AGENDA BILL

Beaverton City Council
Beaverton, Oregon

SUBJECT: Contract Award – Western Avenue Improvement Project

FOR AGENDA OF: 01-02-18 **BILL NO:** 18002

MAYOR'S APPROVAL:

DEPARTMENT OF ORIGIN: Public Works

DATE SUBMITTED: 12-04-17

CLEARANCES: City Attorney GW
CAO RMC
Finance
CDD
Engineering

PROCEEDING: CONSENT AGENDA (CONTRACT REVIEW BOARD)

EXHIBITS:
1. Statement of Work
2. Funding Plan
3. Project Schedule

BUDGET IMPACT

EXPENDITURE REQUIRED	AMOUNT BUDGETED	APPROPRIATION REQUIRED
$544,495	$250,000* $100,000*	$194,495*

* Account Numbers 310-75-3328-683 – Capital Projects Fund – Infrastructure Projects – Western Avenue Improvement Project Number 3328 - Construction Design and Engineering Account ($250,000) and 901-95-0691-591 - BURA General Fund – Development Feasibility Assistance Account ($100,000). The FY 2017-18 Adopted Budget includes $350,000 for this project for the amount of work that is expected to be completed by fiscal year's end, June 30, 2018. Staff will include the remaining $194,495 to fully fund this contract in the FY 2018-19 budget process.

RECOMMENDED ACTION:

City Council, acting as the Contract Review Board, authorizes the Mayor to sign a contract with Harper Houf Peterson Righellis, Inc., (HHPR) in the amount of $544,495 to perform engineering services for the Western Avenue Improvement Project (Capital Improvement Plan (CIP) Project No. 3328) in a form approved by the City Attorney and directs the Finance Director to include a $194,495 appropriation for this contract in the proposed FY 2018-19 budget process and document.

HISTORICAL PERSPECTIVE:

The City of Beaverton's West Five District Strategy identifies actions that the City and partners can take to increase economic activity within the District and position the area to respond to emerging employment trends. One of the actions calls for the City to reconstruct Western Avenue (5th Street to Allen Boulevard) from the existing four-lane vehicle only road to a three-lane road with separated multi-use pedestrian and bicycle pathways. The project is included in the City's adopted FY 2017-18 CIP.

A Request for Proposals for professional engineering services was advertised on September 6, 2017. The City received a total of four proposals (HHPR, OTAK, Wallis Engineering, and 3J Consulting). The City selected HHPR as the top candidate and negotiated a scope of work and budget.

INFORMATION FOR CONSIDERATION:

The major tasks within HHPR's statement of work are shown in Exhibit 1. The funding plan is shown in Exhibit 2. Project work is anticipated to take 30 months to complete with construction scheduled for completion in July 2020 (see Exhibit 3).

STATEMENT OF WORK FOR ENGINEERING SERVICES BY HARPER HOUF PETERSON RIGHELLIS

WESTERN AVENUE IMPROVEMENT PROJECT (5TH STREET TO ALLEN BOULEVARD), SOLICITATION NO. 3260-18B, CIP PROJECT NO. 3328

TASK OUTLINE:

1. **Project Management**
2. **Project Orientation/Data Collection**
3. **Preliminary Engineering and Permitting**
4. **Final Engineering**
5. **Right of Way Acquisition Services**
6. **Bidding Assistance/Construction Administration**
7. **Extra Work as Authorized**

TASK 1: PROJECT MANAGEMENT

Provide project management, coordination and direction of the design team to complete the project as described herein. Project Management will generally consist of establishing quality control program, supervision of project schedule and budget, public information, coordination with City and project team, and overseeing technical work efforts and deliverables.

1.1 Project Administration. Provide coordination with City's Project Manager, other agency staff as required and project design team. Prepare status reports, invoices and maintain project files.

1.2 Project Schedule. Prepare a design schedule for City approval. The schedule will define the anticipated process for project delivery, including significant project milestones. The schedule will be used for planning and monitoring progress. The City's desired schedule, at this point, is to have design acceptance (approval of 60% plans) occur in FY 2017-2018, right-of-way acquired in FY 2018-2019 and construction completed by the end of 2020.

1.3 Meetings. Periodic team meetings with City Project Manager as well as meeting with Project Stakeholders to review project development. For the purpose of this scope, we anticipate the following meetings. All meetings will be held in the City and are anticipated to be 3 hours in duration including travel time.

A. Project Kick-off Meeting (1)
B. Project Team Meetings (4)
C. Project Stakeholder Meetings (3)

1.4 Public Information. Public information tools will be used to convey the project needs, goals, and constraints; scope of work; schedule; funding source(s); land use application and other permit status (if applicable); and construction schedule that may include the following:

A. Creation of a project-specific webpage that is updated throughout the project
B. Updates in the city newsletter
C. Posting of project information signs at project site
D. Social media updates
E. News releases at major project milestones
F. Open house event (one anticipated)
G. updates to Boards and Commissions as needed

Task 1 Assumptions:

- All public information tasks to be developed and managed by City Project Manager
- Consultant team will provide up to two personnel for up to two public meetings

TASK 2: PROJECT ORIENTATION/DATA COLLECTION

2.1 Data Collection. Obtain and review the following information before finalizing the site survey requirements.

A. As-built records from City for project area
B. Geographic Information System (GIS) data for tax lots, utilities, environmental overlays, and aerial photography
C. City's preliminary project development information

2.2 Design Survey. Survey, find/determine property line locations, obtain new utility locate information and verify key utility inverts. The survey work to include:

A. **Survey research** for establishment of property line and easement boundaries within the project area.

B. **Establish horizontal and vertical control.** Establish survey control and tie existing monuments necessary to establish the adjoining property lines. Horizontal control will be local datum plane ground coordinates based on the Oregon State Plane Coordinates, Oregon North Zone, NAD 83(91), expressed in International (SI) Feet. Vertical control shall be NGVD 29, expressed in U.S. Survey Feet based on City of Beaverton Control monuments or Washington County Geodetic survey numbers.

C. **Topographic survey.** Topographic survey will include all features pertinent to the design of: the vehicle travel way, sidewalks, and bikeways; and associated drainage improvements, curbs, pavement, trees, notable landscaping, walls, fences, nearby structures, and utility locations (valves including depth to top of valve nut, center of manhole and conduit IE's and diameters/direction and center of manhole lids) as marked in response to a locate request with the Oregon Utility Notification Center. Obtain right of way permit from Portland and Western Railroad and coordinate as needed to complete topographic survey. Obtain traffic control plans and coordinate with the City of Beaverton for the required traffic control and signal shutdowns to complete the topographic survey.

2.3 Wetland Delineation. HHPR will conduct a wetland delineation following the three-parameter method described in the Corps of Engineers Wetland Delineation Manual (US Army Corps of Engineers [USACE] 1987) and guidance in the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys and Coast Region (USACE 2010). Wetland habitat will be classified according to the system outlined by the Cowardin Classification of Wetlands and Deepwater Habitats of the United States (Federal Geographic Data Committee 2013) and Hydrogeomorphic-based Assessment of Oregon Wetlands (Adamus 2001). Specifically, staff will:

A. Conduct an office review of available databases for wetland and hydric soils along the corridor;

B. Conduct an office and field review, in coordination with staff civil engineers, of stormwater flow through and from the project corridor, particularly drainageways leading west from the corridor along the railroad ROW, and between 5300 and 5500 Western Avenue;

C. Delineate wetland and waters of the State or US along Western Avenue and at the intersection of Allen Boulevard to a maximum limit of 75 feet from existing city right-of-way, and between buildings at 10200 and 10300 Allen Boulevard;

D. Prepare a wetland delineation report summarizing the methods and results of the office and field investigations; and

E. Submit wetland delineation to Oregon Department of State Lands (DSL) for approval.

Assumptions:

- Access along the corridor is unhindered, both in terms of permission and site debris;
- HHPR surveyors will record flag locations;
- No site visits with DSL or USACE staff; and
- Report is limited to ten single pages, excluding figures and supporting materials (one draft and one final draft, delivered electronically, with one revision cycle).

Deliverables:

- Wetland Delineation Report (one draft provided electronically to the client, one final for use in applications)

2.4 Clean Water Services Natural Resource Assessment. HHPR will prepare and submit a CWS pre-screening form with attachments, and respond to questions from CWS. The purpose of the pre-screening process is to determine if CWS will require a site assessment based on the nature and location of the proposed project. It is anticipated that the pre-screening will identify the need for a Natural Resource Assessment. HHPR staff will:

A. Conduct field work to determine the width of CWS Vegetated Corridor associated with wetlands and channels in the same area investigated in the wetland determination task; and

B. Prepare a report based on this effort and the wetland delineation report that includes the required analysis of proposed project impacts and required enhancement and/or mitigation.

Assumptions:

- Channels are perennial (no documentation of intermittent status or analysis of drainage basin necessary to determine corridor width);
- Report prepared after a project design is sufficiently developed to illustrate proposed impacts to Vegetated Corridors, per CWS requirements for exhibits (impact location, impervious area, stormwater management, conceptual mitigation, etc.); and
- Mitigation will be adjacent or contiguous with the project limits.
- HHPR will complete application forms and prepare application package, including Natural Resource Assessment report, and submit all to CWS for review. If requested, staff will attend one on-site meeting with CWS.

Deliverables:

- Natural Resource Assessment report and attachments (one draft provided electronically to the client, one final for use in application).

2.5 Geotechnical Report. Perform geotechnical investigation for signal pole locations, roadway section, and walls (if required). Our assumptions are that signal pole foundation information is required for intersection adjustments at Western and Allen. Based on initial estimates, walls will be limited and not exceed 8 feet in height. We estimate the following geotechnical scope of work:

A. Review available documentation and as-builts for the alignment

B. Prepare traffic control plans. Right-of-way permits are not required.

C. Complete drilled borings as described below. During the borings we will obtain soil samples at 2.5- and 5-foot intervals :

D. Signal Poles – Two borings at each of the intersection of Allen and Western. The borings will be completed to a depth of 25 feet BGS or practical refusal. The borings will be completed using solid stem auger methods and drill cuttings will be removed from the site.

E. Complete up to six borings at possible retaining wall locations as needed. Based on preliminary wall height estimates, borings will be completed to depths up to 15 feet BGS. The borings will be completed using solid stem auger methods and drill cuttings will be removed from the site.

F. Complete up to six hand auger explorations to depths of up to 10 feet BGS as needed for widening design.

G. Maintain a detailed log of each exploration, visually classify the soil encountered, obtain soil samples as appropriate for the soil conditions encountered, and observe groundwater conditions in each exploration.

H. Conduct the following laboratory tests using soil samples obtained from the explorations:

i. Up to two consolidation tests in general conformance with ASTM D 2435

ii. Moisture Content tests in general conformance with American Society for Testing and Materials (ASTM) D 2216

iii. Atterberg limit tests in general conformance with ASTM D 4318

I. Provide geotechnical engineering construction recommendations for site preparation, structural fill compaction criteria, and wet/dry weather earthwork procedures.

J. Provide geotechnical engineering recommendations for the design and construction of retaining walls including foundation type, allowable bearing capacity, and lateral earth pressures. Provide an estimate of foundation settlement performance for retaining walls.

K. Provide signal pole design recommendations in accordance with City requirements.

L. Provide recommendations for proposed construction materials and practices.

M. Complete a draft geotechnical report.

N. Finalize the draft geotechnical report after incorporating review comments from the design team and the City.

2.6 ***Level 1 Environmental Assessment.*** A Level I Hazardous Materials Corridor Study (HMCS) will be completed for the Western Avenue Improvement Project in accordance with the "Hazardous Waste Guide for Project Development" (1990) by American Association of State Highway and Transportation Officials (AASHTO) Special Committee on Environment, Archaeology and Historic Preservation, and the "ODOT Hazmat Program Procedures Guidebook," (2010).

The purpose of the Level I HMCS is to review the development history and current use of properties within and adjacent to the project corridor to identify the possible presence of adverse environmental conditions that could be encountered during construction of project improvements.

Properties identified adjacent to the work areas that are listed on federal, state, or local environmental records may indicate that contaminant releases from these properties have impacted soil or groundwater within the work area. The Level I HMCS report will summarize the results of the historical research and field reconnaissance.

The report will also identify adjacent and nearby properties with potential environmental problems and evaluate whether releases from these sites could have impacted the project corridor.

Although the research completed during a Level I HMCS is generally similar to the ASTM requirements for completing a Phase I Environmental Site Assessment (ESA), due to the specific requirements of a Level I HMCS, the study should not be considered compliant with the Phase I ESA ASTM Standard. Based on the proximity to potentially contaminated sites identified during the Level I HMCS, the type of construction and nature of excavation required at the project area, additional investigation may be recommended to evaluate worker safety during construction and to evaluate disposal options for contaminated soil or groundwater that may be encountered during earthwork activities.

The specific Level I HMCS scope of work is summarized below.

A. Review City-provided and readily available geotechnical reports, environmental reports, or other relevant documents pertaining to environmental conditions within the project area.

B. Review federal, tribal, state, and local environmental records for listings of known or suspected environmental conditions within the project area and nearby properties using 40 CFR Part 312 and ASTM Practice E 1527-13 as general guidelines.

C. Review regulatory agency files for properties in the project area identified in the environmental databases if research indicates that releases of contaminants from these properties are likely to impact construction activities in the project area.

D. Review historical aerial photographs, as available, to identify the development history of properties within the study area relative to the possible use, generation, storage, release, or disposal of hazardous materials.

E. Conduct a search of the Oregon Water Resource Department well log database to identify registered water wells located within or adjacent to the project area.

F. Conduct a visual well search from the public right-of-way in the vicinity of the project.

G. Conduct a visual reconnaissance of the project corridor and adjacent properties for visible evidence of possible adverse environmental conditions.

H. Provide a draft and final report summarizing the findings regarding the possible presence of adverse environmental conditions within the project area. Provide recommendations for avoidance, or the potential need for a Level II HMCS.

2.7 Traffic Analysis. A traffic analysis will be conducted to evaluate the geometric needs for the intersections of SW Western Avenue/Allen Boulevard and SW Western Avenue/5th Avenue. The analysis will be conducted to identify geometric and operational needs at each intersection.

The traffic analysis will include the following subtasks:

A. Project Description. A project description will identify the purpose of the analysis and the proposed transportation facility needs.

B. Inventory and Existing Conditions Analysis. The area characteristics will be summarized for the intersection and existing traffic operating conditions at the study intersection will be identified to establish a baseline for comparing future traffic conditions. Intersection operations will be summarized for the existing peak hour performance. The peak periods to be summarized include the AM peak period (7:00 to 9:00 AM) and the PM peak period (4:00 to 6:00 PM).

New turn movement and vehicle classification counts will be conducted to develop the baseline existing conditions for study intersections. The following counts will be conducted:

i. AM and PM Peak Period Turn Movement Counts
   - SW Western Avenue/5th Avenue
   - SW Western Avenue/Allen Boulevard
   - SW Allen Boulevard/Bus Yard Access

ii. 24-hour Speed/Volume/Classification Tube Counts
   - SW Western Avenue between SW Allen Boulevard and Arctic Drive
   - SW Allen Boulevard west of the bus access

Existing performance deficiencies will be noted based on the operational analysis and a field review. In addition to the intersection review, the existing roadway characteristics will be reviewed to assess the expected sight distance at the intersection and opportunities for localized improvements. The field review will identify existing street widths, posted speed limits, and note any restrictions in safe stopping sight distance.

In addition, the following functional and operational characteristics of the intersection will be compiled for use in the evaluation including:

i. Street network by functional class
ii. Geometrics of road network and study intersections
iii. Traffic control and signal system operations
iv. Accident data (most recent 5 years available)
v. Transit, bicycle and pedestrian facilities (existing and future)
vi. Planned local street improvements (identified in the Transportation System Plan)

C. Traffic Analysis. Study intersections of Western/Allen and Western/5th will be evaluated for mitigations that may be identified from the existing conditions analysis and the 20-year horizon. Horizon year volumes will be based on existing count data and growth rates. Appropriate growth rates for use in the analysis will be coordinated with City Staff.

Up to two alternatives will be analyzed under this scope of services. The following will be evaluated as part of the analysis:

i. The volume to capacity (V/C) ratio, the delay, and the queue length of the turn lanes.
ii. The geometry/number of lanes required by different alternatives to achieve similar results.
iii. The effect on other travel modes: school bus, pedestrian, and bicycle.
iv. How the proposed control will meet the objectives for intersection control during all hours of operation compared to other analyzed alternatives.
v. The intersection design vehicle. Include truck types and sizes that travel through the area both currently and consider future users. This will include a verification of turning movements based on turn simulation software (such as AutoTURN®)
vi. Available sight distances (stopping and intersection) for the proposed design alternative.
vii. Mitigation Alternatives

The findings of the traffic analysis will be presented in a draft report that will be submitted to the design team and the City for review and comment. Comments received on the draft report regarding issues contained in this work scope will be addressed, and a final report will be submitted.

Deliverables:

- Draft Traffic Analysis Memorandum
- Final Traffic Analysis Memorandum

2.8 ***Pre-Construction Record of Survey.*** Prepare a Pre-Construction Record of Survey to meet the requirements of ORS 209.155. Submit to the Washington County Surveyors Office for review and address any provided comments. Prepare final survey for recording.

TASK 3: PRELIMINARY ENGINEERING AND PERMITTING

3.1 **Develop Preliminary Plans that include two alternatives for the Western/Allen intersection.**

3.2 **Alternatives Analysis and Preliminary Cost Estimates.** Prepare a report that outlines the pros and cons of each alternative for the Western/Allen intersection. Also provide preliminary cost estimates for right-of-way, utility relocation/undergrounding, tree impacts, private driveway and other property impacts outside of the proposed right-of-way (the Temporary Construction easement areas), and construction for the entire project.

3.3 **Preliminary Engineering Recommendation.** Prepare preliminary engineering recommendation and meet with City Project Manager to review.

3.4 **Drainage Report.** Provide a Drainage Report per the requirements of Beaverton Engineering Design Manual, Chapter 3, Section 350 Drainage Reports.

3.5 **DEQ 1200-CN Permit.** Prepare plans and application for an Oregon Department of Environmental Quality 1200-CN erosion control permit.

3.6 **Joint Fill/Removal Permit [CONTINGENCY].** HHPR will prepare a Joint Permit Application (JPA) for a USACE Clean Water Act §404 permit, an Oregon Department of Environmental Quality Clean Water Act §401 Water Quality Certification, and a DSL Fill/Removal permit. Staff will coordinate with agencies during permitting and provide responses to technical questions.

Assumptions:

- The project will qualify for a Nationwide Permit (NWP), likely a *NWP 14 Linear Transportation Projects*, from USACE;
- A brief No Effect Memorandum (not a Biological Assessment) will be required;
- No NMFS or USWS consultation will be required;
- The JPA will be based on the results of field work and the 60% design. Subsequent changes to the project design will not necessitate significant changes to the JPA;
    - One on-site or office meeting not to exceed 4 hours including prep and travel time; and
    - Comments by agency staff will be minor in extent, editorial in nature, and not require additional field work or analysis

Deliverables

- Joint Permit Application (one draft provided electronically to the client, one final for submittal)

Task 3 Assumptions:

- City land use and site development permitting to be completed by City Staff.

TASK 4: FINAL ENGINEERING

4.1 **60% Submittal.** Prepare 60% construction plans based on the City's preferred facility option. Update preliminary cost estimate. Plans to include:

A. Title sheet
B. Existing conditions
C. Demolition plan
D. Site plan
E. Grading plan
F. Preliminary driveway adjustments plans and relocation of mailboxes and other private property improvements such as fences, walls, plants, etc.
G. Storm drainage facilities (conveyance, surface water runoff treatment)
H. Utility relocation/undergrounding of existing overhead utilities plan
I. Tree removal/preservation plan
J. Landscape plan
K. Irrigation plan (if needed)
L. Traffic signal plan
M. Signage and striping plan
N. Lighting plan and memorandum
O. Traffic control
P. Water and sanitary plan (to be provided by City)

4.2 **Railroad-Highway Public Crossing Safety Application.** Prepare application and required exhibits, and obtain Final Order.

4.3 **90% Submittal.** Prepare 90% construction plans based on the City's comments to the 60% submittal. **Note:** This task will start upon completion of right-of-way acquisition. Cost estimates to be updated. Plans to include:

A. Title sheet
B. Existing conditions
C. Demolition plan
D. Site plan
E. Grading plan (with appropriate reference for the top soil thickness)
F. Erosion control plans
G. Driveway adjustments plans and relocation of mailboxes and other private property improvements such as fences, walls, plants, etc.
H. Retaining wall plan (if needed)
I. Storm drainage facilities
J. Utility relocation/undergrounding of existing overhead utilities plan
K. Tree removal
L. Landscape plan
M. Irrigation plan (if needed)
N. Traffic signal plan (Allen and 5th)
O. Signage and striping plan
P. Lighting plan
Q. Traffic control
R. Water and sanitary plan (to be provided by City)

4.4 **100% Submittal.** Prepare 100% construction plans based on the City's comments to the 90% submittal. Final cost estimate. Plans to include all elements included in the 90% submittal.

Task 4 Assumptions:

- City will provide water and sanitary plans and any associated specifications to be ready with the 90% submittal
- City will prepare bid documents
- Rail Crossing Application – City to initiate pre-application contact with ODOT and Railroad. Rail crossing and equipment plans to be completed by a consultant selected by ODOT and Railroad.
- Land use and site development permitting to be completed by City Staff

TASK 5: RIGHT OF WAY ACQUISITION SERVICES

Consultant to provide appraisal services, review appraisal, and acquisition negotiations for parcels along Western Avenue. It is anticipated there will be up to 17 right of way files. Consultant to deliver appraisal report to City Project Manager for approval and determination of just compensation. Consultant to prepare offer letters and deliver to property ownership. Upon successful negotiation, Consultant to provide signed agreements to City Project Manager for approval and payment.

5.1 **Right of Way Acquisition:** Consultant to perform the following tasks:

A. Obtain 17 preliminary title reports (reports will be obtained as part of the survey task)
B. Appraise all parcels
C. Appraisal review of all reports
D. Prepare and send general information notice of project
E. Create offer package
F. Acquisition file preparation, management and finalization to include, but not limited to contract diary, appraisal, appraisal review, offer letter, legal description, exhibit map, acquisition documentation, preliminary title report, supporting documentation
G. Negotiate and acquire property
H. Coordinate closing and recording through title company
I. Coordinate with the City Project Manager as-needed
J. Coordinate with utilities regarding existing easements
K. Intent to Acquire preparation and support as-needed

Schedule: Consultant to commence immediately upon receiving a task order from City Project Manager by scheduling a kick off meeting with City personnel to clarify lines of communication, schedule, scope of work, City preferred procedures and processes, and templates for documents.

Task 5 Assumptions:

- Additional services beyond scope will be provided with mutual agreement of timing and cost
- Negotiations will not exceed a 3 month period
- Arrangements will be made for closing at a title company after the City has approved purchases. The closing company will record documents and the original will be sent to the City for their files
- Closing and recording will be handled through a private title company and paid directly by the City of Beaverton

TASK 6: BIDDING ASSISTANCE/CONSTRUCTION ADMINISTRATION

6.1 **Respond to Bidder inquires:** Respond to bidder inquires. Prepare addenda if required. Attend the pre-bid meeting.

TASK 7: EXTRA WORK AS AUTHORIZED. Additional work as directed by the City Project Manager. No work under this bid item shall be paid unless authorized in writing by the City Project Manager.

Exhibit 2

FUNDING PLAN FOR ENGINEERING SERVICES
BY HARPER HOUF PETERSON RIGHELLIS

WESTERN AVENUE IMPROVEMENT PROJECT (5TH STREET TO ALLEN BOULEVARD), SOLICITATION NO. 3260-18B, CIP PROJECT NO. 3328

Fiscal Year	*Tasks*	*Budget Estimate*	*Funding Sources*
2017-18	Engineering and Design	$350,000	Approved in FY 2017-18 budget MSTIP3e ($175,000) BURA ($100,000) TDT ($75,000)
2018-19	Right of Way Acquisition Services and Final Construction Documents	$194,495	Proposed for FY 2018-19 budget MSTIP3e ($97,247.50) BURA ($55,570) TDT ($41,677.50)
	HHPR Fee Subtotal	**$544,495**	
2018-21	Right of Way Acquisition and Construction	$4,230,505	Proposed for FYs 2018-21 budget MSTIP3e, BURA, and TDT (*amounts to be determined*)
	TOTAL PROJECT BUDGET	**$4,775,000**	

Exhibit 3

TENTATIVE SCHEDULE FOR ENGINEERING SERVICES
BY HARPER HOUF PETERSON RIGHELLIS

WESTERN AVENUE IMPROVEMENT PROJECT (5TH STREET TO ALLEN BOULEVARD),
SOLICITATION NO. 3260-18B, CIP PROJECT NO. 3328

Major Task Category	*Approximate Date*
Contract Approval	January 2, 2018
Notice to Proceed	January 3, 2018
Data Collection	January 2018 through February 2018
Preliminary Engineering (30% Design)	January 2018 through March 2018
Construction Document Submittal for Review (60% Design)	May 2018
Right-of-Way Acquisition	May 2018 through February 2019
Construction Document Submittal for Review (90% Design)	November 2018
Final Construction Document Submittal (100% Design)	February 2019
Construction Bid	March 2019
Construction	May 2019 through July 2020