

**AGENDA ITEM 30****Discuss and take appropriate action on the road bond program.**


Mike Weaver stated that a newsletter concerning projects under construction should be ready by mid-October. He also requested direction from the court concerning a wooden bridge on CR 434 at Brushy Creek. It will soon be replaced as part of the wooden bridge replacement program. After some discussion, Commissioner Limmer asked that the bridge be stored at the Road & Bridge Department until a decision is made concerning possible uses for it.

No action was taken on this agenda item.

< Attachment >

## M e m o r a n d u m

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**To:** Williamson County Commissioners Court  
**From:** Mike Weaver   
Prime Strategies, Inc.  
**Regarding:** CR 434 Bridge Replacement  
**Date:** September 11, 2002

As you are aware, we are proceeding with the wooden bridge replacement program. One of the priority projects is CR 434 at Brushy Creek. In addition to replacing the wooden bridge approaches, the existing trestle bridge (attached) will be replaced. This metal bridge, believed to have been built by Brown & Root in the 1920's was moved to its current location in the early 1950's.

This project is scheduled to start construction in May 2003, just after school closes. We will advertise the project in April 2003. A major component of the construction plans involve dismantling the bridge and preserving it for future use as a pedestrian bridge in one of the County parks or in the proposed trail system.

We are approaching the point where the Court needs to decide where to move the bridge. And, if we move it to a new location, do we store it or reconstruct it on the new location? Another option we have discussed involves disassembling the bridge and storing it at Road & Bridge until the County is ready to install it in a new location. Obviously, moving it once and having the same contractor who takes it apart rebuild it at its new location is the most cost effective for the County.

We are seeking your direction and input on how to proceed.

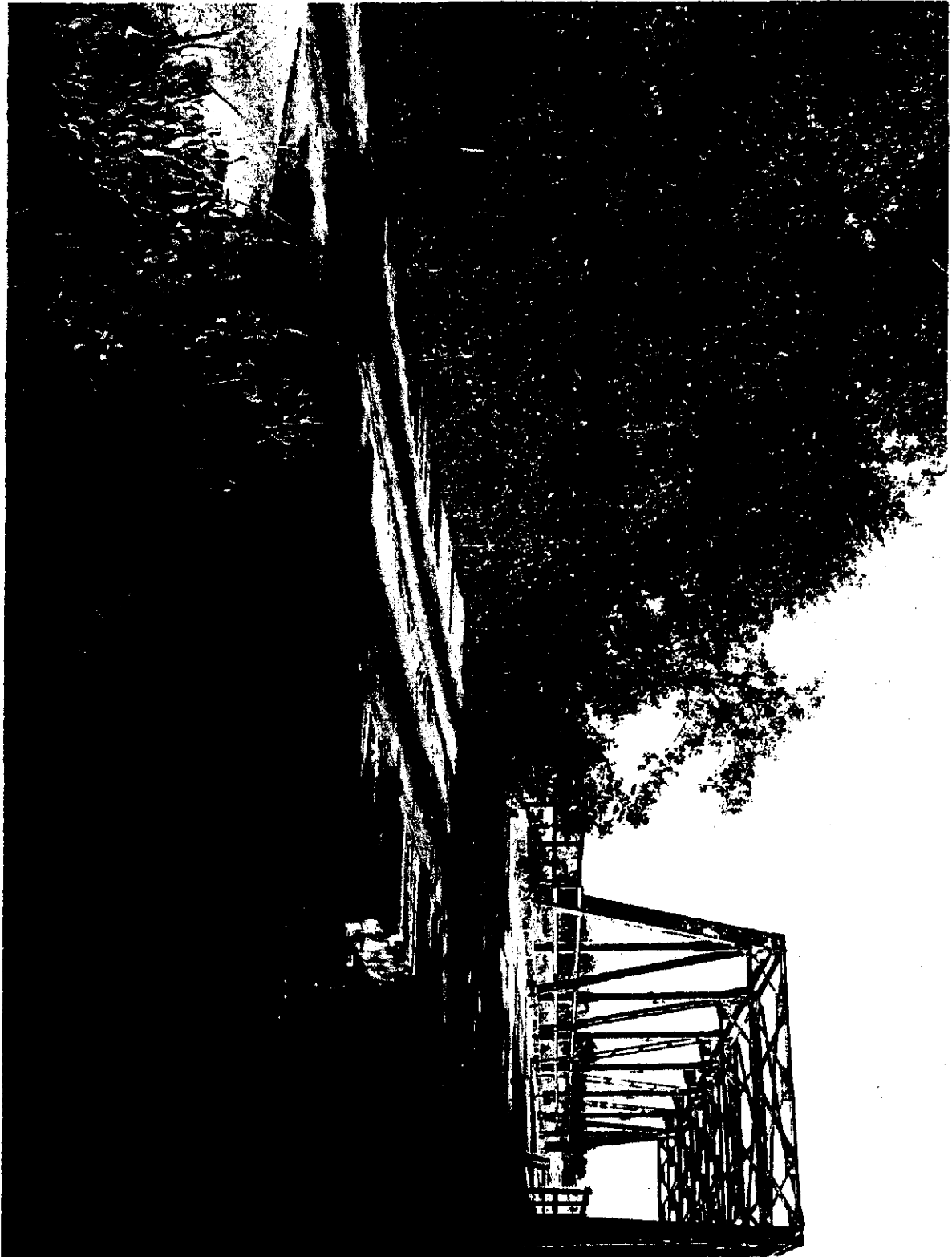
Williamson County Work Authorization #4 - Wooden Bridge Location #12



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Williamson County Work Authorization #4 - Wooden Bridge Location #12



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Adjusted Price = \$1,695,953.97

Letting	Award		Notice To Proceed		Begin Work	Work Complete	Work Accepted	Total Bid Days		Days Added	Total Days
9/6/02	9/25/01		1/23/02		1/23/02	11/10/02		240		52	292
Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	Current Retainage	Total Retainage	% (\$) Used	% Time Used	Liquidated Damages	Total Liq Damages
1	1/23/02	2/28/02	37	\$108,716.23	\$108,716.23	\$12,079.58	\$12,079.58	7	13		
2	3/1/02	3/31/02	31	\$103,233.77	\$211,950.00	\$11,470.42	\$23,550.00	13	23		
3	4/1/02	4/30/02	30	\$51,299.10	\$263,249.10	\$5,699.90	\$29,249.90	17	34		
4	5/1/02	5/31/02	31	\$16,697.25	\$279,946.35	\$1,855.25	\$31,105.15	18	44		
5	6/1/02	6/30/02	30	\$54,147.07	\$334,093.42	\$6,016.34	\$37,121.49	21	54		
6	7/1/02	8/31/02	62	\$24,106.81	\$358,200.23	\$2,678.54	\$39,800.03	23	76		

Change Order Number	Origin	Approved	Cost This CO
1		3/18/02	\$0.00

- 1. Modify special conditions page 5 of 27 - Include the Manager, the Manager's consultants, and the Construction Observer as additional insured.
- 2. Modify the technical specs section of the Project Construction Manual to indicate 1993 TxDOT Standard Specs for the Construction of Highways, Streets, and Bridges, as the "Standard Specifications".
- 3. Include Special Specifications 3146, 5005, 5010, 5012, 5249, & add Special Provisions to Items 001, & 004 to the contract within the "Technical Specification" section of the Project Construction Manual.
- 4. Add Special Specification 5819 as the specification for Single Guardrail Terminal.
- 5. Plan Sheet No. 38 titled "Special Public Information Sign" is deleted from the project.

Change Order Number	Origin	Approved	Cost This CO
3		4/23/02	\$80,030.00

Adjustment/Relocation of main waterline, services and appurtenances on both the City of Georgetown and City of Round Rock waterlines. In addition, this change order provides compensation for the placement of a concrete cap over waterlines in areas where the design could not be altered to provide adequate cover over the pipe. Five days were added with this change order.

Change Order Number	Origin	Approved	Cost This CO
2		6/11/02	\$-147,798.45

Add force account to adjust City of Georgetown 12" water line crossing. This change corrects the original plan survey data, the original esign has changed due to City of Georgetown & City of Round Rock waterlines. The SW3p sheet has been modified including provisions for endangered species, historical sites, & an inspection frequency change. A general note to implement a 25mph speed limit during project duration is added. Bid Item 644-508 is added to compensate for the installation of signs detailed in original plans. Payment for Project Description signs is added. The sequence of work and corresponding Traffic Control Plan is revised. 40 days are added in this change order.

- 9/13/2002 Comments - Contractor's schedule indicates completion by end of October. Halliburton KBR is verifying validity of schedule. Constituents complaining about non-progress of project. Contractor has been given 10 days to submit revised schedule showing how they plan on meeting a completion date of Nov. 13.
- 8/30/2002 Comments - City of RR 30" water line hit by Jack and Bore Operation. Will delay completion of culvert # 4. Meeting held on site to discuss alternates. Alternate to open cut site, remove unsuitable embankment, bring in new embankment. Road will be closed about 30 days longer than original. Contractor's schedule indicates completion by end of October. Halliburton KBR is verifying validity of schedule. Constituents complaining about non-progress of project. Contractor has been given 10 days to submit revised schedule showing how they plan on meeting a completion date of Nov. 13.



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1/17/02		4/16/02		5/20/02	5/31/02	12/13/02		120	77	197	
<u>Invoice Number</u>	<u>Beginning Date</u>	<u>Ending Date</u>	<u>Days Charged</u>	<u>Current Invoice</u>	<u>Invoice Total</u>	<u>Current Retainage</u>	<u>Total Retainage</u>	<u>% (\$)</u> <u>Used</u>	<u>% Time</u> <u>Used</u>	<u>Liquidated Damages</u>	<u>Total Liq Damages</u>
1	5/31/02	8/31/02	93	\$13,404.28	\$13,404.28	\$1,489.36	\$1,489.36	3	47		


9/6/2002 Comments -

Southwestern Bell Telephone completed their utility relocation work along River View Road last week. In a meeting held August 21 with the Gary Pugh of Bland/Schroeder/Archer, L.P., he noted that they will move back on site on or before September 3, 2002.



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5/22/02	6/6/02	6/18/02	6/25/02	10/22/02		90	30	120				
Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	Current Retainage	Total Retainage	% (\$)	% Time Used	Liquidated Damages	Total Liq Damages	
1	6/25/02	6/30/02	6	\$30,212.69	\$30,212.69	\$3,356.97	\$3,356.97	9	5			
2	7/1/02	7/31/02	31	\$83,785.58	\$113,998.27	\$9,309.51	\$12,666.48	34	31			
3	8/1/02	8/31/02	31	\$122,353.55	\$236,351.82	\$13,594.83	\$26,261.31	70	57			
9/13/2002 Comments - CR 406: Meeting with property owner to discuss rock filter dam on 9/16/02. Contractor installing MBGF. CR 390: Deck pour week of 9/16/02.												
9/6/2002 Comments - CR 406: Base work 95% complete. HDR, HNTB, Duane Blanchard met with Ellie-McGinnis on site to discuss riprap modification upstream and additional excavation downstream. Property owner on west side, Mr. Reggie Wood, has requested that Type C erosion control device be placed at the toe of the rock riprap - HDR sent this information to Roger on 9/6/02. Contractor given x-sections and details for changes, CO forthcoming. CR 427: Forming Deck. HDR to submit details for riprap and channel excavation modifications. CR 390: Moving forms to site.												
8/30/2002 Comments - CR 406: Modified riprap and additional excavation complete. Property owner would like Rock Berm. CR 427: No additional excavation or modified riprap needed. CR 390: 95% complete. No new fencing will be added. Fence will be put back like found. Contractor to do this subsidiary.												



YOUR ROUTE. YOUR CHOICE. YOUR NETWORK.

**COUNTY ROADS 390, 406 & 427**

**Wooden Bridge Replacement**

Estimated completion  
Fall 2002

[www.roadends.org](http://www.roadends.org)



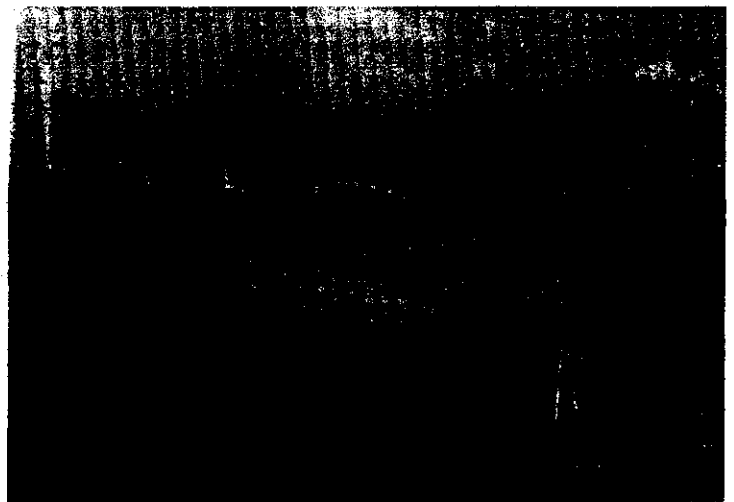
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5/1/02	5/14/02	5/30/02	6/3/02	3/30/03		300	0	300			
<u>Invoice Number</u>	<u>Beginning Date</u>	<u>Ending Date</u>	<u>Days Charged</u>	<u>Current Invoice</u>	<u>Invoice Total</u>	<u>Current Retainage</u>	<u>Total Retainage</u>	<u>% (\$)</u> <u>Used</u>	<u>% Time</u> <u>Used</u>	<u>Liquidated Damages</u>	<u>Total Liq Damages</u>
1	6/3/02	6/30/02	28	\$238,118.13	\$238,118.13	\$26,457.57	\$26,457.57	13	9		
2	7/1/02	8/31/02	62	\$62,850.69	\$300,968.82	\$6,983.41	\$33,440.98	16	30		
3	8/1/02	8/31/02	31	\$381,072.63	\$682,041.45	\$42,341.40	\$75,782.38	36	40		

<u>Change Order Number</u>	<u>Origin</u>	<u>Approved</u>	<u>Cost This CO</u>
1		6/10/02	\$-28,401.05

1. Revised Traffic Control Plan and Sequence of Construction
2. Revised centerline alignment at North side of FM 1431
3. Revised multiple 7' x 3' box culvert from four barrels to three barrels

- 9/13/2002 Comments - Meeting with LSI, Gray-Jansing, Garey on 9/12/02 to discuss adjustments to water line valves, fire hydrants. Garey to provide cost to do this work. Base operations, Culvert, C&G ongoing.
- 9/9/2002 Comments - A large overrun on the quantity of CMP (Glav stl 18") was incurred. This was added in the field by the owner. 17 LF was the bid qty and 130 LF was used. This added and additional cost of \$3051.
- 9/6/2002 Comments - Culvert "A" @ modified to accommodate Traffic Signal Poles. Modifications to the Contractor on 9/3/02. Base operations resumed. Texas Crush Stone supplying base material. Tri-axial test results by first part of week of the 19th.



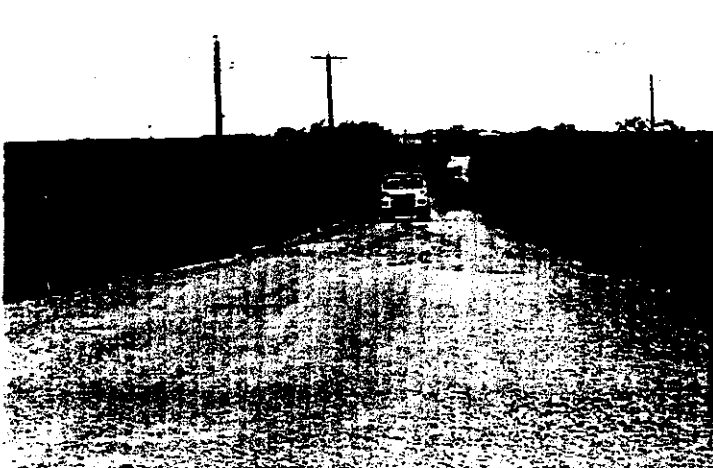
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2/14/02	5/7/02	5/7/02	5/20/02	10/20/02		150	4	154				
<u>Invoice Number</u>	<u>Beginning Date</u>	<u>Ending Date</u>	<u>Days Charged</u>	<u>Current Invoice</u>	<u>Invoice Total</u>	<u>Current Retainage</u>	<u>Total Retainage</u>	<u>% (\$)</u> <u>Used</u>	<u>% Time</u> <u>Used</u>	<u>Liquidated Damages</u>	<u>Total Liq Damages</u>	
1	5/20/02	6/25/02	37	\$315,445.68	\$315,445.68	\$35,049.52	\$35,049.52	34	24			
2	6/26/02	7/29/02	34	\$212,088.69	\$527,534.37	\$23,565.51	\$58,615.03	56	46			

Change Order Number      Origin      Approved      Cost This CO  
 1           6/11/02      \$0.00

Road design option 2 being substituted for option 1 at no additional cost per square yard plus 4 days are added to time due to delay in filing N.O.I.

9/6/2002 Comments - Agreement form for reimbursement of Jonah by County for water line relocation has been executed. Water line relocation complete.



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7/15/02		8/7/02						713	0	713	
<u>Invoice Number</u>	<u>Beginning Date</u>	<u>Ending Date</u>	<u>Days Charged</u>	<u>Current Invoice</u>	<u>Invoice Total</u>	<u>Current Retainage</u>	<u>Total Retainage</u>	<u>% (\$)</u> <u>Used</u>	<u>% Time</u> <u>Used</u>	<u>Liquidated Damages</u>	<u>Total Liq Damages</u>

1

9/6/2002 Comments - TC&B is revising CO#1 plans at RM 2243 to address comments from TxDOT and HNTB. TC&B is waiting for signal pole information at FM 1431 from TxDOT - will include changes in CO#1. Modifications to the Krienke driveway south of Spanish Oak will also be included in CO#1. One waterline crossing was initially missed - changes will be included in CO#1. CO#1 requires one additional drainage easement - TC&B to forward information to Sheets & Crossfield. More changes are required as a result of the ROW negotiations - HNTB is currently evaluating for inclusion in CO#1 or as a separate CO.

<u>Letting</u>		<u>Award</u>		<u>Notice To</u>	<u>Begin Work</u>	<u>Work Complete</u>	<u>Work Accepted</u>	<u>Total Bid Days</u>		<u>Days Added</u>	<u>Total Days</u>
				<u>Proceed</u>							
8/28/02								250		0	250
<u>Invoice</u>	<u>Beginning</u>	<u>Ending</u>	<u>Days</u>	<u>Current</u>	<u>Invoice</u>	<u>Current</u>	<u>Total</u>	<u>% (\$)</u>	<u>% Time</u>	<u>Liquidated</u>	<u>Liq Damages</u>
<u>Number</u>	<u>Date</u>	<u>Date</u>	<u>Charged</u>	<u>Invoice</u>	<u>Total</u>	<u>Retainage</u>	<u>Retainage</u>	<u>Used</u>	<u>Used</u>	<u>Damages</u>	

1

- 9/13/2002 Comments - Project award is anticipated 9/17/02. ROW acquisition complete.
- 9/6/2002 Comments - CR 412 bid from RGM Constructors was reviewed by HNTB and CivilTech Engineering and approved for presentation at Commissioner's Court. This will be on the agenda for September 17th.

<u>Letting</u>		<u>Award</u>		<u>Notice To</u> <u>Proceed</u>	<u>Begin Work</u>	<u>Work Complete</u>	<u>Work Accepted</u>	<u>Total Bid Days</u>	<u>Days Added</u>	<u>Total Days</u>	
3/4/02		4/12/02		5/22/02	5/28/02	5/26/04		730	0	730	
<u>Invoice</u> <u>Number</u>	<u>Beginning</u> <u>Date</u>	<u>Ending</u> <u>Date</u>	<u>Days</u> <u>Charged</u>	<u>Current</u> <u>Invoice</u>	<u>Invoice</u> <u>Total</u>	<u>Current</u> <u>Retainage</u>	<u>Total</u> <u>Retainage</u>	<u>% (\$)</u> <u>Used</u>	<u>% Time</u> <u>Used</u>	<u>Liquidated</u> <u>Damages</u>	<u>Total</u> <u>Liq Damages</u>
1	5/28/02	6/30/02	34	\$25,175.88	\$25,175.88	\$2,797.32	\$2,797.32	0	5		
2	7/1/02	7/31/02	31	\$364,803.03	\$389,978.91	\$40,533.67	\$43,330.99	7	9		

- 9/13/2002 Comments - Value Engineering Change Order being considered. Use Type J beams in lieu of Type VI. Cost savings to the project will be shared with the County. Cost of re-design to be borne by contractor.
- 9/6/2002 Comments - Change Order # 1 for \$54,000 approved by Williamson County Court. Steve Paulson notified of excavation being done around Arch. Site. Paulson is requiring conditions of Approval from the Corp of Engineers. HNTB asked PBS&J to provide. PBS&J notified that they will be paid for the re-design of beams and bridge design by the Contractor. ABR to coordinate with supplier (& possibly PBS&J) on re-design of beams in San Gabriel river bridge. County will realize savings to construction costs due to change.



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**AGENDA ITEM 31****Discuss and take appropriate action on jail/courthouse annex expansion.**

Ed Lee gave an update on the expansion project, stating that the parking garage project is proceeding on schedule. Gene Taylor stated that contract revisions are still in progress on the courthouse annex project. Computer hardware failure caused a delay in communication with Landmark on the contract.

No action was taken on this agenda item.

**AGENDA ITEM 32****Consider approving additional services for engineering and testing services on jail addition and parking garage.**

Ed Lee said that site conditions, including fill at the site and an inactive fault line, created a need for additional testing.

Moved: **Commissioner Hays**

Seconded: **Commissioner Limmer**

Motion: To approve additional services for Kohutek Engineering & Testing, Inc., for soils testing and engineering services on the jail addition and parking garage in the amount of \$40,000, which will come from the contingency fund for the project.

Vote: **4 - 0**

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