



City of Grand Island

Tuesday, June 25, 2019

Council Session

Item G-6

#2019-195 - Approving Amendment No. 1 for Professional Engineering Consulting Services for Broadwell Avenue & UPRR Grade Separation Study

Staff Contact: John Collins, P.E. - Public Works Director

Council Agenda Memo

From: Keith Kurz PE, Assistant Public Works Director

Meeting: June 25, 2019

Subject: Approving Amendment No. 1 for Professional Engineering Consulting Services for Broadwell Avenue & UPRR Grade Separation Study

Presenter(s): John Collins PE, Public Works Director

Background

Continuing to explore ways to accommodate the growing traffic within the city, Public Works Engineering staff plans to complete a feasibility study for a grade separation structure with the UPRR to be located at or around the existing Broadwell Avenue crossing north of 3rd Street. This study is necessary for the city to submit to the Nebraska Department of Transportation (NDOT) in order to secure potential federal funding for assistance in building a grade separation in this area. Without the study, additional funding sources cannot be secured. Due to the length of this process, it was decided to go ahead with this study in order to begin this process. A Concept Design Report for Broadwell Avenue Grade Separation across the UPRR Tracks was done in 2004 and will be used as the starting point for this study.

On November 20, 2018, via Resolution No. 2018-350, City Council approved an agreement for engineering consulting services related to Broadwell Avenue & UPRR Grade Separation Study with HDR, Inc. of Omaha, Nebraska in the amount of \$226,660.00.

Discussion

Since approval of the initial agreement with HDR Engineering, Inc. two (2) additional steps have been added to the project process by the Nebraska Department of Transportation. These additional steps are the Planning and Environmental Linkages Study (PEL) and Council resolution of project support.

An amendment to the original agreement with HDR, Inc. is necessary to allow for an in depth environmental review, a Planning and Environmental Linkages Study (PEL) that is beyond the scope originally developed for this project. This step is necessary to secure Federal funding for this project should the City wish to proceed with it at a future date.

Amendment No. 1 is for an amount not to exceed \$185,123.00, resulting in a revised agreement total of \$411,783.00.

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

City Administration recommends that the Council approve Amendment No. 1 to the original agreement for engineering consulting services related to Broadwell Avenue & UPRR Grade Separation Study with HDR, Inc. of Omaha, Nebraska in the amount of \$185,123.00.

Sample Motion

Move to approve Amendment No. 1.

AMENDMENT TO AGREEMENT
FOR
PROFESSIONAL SERVICES

WHEREAS:

HDR ENGINEERING, INC. ("HDR") entered into an Agreement on November 20, 2018 to perform professional services for City of Grand Island, Nebraska ("OWNER");

OWNER desires to amend this Agreement in order for HDR to perform services beyond those previously contemplated;

HDR is willing to amend the agreement and perform the additional professional services.

NOW, THEREFORE, HDR and OWNER do hereby agree:

The Agreement and the terms and conditions therein shall remain unchanged other than those sections and exhibits listed below;

Section IV shall be replaced with the following:

Compensation for ENGINEER'S services under this Agreement shall be on a time and materials basis with a not to exceed amount of \$411,783.00. Which includes the original contract amount of \$226,660.00 plus this amendment amount of \$185,123.00.

Reimbursable Expense shall mean the actual expenses incurred directly or indirectly in connection with the Project for transportation travel, subconsultants, subcontractors, technology charges, telephone, telex, shipping and express, and other incurred expense. ENGINEER will add five percent (5%) to invoices received by ENGINEER from subconsultants and subcontractors to cover administrative expenses and vicarious liability.

Section V shall be replaced with the following:

Upon receipt of written authorization to proceed, ENGINEER shall perform the services as described in Exhibit A-1.

Exhibit A shall be replaced with Exhibit A-1

IN WITNESS WHEREOF, the parties hereto have executed this Amendment as of the day and year written below:

HDR ENGINEERING, INC. ("HDR")

City of Grand Island, Nebraska ("OWNER")

By: _____

By: _____

Title: Senior Vice President

Title: _____

Date: _____

Date: _____

EXHIBIT A1 DRAFT

Broadwell Avenue & UPRR Grade Separation Planning and Environmental Linkages Study

Scope of Services (Amended 5/10/2019)

I. Description

The City of Grand Island, Nebraska (City) has selected HDR to complete a Planning and Environmental Linkages Study for a grade separation structure with the UPRR located at or around the existing Broadwell Avenue crossing north of 3rd Street. Additionally, the study will evaluate environmental resources to identify key issues that may affect alternative selection as well as identify preliminary environmental impacts. The study report shall provide, if possible, the justification of the need for the viaduct and shall include the data necessary for evaluation as required to determine if Federal funding of the grade separation project is validated. The study will incorporate Planning and Environmental Linkages (PEL) principles and will be documented as a PEL Study to provide a smooth transition into the future National Environmental Policy Act (NEPA) process.

The specific work tasks for the original contract are described in detail in Section II.

II. Work Tasks

All deliverables noted within will be provided in electronic format (i.e. PDF, Microsoft Word, GIS, etc.) for archiving by the City of Grand Island.

A. Base Mapping

This task consists of the development of base mapping (aerial photos and digital terrain model) for use in concept development design and public displays. Existing data provided by the City will be utilized for the development of the base mapping.

City to provide:

- Aerial imagery of City
- Contours of the project area; generally two blocks east and west of Broadwell Avenue from Faidley Ave to Division Street
- GIS information of City owned utilities
- GIS property lines

A.1 Base Map Creation

HDR will prepare a base map of the project area with the information provided by the City as noted above.

A.2 Utility Mapping

Utility as-builts will be requested from private utility owners in the area. Asbuilt information collected will be digitally added to the prepared base mapping. The utility mapping will be focused on the major utilities (gas, water, power). Surveying of utility features and location markings are not anticipated to be necessary for this study and are not included.

B. Alternative Development

This task consists of the verification, refinement, and /or development of three viaduct alternatives. The level of detail will be sufficient to determine the functional aspects of each viaduct alternative, right of way impacts, and costs.

Using the base mapping developed in Task A, the following will be accomplished:

- A best-fit horizontal alignment, vertical profile, and cross sections in order to determine the approximate limits of construction. Alignments will be based on the contours provided by the City.
- Determine a general drainage plan for the concept
- Utility conflicts – identify major utility conflicts and work with utilities to determine if a feasible relocation option exists
- Determine property impacts
- Determine approximate costs, including ROW

The previously completed 2004 study will serve as the starting point.

B.1 Concepting Workshop

The City will host a half-day workshop to consider the concepts developed in the 2004 study. Additional concepts will be developed during the workshop. The previous concepts and the newly developed concepts will be briefly analyzed and screened to determine the three concepts to advance for further detailed evaluation. A portion of the workshop will include a site visit. It is assumed four HDR staff will attend the workshop.

B.2 Alternative Development

Given the extent of impacts, a rigorous alternative development and screening process will be used. The concept study completed in 2004 provides the starting point. The public process and NEPA process may require that other alternatives be evaluated. Effort assigned to this task assumes that up to three alternatives will be developed. However, it is assumed that geometric, environmental, or public fatal flaws will not require that all alternatives be taken to equal levels of detail.

Right-of-way constraints will dictate the configuration of alignments and profiles needed to accommodate the grade difference between existing grade and the crossing. The alternatives will be developed to conform to the requirements of the Americans with Disabilities Act and will be evaluated in terms of construction cost, right of way impacts, environmental impacts, operational benefits, and constructability. All alternatives will be evaluated based on the purpose and need statement developed in Task D.

The preliminary alternatives will be presented to NDOT. This task includes minor revisions to the alternatives and development of one additional alternative resulting from NDOT and FHWA review.

It is anticipated that the alternatives identified during the feasibility study will be the same alternatives moving forward into the PEL.

B.3 Bridge Concept Plans

Bridge alternatives will be developed for the viaduct based on the digital terrain model, topographic file, and digital aerial base map developed in Task A. Development of bridge alternatives will include an estimate of the overall bridge length and width, determination of a preliminary span layout, preliminary locations of bridge piers, abutments, and wall locations, and preliminary determination of structure type and structure depth so that the vertical profile can be checked for adequate vertical clearance. Vertical clearances will be checked against top of rail and existing roadway profiles based on the provided contours. Opinions of probable bridge construction costs for bridge alternatives in the feasibility study will be based on appropriate unit costs per square foot of bridge deck. Up to three bridge alternatives will be studied.

B.4 Closures

Perform a cursory assessment of the additional RR crossing closures to assess how they would be closed and identify roadway improvements that might be required.

B.5 Utility Conflicts

Identify the utility conflicts and work with the utility owners regarding potential relocation plans.

B.6 Cost Estimate

Develop construction cost estimate for the alternatives. Estimate approximate acquisition and relocation costs for impacted properties. Develop a simplified cost/benefit analysis for inclusion in the report. Overall cost estimate will include construction, right-of-way, design engineering, and construction engineering costs.

B.7 Alternatives Analysis Memorandum

Prepare the Alternatives Analysis Memorandum. The report will include language addressing each of the State's twenty criteria, along with supporting figures and appendices. It will also document the alternatives analysis process. It is anticipated one round of review comments by the City and one round of review comments by NDOT and FHWA (concurrent review) will be addressed. Information from the Alternatives Analysis Memorandum will be included in the PEL documentation.

C. Traffic Evaluation

This task will take an overall look at the traffic and safety implications of the closures and the resulting redirection of the traffic. The purpose is to identify improvements necessary to address completed project conditions. The traffic evaluation will result in recommendations for geometric modifications to maximize operations with the new facilities and closures.

C.1 Data Collection

Updated traffic counts may need to be collected to support the analysis. The most recent studies will be referenced for additional data and understanding of current and future operational conditions planned prior to the viaducts. Traffic counts will be taken at the following intersections:

- N Broadwell Ave / W 2nd Street
- N Broadwell Ave / W 3rd Street
- N Broadwell Ave / Old Lincoln Hwy
- N Broadwell Ave / W North Front Street
- N Broadwell Ave / W 4th Street
- N Broadwell Ave / W Faidley Ave

In order to assess the pedestrian volumes, a 24-hour pedestrian count will be conducted at the N Broadwell Ave / UPRR crossing.

The City will provide existing and future year average daily traffic (ADT) volumes for the following streets:

- N Broadwell Ave (south of W 2nd Street, between W 2nd Street/W 3rd Street, north of W 3rd Street)
- W 2nd Street (east and west of N Broadwell Ave)
- W 3rd Street (east and west of N Broadwell Ave)
- W Faidley Ave (east and west of N Broadwell Ave)

The City will provide 5-years of accident history along N Broadwell Ave from W 2nd Street to W 4th Street in GIS format.

C.2 Traffic Analysis

The existing traffic data collected in Task C.1 will be used to develop AM and PM peak hour turning movements. Future year AM and PM peak hour turning movements will be developed using the existing year turning movements and the future year ADT volumes.

The Consultant will use Synchro 10, which incorporates Highway Capacity Manual (HCM) 6 methodologies, to perform vehicular level of service analysis for the AM and PM peak hours (one hour in the morning and one hour in the afternoon) for all key intersection locations for the following scenarios:

- Existing year conditions.
- Design year no-build conditions.
- Design year proposed build conditions:
 - Includes up to three alternatives.

Existing signal timing information will be gathered from the City for use in completing the HCM Analysis.

C.3 Safety Analysis

Obtain and analyze the latest five years of available crash data for N Broadwell Avenue within the study limits, including the key intersections. Crash data will be obtained from the City. Crash analysis will consist of comparing the calculated crash rates to statewide crash rate averages and identifying crash history patterns and potential mitigation. Individual crash records for all fatalities over the last five years in the crash analysis area will also be reviewed.

C.4 Grade Crossing Safety Analysis

Complete crash prediction analysis using FRA's Grade Dec methodology to evaluate crash prediction for grade crossing investment analysis. Crash prediction will be completed for existing and future no-build and one future build alternative using Grade Dec based on geometry and traffic demand. It is assumed up to two additional build alternatives will be designed including grade separation; thus these two build alternatives will not include separate Grade Dec analysis (grade separation assumed to reduce highway-rail crashes entirely). Grade Dec crash prediction for the existing and future years of analysis will be monetized to develop a life-cycle benefit to grade separation.

C.5 Traffic & Safety Documentation

A brief technical memorandum will be developed which documents the traffic and safety evaluation.

D. Environmental

It is assumed the funds which would be committed to these projects by the State consist of both State and Federal funds. As such, the project will eventually require analysis and documentation in accordance with the National Environmental Policy Act (NEPA).

Preliminary environmental reviews will be conducted such that the resulting concepts do not have fatal flaw environmental issues that would affect alternatives selection or preclude future FHWA approval. In general, environmental studies and reviews would not be taken to a final report at this stage, but rather to a fatal flaw analysis stage. Final reports to the degree necessary based on the NEPA classification determined by FHWA would be performed at a later time.

Whereas the Broadwell Avenue viaduct's location is within an existing commercial area (and its resulting commercial impacts), the study must undergo an alternatives screening process in order to support the decision process.

The subtasks at this time will consist of:

- Agency Coordination
- Develop Preliminary Purpose and Need statement
- Conduct environmental studies appropriate to determine fatal flaws of potential alternatives.

The classification of NEPA document will be determined through consultation with NDOT and FHWA, and the NEPA process will be completed in conjunction with the future design work.

D.1 Obtain / Compile Project GIS Data

- Update the project GIS database created for the proposal response through obtaining and compiling relevant files including, but not limited to: floodways and floodplains, wetlands and other waters of the U.S., regulated materials, Census data and boundaries, park/recreation/conservation land, threatened and endangered species, and historic resources. City to provide locations of schools, police stations, and fire stations in GIS format. Acquire locations of bus routes and hospitals.
- Data would be acquired from various sources, such as the Nebraska Department of Natural Resources, Nebraska Department of Environmental Quality, and Nebraska Department of Transportation databases, into the ArcGIS format in the Nebraska State Plane Feet (NAD 83) coordinate system.
- Coordinate with the City of Grand Island to acquire relevant environmental and utility files, and parcel boundaries and data. Coordinate with Hall County regarding availability of other relevant GIS files. Incorporate into the project geodatabase.

D.2 Conduct Site Visit

- Perform a site reconnaissance visit of the study area with two environmental staff and review data acquired from public sources, and document environmental observations of the study area. Digitize points and boundaries identified in the field and incorporate into the geodatabase.

D.3 Constraint Mapping

- Environmental: using acquired data within GIS, develop an environmental constraint map plotted on aerial background. Prepare a brief summary of key identified constraints.
- Convert concept linework to GIS shapefiles and import into GIS database. Plot concepts on color aerial images and review concepts in consideration of environmental and other constraints. Develop a matrix table for comparison of impacts of the concepts. Prepare a summary of the methodology used to create the geodatabase and evaluate potential impacts.
- Identify environmental risks (compliance with NEPA and other applicable regulations, acquisition of permits, and other applicable risks) of the concepts, including mitigation requirements and possible project schedule implications.

D.4 Supplemental Resource Identification and Analysis

- Perform additional research for key environmental resources to provide sufficient detail to identify the potential impacts of the alternatives being considered. Additional research is anticipated for hazardous materials, Environmental Justice populations, Section 4(f) properties and community impacts.
- Historic Properties – identify the preliminary Area of Potential Effects for Section 106 and perform a review of potentially eligible properties within the APE. The review will evaluate all structures over 45 years of age for their potential eligibility for the National Register of Historic Places. The results of the survey will be documented in a study report. This task to be performed by Historic Resources Group.
- Identify areas where mitigation may be required for environmental impacts. Identify potential mitigation measures.

D.5 Agency Coordination

- Agency Scoping Meeting – prepare for and conduct an agency scoping meeting for the project (location to be determined). HDR will prepare meeting agenda, agency coordination packet (letter, project fact sheet & location map) and PowerPoint presentation. HDR will prepare meeting notes documenting the scoping discussion. It is assumed that the scoping meeting will be 2 hours in length and will be attended by 3 HDR staff.
- Coordinate with Nebraska DOT and FHWA for concurrence on intermediate steps of the study: Purpose and Need, Range of Alternatives, Environmental Analysis, and Recommended Alternative. It is assumed that three meetings and four conference calls will be held with NDOT and/or FHWA. Coordination will be documented in the PEL Study Report.
- Additional Agency Coordination – contact resource agencies to obtain additional detail regarding environmental constraints. Since the extent of additional coordination is unknown, this task assumes 12 hours of additional coordination.

D.6 Purpose and Need

- Develop a Draft Purpose and Need Statement that can be carried forward into the NEPA process. Purpose and Need will consider the results of traffic analysis as well as community and emergency response access needs. A preliminary Purpose and Need statement will be provided to NDOT and FHWA for review (concurrent review assumed) and their comments will be incorporated into the Draft Purpose and Need Statement.

D.7 Conditions Assessment

- Provide environmental input to designers for documenting existing conditions
- Provide environmental input to designers for documenting future conditions
- Review potential environmental impacts associated with the alternatives considered (4 alternatives assumed)

D.8 Planning and Environmental Linkages Study Report

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Prepare preliminary draft PEL report for review by the City that documents the study process and includes the following.

- Executive summary
- Introduction
- Purpose and Need
- Existing conditions
- Alternative Development and Analysis
- Public and agency participation
- Recommendations and Next Steps

HDR will incorporate City comments and prepare a Draft PEL report for review by NDOT and FHWA (concurrent review is assumed). HDR will incorporate NDOT and FHWA comments and prepare the Final PEL report.

E. Stakeholder and Community Engagement Scope

E.1 Engagement Plan Update – HDR, in coordination with the City, will update the Engagement Plan to reflect new efforts for the PEL Study. Project templates will be developed for use on all internal and public facing communications. The Plan will include key messaging, tools and tactics for engagement.

Deliverables:

- Draft & Final Engagement Plan
- Stakeholder Contact List (Excel)
- Project Templates (standard document, Fact Sheet, Direct Mailer, PPT, boards, handout)
- Schedule Graphic
- Project Study Area Map(s)

Assumptions:

- HDR will be responsible for coordinating with the City of Grand Island in the development and review of the Engagement Plan. The City will be responsible for sending the Engagement Plan to NDOT and FHWA for review. Assume 2 weeks of review per agency.
- City will provide GIS data of residents and businesses to be included in study area.
- Project Templates will be developed using City brand guidance.
- City will provide GIS data for all directly impacted landowners to be invited to the public meetings.
- One round of review (electronic) by City. Assume 1 week of review.

E.2 Project Webpage - HDR will support the City to design and build a project website to provide residents access to current project information. The website will be a clearinghouse for stakeholder engagement. Using communication tools such as information and graphic design, survey response applications, and resource/document libraries, users will be able to learn more

about the project and provide valuable insight regarding project needs and priorities. HDR will develop and provide content, graphics, and iframes/links for web applications. The City will be responsible for building and maintaining the project pages. The City website already provides translation services.

Deliverables:

- Initial Launch Content document and up to 3 additional content/supporting graphic updates
- Up to 3 Survey Monkey surveys.
- One (1) Google form iframe for comments.

Assumptions:

- HDR will provide all content, tools and graphics
- City will provide all site maintenance/updates
- Comment management, include comment response drafting, will be provided by HDR.
- HDR will manage all surveys.
- HDR will work with City to review all public facing content; assume up to one week for electronic review and response.

E.3 Public Information Meetings – HDR will provide necessary support for three in-person public meetings. Public Meeting #1 will inform the public of the PEL Study and solicit comments from the public. The input gathered will be analyzed by project technical staff to provide a more robust understanding of key concerns and issues presented by the public.

Public Meeting #2 will present alternatives to the public for review and comment from the public. The input gathered will help refine alternatives and identify a preferred alternative.

Public Meeting #3 will report the findings of the PEL Study to the public. All in-person meetings will be held open house format with a 20 minute formal presentation. Meetings will have a presentation, display boards, scroll maps, handout, and a guided comment form.

HDR will develop and support in the distribution of outreach materials including web notification, social media, press release, postcard notice to directly impacted landowners, and a public notice for both public meetings.

E.4 Impacted Stakeholder Sessions - The project team will host a series of Impacted Stakeholder Sessions prior to the first and second public meetings. These meetings will provide impacted stakeholders an opportunity to have face-to-face dialogue with the project team and neighbors. It is assumed that up to 4, 1-hour meetings will be held over the course of one day for each meeting. The series of meetings will be followed by Public Meeting #1 and #2. HDR will develop and send letters to stakeholders to invite them to an “open house” style meeting where they can attend the stakeholder meeting at their convenience. Materials for the stakeholder meeting include the fact sheet that will be developed for both public meetings, as well as the Business Contact Cards developed for the Landowner/Business One-on-One Meetings.

Deliverables:

- Four (4) Meeting Plans
- Three (3) Press releases
- Three (3) Public notices
- Three (3) web notices
- Two (2) Impacted Landowner invitation letter
- Three (3) social media documents (up to 4 posts/graphics each)
- Three (3) rounds of Direct mail postcard invitation with postage
- Up to 30 meeting display boards
- Up to six (6) scroll/table top plot maps
- Comment forms
- 8.5x11 Fact Sheet
- Three (3) PPT presentation (up to 25 slides each)

Assumptions:

- HDR will design and print all materials (outreach and meeting); Assume 900 postcards, 450 handouts and comment forms, 6 scroll plots, 30 mounted display boards
- Assume up to 100 Impacted Landowner invitations and postage.
- HDR will provide logistic support to City for help in securing an appropriate ADA compliant meeting location. City will be responsible for providing payments/rental fees.
- No refreshments will be provided at the in-person meetings
- HDR will provide up to 4 staff to attend the public meetings and Impacted Stakeholder Sessions.
- The in-person meeting will be 2 hours in length; between the hours of 5 and 8 p.m. Monday-Thursday.
- HDR will provide an onsite translator during public meetings.
- HDR will provide translated public notices (assume three), fact sheets and comment forms for the meetings, assume 75 copies of each.
- The City will be responsible for public notice placement in the local paper of record (Grand Island Independent and Buenos Dias).

E.5 Landowner/Business One-on-One Meetings

HDR will coordinate with City staff to provide support for one-on-one meetings with landowners where relocation is inevitable. Early outreach will include request for introductory sit down meetings and ongoing one-on-one meetings as necessary. The goal of this outreach is to establish relationships with directly impacted landowners/businesses, provide opportunity to work with them and maintain goodwill between the community and City. The primary contact for these landowners/businesses will provide a business card for contact information. Should translation services be needed for any of the impacted landowners, materials will be translated and on-site translation services will be provided.

Deliverables/Meetings:

- Business Contact Cards (translation as necessary)
- Up to fifteen (15) one-on-one meetings

Assumptions:

- City staff will be responsible for attending/hosting each one-one-one meeting.
- HDR will provide necessary meeting materials and coordination efforts for each meeting.
- HDR will be responsible for developing/designing/printing outreach materials; translated materials as applicable.
- HDR will be responsible for providing in-person translators as necessary.

E.6 Media Briefing

A Media Briefing prior to the PIM would help to generate positive media attention about the project. It allows the City to help set the public message. We recommend hosting it a few days in advance of the meeting or directly prior to the scheduled public meeting.

Deliverables/Meetings:

- One-page FAQ for Media Representatives

Assumptions:

- City will provide spokesperson to represent the project during the media briefing.
- HDR will provide coaching (as necessary regarding technical/media responses)

E.7 Social media content/graphic support

City uses social media, both Facebook and Twitter. HDR will support the City with content and graphics to promote the public meeting and project using social media.

Deliverables/meetings:

- Up to three (3) social media content/graphics guide with posting schedule

Assumptions:

- City will be responsible for posting all social media and responding to comments/questions, as deemed appropriate.

E.8 Online Public Meetings

HDR will provide necessary support for in-person and online public meetings. The in-person meeting will be held open house format with no formal presentation. Materials developed for the in-person meeting, including boards, maps, handouts, and talking points, will be transitioned and used for the online meetings to solicit feedback from a broader audience. The meetings will launch on the same day, however the online meetings will be open for two weeks. The input gathered at both meetings will be collected and analyzed to provide a more robust understanding of key concerns and issues presented by the public. The online meetings will employ a survey application and online comment form to solicit input.

HDR will develop and support in the distribution of outreach materials including press releases, postcard notices to directly impacted landowners, social media content/graphics for Facebook and Twitter, public notices.

Deliverables:

- Three (3) Online meetings
- Three (3) Survey Monkey guided comment form

Assumptions:

- HDR will secure a URL and host the public online meeting site. The site will be repurposed for the second and third meetings. The City will be responsible for embedding a link to the site on the project website.
- HDR will provide three Spanish translated online meetings.

F. Project Management and Coordination

The management task includes the overall project management, client coordination, and quality control.

F.1 Project Management

Overall project management and administration. Monthly invoices will be prepared along with a detailed progress report outlining activities accomplished in the invoice cycle, those anticipated in the next cycle, and a status report by major task.

F.2 Quality Control

A quality control plan will be developed to establish review procedures throughout the study. This plan will focus on a review of project deliverables.

F.3 Meetings

An allowance for 6 additional meetings in Grand Island with City staff or Council meetings. Includes meeting preparation, travel, and preparation of meeting minutes.

III. Schedule

This scope of services is assumed to be executed between November 2018 through October 2020.

Schedule of various tasks will be done in coordination with the information needed for the public open house periods outlined in section E.

IV. Additional Work

Subsequent work elements for additional studies, design, or construction phase services are not included and could be supplemented to this contract as they become defined.

RESOLUTION 2019-195

WHEREAS, on November 20, 2018, via Resolution No. 2018-350, City Council approved an agreement for Engineering Consulting Services Related to Broadwell Avenue & UPRR Grade Separation Study with HDR, Inc. of Omaha, Nebraska in the amount of \$226,660.00; and

WHEREAS, it is necessary to amend the original agreement to allow for an in depth environmental review, a Planning and Environmental Linkages Study (PEL) that is beyond the scope originally developed for this project; and

WHEREAS, this step is necessary to secure Federal funding for this project should the City wish to proceed with it at a future date; and

WHEREAS, Amendment No. 1 to the original agreement is for an amount not to exceed \$185,123.00, resulting in a revised agreement total of \$411,783.00.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that Amendment No. 1 to the original agreement for engineering consulting services related to Broadwell Avenue & UPRR Grade Separation Study with HDR, Inc. of Omaha, Nebraska in the amount of \$185,123.00 is hereby approved.

BE IT FURTHER RESOLVED, that the Mayor is hereby authorized and directed to execute such Amendment No. 1 on behalf of the City of Grand Island.

- - -

Adopted by the City Council of the City of Grand Island, Nebraska, June 25, 2019.

Roger G. Steele, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
June 27, 2019	☐ City Attorney