

Introduced by _____ Council Bill No. R 114-13

A RESOLUTION

authorizing Supplemental Agreement No. 3 with HDR Engineering, Inc. for engineering services relating to the design of Hominy Trail Phase II (East Section) from Woodridge Drive to I-70.

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF COLUMBIA, MISSOURI, AS FOLLOWS:

SECTION 1. The City Manager is hereby authorized to execute Supplemental Agreement No. 3 with HDR Engineering, Inc. for engineering services relating to the design of Hominy Trail Phase II (East Section) from Woodridge Drive to I-70. The form and content of the agreement shall be substantially as set forth in "Exhibit A" attached hereto and made a part hereof as fully as if set forth herein verbatim.

ADOPTED this _____ day of _____, 2013.

ATTEST:

City Clerk

Mayor and Presiding Officer

APPROVED AS TO FORM:

City Counselor

**SUPPLEMENTAL AGREEMENT NO. 3
TO
ENGINEERING SERVICES CONTRACT**

This Supplemental Agreement dated _____, 2013, is made part of an agreement dated December 1, 2008 between the City of Columbia and HDR Engineering, Inc. for design and construction inspection of project CPP-9999(511), Phase II of Hominy Trail – East Section. The purpose of this Supplemental Agreement is to establish an approved Plans, Specifications and Estimates (PS&E) date to be submitted and approved by MoDOT. The Supplemental Agreement will make the final PS&E approval by MoDOT on or before December 31, 2013.

The amended services, and costs, are outlined further in Attachment A. These amended services shall be in an amount not to exceed \$9,571.00 without further authorization.

IN WITNESS WHEREOF, the parties have caused this amendment to be executed by their duly authorized agents on the day and year first above written.

CITY OF COLUMBIA, MISSOURI

Mike Matthes, City Manager

ATTESTED BY:

By _____
Sheela Amin, City Clerk

APPROVED AS TO FORM:

By _____
Nancy Thompson, City Counselor

I hereby certify that the above expenditure is within the purpose of the appropriation to which it is charged, Account No. 440-8800-548.40-23, C00362, and that there is an unencumbered balance to the credit of such appropriation sufficient to pay therefor.

By _____
John Blattel, Director of Finance

HDR ENGINEERING, INC.

ATTACHMENT A

Hominy East Trail Redesign Scope of Services:

5-14-13

These services will entail the redesign of approximately 700' of trail from the I-70 south outer road to beneath the existing MoDOT box culverts of I-70 to a connection point with the Links Service Road. The original survey provided by the City of Columbia was from GIS mapping and existing field conditions and construction of a new MoDOT box culvert will require additional survey to represent actual field conditions. It is anticipated that a proposed retaining wall at station 127+00 may be eliminated during this redesign. It will also be necessary to add an additional retaining wall parallel to the Links Service Road when the trail exits the MoDOT box culvert to the connection point near station 132+00. A hand rail will be required along this stretch of retaining wall. The design for global stability of the proposed modular block wall is not included in this scope and should be provided by the wall manufacturer based on their type of wall system. There is no geotechnical services included in the scope. It is understood that a 30" pipe will be provided in the drainage swale between WB I-70 and the Links service road and that the City of Columbia will handle the approvals with MoDOT to allow the drainage pipe to punch through the existing wing flare. There is no additional permitting included in this scope.

HDR SUMMARY
ESTIMATED COST PLUS FIXED FEE

Date: 4/19/2013

East Hominy Trail Supplemental Design and Survey Services

SUMMARY OF PROJECT LABOR HOURS AND COSTS

1.0 Trail Revisions

QC Engineer	2	Hours @	\$ 65.00	=	\$	-
Project Principal	0	Hours @	\$ 70.00	=	\$	-
Project Manager	2	Hours @	\$ 60.00	=	\$	120
Sr. Traffic	0	Hours @	\$ 50.00	=	\$	-
Sr. Engineer	6	Hours @	\$ 60.00	=	\$	360
Project Engineer	45	Hours @	\$ 35.00	=	\$	1,575
Technician / Draftsman	0	Hours @	\$ 24.00	=	\$	-
Project Controller	0	Hours @	\$ 32.00	=	\$	-
Clerical	0	Hours @	\$ 25.00	=	\$	-
Subtotal	<u>55</u>		Total		<u>\$</u>	<u>2,185</u>

HDR SUMMARY
ESTIMATED COST PLUS FIXED FEE

Date: 4/19/2013

East Hominy Trail Supplemental Design and Survey Services

ESTIMATED LABOR COSTS

MANHOOR SUMMARY BY CLASSIFICATION

QC Engineer	2	Hours
Project Principal	0	Hours
Project Manager	2	Hours
Sr. Traffic	0	Hours
Sr. Engineer	6	Hours
Project Engineer	45	Hours
Technician / Draftsman	0	Hours
Project Controller	0	Hours
Clerical	0	Hours
Total Hrs.	55	Hours

DIRECT LABOR COSTS	\$ 2,185
Overhead @157.88%	\$ 3,450
Fixed Fee @13%	\$ 733
LABOR TOTALS	\$ 6,367

SUMMARY OF ESTIMATED DIRECT DESIGN EXPENSES

Subconsultants

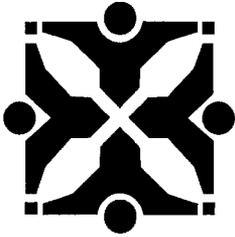
Allstate Consultants		
Additional Easements		\$0
Additional Topographical Survey (Allstate Consulting)		\$3,000
Hydraulic Survey		\$0
Geotechnical Investigation		\$0

Expenses

Printing	0 Prints @	\$ 0.10	=	\$0
Technology	55 Hours @	\$ 3.70	=	\$204

TOTAL DIRECT EXPENSES **\$3,204**

TOTAL PROJECT ENGINEERING FEES **\$ 9,571**



Source: Public Works *Jahr*

Agenda Item No:

To: City Council
From: City Manager and Staff *MM*

Council Meeting Date: Jun 17, 2013

Re: Amending the Engineering Contract for the Hominy Trail Phase II Project

EXECUTIVE SUMMARY:

Staff has prepared for Council consideration a resolution authorizing the City Manager to execute Supplemental Agreement No. 3 with HDR Engineering, Inc. for the design of the Hominy Trail Phase II project. The amendment is necessary in order to complete final design plans and extend the date that the design projects will be approved by MoDOT for construction bidding.

DISCUSSION:

The Hominy Trail Phase II project will extend the Hominy Trail from Woodridge Drive, in a northeasterly direction, to the Links development (see attached diagram). The project is currently in final design; however, additional design and surveying work is required by HDR, Engineering, Inc, as follows:

- * Previous re-alignment of the trail connection with Glenstone Rd/Hillsdale Rd north of the trail, and with the Richland Heights mobile home park south of the trail. The latter connection necessitated design of a low water crossing due to a no-rise issue.
- * Previous re-alignment of the trail on the now city-owned parcel acquired from Frech Leasing for the future Ballenger Lane overpass project over I-70.
- * MoDOT's replacement of the I-70 bridge over Hominy Creek with a box culvert will require significant revision to the project plans for Hominy Trail Phase II, as the current trail plans are not compatible with the culvert configuration. Final plans for MoDOT's box culvert extension were not available until late fall of 2012.
- * The original project design was based on topographic information from the City's GIS system. Changed site conditions along the Hominy Creek near I-70 and the box culvert extension have made it necessary to collect survey data manually. The I-70 box culvert is still under construction as of the writing of this memo, and will not be able to be surveyed until it is completed.
- * The final Plans, Specifications and Estimate (PS&E) deadline should be extended to December 31, 2013.

Previous amendments to this contract were executed in 2010 and in 2012. The first contract amendment involved separating the project from the Hominy Trail Phase I project; and re-alignment of the trail around the Canine Training Facility which was superceded by the subsequent re-alignment mentioned above when the City acquired the former Frech Leasing parcel. The second contract amendment was a no-cost amendment which extended the PS&E date as required by MoDOT.

FISCAL IMPACT:

The additional cost for the changes indicated above is a not to exceed amount of \$9,571. This will bring the total contract with HDR Engineering, Inc., to \$147,204.00.

VISION IMPACT:

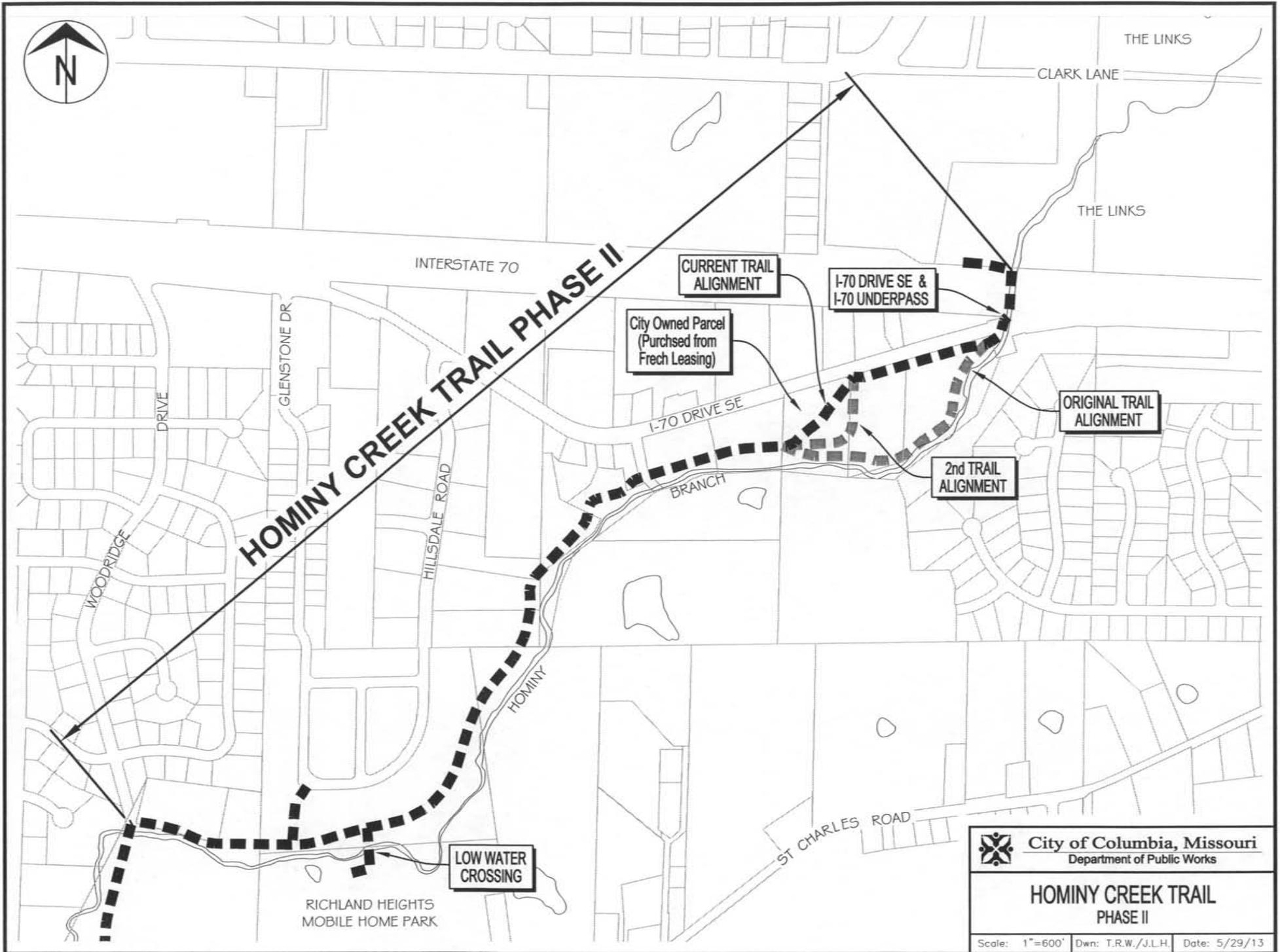
<http://www.gocolumbiamo.com/Council/Meetings/visionimpact.php>

An extensive, safe network of trails and a safe, interconnected, non motorized transportation network.

SUGGESTED COUNCIL ACTIONS:

Approve the resolution authorizing the City Manager to execute Supplemental Agreement No. 3 with HDR Engineering, Inc. for the design of the Hominy Trail Phase II project.

FISCAL and VISION NOTES:					
City Fiscal Impact Enter all that apply		Program Impact		Mandates	
City's current net FY cost	\$268,094.00	New Program/ Agency?	No	Federal or State mandated?	No
Amount of funds already appropriated	\$285,640.00	Duplicates/Expands an existing program?	No	Vision Implementation impact	
Amount of budget amendment needed	\$0.00	Fiscal Impact on any local political subdivision?	No	Enter all that apply: Refer to Web site	
Estimated 2 year net costs:		Resources Required		Vision Impact?	Yes
One Time	\$0.00	Requires add'l FTE Personnel?	No	Primary Vision, Strategy and/or Goal Item #	12.4
Operating/ Ongoing	\$0.00	Requires add'l facilities?	No	Secondary Vision, Strategy and/or Goal Item #	13.1
		Requires add'l capital equipment?	No	Fiscal year implementation Task #	



	City of Columbia, Missouri Department of Public Works	
	HOMINY CREEK TRAIL PHASE II	
Scale: 1"=600'	Dwn: T.R.W./J.L.H.	Date: 5/29/13