

Red. 20-05

PRELIMINARY ENGINEERING SERVICES AGREEMENT

| <u>LOCAL AGENCY</u> | <u>CONSULTANT</u> |
|-------------------------|--|
| County: Ford | Name: Hampton, Lenzini and Renwick, Inc. |
| Township: | Address: 3085 Stevenson Drive, Suite 201 |
| Section: 17-00138-00-BR | City: Springfield |
| Route: CH 18 / FAS 1351 | State: Illinois 62703 |

THIS AGREEMENT is made and entered into this ____ day of December, 2019 between the above Local Agency (LA) and Consultant (ENGINEER) and covers certain professional engineering services in connection with the improvement of the above SECTION.

SECTION DESCRIPTION

Name Buckingham Road Length 500 ft
Structure No. 027-3026 Existing 027-3461 Proposed
Location 2 miles southeast of Cabery (4000N, 1600E)
Description: Bridge Replacement and Approach Roadway Transitions

DEFINITION

DEPARTMENT..... Illinois Department of Transportation

AGREEMENT PROVISIONS

THE ENGINEER AGREES

1. To perform or be responsible for the performance of the following engineering services for the LA in connection with the proposed improvement hereinbefore described:
 - a.(X) Make such detailed surveys as are necessary for the preparation of detailed roadway plans.
 - b.(X) Make stream and flood plain hydraulic surveys and gather high water data and flood histories for the preparation of detailed bridge plans.
 - c.(X) Make or cause to be made such soil surveys or subsurface investigations including borings and soil profiles and analyses thereof as may be required to furnish sufficient data for the design of the proposed improvement. Such investigations are to be made in accordance with the current requirements of the DEPARTMENT.
 - d.() Make or cause to be made such traffic studies and counts and special intersection studies as may be required to furnish sufficient data for the design of the proposed improvement.
 - e.(X) Prepare Army Corps of Engineers Permit, ~~Division of Water Resources Permit Bridge waterway sketch and/or Channel Change sketch, Utility plan and locations and railroad crossing work agreements.~~
 - f.(X) Prepare Preliminary Bridge Design and Hydraulic Report, (including economic analysis of bridge or culvert types) and high water effects on roadway overflows and bridge approaches.
 - g.(X) Make complete general and detailed plans, special provisions, proposals and estimates of cost and furnish the LA with five (5) copies of the plans, special provisions, proposals, and estimates.
 - h.(X) Furnish the LA with survey drafts in quadruplicate of right-of-way dedications and temporary construction easements, including prints of the corresponding plats and deeds.
 - i.() Assist the LA in the tabulations and interpretation of the contractor's proposals.
 - j.(X) Prepare the necessary environmental documents in accordance with the procedures adopted by the Illinois Department of Transportation, Bureau of Local Roads and Streets. This work does include a special waste assessment, but does not include a Preliminary Environmental Site Assessment, if needed.
 - k.(X) Prepare the Project Development Report when required by the DEPARTMENT.
 - l.(X) Develop a structural model and load rating using AASHTOWare software,

prepare the Structural Load Rating Summary (BBS 2942) and submit to the IDOT Local Bridge Unit for approval.

2. That all reports, plans, plats, and special provisions to be furnished by the ENGINEER pursuant to this agreement will be in accordance with the current standard specifications and policies of the DEPARTMENT, it being understood that all such reports, plats, plans and drafts shall before finally accepted, be subject to approval by the LA and the said DEPARTMENT.
3. To attend conferences at any reasonable time when required to do so by the LA or representatives of the DEPARTMENT.
4. In the event plans are found to be in error during the construction of the SECTION and revisions of the plans are necessary, the ENGINEER agrees that he will perform such work without expense to the LA, even though final payment has been received by him. He shall give immediate attention to these changes so there will be a minimum delay to the Contractor.
5. The basic survey notes and sketches, charts, computations and other data prepared or obtained by the ENGINEER pursuant to this AGREEMENT will be made available upon request to the LA or the DEPARTMENT without cost and without restriction or limitations as to their use.
6. That all plans and other documents furnished by the ENGINEER pursuant to the AGREEMENT will be endorsed by him and will show his professional seal where such is required by law.

THE LA AGREES

1. To pay for all services stipulated under paragraph 1a, 1b, 1c, 1e, 1f, 1g, 1j, 1k, 1l, 2, 3, 4, and 6 of THE ENGINEER AGREES at the hourly rates stipulated below for personnel assigned to this SECTION as payment in full to the ENGINEER for the actual time spent in providing these services, the hourly rates to include profit, overhead, readiness to serve, insurance, social security and retirement deductions. Travelling and other out-of-pocket expenses will be reimbursed to the ENGINEER at his actual cost.

Subject to the approval of the LA, the ENGINEER may sublet all or part of the services provided under paragraphs 1a, 1b, and 1c. "Cost to ENGINEER" to be verified by furnishing the LA and the DEPARTMENT copies of invoices from the party doing the work.

The upper limit of compensation for all services as described in this Section shall be \$32,000.00.

The classifications of the employees used in the work should be consistent with the employee classifications for the services performed. If the personnel of the firm including the Principal Engineer perform routine services that should normally be performed by lesser-salaried personnel, the wage rate billed for such services shall be commensurate with the work performed.