approved herein and the General Consultant Services Agreement, or the inclusion of additional terms in the Consultant's proposal not found in the General Consultant Services Agreement, the terms and conditions of the General Consultant Services Agreement shall control unless the proposal approved herein specifically identifies a term or condition of the General Consultant Services Agreement that shall not be applicable or this Approval of Proposal indicates agreement with a specific term or terms of Consultant's proposal not found in the General Consultant Services Agreement.

BARTLETT & WEST, INC

By [Signature]
Title Vice President

Dated: 10-19-12

BOONE COUNTY, MISSOURI

By [Signature]
Presiding Commissioner

Dated: 11-01-12

APPROVED AS TO FORM:

[Signature]
County Attorney

ATTEST:

[Signature]
County Clerk

APPROVED:

[Signature]
Resource Management Director

Certification:

I certify that this contract is within the purpose of the appropriation to which it is to be charged and there is an unencumbered balance of such appropriations sufficient to pay the costs arising from this contract.

[Signature] 10/25/12 2045-71102
Auditor Date

531 -2012

CERTIFIED COPY OF ORDER

STATE OF MISSOURI }
County of Boone } ea.

October Session of the October Adjourned

Term. 20 12

In the County Commission of said county, on the 1st day of November 20 12

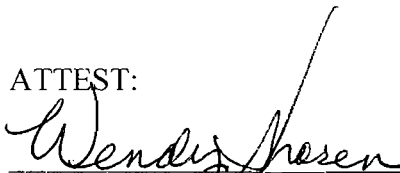
the following, among other proceedings, were had, viz:

Now on this day the County Commission of the County of Boone does hereby approve the following budget revisions to increase class 2 funds for Facilities Maintenance.

Department	Account	Department Name	Account Name	Decrease \$	Increase \$
6100	37210	Facilities Maintenance	Training	500	
6100	23850	Facilities Maintenance	Minor Equip & Tools		1,500
6100	71526	Facilities Maintenance	Disposal Services	1,000	
6100	86800	Facilities Maintenance	Emergency	7,500	
6100	23035	Facilities Maintenance	Maintenance Supplies		4,500
6100	23050	Facilities Maintenance	Other Supplies		3,000

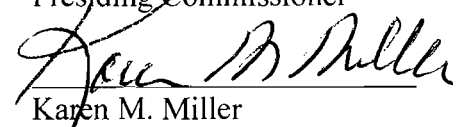
Done this 1st day of November, 2012.

ATTEST:

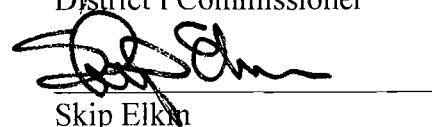

Wendy S. Noren *DKB*
Clerk of the County Commission


Daniel K. Atwill

Presiding Commissioner


Karen M. Miller

District I Commissioner


Skip Elkin

District II Commissioner

**BOONE COUNTY, MISSOURI
REQUEST FOR BUDGET REVISION**

Return to Auditor's Office
Please do not remove staple.

RECEIVED

OCT 23 2012

10/22/12
EFFECTIVE DATE

FOR AUDITORS USE

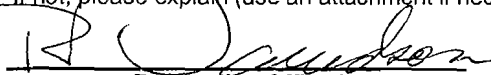
(Use whole \$ amounts)
Transfer From Transfer To
Decrease Increase

Dept	Account	Fund/Dept Name	BOONE COUNTY AUDITOR Account Name	Transfer From Decrease	Transfer To Increase
6100	37210	Facilities Maint	Training	500	
6100	23850	Facilities Maint	Minor equip & tools		6,500
6100	71526	Facilities Maint	Disposal Services	1,000	
6100	86800	Facilities Maint	Emergency	7,500	
6100	23035	Facilities Maint	Maintenance Supplies		4,500
6100	23050	Facilities Maint	Other Supplies		3,000
				<u>9,000</u>	<u>9,000</u>

Describe the circumstances requiring this Budget Revision. Please address any budgetary impact for the remainder of this year and subsequent years. (Use an attachment if necessary):

Numerous factors have lead to the depletion of class 2 funds for Facilities Maintenance. Please see attached for explanation.

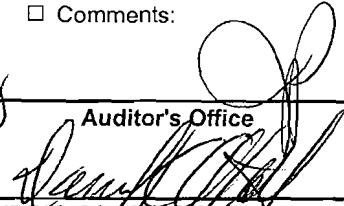
Do you anticipate that this Budget Revision will provide sufficient funds to compete the year? YES or NO
If not, please explain (use an attachment if necessary):


Requesting Official

TO BE COMPLETED BY AUDITOR'S OFFICE

- A schedule of previously processed Budget Revisions/Amendments is attached
- Unencumbered funds are available for this budget revision.
- Comments:

Agenda

cg

Auditor's Office
PRESIDING COMMISSIONER

 DISTRICT I COMMISSIONER
 DISTRICT II COMMISSIONER

Supplement to Request for Budget Revision

Description of circumstances requiring this Budget Revision:

Tools: Facilities Maintenance replaced numerous tools that were given to the Sheriff's Department maintenance staff when maintenance of that department's buildings separated from Facilities. The hire a newly budgeted employee required purchase of tools necessary for the employee to perform maintenance duties.

Lighting: In order to meet the requirements of the energy grant obtained by the County, Facilities purchased numerous energy efficient bulbs and ballasts for various County building sites. Also, there are 2 outstanding charges for p-card purchases that are for rope lighting and new bulbs for the plaza area. These charges total approximately \$1100.

Supplies: The addition of a new employee has allowed Facilities to complete more work orders at the various county sites than in previous years. Facilities now has 4 maintenance employees to perform work on all County buildings with the exception of the Public Works and Sheriff's Department sites. In order to complete these various projects and repairs, supplies must be purchased. Facilities painted the office of Commissioner Sara Miller, as well as purchased, stained and installed crown molding in that office. Also, Facilities purchased numerous supplies to get various areas in the Courthouse ready for the install of art lighting and an art display system. These represent some of the "out of ordinary" projects Facilities completed or will complete this year.

Do you anticipate that this Budget Revision will provide sufficient funds to complete the year? Unknown. There are still 2 ½ months remaining in the year. The dollar amounts requested will cover the deficit and give us approximately \$4,000 for all class 2 purchases for the remainder of the year.



Boone County Resource Management

ROGER B. WILSON GOVERNMENT CENTER
801 E. WALNUT ROOM 315 COLUMBIA, MO 65201-7730
(573) 886-4330 FAX (573) 886-4340

DIRECTOR
STAN SHAWVER

PLANNING - INSPECTIONS - ENGINEERING

CHIEF ENGINEER
DERIN CAMPBELL

TO: BOONE COUNTY COMMISSION

FROM: STAN SHAWVER

DATE: NOVEMBER 1, 2012.

RE: PROPOSED FEE INCREASE

In conjunction with preparation of the 2013 Annual Budget, a review of user fees collected by the Resource Management Department was conducted.

The last major review and adjustment to these fees occurred in 2002, with an adjustment to the building permit fees in 2005.

Sheet 1 includes a history of basic department fees back to 1973. Sheet 1 also shows the 2013 proposed fees for land use applications and includes a detail for similar fees collected by the city of Columbia.

Sheet 2 details just the land use fees that are included in Department 1710 (Planning & Zoning).

Sheet 3 details the proposed building permit fees for Department 1720 (Building Codes).

Sheet 4 provides examples of how building permit fees are calculated. Calculations have been provided for an average sized house; a pole barn; a modular or manufactured home; a modular home on a basement; and a mercantile building. The left side of Sheet 4 uses the current fees. The right side of Sheet 4 incorporates the proposed fees.

Sheet 5 provides the cost for a building permit in the city of Columbia using the same house footprint used on Sheet 4.

FEES

	1973 Fees	1980 Adjustment	1991 Fees	2002	Proposed	Columbia
Rezone *	50	60	100*	150*	\$ 300.00	\$200 - \$1000
CUP *	10	45	60*	100*	\$ 200.00	\$250.00
BOA *	15	45	60*	100*	\$ 150.00	\$250.00
Preliminary Plat					\$ 150.00	\$400.00
Plat **	15/2	15/2	50/2	100/4	\$200 + \$4/lot	\$200 + \$5/lot
Admin Survey				\$10.00	\$10.00	
M H P License	25	10(1976)	10	20	\$ 30.00	
Review Plan (PRD)	0		0	100	\$ 250.00	\$200 - \$1000
Final Plan (PRD)	0		0	75	\$ 100.00	
Building permit	0.01		0.05	TOC Method	TOC Method	
Basement	0.0025		0.05	TOC Method	TOC Method	
Remodel	0.01		10/5k-2/1k	20/5k-5/2k	\$30 - 1st \$5k / \$5 per \$2k	
open structure	0.01		** 0.05	0.02	\$ 0.04/ sq. Ft.	
Elec/HVAC	0		10	20	\$ 40.00	
Modular hm-fnd	0.01		0.05	0.05	\$ 0.08/sq.ft.	
Modular hm-bsmt	0.01		0.05	.05 + TOC	0.08/sq. ft. + TOC for bsmt	
Mobile home	0.01		0.05	0.05	\$ 0.08/sq.ft.	
MH/Park/elec.	0		5	20	\$ 30.00	
MH/Park/gas	0		5	20	\$ 30.00	
Minimum permit	0		0	20	\$ 30.00	
re-inspection	0		0	10	\$25 (MHP- \$15.00)	\$35.00 - \$75.00
Building Plan Review	0		0	100	\$ 300.00	50% of permit fee
constr. w/out permit	0.01		0.05	double fee	double fee	

* Applicants also pay for postage and advertising if required.

** Requires amendment to Subdivision Regulation.

TOC - Type of Construction method uses the gross area of a structure, the gross area modifier, the type of construction and a permit fee modifier to determine the permit fee for a particular building.

ZONING FEES

	1973 Fees	1980 Adjustment	1991	2002	Proposed	Columbia
Rezone *	50	60	100*	150*	\$ 300.00	\$200 - \$1000
CUP *	10	45	60*	100*	\$ 200.00	\$250.00
BOA *	15	45	60*	100*	\$ 150.00	\$250.00
Preliminary Plat					\$ 150.00	\$400.00
Plat **	15/2	15/2	50/2	100/4	\$200 + \$4/lot	\$200 + \$5/lot
Admin Survey				\$10.00	\$10.00	
M H P License	25	10(1976)	10	20	\$ 30.00	
Review Plan (PRD)	0		0	100	\$ 250.00	\$200 - \$1000
Final Plan (PRD)	0		0	75	\$ 100.00	

BUILDING PERMIT FEES

	Pre- 2002	2005 Fees	Recommendation
Building permit	\$ 0.05 / sq. ft. floor space	TOC Method *	TOC Method *
Basement	\$ 0.05 / sq. ft. floor space	TOC Method	TOC Method *
Remodel	\$10 for 1st \$5000/construction; \$2 / \$1000 after that.	\$20 for 1st \$5000 / \$5 per \$2000 above	\$30 for 1st \$5000 / \$5 / \$2000 above
Commercial remodel		\$30 for 1st \$5000 / \$5 / \$2000 above	\$50 for 1st \$5000 / \$7 per \$2000 above
Large open structure (pole barn)	\$ 0.05 / sq. ft. floor space	\$0.02 per sq. ft. floor space	\$0.04 per sq. ft. floor space
Elec/HVAC/Gas (change or upgrade)	\$10.00	\$20.00	\$40.00
Modular home on foundation	\$ 0.05 / sq. ft. floor space	\$ 0.05 / sq. ft. floor space	\$ 0.08 / sq. ft. floor space
Modular home on basement	\$ 0.05 / sq. ft. floor space	\$ 0.05 / sq. ft. floor space; TOC for basement	\$ 0.08 / sq. ft. floor space; TOC for basement
Mobile home	\$ 0.05 / sq. ft. floor space	\$ 0.05 / sq. ft. floor space	\$ 0.08 / sq. ft. floor space
MH/Park/electric permit	\$5.00	\$20.00	\$30.00
MH/Park/gas permit	\$5.00	\$20.00	\$30.00
Minimum permit	0	\$20.00	\$30.00
Minimum commercial permit		\$20.00	\$50.00
Re-inspection	0	\$10.00	\$25.00 (MHP - \$15.00)
Building Plan Review	0	\$100.00	\$300.00
Reactivate permit 1-89 days **		\$20.00	\$20.00
Reactivate permit 90-179 days **		\$50.00	\$50.00
Reactivate permit 180-364 days **		\$100.00	\$100.00
Reactivate permit 365 days **		1/2 current fee	1/2 current fee
Constr. w/out permit	\$ 0.05 / sq. ft. floor space	double fee	double fee

* TOC - Type of Construction method uses the gross area of a structure, the gross area modifier, the type of construction and a permit fee modifier to determine the permit fee for a particular building.
 Permit fee = Gross Area X Gross Area Modifier X Type of Construction Factor X Permit Fee Modifier
 Gross Area Modifier = 72
 Permit Fee Modifier (for 2005) = 0.0042
 Permit Fee Modifier (for 2013) = 0.0061

** Permits expire after 180 days of inactivity.

PERMIT CALCULATION

	sq. ft.	G A M	Con. Fact.	Permit Fee Multiplier	Fee
Residence	1600	72	0.69	0.0042	\$ 333.85
Residence 2nd floor	450	72	0.69	0.0042	\$ 93.90
basement (unfin)	200	72	0.2	0.0042	\$ 12.10
basement (fin)	500	72	0.4	0.0042	\$ 60.48
garage	300	72	0.2	0.0042	\$ 18.14
	3050				\$ 518.46

	sq. ft.	rate	Fee
Pole barn	2000	0.02	\$ 40.00

	sq. ft.	rate	Fee
Modular Home or Manufac. Home	1440	0.05	\$ 72.00

	sq. ft.	G A M	Con. Fact.	Permit Fee Multiplier	Fee
Modular home	1440			0.05	\$ 72.00
basement (unfin)	440	72	0.2	0.0042	\$ 26.61
basement (fin)	1000	72	0.4	0.0042	\$ 120.96
					\$ 219.57

	sq. ft.	G A M	Con. Fact.	Permit Fee Multiplier	Fee
Other (Mercantile use)	4000	72	0.64	0.0042	\$ 774.14

	sq. ft.	G A M	Con. Fact.	PFM	Fee
Residence	1600	72	0.69	0.0061	\$ 484.88
Residence 2nd floor	450	72	0.69	0.0061	\$ 136.37
basement (unfin)	200	72	0.2	0.0061	\$ 17.57
basement (fin)	500	72	0.4	0.0061	\$ 87.84
garage	300	72	0.2	0.0061	\$ 26.35
	3050				\$ 753.01

	sq. ft.	rate	Fee
Pole barn	2000	0.04	\$ 80.00

	sq. ft.	rate	Fee
Modular Home or Manufac. Home	1440	0.08	\$ 115.20

	sq. ft.	G A M	Con. Fact.	PFM	Fee
Modular home	1440			0.08	\$ 115.20
basement (unfin)	440	72	0.2	0.0061	\$ 175.68
basement (fin)	1000	72	0.4	0.0061	\$ 175.68
					\$ 466.56

	sq. ft.	G A M	Con. Fact.	PFM	Fee
Other	4000	72	0.64	0.0061	\$ 1,124.35

* TOC - Type of Construction method uses the gross area of a structure, the gross area modifier, the type of construction and a permit fee modifier to determine the permit fee for a particular building.
 Permit fee = Gross Area X Gross Area Modifier X Type of Construction Factor X Permit Fee Modifier
 G A M: Gross Area Modifier: the average cost per square foot adjusted regionally
 Con. Fact. - Type of Construction Factor: based on the construction material
 Permit Fee Multiplier = 75% Dept. Budget / Total Annual construction Value

COLUMBIA BUILDING PERMIT

	sq. ft.	Con. Cost	Value of con.	
Residence	1600	105.93	\$ 169,488.00	\$ 381.35 (\$2.25 per thousand dollars value)
Residence 2nd floor	450	105.93	\$ 47,668.50	\$ 107.25
Basement (unfin)	200	15	\$ 3,000.00	\$ 6.75
Basement (fin)	500	105.93	\$ 52,965.00	\$ 119.17
garage	300	39.83	\$ 11,949.00	\$ 26.89
	3050		\$ 285,070.50	\$ 641.41

Electric Service Panel	\$ 20.00	Base	\$ 641.41
15 circuits @ \$1.35 ea.	\$ 20.25	Elec.	\$ 40.25
Plumbing \$3.78/fixture	\$ 45.36	Plmb.	\$ 45.36
	12 fixtures	HVAC	\$ 21.60
HVAC	\$ 21.60	Dev. Chg.	\$ 1,525.00
Development Chrg.		Strm. Chg.	\$ 274.50
\$.50/sq. ft.	\$ 1,525.00	Total	\$ 2,548.12
Stormwater Dev. Chrg.	\$ 274.50		
\$.09 / sq. ft.			

(used for road construction)

(used for stormwater mgmt.)