

SCOPE OF SERVICES

Independence Square Streetscape: Utility Exploration and Storm Sewer Design.

Project improvements have been evaluated and new curb lines and curb returns are required to facilitate ADA compliance and accommodations for a cycle track. After establishing a 90% design there is additional drainage design needed beyond the original scope of the project. Survey information as well as field inspection have shown that some drainage structures will need relocated, replaced, or added to accommodate proper drainage. Additional utility potholes are also need to accurately locate buried utilities to either avoid or coordinate their relocation. As part of this scope, WSP will provide the following services:

1. Analysis of drainage areas and existing storm system
2. Field survey of flow lines and non-destructive utility excavation for potential conflicts.
3. Design of proposed drainage improvements

A detailed description for each of the services outlined above is provided in this section.

1. Background Research and Fieldwork

1. Consultant will identify locations where drainage concerns need to be evaluated.
2. Field survey will be performed to obtain information on the existing storm system.
3. Consultant shall perform vacuum excavation of existing utilities. Records obtained from Independence Power and Light, as well as survey from utility locates will be used to identify possible utility conflicts.

2. Design and Plan Development

1. After locations have been identified for necessary drainage improvements, a design will be progressed to minimize utility impacts and facilitate drainage.
2. Any utility that was identified in field work will be notified for need to be relocated, if needed. 1 meeting with 3 utilities each will be anticipated.
3. Design will be depicted on drainage plan sheets (4 plan sheets) and separate profile sheets (3).

3. Standard Sheets and Specification

1. Plans will be made to include standards (3) and construction details (2) for proposed drainage improvements.
2. Special instructions and modification sheets (2) will be incorporated into plans for manhole and inlet special requirements.
3. Specifications will be included for storm sewer additional pay items and contractor requirements.

Services Provided by City of Independence (City)

1. Utility maps of city owned utilities identified within the area specified in Exhibit B shall be supplied to the consultant within 2 weeks of contract execution.
2. City utilities shall respond with availability for a coordination meeting within two weeks of request from the consultant.

**Exhibit A – Services Provided by Engineer
City Project No. 111902**

3. 1 Bluebeam comment session, 1 two-week review period, and 1 review meeting of drainage improvements to discuss comment resolution.
4. Pavement patching specification will be provided to the consultant by the City prior to fieldwork.

Assumptions

1. WSP has received some information utility providers, from the city, and one-call tickets. Those utility companies include AT&T, Spire, City of Independence Fiber-Water-Wastewater, Power and Light, Bluebird, Comcast, Century Link, and Sprint.
2. Once review and design has been performed, schedule for construction activities may need to be evaluated for allowance of utility relocation.
3. Pavement patches will need to be done for any utility excavation activities.

Anticipated Project Timeline

The services shall be completed in accordance with the schedule below and made a part of this Agreement. The Consultant shall be required to meet this schedule if written notice to proceed (NTP) is received per the table below. Any delay in the NTP date will push the subsequent dates by the same amount of delay.

Date	Milestone/Submittal Completion Date
12/28/2023	NTP
2/9/2024	Background Research Fieldwork Completion*
2/23/2024	Design Completed 2 Week City Comment Period Open
3/15/2024	Drainage Design Incorporated into Plans

*Subject to subconsultant availability and weather conditions.

City shall grant time extensions for delays caused by unforeseeable causes beyond the control of and without fault or negligence of the Consultant. Requests for extensions of time shall be made in writing by the Consultant, before that phase of work is scheduled to be completed, stating fully the events giving rise to the request and justification for the time extension requested.