FATE OF MISSOURI
 February Session of the February Adjourned
 Term. 20 01

 County of Boone
 February Commission of said county, on the
 27<sup>th</sup>
 day of
 February
 20 01

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

Now on this day the County Commission of the County of Boone does hereby approve the Review Plan for Midway Communications Subdivision located at 7301 W Henderson Rd, Columbia and authorize the Presiding Commissioner to sign the document.

Done this 27<sup>th</sup> day of February, 2001.

Don Stämper Presiding Commissioner

Karen M. Miller District I Commissioner

Skip Elkin District II Commissioner

ATTEST:

Wendy S. Noren Clerk of the County Commission

FATE OF MISSOURI<br/>County of Booneea.February Session of the February AdjournedTerm. 2001In the County Commission of said county, on the $27^{th}$ day ofFebruary2001

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

Now on this day the County Commission of the County of Boone does hereby receive and accept the Subdivision Plat for Midway Communications and authorize the Presiding Commissioner to sign said plat.

Done this 27<sup>th</sup> day of February, 2001.

Don Stamper Presiding Commissioner

. Miller

Karen M. Miller District I Commissioner

Skip Elkin \ District II Commissioner

AT\TEST:

Wendy S. Nøren Clerk of the County Commission

FATE OF MISSOURI	February Session of	the Februar	y Adjourned	Term. 20	01
County of Boone					
In the County Commission of said county, on the	$27^{\mathrm{th}}$	day of	February	20	01
d. C.B the second					

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

Now on this day the County Commission of the County of Boone does hereby receive and accept Williams Estate. S21-T48N-R12W. R-S. George and Ethel Williams, owners.

Done this 27<sup>th</sup> day of February, 2001.

Don Stamper <sup>*V*</sup> Presiding Commissioner

hille

Karen M. Miller District I Commissioner

Skip Elkin District II Commissioner

ATTEST:

Non Wendy S. Noren

Clerk of the County Commission

TATE OF MISSOURI<br/>County of Booneea.February Session of the February AdjournedTerm. 2001In the County Commission of said county, on the<br/>the following, among other proceedings, were had, viz:27<sup>th</sup>day ofFebruary2001

Now on this day the County Commission of the County of Boone does hereby authorize the Public Works Department to pursue a Sole Source Contract for the Bridge Rehabilitation work (as outlined in the attached documentation) through Harrington & Cortelyou. The Presiding Commissioner is hereby authorized to sign any related documentation.

Done this 27<sup>th</sup> day of February, 2001.

Don Stamper Presiding Commissioner

Miller

Karen M. Miller District I Commissioner

Skip Elkin District II Commissioner

ATTEST: N

Wendy S. Noren <sup>></sup> Clerk of the County Commission

HARRINGTON & CORTELYOU, INC. Consulting Engineers

#### SUMMARY ON PROPOSED UPGRADE REHABILITATION TO THREE BRIDGES

Bridge No. 81 on Creasy Springs Road Bridge No. 82 on Brown School Road Bridge No. 4710012 on Coats Lane

**<u>PURPOSE:</u>** To upgrade all three structures in such a manner to be able to remove their 15 ton load limits; thus enabling heavier traffic to use these structures. Thereby improving public safety and provide greater accessibility to the surrounding areas.

#### CONVENTIONAL CONSTRUCTION

#### FIBER REINFORCED POLYMER (FRP)

Date : February 23, 2001

#### METHOD: Replace existing beams and deck Strengthen the existing beams by with new beams and new deck attaching FRP material to them. (Like adding flexible high strength steel to the existing beams.) CONSTRUCTION TIME: 2 days or less per bridge. 60 days per bridge. One week total for all 3 bridges. Equivalent to 2 - 3 months per bridge. COSTS: Estimated construction cost per Quoted cost of \$70,000 or less. bridge is \$65,000 to \$75,000. Total for all 3 bridges. Total estimated cost = \$220,000 PROS: • Use of known and established • Cost is 1/3 of conventional construction methods with an method. • Downtime is nominal and all 3 expected service life of 50 bridges can be worked on years or more. simultaneously. • No right-of-way or construction easements are required. CONS: • 2 to 3 month disruption of • Sole-Source contract required due to the high quality control traffic at each sight. and experience required to • Stage construction will be manufacture, supply and required to avoid closure of Creasy Springs and Brown School Road at the same time. properly install the FRP material. Relatively new technology that simultaneously. is expected to achieve a 50 • Construction easements or year service life. right-of-way will be required to allow for construction equipment and access. Submitted by : Mark S. Huck

80



# Boone County Public Works Memorandum

Date:	February 22, 2001
То:	Boone County Commission
From:	David Nichols
Through:	David Mink $\partial \mathcal{W}^{\mathcal{M}}$
Subject:	Presentation on Sole-Source Contract for Bridge Rehabilitation Work Coats Lane Bridge, Creasy Springs Bridge, Brown School Road Bridge

Public works is recommending approval of a sole-source contract for rehabilitation work on the above referenced bridges. Mark Huck, with the engineering consulting firm of Harrington and Cortelyou, will make a presentation at the February 27, 2001 commission meeting on a new technology of rehabilitating existing bridges for the purpose of removing the load postings. Enclosed is a packet of information explaining the technology of Fiber Reinforced Polymer (FRP) and a summary explaining the benefits of its installation. Its application is relatively new and it is considered as an innovative and sole-source type material/installation in the country. Therefore, an experienced design/build contractor is recommended by the consulting engineer, in order to achieve the desired end results.

The two main Benefits of this type of rehabilitation for these particular bridges are:

**Construction Time**- using the FRP upgrade, each structure would be closed for 2 days or less versus 60 days or more for conventional construction.

**Cost Savings**- the consultant has estimated the conventional construction rehabilitation cost at \$220,000 and the proposed FRP upgrade at \$70,000, a savings of approximately \$150,000.

If you concur with the recommendation, a contract for this work will be prepared and presented for your approval at an upcoming commission meeting. The County should receive a lot of positive attention from other public works/transportation departments and from the community if we proceed with this new technology. This should also be a solution to consider for any future bridge rehabilitation work.

HARRINGTON & CORTELYOU, INC. Consulting Engineers

August 4, 2000

Re: Bridge No. 81 on Creasy Springs Road Bridge No. 82 on Brown School Road Bridge No. 4710012 on Coats Lane

Mr. David Nichols, P.E. Project Engineer Boone County Public Works 5551 Hwy. 63 South Columbia, Missouri 65201

Dear Mr. Nichols:

The upgrading of the above-mentioned bridges to HS20 load carrying capacity can be achieved with a Fiber Reinforced Polymer application at a very competitive cost with minimal inconvenience imposed on the drivers who use these structures.

By utilizing the FRP method for rehabilitation, each structure would need to be closed a maximum of two days and in some cases may allow traffic to be on the structure during the construction. If conventional rehabilitation methods were used, the structures would need to be closed for at least 60 calendar days per bridge. We recommend closing Bridges 81 and 82 for two days to enable FRP construction due to the large number of heavy trucks and very high volume of users these two bridges accommodate.

There is considerable cost savings to the County by choosing the FRP procedure for both construction and design phases. The total estimated conventional construction cost for Creasy Springs, Brown School Road and Coats Lane exceeds \$180,000. The total estimated FRP rehabilitation cost for all three structures is \$59,000. In addition to the construction cost savings, the design fee for these three bridges is reduced from \$48,600 to approximately \$20,000 by choosing the FRP option.

We propose utilizing the expertise of Dr. Antonio Nanni from the University of Missouri-Rolla. Dr. Nanni's work is unprecedented on similar MoDOT approved projects. Dr. Nanni and Co-Force America, Inc. will combine efforts in a design-build atmosphere to upgrade these structures to HS20 status. We have included a report from Dr. Nanni's staff that describes other jobs they have successfully accomplished in Missouri and also information on this innovative, practical rehabilitation process for concrete bridges.

The FRP process is limited only with respect to availability of material producers and contractors. The design-build process, in particular the proven participants chosen, appears to be the best choice due to this limited product availability and their knowledge of construction. We have included a fax from Chris Criswell, of MoDOT Bridge Division, stating they recommend contacting Dr. Nanni for prospective contractors and suppliers. Mr. David Nichols, P.E. Page 2 August 2, 2000

In summary we are recommending the upgrade to be done to these three structures as a design/build procedure for the following reasons:

- Construction Time: Under the proposed FRP upgrade each structure would be closed for 2 days or less vs. 60 days or more for conventional construction. We feel this factor is particularly important on Creasy Springs Road and Brown School Road where the daily traffic exceeds 3,000 vehicles per day.
- 2. Cost Savings: We have estimated a cost savings of approximately \$150,000 for the proposed FRP upgrade over conventional construction. This is due to the fact that portions of the existing structures will not have to be demolished then reconstructed.
- 3. Fiber Reinforced Polymer (FRP) and its application is relatively new. It is considered as an innovative and solesource type material in this country. Therefore, an experienced design/build team is recommended for its use and application to maintain quality control and to achieve the desired end results.

If we can be of assistance in obtaining more information or explaining any that has been provided, please feel free to contact either myself or Mark Huck.

Sincerely,

HARRINGTON & CORTELYOU, INC.

MA Sm

Michael J. Turner, P.E.

MJT:cas

Enclosure

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Time:	2:35 a.m./p.	m.		
то:	Mark Huck, H	P,E	FAX NO.:	816-471-6109
at	ox is checked, please (Sender's Phone No.)	······································	ceipt to sender	JUL I 4 2000
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Sent by:	Chris Crisne Bridge - Mo 573-751-02	DUT		HARD COPY TO FOLLOW: YES NO
10/10.	If copy is ille	mber of pages to gible or incon		F.k 959-05 MST MSH Be call 573-751-4676.

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#### STRENGTHENING OF CONCRETE BRIDGES USING ADVANCED FRP STRENGTHENING SYSTEM

Co-Force America, Inc. 800 W 14 th Street Suite 108 Rolla, MO 65401

July 17, 2000

Recently, advanced composites made of fibers embedded in a polymeric resin, also known as fiberreinforced polymer (FRP) materials, have emerged as a practical solution for the upgrade/repair of deficient concrete structures. FRP materials exhibit several properties suitable for their use as structural reinforcement. They are characterized by excellent tensile strength in the direction of the fibers. FRP composites are corrosion resistant, and therefore should perform better than other construction materials in terms of weathering behavior over time.

The most important characteristic of FRP in the repair and strengthening application is the speed and ease of installation. Labor, shut-down costs, and site constraints typically offset the material cost of FRP making FRP strengthening systems very competitive with traditional strengthening techniques such as steel plate bonding and section enlargement.

The increase in the use of FRP composites was attained after the 1995 Hyogoken Nanbu Earthquake in Japan. As of 1997, the Japanese lead the FRP reinforcement usage with 100+ demonstration/commercial projects and FRP design provisions in their standard specifications of the Japan Society of Civil Engineers (JSCE, 1997). By 1997, more than 1,500 concrete structures worldwide had been strengthened with externally bonded FRP composites.

With the rapid and wide spread use of FRP strengthening systems, the process of quality control and quality assurance is becoming a high priority since inexperienced contractors and suppliers of materials entered the market. The performance of FRP strengthening systems is sensitive to the process in which the material is stored, handled, installed, and cured. FRP strengthening systems should be installed by an experienced specialty contractor to ensure the quality of the construction process and the constituent materials used in a system. Quality control tests and inspection should be performed regularly to ensure proper installation and performance of the system. There are many manufacturers that can provide the fibers and resins used to build externally bonded FRP laminates. However, the variation in compatibility and mechanical properties of the components may significantly influence the properties and performance of the laminates. Strengthening with FRP composites should therefore be achieved using a system of specific components optimized to ensure superior performance and backed by sufficient research and testing data to ensure field performance.

Co-Force America (CFA) is an engineering and consulting service company that provides engineering service for FRP composite strengthening systems. CFA draws from a close collaboration with university personnel and the facilities that an academic environment has to offer. The manufacturer of the strengthening system provides the system components. Experienced contractors carry out the strengthening contracts. These contractors complete an intensive training program covering design considerations to hands-on application sponsored by the system manufacturer. CFA Missouri business in strengthening with FRP materials is conducted in with partners such as Structural Preservation Systems (SPS), Baltimore, MD, a specialty contractor performing concrete repair work nation-wide and Master Builders Technologies (MBT), Cleveland, OH, a leading innovator in the development, manufacturing and marketing of construction chemicals.

The **MBrace Composite Strengthening System** is an FRP strengthening system provided by these two partners. MBrace System is a comprehensive approach to bringing innovative strengthening techniques to the construction industry. It is more than an economical, field-proven technology for supplemental structural reinforcement; it offers single source support from specification through completion. Some of the features of this system are listed below:

Lightweight - Minimal additional dead load Noncorrosive - High durability, low maintenance Ease of Installation - Cost savings, minimal down time Minimal Thickness - Minimal increase in member geometry, easily concealed Flexible - Adapts to various shapes 10-Year History - Well-established technology Single Source Support - Quality assurance through use of integrated components

In 1988, the Maryland Chapter of the American Concrete Institute presented the Excellence in Concrete Award for the floor slab strengthening of Loyola College Center West in Baltimore, Maryland. The concrete slab was strengthened with the MBrace Composite Strengthening System to accommodate a change-in-use. The project was submitted and presented by the Baltimore branch of Structural Preservation Systems.

#### **PROJECT APPROACH**

The project involves the design and construction of FRP upgrade for three bridges as well as the inspection of FRP strengthening work. The three bridges (Brown School Road Bridge, Creasy Springs Bridge, and Coats Lane Bridge) are located in Boone County, Missouri. To accommodate current traffic demand, these bridges need to be upgraded to HS20 loading. The project is to be constructed as a design/built. This approach provides the expertise of a strengthening team in the engineering, materials, and application of the MBrace strengthening system, which was developed after an extensive research and has been applied to a significant number of strengthening projects nationwide and in the state of Missouri (see attached publication). Based on this approach the strengthening team will develop the strengthening design and recommended strengthening procedure, material and installation specifications, the required quality control tests, and total cost estimate.

#### **EXAMPLES OF SIMILAR PROJECTS IN MISSOURI**

Members of the strengthening team were involved in many strengthening projects. Description of projects conducted in Missouri are given below:

#### Bridge G270

Externally bonded carbon fiber reinforced polymer (CFRP) sheets were applied to strengthen the simple span reinforced concrete solid slab bridge that was built in 1922. Strengthening with MBrace system was accomplished in three days without traffic interruption, and preparation consisted of only light sandblasting. Bridge G270 is the only load-posted structure on a heavy truck route that serves a lead mining operation and the objective was to strengthen the bridge to allow removal of the load posting. The University of Missouri-Rolla conducted the pilot study for the Missouri Department of Transportation (MoDOT) under MoDOT Contract No. RI98-012.



Installation of the CFRP Sheets

#### Bridge J857

The main objective of Bridge J857 testing program was to investigate the effects of different strengthening techniques on the stiffness, structural performance, ultimate capacity, and mode of failure of the bridge decks. The bridge was built in the 1930s and was located on Route 72 in Phelps County, Missouri. Due to the realignment of Route 72, the bridge was decommissioned in December 1998 and scheduled for demolition. The bridge consisted of three simply supported solid reinforced concrete slabs with an original roadway width of 25 feet. One of the bridge decks was strengthened using near-surface mounted (NSM) CFRP rods. The second deck was strengthened with MBrace Composite strengthening system. The third deck was left unstrengthened to be used as a benchmark. Bridge columns were also strengthened for flexure. Results of testing to failure indicated that the ultimate capacity and mode of failure of strengthened decks could be predicted with great accuracy using the developed design model. As expected, capacity improvement was in access of 30% of the original capacity of the bridge decks.



Bridge J857

After strengthening

#### Bridge A10052

Bridge A10062, located at the interchange of Interstates 44 and 270 in St. Louis, Missouri, had suffered damage at one of its exterior precast/prestressed concrete girders due to vehicular impact. As a result of the impact, the exterior concrete of the damaged member was spalled off and two prestressing steel tendons were fractured. This resulted in an approximate 10 percent reduction in the moment capacity. It was decided to use MBrace carbon FRP laminates to restore the original structural capacity of the girder. A maintenance crew from the Missouri Department of Transportation (MoDOT) executed the repair work with the assistance of research personnel from the University of Missouri-Rolla. Strengthening with CFRP laminates was accomplished in one day without traffic interruption on the affected bridge.



Impacted Bridge



MoDOT crew applying MBrace System

#### Bridge A3050

Due to vehicular impact Bridge A3050 in I44, which crosses Waynsville and Lebanon about 36 miles south-west of Rolla, Missouri, was damaged. The vehicular impact completely damaged one pier and partially damaged another pier. Flexural cracks were identified after the collision extending from top to bottom of the pier cap, meaning the pier was bent concave upwards during collision. MoDOT replaced both piers and a portion of the pier cap. New piers were constructed lapping the rebars from the existing footing. To provide increased confinement in the region where new rebars were lapped to the existing rebars from the footing and the pier cap, 2 layers of MBrace carbon sheets were wrapped around the

column, for a depth of 40 inches, both at top and bottom of the pier. The cracks, which were caused in the pier cap due to impact damage, were epoxy injected.



Bridge Profile After Impact



After Repair and Strengthening

#### **REFERENCES ON FRP STRENGTHENING**

- ACI Committee 440, (1996), "State-of-the-Art Report on FRP for Concrete Structures," ACI440R-96, Manual of Concrete Practice, ACI, Farmington Hills, MI, 68 pp.
- Canadian Standards Association (1996) Canadian Highway Bridge Design Code, Section 16, Fiber Reinforced Structures (Final Draft).
- Chajes, M. J., Januska, T.F., Mertz, D.R., Thomson, T.A., and Finch, W.W., "Shear Strengthening of Reinforced Concrete Beams Using Externally Applied Composite Fabrics," ACI Structural Journal, Vol. 92, No. 3, 1995, pp. 295-303.
- Crasto, A., Kim, R.Y., Fowler, C., and Mistretta, J.P. (1996), "Rehabilitation of Concrete Bridges Beams with Externally-Bonded Composite Plates. Part1," Proceeding of the First International Conference on Composites in Infrastructure (ICCI-96), Tucson, Arizona, pp. 857-869.
- El-Badry, M. (editor), August 1996, "Advanced Composite Materials in Bridges and Structures," Proceedings ACMBS-II, Montreal, Canada, pp. 1027.
- Iyer, S.L. and R. Sen, Editors (1991), "Advanced Composite Materials in Civil Engineering Structures," Proc., American Society of Civil Engineers, New York, NY, 443 pp.
- Khalifa, A., and Nanni, A., "Improving Shear Capacity of Existing RC T-Section Beams Using CFRP Composites," Journal of Cement & Concrete Composites, Submitted for Publication.
- Master Builders Technologies, (1998), "MBrace Composite Strengthening System Engineering Design Guidelines," Second Edition, Cleveland, OH, 1998, pp. 140.
- Mayo, R., Nanni, A., Gold, W., and Barker, M., "Strengthening of Bridge G270 with Externally-Bonded CFRP Reinforcement," Proceeding of the Fourth International Symposium on Non-Metallic (FRP) Reinforcement for Concrete Structures (FRPRCS-4), ACI, Baltimore, Maryland, August 1999. Accepted for Publication.
- Nanni, A., Alkhrdaji, T., Chen, G., Barker, M., Yang, X., and Mayo, R., "Testing to failure program for a Highway Bridge Strengthened with FRP Composites," Proceeding of the Fourth International Symposium on Non-Metallic (FRP) Reinforcement for Concrete Structures (FRPRCS-4), ACI, Baltimore, Maryland, August 1999. Accepted for Publication.
- Neale, K.W. and Labossiere, P., Editors (1992), "Advanced Composite Materials in Bridges and Structures," Proc., Canadian Society for Civil Engineering, Montreal, Canada, 705 pp.

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Co-Force America, Inc. 800 West 14<sup>th</sup> Street, Suite 213 Rolla, MO 65401 Ph. (573) 364-7997 e-mail: cfam@rollanet.org

ORCE International Consultante AMERICA rtise in Composites for Civil Engineerin All Ann

# FAX COVER SHEET

Please deliver the following pages to:

FIRM NAME:	Herrington & Cortel Dow, Inc.	DATE: 4-26.2000
ATTENTION;	Mike Turner	TIME:
I'AX NO:	816-471-6109	
L'ROM	Tarex Alkhrdaili	
PROJECT:	Boone County Bridges	CFA-PROJECT NO:
TOTAL NO. OF PAG	IES (INCLUDING COVER SHEET): 7	· · · · · · · · · · · · · · · · · · ·
MESSAGE:		

Attached, Please find strengtheing design.

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ORIGINALS: Will be mailed \_\_\_\_\_\_ Will not be mailed \_\_\_\_\_

#### CONFIDENTIALITY NOTE

The information contained in this facsimile transmission is legally privileged and confidential information intended only for the use of the individual or entity above. If the reader of this transmission is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this transmission is strictly prohibited. If you have received this transmission in error, please notify us immediately. THANK YOU.

We need costs. MSH

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Co-Force America, Inc. 800 West 14<sup>th</sup> Street, Suite 108 Rolla, MO 65401 Ph. (573) 364-7997 e-mail: cfam@rollanct.org

To: Mike Turner

Harrington & Cortelyou, Inc. 127 West 10<sup>th</sup> Street Kansas City, Missouri 64105 From: A. Nanni Date: April 25, 2000

Re: Boone County Bridges

Attached, please find a summary of flexural and shear requirements and drawings showing strengthening schemes for the three bridges in Boone County. Please note that the summary tables provide information for a typical RC bridge channel. Capacity calculations and strengthening design were based on HS20 truck loading and the information provided earlier by Harrington & Cortelyou, Inc. Strengthening design is conducted based on the MBrace CF-130 system.

Only Brown School and Creasy Springs Bridge were found to be deficient in flexure. No flexural strengthening would be required for Coats Lane Bridge; however, we recommend the use of some CFRP to ensure a flexural strength reserve.

All bridges are deficient in shear and require strengthening.

For implementation, we suggest a design-build approach. If you and the client find this proposal technically acceptable, we will price it and submit it for final approval.

We look forward to hearing from you

Regards.

Need price for

#### SUMMARY

The following tables summarize flexural and shear requirements of a typical RC bridge channel for strengthening design calculations. Capacity calculations were based on concrete strength of 5,000 psi and steel yield point of 40,000 psi.

Bridge	Demand due to factored loads, M <sub>u</sub> (ft-k)	Existing Capacity, $\phi M_n$ (ft-k)	Required Strengthening (%)
Brown School Road	177.2	147.7	20
Creasy Springs	166.9	147.7	13
Coats Lane	461.8	473	0*

#### Table 1: Summary of Flexural Requirement

\*Minimum flexural strengthening will be added to ensure comparable reserve strength

Table 2:	Summary	of Shear	Requirement
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Bridge	Demand due to factored loads, V <sub>0</sub> (k)	Existing Capacity, φV <sub>n</sub> (k)	Required Strengthening (%)
Brown School Road	43	35.8	20
Creasy Springs	41.9	35.8	17
Coats Lane	56.1	46.1	22

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Strengthening of each channel is achieved using MBrace CF 130. Table 3 provides a summary of requirements to correct the flexural deficiency of a typical bridge channel.

Bridge	Number of Plies*	Ply Width (in)	Ply Length	Strips Spacing (in)
Brown School Road	2	5	18.8*	N/A
Creasy Springs	2	5	18.1'	N/Λ
Coats Lane	2	4	35.53	N/A

Table 3:	Flexural M	lBrace Rei	nforcement	Requirements	

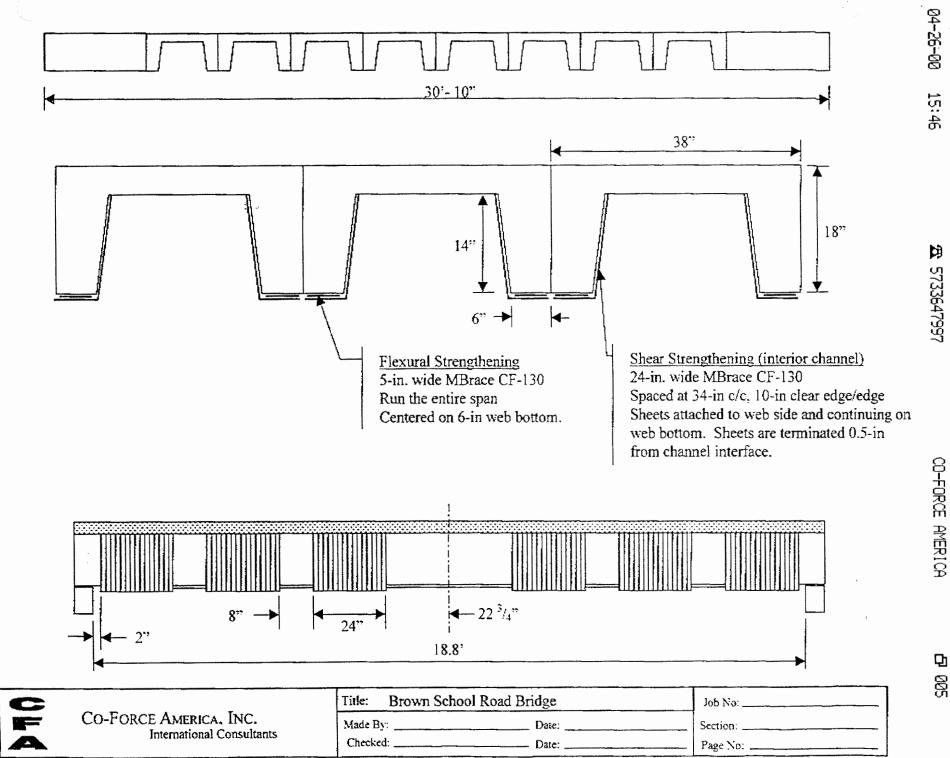
\* One ply per web soffit

Table 4 provides a summary of requirements to correct the shear deficiency of a bridge channel.

Bridge	Number of Plies*	Ply Width (in)	Ply Longth	Strips Spacing (in)
Brown School Road	2	24	20"	N/Λ
Creasy Springs	2	24	20"'	N/A
Coats Lane	2	24	26"''	N/A

#### **Table 4: Shear MBrace Reinforcement Requirements**

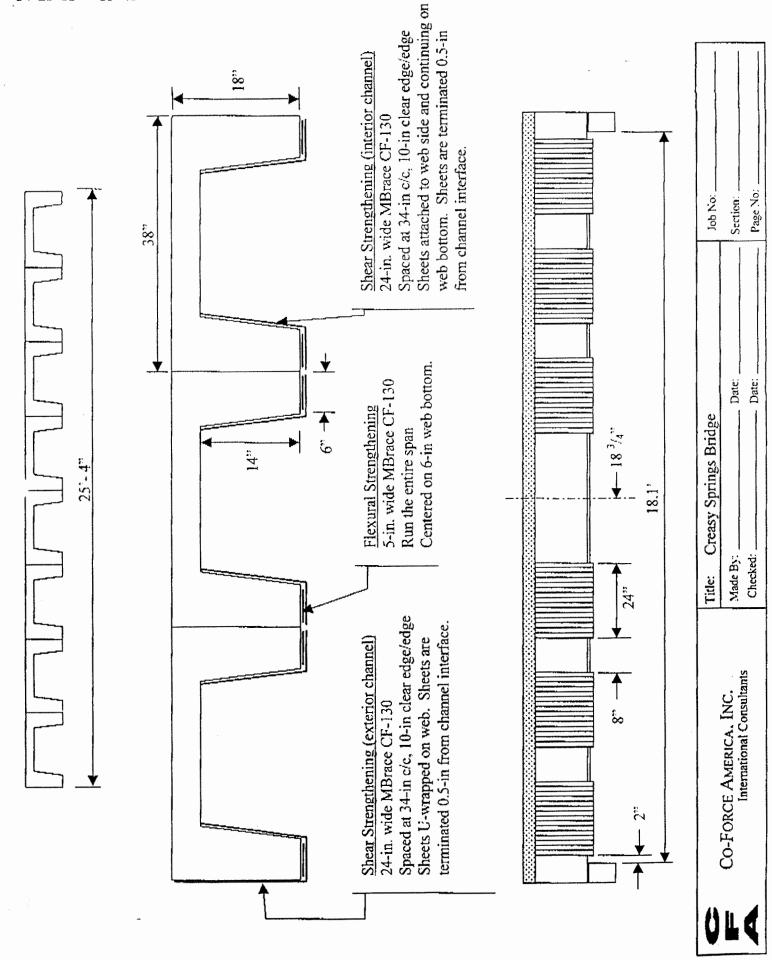
\* One ply per web side \* Add 18" for exterior channel \* Add 24" for exterior channel



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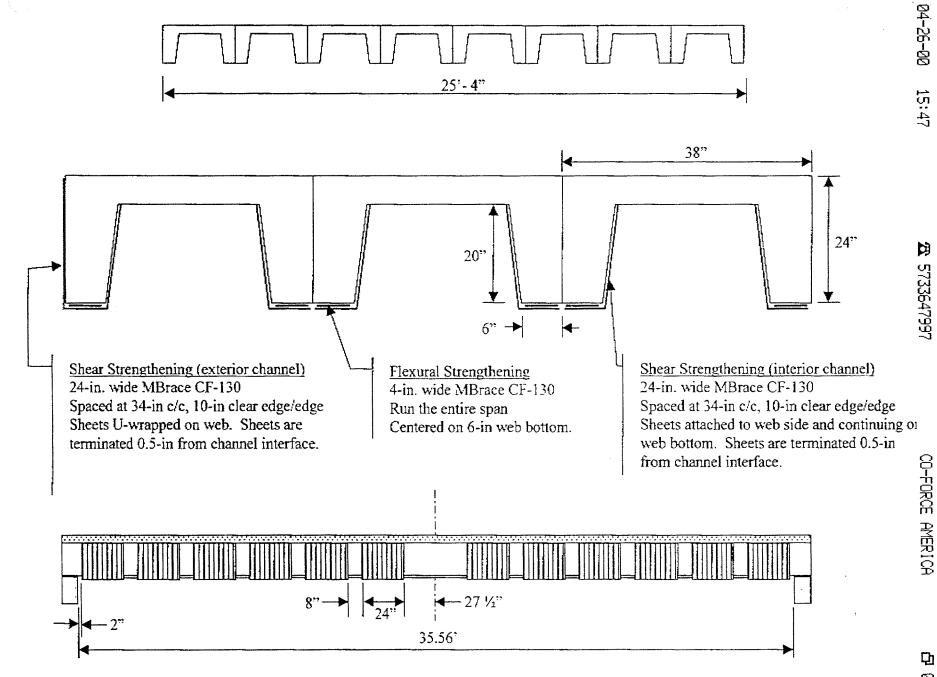
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TATE OF MISSOURI<br/>County of Booneea.February Session of the February AdjournedTerm. 2001In the County Commission of said county, on the27<sup>th</sup>day ofFebruary2001

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

Now on this day the County Commission of the County of Boone does hereby approve and authorize the Presiding Commissioner to sign the Quit Claim Deed between Boone County and the Southern Boone County Fire Protection District for  $\mathcal{A}.65$  acres of property as described in said document.

Done this 27<sup>th</sup> day of February, 2001.

ATTEST:

Wendy S. Nofen Clerk of the County Commission

Don Stamper <sup>V</sup> Presiding Commissioner

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Kareh M. Miller District I Commissioner

Skip Elkin District II Commissioner

#### Quitclaim Deed

THIS INDENTURE, made this 27 day of <u>February</u>, 20 <u>01</u> between Boone County, Missouri, a political subdivision of the state of Missouri, through its County Commission, party of the first part and Southern Boone County Fire Protection District, a political subdivision of the state of Missouri organized and operating under chapter 321, RSMo, (mailing address of the grantee: Southern Boone County Fire Protection District, 208 Henry Clay Blvd, PO Box 199, Ashland, Missouri 65010) of the County of Boone, State of Missouri, party of the second part.

WITNESSETH: In consideration of the payment of the sum of ONE AND N0/100 DOLLARS (\$1.00), the receipt of which is hereby acknowledged, the said party of the fist part does hereby REMISE, AND FOREVER QUITCLAIM to the said party of the second part, a tract of land, lying situated and being in the County of Boone, State of Missouri, to wit:

A tract of land in the Northeast Quarter of the Northeast Quarter of Section 3, Township 45 North, Range 12 West of the Fifth Principal Meridian in Boone County, Missouri, described as follows: Starting at U.S. Highway 63 centerline median station 914+00 = side road connector centerline station 10+64.27, (incorrectly shown as side road connector centerline station 11+06.27 on the plans for Job Number 249 B); thence in a direct line to side road connector station 11+06.27; thence in a direct line to side road connector PC station 13+40.14; thence along a 240.00-foot radius curve to the right a distance of 114.86 feet to side road connector station 14+55.00; thence in a direct line to a point 55.00 feet left of side road connector centerline station 14+55.00 and the Point of Beginning; Thence in a direct line to a point 40 feet left of Old Highway 63 centerline station 231+94.14 as said Old Highway 63 is described within the Quit Claim Deed attached to the CERTIFIED COPY OF ORDER, being Boone County Commission Order No. 284-2000, recorded in Book 1637, Page 346 of the Records of said County; thence in a direct line to a point 40 feet left of Old Highway 63 centerline PC station 238+45; thence continuing on preceding course to its intersection with the West Right of way line for U.S. Highway 63 at a point 142 feet right of the U.S. Highway 63 centerline median; thence along said West Right of Way line to a point 142 feet right of U.S. Highway 63 centerline median station 915+40; thence in a direct line to a point 55 feet left of side road connector centerline station 12+50; thence in a direct line to a point 55 feet left of side road connector PC station 13+40.14; thence along a 295 foot-radius curve to the right a distance of 141.18 feet to the Point of Beginning and containing 2.65 acres, more or less.

Grantee, for itself, its successors and assigns, by acceptance of this conveyance, covenants and agrees, and it is made a condition of this conveyance, that the property herein described shall not be used for the construction, erection or maintenance of billboards or advertising signs other than signs advertising activities conducted on the property or services and products therein provided. This shall be covenant running with the land and is binding upon the Grantee, its successors and assigns. Upon a breach of this covenant after 10 days' written notice to Grantee or is assigns to remove said offending sign as described above, Grantor retains the right to enter the property herein conveyed and remove said sign at the sole expense and liability of Grantee or its successors and assigns.

Grantee, by acceptance of this conveyance, covenants and agrees for itself, its successors and assigns, to permit all known and unknown utilities existing as of the date of the deed, to maintain easements for the purpose of maintaining, constructing or reconstructing utility lines and their

81

appurtenances over, under or across the lands herein conveyed.

The Grantee, for itself, its personal representatives, successors in interest and assigns, as a part of the consideration hereof, does hereby covenant and agree as a covenant running with the land that (1) no person on the grounds of race, color, religion, creed, sex, age, ancestry, national origin, disability or veteran status shall be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination in the use of said facilities, (2) no person shall be excluded from participation in denied the benefits of, or otherwise be subjected to discrimination, in the construction of an improvement on, over or under such land and the furnishing service thereon, on the grounds of race, color, religion, creed, sex, age, ancestry, national origin, disability or veteran status, (3) that Grantee shall comply with the provisions of Executive Order No. 94-03, issued by the Honorable Mel Carnahan, Governor, on January 14, 1994, which executive order is incorporated herein by reference and is made a part of this Agreement. This Executive Order promulgates a Code of Fair Practices for the Executive Branch of Missouri Government and prohibits discrimination against recipients of services, and employees or applicants or employment of state contractors and subcontractors, on the grounds of race, color, religion, national origin, sex, age, disability, or veteran status. The Grantee shall also comply with all state and federal statutes applicable to the Grantee relating to nondiscrimination, including but not limited to Chapter 213, RSMo; Title VI and Title VII of the Civil Rights Act of 1964 as amended (42 U.S.C. Sections 2000d and 20003, et seq.); and with any provision of the "Americans with Disabilities Act" (42 U.S.C. Section 12101 et seq.) which applies to the Grantee. The Grantee shall use the premises in compliance with all other requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Part 21.

In the event of breach of any of the nondiscriminatory covenants, the State of Missouri shall have the right to re-enter said land and facilities thereon, and the above-described land and facilities shall thereupon revert to and vest in and become the absolute property of the State of Missouri and its assigns.

TO HAVE AND TO HOLD THE SAME, with all and singular rights, immunities, privileges, and appurtenances thereunto belonging, unto the said party of the second part, their successors, heirs and assigns forever.

IN WITNESS WHEREOF, the said party of the first part has hereunto set its hand and seal the day and year first written above.

BOONE COUNTY/MISSOURI THROUGH ITS COUNTY COMMISSION

By

Don Stansper, Presiding Commissioner ATTEST:

By Wendy S. Noren, County Clerk

#### STATE OF MISSOURI

COUNTY OF BOONE

On this <u>27</u> day of <u>February</u>, 20<u>01</u>, before me appeared Don Stamper, to me personally known, who being by me duly sworn did say that he is presiding commissioner of the Boone County Commission; that the seal affixed to the foregoing instrument is the official seal of said county; that said instrument was signed in behalf of said commission and county by authority of said commission, and that said Don Stamper acknowledged said instrument to be the free act and deed of said commission.

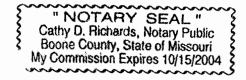
SS

)

IN TESTIMONY WHEREOF, I have hereunto set my hand affixed my official seal at my office in Boone County, the day and year first above written.

Caty D Richards Notary Public

My commission expires: 10/15/2004



NOR 4 24/30

#### Quitclaim Deed

THIS INDENTURE, made this <u>27</u><sup>th</sup> day of <u>Fubrur</u>, 20<u>01</u> between Boone County, Missouri, a political subdivision of the state of Missouri, through its County Commission, party of the first part and Southern Boone County Fire Protection District, a political subdivision of the state of Missouri organized and operating under chapter 321, RSMo, (mailing address of the grantee: Southern Boone County Fire Protection District, 208 Henry Clay Blvd, PO Box 199, Ashland, Missouri 65010) of the County of Boone, State of Missouri, party of the second part.

WITNESSETH: In consideration of the payment of the sum of ONE AND N0/100 DOLLARS (\$1.00), the receipt of which is hereby acknowledged, the said party of the fist part does hereby REMISE, AND FOREVER QUITCLAIM to the said party of the second part, a tract of land, lying situated and being in the County of Boone, State of Missouri, to wit:

Starting at U.S. Highway 63 centerline median station 914+00 = side road connector centerline station 10+64.27, (incorrectly shown as side road connector centerline station 11+06.27 on the plans for Job Number 249 B); thence in a direct line to side road connector station 11+06.27; thence in a direct line to side road connector PC station 13+40.14; thence along a 240.00-foot radius curve to the right a distance of 114.86 feet to side road connector station 14+55.00; thence in a direct line to a point 55.00 feet left of side road connector centerline station 14+55.00 and the Point of Beginning;

Thence in a direct line to a point 40 feet left of Old Highway 63 centerline station 231+94.14 as said Old Highway 63 is described within the Quit Claim Deed attached to the CERTIFIED COPY OF ORDER, being Boone County Commission Order No. 284-2000, recorded in Book 1637, Page 346 of the Records of said County; thence in a direct line to a point 40 feet left of Old Highway 63 centerline PC station 238+45; thence continuing on preceding course to its intersection with the West Right of way line for U.S. Highway 63 at a point 142 feet right of the U.S. Highway 63 centerline median; thence along said West Right of Way line to a point 142 feet right of U.S. Highway 63 centerline median; thence along said West Right of Way line to a point 142 feet right of U.S. Highway 63 centerline median station 915+40; thence in a direct line to a point 55 feet left of side road connector PC station 12+50; thence along a 295 foot-radius curve to the right a distance of 141.18 feet to the Point of Beginning and containing 2.65 acres, more or less.

Grantee, for itself, its successors and assigns, by acceptance of this conveyance, covenants and agrees, and it is made a condition of this conveyance, that the property herein described shall not be used for the construction, erection or maintenance of billboards or advertising signs other than signs advertising activities conducted on the property or services and products therein provided. This shall be covenant running with the land and is binding upon the Grantee, its successors and assigns. Upon a breach of this covenant after 10 days' written notice to Grantee or is assigns to remove said offending sign as described above, Grantor retains the right to enter the property herein conveyed and remove said sign at the sole expense and liability of Grantee or its successors and assigns.

Grantee, by acceptance of this conveyance, covenants and agrees for itself, its successors and assigns, to permit all known and unknown utilities existing as of the date of the deed, to maintain

Page 1 of 3 Page Quitclaim Deed

easements for the purpose of maintaining, constructing or reconstructing utility lines and their appurtenances over, under or across the lands herein conveyed.

The Grantee, for itself, its personal representatives, successors in interest and assigns, as a part of the consideration hereof, does hereby covenant and agree as a covenant running with the land that (1) no person on the grounds of race, color, religion, creed, sex, age, ancestry, national origin, disability or veteran status shall be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination in the use of said facilities, (2) no person shall be excluded from participation in denied the benefits of, or otherwise be subjected to discrimination, in the construction of an improvement on, over or under such land and the furnishing service thereon, on the grounds of race, color, religion, creed, sex, age, ancestry, national origin, disability or veteran status, (3) that Grantee shall comply with the provisions of Executive Order No. 94-03, issued by the Honorable Mel Carnahan, Governor, on January 14, 1994, which executive order is incorporated herein by reference and is made a part of this Agreement. This Executive Order promulgates a Code of Fair Practices for the Executive Branch of Missouri Government and prohibits discrimination against recipients of services, and employees or applicants or employment of state contractors and subcontractors, on the grounds of race, color, religion, national origin, sex, age, disability, or veteran status. The Grantee shall also comply with all state and federal statutes applicable to the Grantee relating to nondiscrimination, including but not limited to Chapter 213, RSMo; Title VI and Title VII of the Civil Rights Act of 1964 as amended (42 U.S.C. Sections 2000d and 20003, et seq.); and with any provision of the "Americans with Disabilities Act" (42 U.S.C. Section 12101 et seq.) which applies to the Grantee. The Grantee shall use the premises in compliance with all other requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Part 21.

In the event of breach of any of the nondiscriminatory covenants, the State of Missouri shall have the right to re-enter said land and facilities thereon, and the above-described land and facilities shall thereupon revert to and vest in and become the absolute property of the State of Missouri and its assigns.

TO HAVE AND TO HOLD THE SAME, with all and singular rights, immunities, privileges, and appurtenances thereunto belonging, unto the said party of the second part, their successors, heirs and assigns forever.

IN WITNESS WHEREOF, the said party of the first part has hereunto set its hand and seal the day and year first written above.

BOONE COUNTY MISSOURI THROUGH ITS COUNTY COMMISSION

Bv

Don Stamper, Presiding Commissioner ATTEST:

By Wendy S. Noren, County Clerk

Page 2 of 3 Page Quitclaim Deed

#### STATE OF MISSOURI

COUNTY OF BOONE

On this  $\underline{AHW}$  day of  $\underline{Edwdory}$ , 20  $\underline{\delta}$ , before me appeared Don Stamper, to me personally known, who being by me duly sworn did say that he is presiding commissioner of the Boone County Commission; that the seal affixed to the foregoing instrument is the official seal of said county; that said instrument was signed in behalf of said commission and county by authority of said commission, and that said Don Stamper acknowledged said instrument to be the free act and deed of said commission.

SS

)

IN TESTIMONY WHEREOF, I have hereunto set my hand affixed my official seal at my office in Boone County, the day and year first above written.

a Notary Public

My commission expires:

MELANIE STAPLETON Notary Public-Notary Seal State of Missouri County of Boone My Commission Expires December 2, 2002

Page 3 of 3 Page Quitclaim Deed

<b>FATE OF MISSOURI</b> February Session of the February Adjourned Term. 20	
FATE OF MISSOURI       February Session of the February Adjourned Term. 20         County of Boone       February Session of the February Adjourned Term. 20	01

In the County Commission of said county, on the

**County of Boone** 

 $27^{\text{th}}$ day of February 01 20

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

Now on this day the County Commission of the County of Boone does hereby approve a budget amendment as follows:

AMOUNT	(increasing) ACCOUNT
\$11,282	1251-10110 Sheriff: Overtime
\$2,497	1251-03411 Federal Grant Reimbursement:
	Sobriety Checkpoint
\$6,785	1251-03411 Federal Grant Reimbursement:
	Hazardous Moving Violation ("Operation
	Slowdown")
\$2,000	1251-03411 Federal Grant Reimbursement:
-	Operation Cash Crop

Said amendment is to account for overtime expense reimbursed by grants throughout year 2000.

Done this 27<sup>th</sup> day of February, 2001.

Don Stamper Presiding Commissioner

ller

Karen M. Miller District I Commissioner

Skip Elkin District II Commissioner

ATTE/ST:

Wendy S. Nøren

Clerk of the County Commission

Ist read \$115, opprove offit **BOONE COUNTY, MISSOURI** 

82-2001

# **REQUEST FOR BUDGET AMENDMENT**

## 12/31/2000

DATE

## 2000

#### FOR AUDITORS USE

Department Account			int		Account Title (or managerial code)	Decrease	Increase					
1	2	5	1	-	1	0	1	1	0	Sheriff: Overtime		11,282
			ļ									
1	2	5	1		0	3	4	1	1	Federal Grant Reimbursement: Sobriety Checkpoint		2,497
1	2	5	1		0	3	4	1	1	Federal Grant Reimbursement: Hazardous Moving Violation ("Operation Slowdown")		6,785
1	2	5	1		0	3	4	1	1	Federal Grant Reimbursement: Operation Cash Crop		2,000
1												

**Explanation:** 

Amend budget to account for overtime expense reimbursed by grants throughout 2000.

Approved – Auditor Originating Office DISTRICT, II COMMISSIONER **DÍSTRICT I COMMISSIONER** PRESIDING COMMISSIONER

#### **BUDGET AMENDMENT PROCEDURES**

- Schedule as a budget amendment item on a commission agenda, noted as a first reading. At least 5 days notice of the hearing is required.
- A copy of the budget amendment and all attachments must be available for public inspection and review, (the clerk's copy would serve this purpose).
- Final commission approval must be at least 10 calendar days after the first reading.

#### NOTE: The 10 day comment period may not be waived.

# SHERIFF

### PERSONNEL DETAIL

	1998	1999	2000	1999-2000
POSITION	FULL – TIME	FULL - TIME	FULL – TIME	
TITLE	EQUIVALENT	EQUIVALENT	EQUIVALENT	CHANGE
Sheriff (Elected)	1.00	1.00	1.00	0.00
Major	*0.50	*0.50	1.00	+0.50
Captain	*1.00	*1.00	*1.50	+0.50
Lieutenant	3.00	3.00	3.00	0.00
Sergeant	5.00	5.00	5.00	0.00
Deputy	25.00	25.00	25.00	0.00
Investigator I	5.00	6.00	6.00	0.00
Office Service Assistant	*0.50	*0.50	<b>*</b> 0.50	0.00
Clerk IV	*0.50	*0.50	*0.50	0.00
Warrant Supervisor	1.00	1.00	1.00	0.00
Warrant Clerk	6.00	**6.20	6.20	0.00
Other Clerks	5.00	5.00	5.00	0.00
Warrant Clerk Pool/ Records Clerk Pool	0.27	0.27	0.27	0.00
Crossing Guard Pool	0.12	0.12	0.12	0.00
Contract MU Security Pool	0.00	***1.00	1.00	0.00
Total FTEs	53.89	56.09	57.09	+1.00
Holiday Pay	\$23,680	\$28,883	\$28,270	-\$613
Overtime – Regular	\$73,370	\$80,184	\$70,926	-\$9,258
Overtime – Grants	\$15,172	<b>\$4.456</b>	\$0	-\$4,456
Overtime – Balloon	\$0	\$0	\$0	\$0

0.50 FTE in Corrections (Department 1255)

\*\* One (1) 1.0 FTE Warrant Clerk position converted to two (2) 0.60 Warrant Clerk positions mid-year 1999

\*\*\* Position added mid-year 1999

.

Position 155 (Major) and position 42 (Captain) have been split equally between departments 1251 and 1255. Beginning January 1, 2000, both of these positions will be fully incorporated into department 1251.

In years prior to 1999, some overtime expense to be reimbursed through grants has been included in the original overtime expense and grant revenue appropriations. However, a new procedure was implemented in 1999. The original appropriations will not include amounts to be reimbursed from grants. Instead, the expenditure and revenue accounts will be amended throughout the year as grant reimbursement is received.

From 1996 to 1999, the following new positions have been added to the Sheriff's operations:

- 2 Deputies COPS Ahead Grant awarded mid-year 1996
- 2 Deputies
   COPS Ahead Grant awarded mid-year 1997
- I Warrant Clerk 1998 Approved supplemental request
- Investigator I DOVE Grant awarded early 1998
- Contract MU Security Pool
   Contract with MU to provide security during home football games
- I Warrant Clerk
   One existing 1.0 FTE position converted to two 0.6 FTE positions

Dept	Program Name Description CFDA# & %Fed, State, Local	Revenue <u>Code</u>		2000 Budget	2000 Revenue <u>Received</u>	Receipt <u>Date</u>	Receipt <u>Number</u>	For <u>Period</u>	Receivable at <u>12-31-2000</u>	2000 Requests Reimburse <u>Date</u>	for	Reimbursement Request Less Revenue <u>Received</u>
1251	US Dept of Justice Office of Community Oriented Policing Services (COPS) Violent Crime Control & Law Enforcement Act of 1994 COPS AHEAD Mid 1995 to mid 1998: One Officer Award: S55.610 Mid 1996 to mid 1999: Two Officers Award: S122.254 Dec 1996 to Nov 1999: Two Officers (Grant accepted May 1997) Award: S122.254 Grant ended 11-30-99	1251-3411	Original Budget	0 2000 2001 Total	0.00				0.00			
1251	US Dept of Transportation Missouri Dept of Public Safety Division of Highway Safety Police Traffic Services Sobriety Checkpoint CFDA#20.600 10-1-96 to 9-30-97 Award: \$2,250	1251-3411	Original Budget 5-12-00 Budget Amendment (for equipment) Total	0 920 920	726.33 1,504.35	7-26-2000 11-9-2000	1914 2827	June (equipr June-∧ug	nent)	June June-∧ug	726.33 1504.35	0 0
	Project #97-PT-02-51 10-1-97 to 9-30-98 Award: \$2,500 Project #98-PT-02-57 10-1-98 to 9-30-99 Award: \$2,388 Project #99-PT-02-66 10-1-99 to 9-30-00 Award: \$2,500 Project #00-PT-02-23 (Recorded in 1253-3411 through 12-31-97)		0•c ,504•35 ↔ 992•15 ↔ <b>2,496•5</b> /1	2000 2001 Total	2,230.68 992.15 992.15 3,222.83	1-2-2001	8	Sept	992.15	Sept	992.15	0

1251	US Dept of Transportation	1251-3411	Original Budget	0	526.64	4-4-2000	882	Jan (OT)	Jan	526.64	0
	Missouri Dept of Public Safety		3-7-00 Budget Amendment	2,000	684.36	5-4-2000	1164	March (OT)	March	684.36	0
	Division of Highway Safety		(for equipment)		601.68	6-2-2000	1421	Feb (OT)	Feb	601.68	0
	Police Traffic Services			2,000	1,012.04	7-6-2000	1716	April-May (OT)	April-May	1.012.04	0
	Hazardous Moving Violation Enforcement				1,501.48	11-9-2000	2827	June-July (OT)	June-July	1,501.48	0
	Sheriff's Dept title: "Operation Slowdown"										
	CFDA#20.600			2000	4,326.20						
	10-1-97 to 9-30-98 Award: \$7,000							1,89	1.84		
	Project #98-PT-02-57		0 0					2,00	0.00		
	10-1-98 to 9-30-99 Award: \$7,000		0 • C					56	7.24		
	Project #99-PT-02-66				1,891.84	1-2-2001	8	Aug-Oct (OT)	Aug-Oct (OT)	1,891.84	0
	10-1-99 to 9-30-00 Award: \$6,500				2,000.00	2-1-2001	310	Radar unit	Radar unit	2,000.00	U
	Project #00-PT-02-23	8	,785·28 +		567.24	2-1-2001	310	Nov (OT)	Nov (OT)	567.24	0
		0		2001	4,459.08						
			2,000 · -								
				Total	8,785.28			4,45	9.08		
		6	<b>,785-28</b>								

									2000	Reimbursement
Program Name			2000				Receivable	Re	quests for	Request Less
Description	Revenue	2000	Revenue	Receipt	Receipt	For	at	Reir	nbursement	Revenue
Dept CFDA# & %Fed, State, Local	Code	Budget	Received	Date	Number	Period	12-31-2000	Date	Amount	Received

1251	US Dept of Justice Federal Bureau of Investigation (FBI) MUSTANG Mid-Missouri Unified Strike Team & Narcotics Group Overtime Reimbursement 100% Federal CFDA #: n/a	1251-3411	Original Budget	0 2000 2001 Total	0.00				0.00			
1251	US Dept of Health & Human Services Substance Abuse & Mental Health Services Administration Substance Abuse Prevention & Treatment Block Grant Missouri State Highway Patrol Missouri Dept of Mental Health Division of Alcohol & Drug Abuse Missouri Tobacco Outlet Compliance Project CFDA# 93.959 100% Federal	1251-3411	Original Budget	0 2000 2001 Total	0.00				0.00			
1251	US Dept of Justice Drug Enforcement Administration (DEA) Marijuana Eradication Grant Missouri Sherift's Association Drug Interdiction Committee <b>Operation Cash Crop</b> Reimbursement for drug buys & overtime 100% Federal	1251-3411	Original Budget	0 2000 2001 Total	1,100.00 900.00 2,000.00 0.00	11-9-2000 12-18-2000	2828 3203	Jan-Oct Jan-Oct	0.00	Jan-Oct Jan-Oct	1,100.00 900.00	0
1251	US Dept of Justice Missouri Dept of Public Safety Missouri State Highway Patrol <b>Domestic Violence Enforcement (DOVE)</b> CFDA #: 16.588 100% Federal 2-1-1998 to 12-31-1998 Award: \$37,418 Grant contract #98-VAWA-0005 1-1-1999 to 12-31-1999 Award: \$33,548 Grant contract #98-VAWA-0005 Changed to #96-VAWA-0005 Changed to #96-VAWA-0009 1-1-2000 to 12-31-2000 Award: \$33,548 Grant contract #99-VAWA-0004 According to Beverly Braun, we will not receive any reimbursement for overtime from the DOVE grant during 1999.	1251-3411	Original Budget	33,548 2000 2001 Total	2,397.37 4,985.64 7,637.98 2,397.37 2,397.37 19,815.73	4-4-2000 6-23-2000 8-7-2000 9-20-2000 11-20-2000	883 1618 2011 2406 2911	Jan Feb-March April-May June July	0.00	Jan Feb-March April-May June July	2,397.37 4,985.64 7,637.98 2,397.37 2,397.37	0 0 0 0

Dept	Program Name Description CFDA# & %Fed, State, Local	Revenue <u>Code</u>		2000 Budget	2000 Revenue <u>Received</u>	Receipt <u>Date</u>	Receipt <u>Number</u>	For Period	Receivable at 12-31-2000	Date	2000 Requests for Reimbursement <u>Amount</u>	Reimbursement Request Less Revenu <del>e</del> <u>Received</u>
1251	US Dept of Justice Missouri Dept of Public Safety	1251-3411	Original Budget 8-23-00 Budget Amendment	0 7,166								
	Narcotics Control Assistance Program			7,166								
	Pawnshop Tracking & Recovery System Gran CFDA #: 16.579	11										
	75% Federal, 25% Local											
	7-1-2000 to 6-30-2001			2000	0.00							
	Grant award (federal funds): \$7,166								4,257.00			
	Local match (from Forfeiture Fund): \$2,388			<b>.</b>	4,257.00	2-2-2001	318	Dec		Dec	4,257.00	0
	Grant contract #2000-NCD5-070			2001	4,257.00							
				Total	4,257.00				4,257.00			

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FATE OF MISSOURI<br/>County of Booneea.February Session of the February Adjourned<br/>Term. 20 01In the County Commission of said county, on the $27^{th}$ day ofFebruary20 01

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

Now on this day the County Commission of the County of Boone does hereby rescind Commission Order 50-2001 and reappoint Scott Cristal to a 2-year term on the Community Services Advisory Commission. Said term will be retroactive to January 1, 2001 and will expire on December 31, 2003.

Done this 27<sup>th</sup> day of February, 2001.

ATTEST:

Wendy S. Noren Clerk of the County Commission

Don Stamper Presiding Commissioner

ller

Karen M. Miller District I Commissioner Skip Elkin

District II Commissioner

 STATE OF MISSOURI
 ea.

 County of Boone
 February Session of the November Adjourned Term. 20 01

 In the County Commission of said county, on the
 1<sup>st</sup>
 day of
 February
 20 01

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

Now on this day the County Commission of the County of Boone does hereby reappoint Scott Cristal to a three-year term on the Community Services Advisory Commission. Said term will be retroactive to January 1, 2001 and will expire on December 31, 2004.

Done this 1<sup>st</sup> day of February, 2001.

Don Stamper Presiding Commissioner

Karen M. Miller District I Commissioner

Skip Elkin District II Commissioner

ATTEST:

Wendy S. Nofen Clerk of the County Commission

Boone County Government Center Dor Stamper, Presiding Commissioner Karen, M. Miller, District I Commissioner 801 E. Walnut 1936m 245 Linda Vogt. De Commissioner Columbia Set 65201 573-886-4305 PF FAX 51 -483-4311 E-mail: commission@boonecr Jerno.org HISTOR HIMM BOONE County Commission Molanie, DECZO BOONE COUNTY BOARD OR COMMISSION APPLICATION FORM Board or Commission: Boone County Community Service Achivery Commission Term Todays's Date: 12/13 Current Township: Name: W. Kings Lanc Zip Code: 65 Home Address: 10650 Business Address: Va Bax 40 Zip Code: Work Phone: 573 446 060-573 447-1193 Home: Phone: 447 1193 E-mail: jΥ. Scastel @ midance **Califications**: Served I pertial term on the commission. Involved we carry more of how issue & people are effected by actions of this commitsion is county to vice chair able to mit of number to alloade money on equilible lies. Served term on the commission quare lost of artice chan Past Community Service: number New have Corp ( KUPAI) united in RUVEL un varias issues including problem Alare Serve 95 commissioner on City of Columba Cultural Affairs Commission-a word Turkes for Almetta Crayba Collice al L Control ones and Member Community Porthall references: Kay Bracke Collice al L Control of the line of the line of the second of the line of the second of the sec Kay Binette Collision Almeta Crayton Cheryl Miller or pleases irigial upplication ors well as any up an the commission

have no objections to the information in this application being made public. To the best of the mowledge at this time I can serve a full term if appointed. I do hereby certify that the above information is true and accurate.

**Applicant Signature** 

Return Application To:

Boone County Commission Office Boone County Government Center 801 East Walnut, Room 245 Columbia, MO 65201 Fax: 573-886-4311

An Affirmative Action/Equal Opportunity Institution

Don Stamper, Presiding Commissioner Karen M. Miller, District I Commissioner Skip Elkin, District II Commissioner



Boone County Government Center 801 East Walnut Room 245 Columbia, MO 65201-7732 573-886-4305 • FAX 573-886-4311

# **Boone County Commission**

February 14, 2001

Mr. Phil Steinhaus Manager, Office of Community Services 13 N. 8<sup>th</sup> St. P.O. Box N Columbia, MO 65205

Dear Mr. Steinhaus:

The Boone County Commission has met and reappointed Scott Cristal to the Boone County Community Services Advisory Commission. Mr. Cristal's three year term will expire on December 31, 2004. I have enclosed his application, the letter confirming his appointment, and an updated roster of the Community Services Advisory board.

If I can be of further assistance, please let me know.

Sincerely,

MMV

Donna Minnis Administrative Assistant

enclosures

Don Stamper, Presiding Commissioner Karen M. Miller, District I Commissioner Skip Elkin, District II Commissioner



Boone County Government Center 801 East Walnut Room 245 Columbia, MO 65201-7732 573-886-4305 • FAX 573-886-4311

# **Boone County Commission**

February 14, 2001

Mr. Scott Cristal 10650 W. Kings Lane Rocheport, MO 65279

Dear Mr. Cristal:

The Boone County Commission is pleased to inform you, that you have been reappointed to the Boone County Community Services Advisory Commission, with a three year term ending, December 31, 2004. An updated roster is enclosed.

We appreciate your interest in serving Boone Countians and look forward to working with you through your new term.

Sincerely,

Don Stamper V Presiding Commissioner

DS:dm

Enclosure

aun

Karen M. Miller District I Commissioner

Skip Elkin V District II Commissioner

# CERTIFIED COPY OF ORDER (Rev. Stat. Sec. 2321.) February Session of the February Adjourned Term. 20 01 County of Boone In the County Commission of said county, on the 27<sup>th</sup> day of February 20 01

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

Now on this day the County Commission of the County of Boone does hereby authorize the Presiding Commissioner to sign a proposal in the amount of \$3200 authorizing the Public Works Director to work with Malicot-Winslow Engineers, PC for the Boone County Jail Humidity Study.

Done this 27<sup>th</sup> day of February, 2001.

Don Stamper Presiding Commissioner

Kareh M. Miller District I Commissioner

Skip Elkin \ District II Commissioner

ATTEST:

Wendy S. Moren

Clerk of the County Commission

#### MALICOAT-WINSLOW ENGINEERS, P.C. 5649 NORTH CLEARVIEW ROAD COLUMBIA, MISSOURI 65202-9687

DIE L. MALICOAT, P.E. 5/13-675-1300 EXT 22

MECHANICAL AND ELECTRICAL ENGINEERS email: mw-engrs@socket.net

FEB 2 3 2001

CARROLL E. WINSLOW, P.E. 573-875-1300 EXT 2FAX 573-875-1305

February 20, 2001

David Mink, P.E. Director Boone Co. Public Works 601 E. Walnut Columbia, MO 65201

RE: Boone County Jail Humidity Study

Dear Mr. Mink:

We propose to study the excessive humidity situation being experienced at the above project and propose solutions and budgets for your review. We will plan to prepare a report of our conclusions and present it to you and also to the County Commission. We will provide 10 copies of our report.

It is assumed that the owner will be able to provide us with complete original building blueprints.

Our total fee for all of the above will be \$3200.00

We will plan to complete the report by April 10, 2001.

Please sign and return one copy of this proposal if you want us to proceed.

Sincerely,

Carroll Winslow CW:jw cc: file

Approved

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#### MALICOAT-WINSLOW ENGINEERS, P.C. 5649 NORTH CLEARVIEW ROAD COLUMBIA, MISSOURI 65202-9687

DDIE L. MALICOAT, P.E. 875-1300 EXT 22

#### MECHANICAL AND ELECTRICAL ENGINEERS email: mw-engrs@socket.net

CARROLL E. WINSLOW, P.E 573-875-1300 EXT 2FAX 573-875-130:

February 20, 2001

David Mink, P.E. Director Boone Co. Public Works 601 E. Walnut Columbia, MO 65201



RE: Boone County Jail Humidity Study

Dear Mr. Mink:

We propose to study the excessive humidity situation being experienced at the above project and propose solutions and budgets for your review. We will plan to prepare a report of our conclusions and present it to you and also to the County Commission. We will provide 10 copies of our report.

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Our total fee for all of the above will be \$3200.00

We will plan to complete the report by April 10, 2001.

Please sign and return one copy of this proposal if you want us to proceed.

Sincerely, Winslo

Carroll Winslow CW:jw cc: file

Approved

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