CITY		ENGINEER	
CITY OF JOPLIN 602 S. MAIN STREET JOPLIN, MO 64801		Name: Allgeier, Martin and Associates, Inc. Address: 7231 East 24th Street, P.O. Box 2627 Joplin, MO 64803	
Attention: **Nicholas A. Heatherly, PE,CFM** **nheather@joplinmo.org**		Attention: CHRIS ERISMAN, P.E.	
Department: **Public Works Department**		Phone: 417.680.7200	Fax: 417.680.7300
Phone: **417-624-0820, ext 500**	Fax: **417-625-4738**		

WORK AUTHORIZATION NUMBER AMA-DR2AP1-3
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 compensation and reimbursement to be paid to the Engineer under the terms of this work Authorization Number AMA-DR2AP1-3 exceed the sum of Seven Hundred-Eighty Four Thousand and No/100 Dollars ($784,000.00).

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 cancellation or non-renewal 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

All policies except for the professional liability policy 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, 2014, 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 Twenty-Seven Thousand Four Hundred Eighty-Nine and no/100 Dollars ($2,727,489.00) for all claims arising out of a single accident or occurrence and at least Four Hundred Nine Thousand One Hundred Twenty-Three and no/100 Dollars ($409,123.00) 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 Twenty-Seven Thousand Four Hundred Eighty-Nine and no/100 Dollars ($2,727,489.00) for all claims arising out of a single accident or occurrence and at least Four Hundred Nine Thousand One Hundred Twenty-Three and no/100 Dollars ($409,123.00) 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 on both a per-claim and an aggregate basis. 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

Dan Brown P.E.
Name & Title of Staff Project Manager

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
Leslie Haase, Director of Finance

APPROVED AS TO FORM

Peter Edwards, City Attorney

Engineer: Allgeier, Martin and Associates, Inc.

By: Chris Erisman

Printed Name: Chris Erisman, P.E.

Title: Vice President

Date: August 10, 2015

CITY OF JOPLIN, MISSOURI

By: Nicholas A. Heatherly

Nicholas A. Heatherly, P.E.
Public Works Director

Date: 11/17/15

EXHIBIT A TO WORK AUTHORIZATION NUMBER AMA-DR2AP1-3 TO AGREEMENT FOR PROFESSIONAL ENGINEERING CONSULTING SERVICES (Between the City of Joplin, Missouri and Allgeier, Martin and Associates, Inc. for Engineering Services Associated with CDBG DR2 Funding)

1. SERVICES

Engineer shall provide the City of Joplin with the following services:

1.1 General

1.1.1 ENGINEER shall perform professional planning, design, bidding, and construction phase services as hereinafter stated which include customary civil, structural, and mechanical engineering services.

1.1.2 Coordinate the planning, design and construction of the sanitary sewer projects with the other Consulting firms responsible for other improvement aspects of the overall project as well as the City of Joplin and the CDBG funding program having jurisdiction over the project.

1.1.3 In general, the Project consists of the following:

1.1.3.1 Project area boundary is identified in Attachment Number One to Exhibit A.

1.1.3.2 Bidding and Construction Phase Engineering for sanitary sewer renovation project number three as anticipated for the remainder of the Phase One Renovation project not included in other work authorization agreements.

1.1.3.3 Resident Construction Representation Phase services for sanitary sewer renovation project number three and the Maiden Lane Renovation project as anticipated for the remainder of the Phase One Renovation Project not included in other work authorization agreements. It is estimated that approximately 71,000 LF of sanitary sewer main total and associated manholes will be renovated as part of this Phase One project. Services will be provided full time with an estimated total Phase One construction duration of 15 months.

1.1.3.4 Bidding and Construction Phase Engineering for the Bartlett Interceptor Sewer Replacement project.

1.1.3.5 Bidding and Construction Phase Engineering for the Shoal Creek Public Extension, Blendville Addition Public and 23rd Street Public Interceptor Sewer replacement project.

1.1.3.6 Resident Construction Representation Phase services for the Bartlett Interceptor Sewer replacement project and for the Shoal Creek Public Extension, Blendville Addition Public and 23rd Street Public Interceptor Sewer replacement project. Services will be provided full time with an estimated total Phase One construction duration of 10 months.

1.1.3.7 Design of the existing West 12th/Harmony Heights Interceptor Sewer replacement/upgrades project. This project will consist of the replacement and capacity upgrade of approximately 1,850 LF of 8" diameter, 2,150 LF of 10" diameter and 2,250 LF of 15" diameter gravity sewer mains along with approximately 25 manholes. The project is anticipated to begin in the vicinity of 14th Street and Iowa Avenue, then south to near 20th Street and Iowa Avenue, then along 20th Street east to Indiana Avenue and then generally southeast along and near a drainageway to just west of Kansas Avenue and 26th Street.

1.1.3.8 Design of the existing 20th street manhole relocations from Main Street to near Texas Avenue. This project will consist of relocating a majority of the existing sanitary sewer manholes that are underneath the 20th street pavement to outside of the 20th street right-of-way, where determined feasible.

1.1.3.9 Coordination of the tasks included within this Agreement with other City Consultants designing CDBG infrastructure improvements within the project area as well as other City Consultants designing infrastructure improvements utilizing State funding near the project area; with utility companies; with City of Joplin staff and with the City's CDBG administrative consultant; and with the project schedules of each said infrastructure improvement consultant. This service will also include maintaining and modifying the overall project strategy previously developed.

1.2 Planning and Design Phases.

ENGINEER shall provide the following planning and design services for projects described in paragraphs 1.1.3.7 and 1.1.3.8:

1.2.1 Meet with OWNER and OWNER's representatives to discuss recommendations, project expectations, alternate routes and costs.

1.2.2 Evaluate available data for areas in which planning and design services are to be completed for incorporation into design documents.

1.2.3 Evaluate drainage areas and known future land uses for areas in which existing sanitary sewer lines are to be replaced and considered for upgrades in capacity to calculate a size for new replacement sanitary sewer mains in those areas. Future land uses may need to be determined based upon Engineering judgment and known information as to future development plans known by OWNER and OWNER's representatives.

1.2.4 Consult with OWNER's representatives regarding the preferred rehabilitation and replacement alternatives.

1.2.5 Obtain topographic survey data and field information relative to existing facilities to the extent necessary for design of sewer replacement projects. Coordinate with other firms for the scheduling of other infrastructure improvement projects planned for the respective project areas.

1.2.6 Conduct research and investigation into existing utilities located within the project boundaries.

1.2.7 Investigate existing rights-of-way and easement boundaries along project route. It is anticipated that all projects will be designed within existing City of Joplin right-of-way and easements.

1.2.8 Prepare preliminary design documents consisting of final design criteria and preliminary drawings, and review same with OWNER.

1.2.9 Based on the information contained in the preliminary design documents, submit to the OWNER an opinion of probable project costs.

1.2.10. On the basis of the accepted preliminary design documents and the opinion of probable project cost, prepare for incorporation in the contract documents final drawings and specifications to show the character and extent of the Project.

1.2.11. Furnish to OWNER such documents and design data as may be required and assist in the preparation of the required documents so that the OWNER may apply for approvals of such governmental authorities as have jurisdiction over design criteria applicable to the Project, and assist in obtaining such approvals by participating in submissions to and negotiations with appropriate authorities.

1.2.12. Advise OWNER of any adjustments to the latest opinion of probable Project cost caused by changes in extent or design requirements of the Project or construction costs and furnish a revised opinion of probable Project cost based on the drawings and specifications.

1.2.13. Prepare for review and approval by OWNER, his legal counsel and other advisors contract agreement forms, general conditions, supplementary conditions, bid forms, invitations to bid and instructions to bidders, and assist in the preparation of other related documents.

1.2.14. Furnish three copies of the above documents and present and review them in person with OWNER.

1.2.15. Submit copies of the plans, specifications, bid and contract documents, and other related documents to the governmental agencies having jurisdiction over the project for their review and approval.

1.2.16 Provide assistance to the OWNER relative to submission of documentation to regulatory agencies for involvement in the Community Development Block Grant (CDBG) program.

1.3 Bidding and Construction Phase

Following approval of the design documents by the OWNER, ENGINEER shall assist in the bidding phase for projects described in paragraphs 1.1.3.2, 1.1.3.4 and 1.1.3.5, as follows:

Upon execution of this agreement by the OWNER, and following the completion of the appropriate design-phase elements of the project, the ENGINEER shall:

1.3.1 Assist OWNER in advertising and obtaining bids for construction of the Project. Develop and distribute invitations to bid to contractors, plan houses, etc. Provide interested contractors and suppliers with copies of the plans and specifications as requests are made.

1.3.2 Consult with and advise OWNER as to the acceptability of subcontractors and other persons and organizations proposed by the prime contractor(s) for those portions of the work as to which such acceptability is required by the bidding documents.

1.3.3 Consult with and advise OWNER as to the acceptability of substitute materials and equipment proposed by contractor(s) when substitution prior to the award of contracts is allowed by the bidding documents.

1.3.4 Respond to pre-bid questions, provide clarifications, review pre-bid submittal, prepare any necessary addenda, and oversee the opening of bids.

1.3.5 Submit to appropriate regulatory agencies the bid documents and revised cost estimates, and other post-bid documentation required by the CDBG program.

1.3.6 Assist OWNER in evaluating bids or proposals and in assembling and awarding contract.

1.3.7 Attend scheduled pre-bid or pre-construction conferences.

1.3.8 Review contractor's proposed project schedule and provide OWNER with estimates of required Project cash-flow.

1.3.9 Review and approve (or take other appropriate action in respect of) shop drawings (as that term is defined in the standard general conditions) and samples, the results of tests and inspections and other data which the contractor is required to submit, but only for conformance with the design concept of the Project and compliance with the information given in the contract documents (but such review and approval or other action shall not extend to means, methods, sequences, techniques, or procedures of construction or to safety precautions and programs incident thereto); determine the acceptability of substitute materials and equipment proposed by contractor(s); and receive and review (for general content as required by the Specifications) maintenance and operating instructions, schedules, guarantees, bonds and certificates of inspection which are to be assembled by contractor in accordance with the contract documents.

1.3.10 Issue all instructions of OWNER to contractor(s); issue necessary interpretations and clarifications of the contract documents and in connection therewith prepare change orders as required; have authority, as

1.4 Resident Project Representation.

1.4.1 At the OWNER's discretion, ENGINEER may be requested to furnish a resident project representative (RPR), assistants, and other field staff to assist ENGINEER in observing performance of the work of the contractor. If the ENGINEER is asked to provide an RPR for the project, it is through the more extensive on-site observations of the work in progress and field checks of materials and equipment by the RPR and assistants, that ENGINEER shall endeavor to provide further protection for OWNER against defects and deficiencies in the work of contractor; but the furnishing of such services will not make ENGINEER responsible for or give ENGINEER control over construction means, methods, techniques, sequences or procedures or for safety precautions or programs, or responsibility for contractor's failure to perform the work in accordance with the contract documents.

If the OWNER requests that ENIGNEER provide a resident project representative, said RPR is ENGINEER's agent at the site, will act as directed by and under the supervision of ENGINEER, and will confer with ENGINEER regarding RPR's actions. RPR's dealings in matters pertaining to the on-site work shall in general be with ENGINEER and contractor, keeping OWNER advised as necessary. RPR's dealings with subcontractors shall only be through or with the full knowledge and approval of contractor. RPR shall generally communicate with OWNER with the knowledge of and under the direction of ENGINEER.

If the OWNER elects to exclude resident project representation from the scope of this contract, and instead provide that service with local personnel, the OWNER's RPR shall act as the OWNER's agent at the site, and will confer with ENGINEER regarding RPR's actions. RPR's dealings in matters pertaining to the on-site work shall continue to be in general with the ENGINEER and contractor, keeping the OWNER advised. It is intended that the duties and responsibilities, as well as the limitations of authority, set forth in Sections 1.4.2 and 1.4.3 of this contract, are applicable regardless of which party provides the RPR.

1.4.2. Duties and Responsibilities of RPR.

1.4.2.1 Schedules: Review the progress schedule, schedule of shop drawing submittals, and schedule of values prepared by contractor and consult with ENGINEER concerning acceptability.

1.4.2.2 Conferences and Meetings: Attend meetings with contractor, such as preconstruction conferences, progress meetings, job conferences, and other project-related meetings.

1.4.2.3 Liaison:

a) Serve as ENGINEER's liaison with contractor, working principally through contractor's superintendent and assist in understanding the intent of the contract documents; and assist ENGINEER in serving as OWNER's liaison with contractor when contractor's operations affect OWNER's on-site operations.

b) Assist in obtaining from OWNER additional details or information required for proper execution of the work.

1.4.2.4 Shop Drawings and Samples:

a) Record date of receipt of shop drawings and samples.

b) Receive samples that are furnished at the site by contractor, and notify ENGINEER of availability of samples for examination.

c) Advise ENGINEER and contractor of the commencement of any work requiring a shop drawing or sample if the submittal has not been approved by ENGINEER.

1.4.2.5 Review of Work, Rejection of Defective Work, Inspections and Tests:

a) Conduct on-site observations of the work in progress to assist ENGINEER in determining if the work is in general proceeding in accordance with the contract documents.

b) Report to ENGINEER whenever RPR believes that any work is unsatisfactory, faulty, or defective or does not conform to the contract documents, or has been damaged, or does not meet the requirements of any inspection, test, or approval required to be made; and advise ENGINEER of work that RPR believes should be corrected or rejected or should be uncovered for observation, or requires special testing, inspection, or approval.

c) Verify that tests, equipment, and systems startups and operating and maintenance training are conducted in the presence of appropriate personnel, and that contractor maintains adequate records thereof; and observe, record, and report to ENGINEER appropriate details relative to the test procedures and startups.

d) Accompany visiting inspectors representing public or other agencies having jurisdiction over the Project, record the results of these inspections, and report to ENGINEER.

1.4.2.6 Interpretation of Contract Documents: Report to ENGINEER when clarifications and interpretations of the contract documents are needed and transmit to contractor clarifications and interpretations as issued by ENGINEER.

1.4.2.7 Modifications: Consider and evaluate contractor's suggestions for modifications in drawings or specifications and report with RPR's recommendations to ENGINEER. Transmit to contractor decisions as issued by ENGINEER.

1.4.2.8 Records:

a) Maintain orderly files for correspondence, reports of job conferences, shop drawings and samples, reproductions of original contract documents including all work directive changes, addenda, change orders, field orders, additional drawings issued subsequent to the execution of the contract, ENGINEER's clarifications and interpretations of the contract documents, progress reports, and other project related documents.

b) Keep a diary or log book, recording contractor hours on the job site, weather conditions, data relative to questions of work directive changes, change orders, or changed conditions, list of job site visitors, daily activities, decisions, observations in general and specific observations in more detail as in the case of observing test procedures; and send copies to ENGINEER.

c) Record names, addresses, and telephone numbers of all contractors, subcontractors, and major suppliers of materials and equipment.

1.4.2.9 Reports:

a) Furnish ENGINEER with periodic reports, as required, of progress of the work and of contractor's compliance with the progress schedule and schedule of shop drawings and sample submittals.

b) Consult with ENGINEER in advance of scheduled major tests, inspections, or start of important phases of the work.

c) Draft proposed change orders and work directive changes, obtaining backup material from contractor and recommend to ENGINEER change orders, work directive changes, and field orders.

d) Report immediately to ENGINEER and OWNER upon the occurrence of any accident.

1.4.2.10 Payment Requests: Review applications for payment with contractor for compliance with the established procedure for their submission, and forward with recommendations to ENGINEER, noting particularly the relationship of the payment requested to the schedule of values, work completed, and materials and equipment delivered at the site but not incorporated in the work.

1.4.2.11 Certificates, Maintenance, and Operation Manuals: During the course of the work, verify that certificates, maintenance, and operation manuals and other data required to be assembled and furnished by contractor are applicable to the items actually installed and in accordance with the contract documents, and have this material delivered to ENGINEER for review and forwarding to OWNER prior to final payment for the work.

1.4.2.12 Completion:

a) Before ENGINEER issues a certificate of substantial completion, submit to contractor a list of observed items requiring completion or correction.

b) Conduct final inspection in the company of ENGINEER, OWNER, and contractor, and prepare a final list of items to be completed or corrected.

c) Observe that all items on final list have been completed or corrected and make recommendations to ENGINEER concerning acceptance.

1.4.3 Limitations of Authority. Resident project representative:

1.4.3.1 Shall not authorize any deviation from the contract documents or substitution of materials or equipment, unless authorized by ENGINEER.

1.4.3.2 Shall not exceed limitations of ENGINEER's authority as set forth in the Agreement or the contract documents, however this clause shall not diminish the authority of the RPR, and in the event either party becomes aware of a possible conflict, the parties will meet and confer and resolve the problems reasonably.

1.4.3.3 Shall not undertake any of the responsibilities of contractor, subcontractors, or contractor's superintendent, however this clause shall not diminish the authority of the RPR, and in the event either party becomes aware of a possible conflict, the parties will meet and confer and resolve the problems reasonably.

1.4.3.4 Shall not advise on, issue directions relative to, or assume control over any aspect of the means, methods, techniques, sequences, or procedures of construction unless such advice or directions are specifically required by the contract documents however this clause shall not diminish the authority of the RPR and in the event either party becomes aware of a possible conflict, the parties will meet and confer and resolve the problems reasonably.

1.4.3.5 Shall not advise on, issue directions regarding, or assume control over safety precautions and programs in connection with the work.

1.4.3.6 Shall not accept shop drawing or sample submittals from anyone other than contractor.

1.4.3.7 Shall not authorize OWNER to occupy the project in whole or in part.

1.4.3.8 Shall not participate in specialized field or laboratory tests or inspections conducted by others except as specifically authorized by ENGINEER.

1.4.4 Evaluation of CCTV data obtained in the field at the various stages of sanitary sewer line renovation projects.

1.5 Project Coordination

Upon receipt of Notice to Proceed, ENGINEER shall provide the following coordination services for the tasks included within this Agreement as described in paragraph 1.1.3.9:

1.5.1 Attend regularly scheduled project meetings for coordination with OWNER and other consultants designing CDBG infrastructure improvements within the project area as well as other Consultants designing infrastructure improvements utilizing State funding near the project area.

1.5.2 Coordination with utility companies.

1.5.3 Coordination with City of Joplin staff and with the City's CDBG administrative consultant.

1.5.4 Coordination with the project schedules of each infrastructure improvement consultant identified in paragraph 1.5.1.

1.5.5 Development and maintenance of a project schedule in Microsoft Project.

1.5.6 Tracking of Engineering time expended in providing services in Low to Moderate Income (LMI) areas, separate from the remaining areas within the project boundaries.

1.5.7 Maintaining and updating the previously developed sanitary sewer project strategy consisting of anticipated project schedules and associated project cost projections.

1.5.8 The fee established in Section 3 for services included in section 1.5 – Project Coordination, shall cover expenses for this service associated with the tasks included within this Agreement, however, due to some uncertainty as to how much time will actually be expended to complete these services, an amendment to this work authorization may be determined necessary to account for actual time expended.

2. TERMS

2.1 The services of the Engineer shall begin as soon as a written Notice to Proceed is provided by the OWNER.

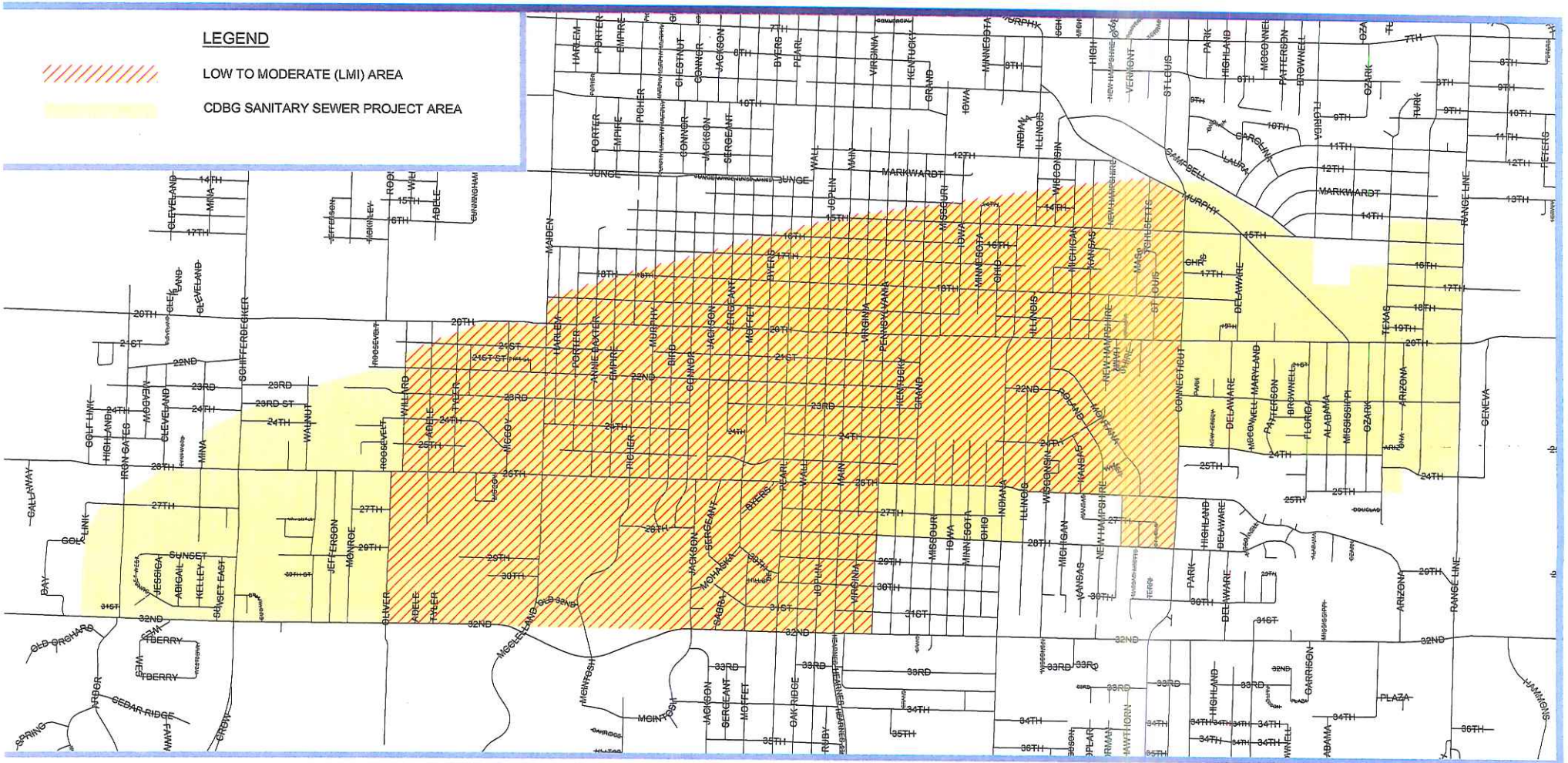
2.2 Distribution of compensation between individual tasks indicated in Section 3 may be altered as necessary to be consistent with services actually rendered, but shall not exceed the total estimated compensation amount unless approved in writing by the OWNER.

2.3 Schedule: 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 for this Work Authorization scope of work shall be completed no later than October 1, 2017.

3. PAYMENT

3.1 Payment to Engineer shall be at the hourly labor Rates and Non-Labor Rates set forth in the attachment Number Two to Exhibit A: "RATE SCHEDULE 2015-2016"; with a total compensation ceiling of $784,000, as set forth in Work Authorization Number AMA-DR2AP1-3 to the Agreement for Professional Engineering Consulting Services, Section 5.b. with the estimated maximum fees broken down for respective services in more detail as follows:

Task	Estimated Fee
Bidding and Construction Phase Engineering Services for Renovation Project Number Three (Paragraphs 1.1.3.2 and 1.3)	$121,000
Full Time Resident Project Representation Services for Renovation Project Number Three and the Maiden Lane Renovation Project (Paragraphs 1.1.3.3 and 1.4)	$174,000
Bidding and Construction Phase Engineering Services for the Bartlett Interceptor Replacement Project (Paragraphs 1.1.3.4 and 1.3)	$56,000
Bidding and Construction Phase Engineering Services for the Shoal Creek Public Extension/Blendville Addition Public/23rd Street Public Interceptor Replacement Project (Paragraphs 1.1.3.5 and 1.3)	$68,000
Full Time Resident Project Representation Services for the Bartlett Interceptor Replacement Project and the Shoal Creek Public Extension/ Blendville Addition Public/23rd Street Public Interceptor Replacement Project (Paragraphs 1.1.3.6 and 1.4)	$200,000
Design of West 12th/Harmony Heights Interceptor Sewer Line Replacement (Paragraphs 1.1.3.7 and 1.2)	$80,000
Design of 20th Street Manhole Relocations (Paragraphs 1.1.3.8 and 1.2)	$60,000
Project Coordination (Paragraphs 1.1.3.9 and 1.5)	$25,000
Total Estimated Maximum Fee	$784,000



ATTACHMENT NUMBER ONE TO EXHIBIT A

ALLGEIER, MARTIN and ASSOCIATES, INC.

CDBG SANITARY SEWER PROJECT BOUNDARY
JOPLIN, MISSOURI

ATTACHMENT NUMBER TWO
RATE SCHEDULE
2015-2016

ALLGEIER, MARTIN and ASSOCIATES, INC.
Consulting Engineers and Surveyors

LABOR RATES

Classification	Hourly Billing Rate 01/01/2015 thru 12/31/2015	Hourly Billing Rate 01/01/2016 thru 12/31/2016
Principal/Engineer IV	$180	$185
Principal/Engineer III	$165	$170
Principal/Engineer II	$145	$150
Principal/Engineer I	$130	$135
Designer III/GIS Specialist	$120	$124
Designer/Technician III	$100	$104
Designer/Technician II	$88	$92
Designer/Technician I	$82	$86
Two-Man GPS Survey Crew	$170	$175
One-Man GPS Survey Crew	$130	$135
Three-Man Survey Crew	$185	$190
Two-Man Survey Crew	$145	$150
Registered Land Surveyor II	$155	$160
Registered Land Surveyor I	$135	$140
Survey Party Chief	$82	$86
Survey Crew Member	$66	$69
Right of Way Specialist	$104	$108
Construction Inspector III	$100	$104
Construction Inspector II	$88	$92
Construction Inspector I	$81	$84
Secretary/Word Processor	$66	$69
Print Specialist	$66	$69

Note: All pre-approved overtime hours shall be invoiced at 1½ times the hourly billing rate shown above.

NON-LABOR RATES

Item	Rate
Travel	$0.57 per mile (or current IRS rate)
Subsistence	Actual cost
Lodging	Actual cost
Special Postage or Shipping	Actual cost
Printing	Actual cost
Surveying Materials	Actual cost
Subcontract Specialty Services	Cost + 10%

ALLGE-1 OP ID: BC

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 08/10/2015

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER The Insurancenter 2901 Arizona Ave Joplin, MO 64804 J. Scott Brothers	CONTACT NAME: Cristi Becker PHONE (A/C, No, Ext): 800-444-8675 FAX (A/C, No): 417-623-0902 E-MAIL ADDRESS: cbecker@theinsurancenter.com
INSURED Allgeier, Martin & Associates P O Box 2627 Joplin, MO 64803-2627	INSURER(S) AFFORDING COVERAGE — NAIC # INSURER A : Transportation Insurance Co — 20494 INSURER B : American Casualty Company of — 20427 INSURER C : Continental Casualty Company — 20443 INSURER D : — INSURER E : — INSURER F : —

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
B	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY [X] PRO-JECT LOC OTHER:	X		1063177197	12/08/2014	12/08/2015	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 1,000,000 $ 100,000 $ 5,000 $ 1,000,000 $ 2,000,000 $ 2,000,000
B	AUTOMOBILE LIABILITY X ANY AUTO ALL OWNED AUTOS — SCHEDULED AUTOS X HIRED AUTOS — X NON-OWNED AUTOS	X		1063177202	12/08/2014	12/08/2015	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 1,000,000 $ $ $
A	X UMBRELLA LIAB — X OCCUR EXCESS LIAB — CLAIMS-MADE DED RETENTION $	X		1062449393	12/08/2014	12/08/2015	EACH OCCURRENCE AGGREGATE	$ 5,000,000 $ 5,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y/N [ ] N/A (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A		1063177216	12/08/2014	12/08/2015	X PER STATUTE — OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ 1,000,000 $ 1,000,000 $ 1,000,000
C	Professional Liab			AEH008212765	10/07/2014	10/07/2015	Per Claim Aggregate	2,000,000 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

RE: Work Authorization Number AMA-DR2AP1-3
G140331D 0113: G15115-A 1089: SCA23500D 1011: G-300660A 0608: G15057C 0605:
G140428A 1001: GSL2231XX 1005: G20472A 1093

CERTIFICATE HOLDER

CITJO01

City of Joplin
Attn Public Works Department
602 South Main
Joplin, MO 64801

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Cristi Becker

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