CITY		ENGINEER	
CITY OF JOPLIN **602 S. MAIN STREET** **JOPLIN, MO 64801**		Name: Olsson Associates DBA: Joplin Joint Engineering Team Address: 702 S. Main Joplin, Missouri 64801	
Attention: David Hertzberg, PE Troy Bolander		Attention: Clayton Cristy, PE, CFM Jack Schaller, PE	
Department: Public Works Planning and Development Services		Phone: 417-781-0643	Fax: 417-781-4714
Phone: 417-624-0820	Fax: 417-625-4738	Amendment 2, Right of Way Negotiations	

AMENDMENT _2___ TO WORK AUTHORIZATION NUMBER _JET CDBG DR-1 TRAIL_____
TO AGREEMENT FOR PROFESSIONAL ENGINEERING CONSULTING SERVICES

City and Engineer agree to amend their Agreement for Professional Engineering Consulting Services to include a scope of work and fees for engineering services, by adding the following terms to their Agreement.

1. **Services**. The City agrees to engage the services of the Engineer and the Engineer agrees to perform the services hereinafter set forth in connection with projects described in ***Exhibit A***.

2. **Addition to Services**. The City may add to the Engineer services or delete therefrom activities of a similar nature to those set forth in ***Exhibit A***, provided that the total cost of such work does not exceed the total cost allowance as specified in Paragraph 5 hereof. The Engineer shall undertake such changed activities only upon the direction of the City. All such directives and changes shall be in written form and prepared and approved by the City and shall be accepted and countersigned by the Engineer.

3. **Term**. The services of the Engineer shall commence as soon as practicable after the execution of this contract, unless otherwise directed in writing, and shall be undertaken and completed in such sequence as to assure their expeditious completion in the light of the purposes of the contract, but in any event, all of the services required hereunder shall be completed as set forth in the schedule for the project which is attached hereto as ***Exhibit A***.

4. **Costs not to Exceed**. The City of Joplin is limited by law with respect to the amount of money it can pay. Therefore, the City has established a fixed sum for this contract, which cannot be exceeded unless this contract is amended. The Engineer providing services hereunder shall be required to keep track of the amount of hours billable under this contract at all times; and any work in excess of the fixed sum shall not be eligible for payment. The Engineer shall notify the City if Engineer anticipates that the contract amount may be exceeded, in order to determine whether or not the City is prepared to increase the total compensation. The Engineer shall establish a billing system showing the amount of money remaining on the contract, which shall be shown in each monthly billing.

5. **Payment**.

a. **Conditioned upon acceptable performance**. The City agrees to pay the Engineer in accordance with the terms set forth in ***Exhibit A***, which shall constitute complete compensation for all services to be rendered under this contract; provided, that where payments are to be made periodically to Engineer for services rendered under this contract, the City expressly reserves the right to disapprove in whole or in part a request for payment where the services rendered during the period for which payment is claimed are not performed in a timely and satisfactory manner in accordance with the schedule and description of services set forth in ***Exhibit A***.

b. **Total compensation not to exceed**. It is expressly understood that in no event will the total additional compensation and reimbursement for the Scope of Work described in this Amendment be paid to the Engineer under the terms of Work Authorization Number JET CDBG DR-1 TRAIL exceed the sum of Twenty Three Thousand Six Hundred Fifty Nine Dollars ($____23,659_____).

6. **Insurance**. Without limiting any of the other obligations or liabilities of the Engineer, the Engineer shall secure and maintain at its own cost and expense, throughout the duration of this Contract and until the work is completed and accepted by the City of Joplin, insurance of such types and in such amounts as may be necessary to protect it and the interests of the City of Joplin against all hazards or risks of loss as hereunder specified or which may arise out of the performance of the Contract Documents. The form and

limits of such insurance, together with the underwriter thereof in each case, are subject to approval by the City of Joplin. Regardless of such approval, it shall be the responsibility of the Engineer to maintain adequate insurance coverage at all times during the term of the Contract. Failure of the Engineer to maintain coverage shall not relieve it of any contractual responsibility or obligation or liability under the Contract Documents.

The certificates of insurance, including evidence of the required endorsements hereunder or the policies, shall be filed with the City at the time that this contract is signed by the Engineer. All insurance policies shall provide thirty (30) days written notice to be given by the insurance company in question prior to modification or cancellation of such insurance. Such notices shall be mailed, certified mail, return receipt requested, to:

City of Joplin - Public Works, 602 S. Main, Joplin, MO 64801; and

Such policies shall name the City as an additional insured with limits of liability not less than the sovereign immunity limits for Missouri public entities calculated by the Missouri Department of Insurance as of January 1 each calendar year and published annually in the Missouri Register pursuant to Section 537.610, RSMo.
(See, http://insurance.mo.gov/industry/sovimmunity.php).

As of January 1, 2017, the minimum coverage for the insurance referred to herein shall be as set out below:

a. Workers' Compensation….Statutory coverage per RSMo 287.010 et seq.
Employer's Liability……. $1,000,000.00

b. Commercial General Liability Insurance, including coverage for Contractual Liability and Independent Contractors Liability. Such coverage shall apply to bodily injury and property damage on an "Occurrence Form Basis" with limits of at least Two Million Seven Hundred Sixty Two Thousand Seven Hundred Eighty Nine and no/100 Dollars ($2,762,789.00) for all claims arising out of a single accident or occurrence and at least Four Hundred Fourteen Thousand Four Hundred Eighteen and no/100 Dollars ($414,418.00) with respect to injuries and/or death of any one person in a single occurrence and an amount not less than at least $1,000,000 for all claims to property arising out of a single occurrence and at least $100,000 to any one owner with respect to damages to property. Engineer agrees that the proceeds of such insurance policy shall first be used to pay any award, damages, costs, and/or attorneys' fees incurred by or assessed against City, its employees, officers and agents, before payment of any award, damages, costs or attorneys fees of Engineer, its employees, officers or agents. Engineer agrees to cause its insurer to name City as an additional insured on such insurance policy, including the City as an additional insured for coverage under its products-completed operations hazard, and said policy shall be primary and noncontributory.

c. Automobile Liability Insurance covering bodily injury and property damage for owned, non-owned and hired vehicles, with limits of at least Two Million Seven Hundred Thirty-Four Thousand Five Hundred Sixty-Seven and no/100 Dollars ($2,734,567.00) for all claims arising out of a single accident or occurrence and at least Four Hundred Ten Thousand One Hundred Eighty-Five and no/100 Dollars ($410,185.00) with respect to injuries and/or death of any one person in a single accident or occurrence.

d. Errors and Omissions Insurance. The Engineer shall maintain a professional liability insurance policy in the amount of $1,000,000.00. This policy shall remain in full force and effect for a period of one year after completion and acceptance by the City of the construction of the project.

e. Subcontracts. In case any or all of this work is sublet, the Engineer shall require the subcontractor to procure and maintain all insurance required in subparagraphs (A), (B) and (C) hereof and in like amounts. Engineer shall require any and all subcontractors with whom it enters into a contract to perform work on this project to protect the City of Joplin through insurance against applicable hazards or risks and shall, upon request of the City, provide evidence of such insurance.

f. Notice. The Engineer and/or subcontractor shall furnish the City prior to beginning the work satisfactory proof of carriage of all the insurance required by this contract, with the provision that policies shall not be canceled, modified or non-renewed without thirty (30) days written notice to the City of Joplin.

g. Legislative or Judicial Changes. In the event the scope or extent of the City's tort liability as a governmental entity as described in Section 537.600 through 537.650 RSMo is broadened or increased during the term of this agreement by legislative or judicial action, the City may require Engineer, upon 10 days written notice, to execute a contract addendum whereby the Engineer agrees to provide, at a price not exceeding Engineer's actual increased premium cost, additional liability insurance coverage as the

City may require to protect the City from increased tort liability exposure as the result of such legislative or judicial action. Any such additional insurance coverage shall be evidenced by an appropriate certificate of insurance and shall take effect within the time set forth in the addendum.

7. All other terms and conditions of the original Agreement shall remain in effect.

IN WITNESS WHEREOF, the parties hereto have set their hands and seals on the day and year herein stated.

REVIEWED FOR APPROVAL

Olsson Associates
Engineer: DBA: Joplin Joint Engineering Team

Name & Title of Staff Project Manager

By: John S. Olsson

Printed Name: John S. Olsson

Title: Senior Vice President

Date: 8/22/17

CERTIFICATE OF DIRECTOR OF FINANCE

I certify that the expenditure contemplated by this document is within the purpose of the appropriation to which it is to be charged and that there is an unencumbered balance of appropriated and available funds to pay therefore.

Leslie Haase, Director of Finance

CITY OF JOPLIN, MISSOURI

By:
David Hertzberg, P.E.
Public Works Director

Date:

APPROVED AS TO FORM

Peter Edwards, City Attorney

By:
Troy Bolander
Director of Planning & Development

Date:

EXHIBIT A
CLARIFICATION OF SERVICES
JET CDBG DR-1 TRAIL AMENDMENT 2

The following Clarification of Services, Assumptions, and Exclusions is an Amendment to Work Authorization Number JET CDBG DR-1 TRAIL executed originally on 1-28-16.

A. PROJECT DEFINITION: MOHASKA TRAIL PROJECT

Mohaska Trail Project includes the addition of a trial that connects Cunningham Park to Mercy Park, then to Mohaska Park, then up to 26th Street, and finally over to Main Street. The trail generally runs along 26th, down St Johns, across 28th Street, over to Jackson, along old Mohaska Road right of way, over to Pearl, up to 26th Street, and across to Main. Included as well is a connection from 28th Street to 32nd Street along Old St Johns Blvd. The trial would be a minimum of 10 feet wide to provide space for pedestrians and Bicyclists.

B. CLARIFICATION OF SERVICES – Right of Way Services

Right of Way Services: The JET will perform Right of Way service for the project, which includes negotiation services associated with the easements and rights of way along the project corridor. Specific services include:

1. Read and understand construction plans, appraisals reports, land and easement documents.
2. Prepare the required documents for distribution regarding the easement/right of way acquisition process. The documents shall meet CDBG, MODOT, HUD and The Uniform Relocation Assistance and Real Property Acquisition Act (1970) requirements.
3. Distribute required documents to property owners regarding easement and right of way acquisition.
4. Communicate verbally and in written correspondence to property owners.
5. Review of City provided appraisals. (This shall not be considered a "Review Appraisal" as defined by federal agencies)
6. Utilize combined procedures of CDBG and MODOT acquisition directives and HUD acquisition process.
7. Meet with properties owners and communicate the combined acquisition process for CDBG and MODOT.
8. The acquisition process shall adhere to The Uniform Relocation Assistance and Real Property Acquisition Act (1970).
9. Order appraisal reports, review appraisals. (Additional Services)
10. Negotiate property acquisitions and maintain negotiation reports.
11. Prepared documents for closing on properties purchased for right of way.
12. Forward documents to the County for recording.
13. Maintain spreadsheets and reports for tracking projects.

14. Assist citizens in obtaining information regarding CDBG projects and property ownership issues.

C. PROJECT ASSUMPTIONS

1. Negotiation shall include up to three contracts the owner. After three contacts with the owner we will request direction from the City on how to proceed (condemnation or continued negotiations with Read and understand construction plans, appraisals reports, land and easement documents.
2. 34 Easements
3. 23 Property owners

D. EXCLUSIONS

1. Right of Way monumentation
2. All services not specifically listed are assumed to be excluded

Appendix A
Total Project Fee

AMENDMENT 1 TO JET CDBG DR-1 TRAIL
Based on 2017 Rates

Task No.	Task Description	Fee Estimate
1	Project Management	$ 1,906
2	Right of WayNegotiations	$ 21,754
	Total Project Cost (Not Including Construction Inspection)	**$ 23,660**
	Total Project Cost (Including Construction Inspection)	**$ 23,660**

Billing Rate Table
Joplin CDBG PAP 7-1

Classifications	2016	2017	2018
Design Services			
Principal in Charge	$255.00	$262.65	$270.53
Program Manager	$185.00	$190.55	$196.27
Client Manager	$180.00	$185.40	$190.96
Senior Engineer	$171.00	$176.13	$181.41
Senior Project Engineer	$155.00	$159.65	$164.44
Project Engineer	$132.00	$135.96	$140.04
Associate Engineer	$116.00	$119.48	$123.06
Assistant Engineer	$96.00	$98.88	$101.85
Senior Landscape Architect	$150.00	$154.50	$159.14
Project Landscape Architect	$110.00	$113.30	$116.70
Design Associate	$107.00	$110.21	$113.52
Senior Technician	$86.00	$88.58	$91.24
Associate Technician	$72.00	$74.16	$76.38
Assistant Technician	$61.00	$62.83	$64.71
Student Technician	$61.00	$62.83	$64.71
Field Services			
Senior Surveyor	$148.00	$152.44	$157.01
Surveyor	$92.00	$94.76	$97.60
Survey 1-Man Crew	$120.00	$120.00	$120.00
Survey 2-Man Crew	$150.00	$150.00	$150.00
Senior Scientist	$148.00	$152.44	$157.01
Project Scientist	$112.00	$115.36	$118.82
Associate Scientist	$90.00	$92.70	$95.48
Certified Welder Inspector	$100.00	$103.00	$106.09
ICC Welding Inspector	$100.00	$103.00	$106.09
Bolting Inspector	$100.00	$103.00	$106.09
Standby Time	$100.00	$103.00	$106.09
Steel Technician	$100.00	$103.00	$106.09
Steel Technician Standby	$100.00	$103.00	$106.09
Steel Technician Overtime	$150.00	$154.50	$159.14
Steel Technician Re-Observation	$100.00	$103.00	$106.09
Steel Technician Re-Observation OT	$150.00	$154.50	$159.14
NDT Level II Technician	$110.00	$113.30	$116.70
NDT Level II Standby	$110.00	$113.30	$116.70
NDT Level II Double Time	$220.00	$226.60	$233.40

Classifications (cont.)	**2016**	**2017**	**2018**
NDT Level III Technician	$285.00	$293.55	$302.36
NDT Technician Overtime	$165.00	$169.95	$175.05
NDT 2 Man Crew	$170.00	$175.10	$180.35
NDT 2 Man Crew Re-Observation	$170.00	$175.10	$180.35
NDT 2-Man Crew Overtime	$255.00	$262.65	$270.53
NDT 2-Man Crew Double Time	$340.00	$350.20	$360.71
NDT 3 Man Crew - A (1 Level II)	$235.00	$242.05	$249.31
NDT 3-Man Crew - A (1 Level II) Overtime	$352.50	$363.08	$373.97
NDT 3 Man Crew - B (2 Level II)	$290.00	$298.70	$307.66
NDT 3-Man Crew - B (2 Level II) Overtime	$435.00	$448.05	$461.49
NDT Support Crew	$60.00	$61.80	$63.65
Technician	$60.00	$61.80	$63.65
Technician Re-Observation	$60.00	$61.80	$63.65
Technician Standby	$60.00	$61.80	$63.65
Technician – Overtime	$90.00	$92.70	$95.48
Senior Technician	$70.00	$72.10	$74.26
Senior Technician Re-Observation	$70.00	$72.10	$74.26
Senior Technician Standby	$70.00	$72.10	$74.26
Senior Technician – Overtime	$105.00	$108.15	$111.39
NACE Inspection	$100.00	$103.00	$106.09
NACE Inspection Overtime	$150.00	$154.50	$159.14
SWPPP Inspections	$85.00	$87.55	$90.18
Administrative Services			
Administrative Coordinator	$80.00	$82.40	$84.87
Administrative Assistant	$66.00	$67.98	$70.02
Network Systems Administrator	$97.00	$99.91	$102.91
Secretarial	$52.00	$53.56	$55.17

OLSSON ASSOCIATES

Field Service Unit Rate Table
Joplin CDBG PAP 7-1

Unit Code and Description		2016 Rates	2017 Rates	2018 Rates
STDPCTR OLA	Standard Proctor	$165.00	$169.95	$175.05
MODPCTR OLA	Modified Proctor	$205.00	$211.15	$217.48
OVSZCMP OLA	Oversize Correction	$60.00	$61.80	$63.65
ATERBRG OLA	Atterberg Limits	$90.00	$92.70	$95.48
CLFRPRT	Clay Lumps & Friable Particles in Aggregates	$315.00	$324.45	$334.18
CUTRIAX	Consolidated Undrained Triaxal Comp	$1,600.00	$1,648.00	$1,697.44
CUTRIAX	Consolidated Undrained Triaxal Comp-Remold	$1,950.00	$2,008.50	$2,068.76
LA ABR	Degradation of Aggregate by LAR Machine	$400.00	$412.00	$424.36
DLTMIL	Deleterious Content of Aggregates	$60.00	$61.80	$63.65
	Lightweight Particles in Aggregates	$200.00	$206.00	$212.18
GRAD>34 OLA	Gradation > 3/4"	$120.00	$123.60	$127.31
GRAD<34 OLA	Gradation < 3/4"	$100.00	$103.00	$106.09
MGA S OLA	Grain Size Analysis (Sieves)	$100.00	$103.00	$106.09
MGA H OLA	Grain Size Analysis (Hydrometer)	$165.00	$169.95	$175.05
RELDT	Min/Max Index Density & Unit Weight (Vibatory Table)	$236.00	$243.08	$250.37
RRG	Particle Size Analysis of Riprap Materials	$1,200.00	$1,236.00	$1,273.08
P-200 OLA	Percent Fines (Passing #200)	$60.00	$61.80	$63.65
SPCFGVT OLA	Specific Gravity of Course Aggregate	$145.00	$149.35	$153.83
SPCFGVT OLA	Specific Gravity of Fine Aggregate	$145.00	$149.35	$153.83
%FR CA	Percentage of Fractured Particles in Course Aggregate	$90.00	$92.70	$95.48
MC OLA	Percent Moisture Content	$11.00	$11.33	$11.67
CNHDPRM OLA	Permeability of Granular Soils (Constant Head)	$150.00	$154.50	$159.14
FHDPRM OLA	Permeability of Granular Soils (Falling Head)	$150.00	$154.50	$159.14
	Moisture Content by Microwave	$16.00	$16.48	$16.97
DRYDENS OLA	Dry Density Test	$21.00	$21.63	$22.28
DST	Direct Shear Test of Soils (1 pt)	$450.00	$463.50	$477.41
1 PT	One Point Procter Verification	$55.00	$56.65	$58.35
ORGIMP OLA	Organic Impurities in Fine Aggregate	$95.00	$97.85	$100.79
UCT OLA	Unconfined Compressive Strength - Soil	$47.00	$48.41	$49.86
CMPS RC	Unconfined Compressive Strength - Rock	$57.00	$58.71	$60.47
UUTRIAX	Unconsolidated-Undrained Triaxial Compression	$150.00	$154.50	$159.14
UNIT WT	Unit Weight	$65.00	$66.95	$68.96
COMPS C OLA	Compressive Strength - Concrete Cylinder	$19.00	$19.57	$20.16
COMPSCC OLA	Compressive Strength - Concrete Core	$52.00	$53.56	$55.17
COMPS G OLA	Compressive Strength - Grout	$38.00	$39.14	$40.31
COMPS B OLA	Compressive Strength - Block	$115.00	$118.45	$122.00

Unit Code and Description (cont.)		2016 Rates	2017 Rates	2018 Rates
HLWPRSM OLA	Compressive Strength - Block Prism	$145.00	$149.35	$153.83
COMPS M OLA	Compressive Strength - Mortar	$38.00	$39.14	$40.31
C BEAM (3 PT)	Flexural Strength - Concrete Beam 3 Point	$62.00	$63.86	$65.78
FLXST OLA	Flexural Strength - Concrete Beam Center PT	$62.00	$63.86	$65.78
CORDNST OLA	Core Density	$28.00	$28.84	$29.71
CORTHIK OLA	Core Thickness	$22.00	$22.66	$23.34
MVE OLA	Vapor Emission Test Kit	$45.00	$46.35	$47.74
A MX VRF OLA	Asphalt Mix Verification Test	$1,250.00	$1,287.50	$1,326.13
A IGNOV OLA	Oil Content - Ignition Method	$170.00	$175.10	$180.35
ARVD	Percent Air Voids in Compacted Paving Mix	$30.00	$30.90	$31.83
CORDNST OLA	Bulk Specific Gravity	$29.00	$29.87	$30.77
A EX	Quantitative Extraction of Bituman Paving Mix	$175.00	$180.25	$185.66
	Gyratory Compaction Bulk Specific (1-point)	$140.00	$144.20	$148.53
MAR D OLA	Marshall Density	$155.00	$159.65	$164.44
STA/FLO	Marshall Stability and Flow	$270.00	$278.10	$286.44
SIEVE	Sieve Analysis of Extracted Gravity	$100.00	$103.00	$106.09
SPCFGZVT OLA	Theoretical Maximum Specific Gravity	$175.00	$180.25	$185.66
TRQWNCH OLA	Torque Wrench	$60.00	$61.80	$63.65
CORMCH OLA	Concrete Coring Equipment - Per Day	$145.00	$149.35	$153.83
MBLAB OLASI	Mobile Lab - Per Month	$400.00	$412.00	$424.36
	Construction Vehicle - Per Mile	$0.75	$0.77	$0.80

CJW
Providing Transportation and Engineering Solutions

5051 S. National, Ste. 4-110
Springfield, MO 65810
Phone: 417.889.3400
Fax: 417.889.3402
www.GoCJW.com

	Hourly Rates		
Staff Classification	2016	2017	2018
Principal	$162.00	$167.00	$172.00
Senior Engineer	$143.00	$147.00	$151.00
Project Engineer	$101.00	$104.00	$107.00
Engineer Intern	$69.00	$71.00	$73.00
Project Manager	$79.00	$81.00	$83.00
Inspector	$79.00	$81.00	$83.00
Senior Designer	$79.00	$81.00	$83.00
Senior Designer II	$74.00	$76.00	$78.00
Survey Manager / PLS	$83.00	$85.00	$88.00
Survey Crew Chief	$69.00	$71.00	$73.00
Survey Crew Member	$57.00	$59.00	$61.00
2 Person Survey Crew	$126.00	$130.00	$134.00
3 Person Survey Crew	$181.00	$186.00	$192.00
4 Person Survey Crew	$238.00	$245.00	$252.00
Traffic Data Collector	$27.00	$28.00	$29.00
Engineering Technician	$59.00	$61.00	$63.00
Administrator	$32.00	$33.00	$34.00
Clerical	$27.00	$28.00	$29.00

Vehicle	Per Federal Rate	
Copies	$0.10	each
Blueprints	$0.50	SQFT
Real Time GPS Equipment	$250.00	per day
Robotic Prism less Instrument	$195.00	per day