SEPA ENVIRONMENTAL CHECKLIST

A. Background

1. Name of proposed project, if applicable:

Rose Street Bridge Replacement Project

2. Name of applicant:

City of Walla Walla

3. Address and phone number of applicant and contact person:

Johnny LeMaster, P.E.,
City of Walla Walla
55 East Moore Street
Walla Walla, WA 99362
509-527-4537
jlemaster@wallawallawa.gov

4. Date checklist prepared:

July 21, 2020

5. Agency requesting checklist:

City of Walla Walla

6. Proposed timing or schedule (including phasing, if applicable):

Construction is anticipated to occur between May 15, 2021 and December 15, 2021. No phasing will be required.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

No.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

Environmental information related to this project includes the following:

- NEPA Categorical Exclusion
- Critical Areas Summary
- Endangered Species Act Section 7 Biological Assessment
- National Historic Preservation Act Section 106 Compliance, Archaeological and Historical Resources Surveys
- U.S. Army Corps of Engineers Section 408 Process

- Environmental Justice Documentation
- Hazardous Materials Right-Sized Memorandum

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

The City of Walla Walla is seeking a National Historic District Nomination for Downtown Walla Walla. The project lies within this proposed District (Walla Walla 2019).

10. List any government approvals or permits that will be needed for your proposal, if known.

The following permits and approvals are anticipated to be needed for the proposed project:

- National Environmental Policy Act (NEPA) clearance, administered by U.S. Army Corps of Engineers (Corps) and WSDOT
- National Historic Preservation Act Section 106 Approval, administered by WSDOT and FHWA
- NPDES Construction Stormwater General Permit (Notice of Intent), administered by Ecology
- State Environmental Policy Act (SEPA) clearance, administered by the City of Walla Walla
- Shoreline Substantial Development Permit, administered by the City of Walla Walla
- City of Walla Walla Critical Areas Permit
- City of Walla Walla Grade and Fill Permit

In addition, the Corps will determine whether a Section 408 Permit will be required. If so, the Corps will administer the Section 408 Permit.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

The Rose Street Bridge was constructed in 1911 over Mill Creek, and is located immediately east of the western terminus for the flood control tunnel below downtown Walla Walla. The Mill Creek channel crosses Rose Street at a significant skew. The superstructure is a monolithic concrete girder/deck system with girders running perpendicular to the channel, which are, therefore parallel neither to Rose Street nor N. 3rd Avenue. There is a center divider wall (pier) that runs the length of Mill Creek through the structure. Mill Creek daylights west of the structure after it runs beneath a pedestrian plaza located on U. S. Army Corps of Engineers (Corps) property at the northwest corner of the property intersection. Because of the skewed girders, portions of the structure lie within private property on the southeast corner of the intersection. The proposed project would reconstruct the Rose Street Bridge over Mill Creek at N. 3rd Avenue. As shown in the 60% Design Plans, **Attachment A**, project components include the following:

- Perpendicular curb ramps installation on the northern, southern, and western corners of the intersection.
- Street trees retained and protected within the project site.
- Reconstruction of the existing parapet on the Corps Plaza along Rose Street.
- Curb and gutter installation along Rose Street and N. 3rd Avenue within the project site.

- Installation of four new catch basins: one catch basin on either side of Rose Street east of the N. 3rd Avenue intersection, and one on either side of N. 3rd Avenue south of the Rose Street intersection; removal of the four existing catch basins near the proposed locations within the intersection.
- Installation of 12-inch storm drain pipe to connect new catch basins across both Rose Street and N. 3rd Avenue. Installation of 16-inch storm drain pipe with discharge to channel at existing wall penetration at N. 3rd Avenue north of intersection.
- Installation of hydrodynamic separator manholes to provide pre-treatment.
- Installation of a 16- to 18-inch casing pipe within the new cast-in-place bridge deck to house an 8-inch insulated waterline crossing.
- Installation of underground fiber communication and underground power across the intersection.
- Installation of rectangular rapid flash beacon at cross walk across Rose Street.

The existing plaza structure, channel walls and center pier will remain.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The project is located at the Rose Street Bridge over Mill Creek at N. 3rd Avenue, and at the intersection of N. 3rd Avenue and Rose Street in downtown Walla Walla. The coordinates for the project location are 46°04'1.41N, 118°20'28.80W. It is located within Section 20 of Range 36 East and Township 07 North. A site plan, vicinity map, and a topographic survey are included in **Attachment A**, 60% Design Plans.

B. Environmental Elements

1. *Earth*

a. General description of the site:
(circle one): Flat, rolling, hilly, steep slopes, mountainous, other _____

Topography on the site is relatively flat (USGS 2017). **Attachment A**, 60% Design Plans includes a detailed roadway profile with elevations.

b. What is the steepest slope on the site (approximate percent slope)?

The site is relatively flat, with an approximate 1 percent slope (USGS 2017).

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

The site is covered (100 percent) with asphalt and cement concrete. Soils below consist of Yakima gravelly silt loam, 0 to 3 percent slopes. See **Attachment B**, Critical Areas Summary, for more details on soils.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

No, see **Attachment C**, Geotechnical Report. Analysis within this report indicates that site soils have an adequate factor of safety against seismic liquefaction. Additionally, the alluvium underlying the site is characterized as having moderate to high strength, low compressibility, and low to moderate susceptibility to changes in moisture content.

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.

Approximately 2,000 cubic yards of material will be excavated (above the ordinary high water mark [OHWM]) for utility trenching (water, storm sewer, and underground telephone/power/fiber utility lines) and roadway corridor excavation. Approximately 250 yards of fill material will be placed for slight grade adjustment within the roadway, resulting in a net decrease in material. The project would not disturb soils beyond boundaries of the project site, nor would any excavation occur below the OHWM.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

Some minor, short-term erosion may occur during construction in cleared areas as a result of wind and water. The incorporation of erosion control measures will reduce or eliminate the potential of construction-related erosion. Best management practices (BMPs) will be used to ensure that the project design requirements are met to prevent erosion.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

Currently, 100 percent of the site is covered with impervious surfaces. The project will replace these impervious surfaces with new impervious surfaces. Affected areas would be restored to their existing condition after construction. No part of the lawn area on the Corps property will be disturbed as part of this project.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

The City of Walla Walla will obtain a Construction Stormwater General Permit from Ecology and require the contractor to follow a Stormwater Pollution Prevention Plan (SWPPP). BMPs will be employed in accordance with the 2019 Washington State Department of Ecology Stormwater Management Manual for Eastern Washington.

2. Air

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.

Exhaust emissions from construction equipment and dust will occur during construction. No additional emissions are anticipated after construction. Emissions from construction work will primarily be fugitive dust from roadbed and pavement removal. Best practices, as specified in Washington State Department of Transportation (WSDOT) construction contracts, such as maintaining a wet surface during excavation, covering or wetting down truck-loads of soil, and minimizing tracking out of soil, will control dust impacts.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

No, there are no major off-site sources of emissions or odor that may affect this project.

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

Appropriate BMPs will be employed during construction to reduce and control air quality impacts, including the following:

- Using well-maintained equipment and vehicles and minimizing prolonged periods of vehicle idling; and
- If dust emissions are noted during construction, areas of exposed soils such as staging areas will be sprayed with water or other dust suppressant.

3. Water

a. Surface Water:

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

The only surface water body on or near the project site is Mill Creek. Mill Creek runs through the project site, which then flows into the Walla Walla River.

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

Yes. The proposed project will reconstruct the Rose Street Bridge over Mill Creek and will include utility work on the roadway approaches, within 200 feet of the Mill Creek channel. During construction, the low-flow portion of the channel will be protected using steel plates or other covering to prevent debris from entering the channel. The top of the abutment walls and center pier will be sawcut at the existing bridge girders to allow removal of the existing bridge. Temporary falsework will be constructed on top of the channel floor (above the low-flow channel) to support the cast-in-place concrete slab deck. Once the concrete deck is cured, the falsework will be removed. Small construction equipment may be required within the channel, including skid steers, compressors, scaffolding, lifts, and saws. Proposed utilities, including water, power, and fiber communication will be embedded within the bridge deck using casing pipes. No utilities will be hung from the bottom of the bridge deck. No channel changes will occur below the ordinary high water mark. Foundations will be constructed behind the existing channel walls (not within the channel).

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

No fill and dredge material would be placed in or removed from Mill Creek. There are no wetlands in the project site.

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

Surface waters will not be withdrawn or diverted during or following construction.

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

The project is within the constructed flood control channel of Mill Creek.

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

The project will not discharge any waste materials into surface waters.

b. Ground Water:

1. Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

No groundwater will be withdrawn from a well.

2. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

No waste material would be discharged into the ground.

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

The existing City stormwater system within the project limits consists of catch basins that collect runoff and discharge the runoff directly to Mill Creek through piping and manholes. The project will replace the four existing catch basins and will install hydrodynamic separator manholes. The new manholes will be special-treatment manholes equipped with vortex systems (hydrodynamic separators) to trap and remove trash, debris, sediment, and hydrocarbons from stormwater runoff. Storm drain pipes will be installed to connect catch basins, and will discharge to the channel at the existing wall penetration at N. 3rd Avenue north of the intersection, as stated in the Grading and Drainage Plan located in **Attachment A**, 60% Design Plans.

Temporary surface water runoff may occur during construction. BMPs will ensure that silt laden water does not enter Mill Creek. A SWPPP will be prepared prior to construction to detail stormwater management measures. Stormwater runoff will be managed in accordance with the Ecology 2019 Stormwater Management Manual for Eastern Washington. BMPs will be employed in accordance with the same manual.

2) Could waste materials enter ground or surface waters? If so, generally describe.

Waste materials have the potential to enter creek surface water in stormwater runoff. The installation of manholes with stormwater filtration components would minimize the entrance of waste materials into Mill Creek (**Attachment A**, 60% Design Plans). Stormwater runoff will be managed in accordance with the Ecology 2019 Stormwater Management Manual for Eastern Washington. BMPs will be employed in accordance with the same manual.

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

The overall drainage patterns within the project will not be altered, and runoff will continue to be collected by catch basins and discharged to Mill Creek. There will however be Hydrodynamic Separator manholes installed on discharging storm drain lines (shown in **Attachment A**, 60% Design Plans) which will provide primary treatment of stormwater runoff prior to discharging to the Creek.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:

Stormwater runoff will be managed in accordance with the Ecology 2019 Stormwater Management Manual for Eastern Washington. BMPs will be employed in accordance with the same manual.

4. Plants

a. Check the types of vegetation found on the site:

_x___deciduous tree: alder, maple, aspen, other
____evergreen tree: fir, cedar, pine, other
__x__shrubs
__x__grass
____pasture
____crop or grain
____ Orchards, vineyards or other permanent crops.
____ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
____water plants: water lily, eelgrass, milfoil, other
____other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

The proposed project will protect and retain existing street trees found within the project site. Removal of a few shrubs may be required; in this case, the shrubs will be replaced with new and similar vegetation in the same location.

c. List threatened and endangered species known to be on or near the site.

No threatened or endangered plant species are known to be on or near the site. The site is urban and covered in impervious surfaces.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

The proposed project includes removing and replacing existing landscaping (bark/mulch areas and shrubs) in three locations: (1) between Rose Street and the Marcus Whitman Hotel surface parking lot, (2) within the planter beds on the southeast corner of the project (parking lot planters), and within the planter bed on the northeast corner of the intersection. All trees will be retained.

e. List all noxious weeds and invasive species known to be on or near the site.

No noxious weeds or invasive species are known to be on or near the site.

5. Animals

a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site.

Examples include:

birds: hawk, heron, eagle, songbirds, other:
mammals: deer, bear, elk, beaver, other:
fish: bass, salmon, trout, herring, shellfish, other _____

As discussed in **Attachment B**, Critical Areas Summary, the presence of wildlife within the project area is limited due to the projects site's urban setting. The only habitat feature within the project area is Mill Creek. A review of WDFW-PHS and Salmonscape data identifies Mill Creek as priority habitat for various fish species, including dolly varden/bull trout, spring chinook, steelhead, and rainbow trout. Songbirds and squirrels are likely found in the trees within the project area.

b. List any threatened and endangered species known to be on or near the site.

ESA-listed species that may occur on the project site, or species critical habitat that may occur on site include Steelhead trout and its critical habitat (*Oncorhynchus mykiss),* and bull trout and its critical habitat (*Salvelinus confluentus)*. See **Attachment C**, Biological Assessment, for further detail.

c. Is the site part of a migration route? If so, explain.

The project is within the Pacific Flyway for migratory birds. This project is not anticipated to impact migratory birds.

d. Proposed measures to preserve or enhance wildlife, if any:

The project is located in a highly urban and fully developed setting with sidewalks and landscaping. Limited wildlife habitat exists within the urbanized area around the project site. No measures will be employed to preserve or enhance wildlife.

e. List any invasive animal species known to be on or near the site.

None.

6. Energy and Natural Resources

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

During construction, electricity, gasoline, diesel fuel, and oil would be used for lighting, vehicles, and equipment. In the long run, after construction is completed, the project would not have energy needs.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

No, this project would not affect potential use of solar power by adjacent properties.

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

This project would not include energy conservation measures beyond those listed in 6(a).

7. Environmental Health

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

Hazardous materials used in project construction could include fuel and oil for construction vehicles and machinery, asphalt materials, paint, solvents, or cleaners. The contractor will be required to provide and follow a Spill Prevention Control and Countermeasure (SPCC) Plan. No significant unavoidable adverse effects from hazardous materials or to potentially hazardous sites are expected due to the project, based on the desktop research findings, site reconnaissance, the depth of excavation, and the depth to groundwater. See **Attachment E**, Hazardous Materials Memorandum, for more detail.

1) Describe any known or possible contamination at the site from present or past uses.

As discussed in **Attachment E**, Hazardous Materials Memorandum, there are two properties within one block of the proposed project site that are recorded in the U.S. Environmental Agency databases (SEMS, ECHO Enforcement and Compliance History Online, and MyEnvironment). Additional detail on these two properties are provided below, including information from Washington State Department of Ecology. No Superfund (National Priority List) sites are located within an approximately 40-mile radius of the site.

1. Walla Walla City Hall, 15 N. 3rd Avenue
    - National Pollutant Discharge Elimination System (NPDES) program, water discharger (number WAR046508). Ecology identifies this property as holding coverage under the NPDES general permit issued to all operators of regulated, small municipal stormwater collection systems to regulate stormwater discharges to state waters in eastern Washington. This property's interaction with this program began in 2007, and does not have an end date.
    - Resource Conservation and Recovery Act (RCRA) program. U.S. EPA identifies the Walla Walla Drug Lab (probably related to the City of Walla Walla Police Department) on this property as containing a hazardous waste generator.

- Underground Storage Tank (UST) program, UST no. 7264. Ecology records states that this UST was installed in 1982 and has no “permanently closed” date, suggesting the tank remains in operation. The UST stores diesel fuel for the purpose of emergency power generation. No indication of interaction with a Leaking Underground Storage Tank program is evident in Ecology’s Toxics Cleanup database.

2. U.S. Army Corps of Engineers Building, 201 N. 3rd Avenue
    - RCRA program. U.S. EPA identifies this property as containing an active small-quantity hazardous waste generator, number WAR000000414, and has identified no violation in any quarter of 2017, 2018, or 2019. Biennial Reporting (BR) occurs for this program.
    - UST program. This property’s interaction with this program began in 1994, and does not have an end date. The UST remains on site and is likely a diesel, upright tank used for emergency power generation. No indication of interaction with a Leaking Underground Storage Tank program is evident in Ecology’s Toxics Cleanup database.
    - Ecology has a record under this property address of an independent clean up completed in 1999, on a Formerly Use Defense Site (Walla Walla Army Air Field), resulting in a No Further Action finding.

There are no known sources of possible contamination listed at the proposed project site.

2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

Based on the U.S. Department of Transportation National Pipeline Mapping System, the gas or hazardous liquid transmission pipeline nearest the project is a gas transmission pipeline that begins approximately 2.2 miles southwest of the project near Community Bank on SE Commercial Drive, and extends south to the Oregon border.

No significant unavoidable adverse effects from hazardous materials or to potentially hazardous sites are expected due to the project, based on the desktop research findings, site reconnaissance, the depth of excavation, and the depth to groundwater. The desktop research conducted for **Attachment E**, Hazardous Materials Memorandum, did not indicate contamination of soil or groundwater. Based on the depths of groundwater and expected depths of excavation, groundwater may be encountered during construction. No evidence of historic contamination was identified in the project area that could be disturbed during construction, and the potential for the project to contaminate the environment is limited. A spill prevention plan will be prepared and implemented during construction.

3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

Toxic or hazardous chemicals stored, used, or produced during construction or long-term operation of the project could include cleaners, gasoline for construction vehicles and equipment, and paint.

4) Describe special emergency services that might be required.

In the event of an emergency during construction, emergency response would be required. After construction, no additional emergency services would be required other than those serving the existing bridge.

5) Proposed measures to reduce or control environmental health hazards, if any:

No environmental health hazards are expected on- or off-sire as a result of this project.

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

Construction equipment and vehicle traffic exist within the project area. Noise from these sources is not expected to impact the proposed project.

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

Short-term noise levels will increase as a result of construction equipment during daylight hours. Long-term noise levels will remain unchanged.

3) Proposed measures to reduce or control noise impacts, if any:

Construction will occur on weekdays during daylight hours. The proposed project will comply with the City of Walla Walla Municipal Code 8.13 Noise Control. Mitigation measures could include the following:

- Limit construction to daytime hours;
- Use electric rather than diesel or gas-powered machines where practical;
- Use mufflers on all internal combustion engine-driven equipment; and
- Turn off idling equipment.

8. Land and Shoreline Use

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.

The current use of this site is transportation. The project site is located in the Walla Walla downtown commercial and retail core, and borders commercial (retail, services/hotel, office, parking, and restaurant), residential, government, transit, and public space land uses. At the southwest corner of the intersection the historic City Hall building is located within 20 feet of the existing channel wall. The following properties and land uses are within one block of the intersection of Rose Street and N. 3rd Avenue:

<u>Northeast quadrant of Rose Street/N. 3rd Avenue intersection:</u>

- Marcus Whitman Hotel and Conference Center
  - hotel building
  - conference center
  - surface parking
- Whitehouse Crawford Restaurant/Seven Hills Winery
  - restaurant/winery building
  - surface parking

<u>Northwest quadrant of Rose Street/N. 3rd Avenue intersection:</u>

- U.S. Army Corps of Engineers Walla Walla District Headquarters

        - surface parking
        - office building
        - public plaza (with Chief Peopeomoxmox Monument)
    - Storage

Southwest quadrant of Rose Street/N. 3rd Avenue intersection:

- Walla Walla City Hall
    - office building
    - surface parking
- Valley Transit
    - bus station
    - surface parking (note: this area is used as a farmer's market during certain times)
- Walla Walla Title Company
- D.A. Davidson

Southeast quadrant of Rose Street/N. 3rd Avenue intersection:

- Gardner Building
    - surface parking (privately-owned)
- City-owned surface parking
- County-owned office building
- Pedigo-Loney Building, LLC (offices)
- Skylite Gallery
- Associated Appraisers
- Tallman's drug store
- Jim Johnson and Company (accounting offices)
- Valley Vision Clinic

The proposed project would not affect or alter current land uses on nearby properties.

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

The proposed project site lies within the downtown commercial core, which has consisted of a built environment since the early 1900s. No agricultural or forest land will be converted to other uses as a result of the proposed project.

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

The project would not affect or be affected by working farm or forest land operations; none are located near the project site.

c. Describe any structures on the site.

The following structures are located one the project site:

- Rose Street Bridge: The superstructure is a monolithic concrete girder/deck system with girders running perpendicular to the channel, which are, therefore parallel neither to Rose Street nor N. 3rd Avenue. There is a center divider wall (pier) that runs the length of Mill Creek through the structure.

- U.S. Army Corps of Engineers Pedestrian Plaza: The plaza is an approximately 6,380 square foot concrete plaza that overlays Mill Creek to the west of Rose Street. The plaza lies at the southeastern edge of the Army Corps of Engineers Walla Walla District Office. Located at the end of the Corps' open garden space, the plaza has a two-tier raised garden bed and statue centered within it. Trees are planted to provide a visual divide from the Corps District Office along the northwestern edge of the plaza.

- Walla Walla City Hall: The Historic City Hall building was built in 1908 by Henry Osterman in a Neoclassical style. Described in detail in **Attachment F**, Historic Property Survey Report, this building is recommended to be eligible for the National Register of Historic Places. The building is located within 20 feet of the existing channel wall.

d. Will any structures be demolished? If so, what?

The proposed project involves demolishing and reconstructing the Rose Street bridge. No other structures will be demolished.

e. What is the current zoning classification of the site?

The U.S. Army Corps of Engineers Pedestrian Plaza and the Walla Walla City are zoned Public Reserve. The surrounding blocks and buildings are zoned Central Commercial.

f. What is the current comprehensive plan designation of the site?

The current City of Walla Walla comprehensive plan designation of the proposed project site is "Downtown."

g. If applicable, what is the current shoreline master program designation of the site?

The shoreline master program designates the site as Urban downtown and High intensity.

h. Has any part of the site been classified as a critical area by the city or county? If so, specify.

See **Attachment B**, Critical Areas Summary, for a more detailed discussion on critical areas.

- The proposed project is located within a moderate to high risk earthquake zone, as is most of Downtown Walla Walla.
- FEMA maps label the project area as "unmapped," and as such, the project is not listed as being within a 100-year floodplain.
- There are no wetlands within the project area.
- Mill Creek is the only surface water within the project area. Due to the channelization of Mill Creek at the project site, there are no riparian areas within the project area.
- A review of WDFW–PHS and Salmonscape data identifies Mill Creek as priority habitat for various fish species, including dolly varden/bull trout, spring chinook, steelhead, and rainbow trout.

i. Approximately how many people would reside or work in the completed project?

The completed project is not expected to alter nearby residential patterns. No people will reside or work in the completed project.

j. Approximately how many people would the completed project displace?

This project would require partial property acquisition of one parcel, Parcel No. 360 720 770 205. No property will be fully acquired. No residential or business displacements are expected, although one on-street parking space on the southwest corner of the intersection will be removed due to construction of a bulb-out at the curb return. The project will require temporary construction easements from the private property (Cross Fit gym) on the northwest quadrant and the Marcus Whitman Hotel parking lot on the northeast quadrant, and a Construction License from the U.S. Army Corps of Engineers on the northwest quadrant of the intersection.

During construction, approximately 15 parking stalls in the America West Bank surface parking lot (privately-owned) and several on-street parking spaces along Rose Street and N. 3rd Avenue would be unusable during construction due to temporary traffic controls. Upon completion of construction, these parking stalls and on-street spaces would be restored and available for use.

The project will result in the following easements:

- 3,421 square feet of permanent easement
- 2,798 square feet of temporary easement
- 6,380 square feet of construction license required through the Corps.

k. Proposed measures to avoid or reduce displacement impacts, if any:

No measures are required because no displacement impacts will occur.

L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

No measures are necessary. The project will not result in any major changes to existing land uses. The project is compatible with future land use plans, as the uses would remain the same.

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:

The proposed project will not impact agricultural or forested lands, as none are located near the project.

9. Housing

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

No housing units will be provided as part of the proposed project.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

No housing units will be eliminated as part of the proposed project.

c. Proposed measures to reduce or control housing impacts, if any:

No measures are proposed because no impacts to housing will occur.

10. Aesthetics

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

The proposed project would occur at street level, and would not change the elevations of surrounding structures. The tallest structures in the project area are nearby/adjacent buildings, whose heights would not be altered by the project. Ground elevations at the project site range from 949.5 feet above sea level (asl) to 952.5 feet asl, as shown in the Grading and Drainage Plan in **Attachment A**, 60% Design Plans.

b. What views in the immediate vicinity would be altered or obstructed?

No views would be altered.

c. Proposed measures to reduce or control aesthetic impacts, if any:

None.

11. Light and Glare

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

None.

b. Could light or glare from the finished project be a safety hazard or interfere with views?

No light or glare from the finished project would become a safety hazard or interfere with views. With the proposed project, lighting would be similar to existing conditions.

c. What existing off-site sources of light or glare may affect your proposal?

None.

d. Proposed measures to reduce or control light and glare impacts, if any:

None.

12. Recreation

a. What designated and informal recreational opportunities are in the immediate vicinity?

The U.S. Army Corps of Engineers Pedestrian Plaza is located on the project site. Crawford Park is a strip of land located between West Main Street and the City's covered farmer's market. It is located next to Valley Transit's Transfer Center, and is approximately one block away from

the project site. In an effort to provide additional security and clean-up services to Crawford Park, Valley Transit leases Crawford Park from the City (Union Bulletin 2018).

b. Would the proposed project displace any existing recreational uses? If so, describe.

No.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

None.

13. Historic and cultural preservation

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers ? If so, specifically describe.

Four resources that are more than 45 years old were identified within the area of potential effect (APE) and recorded for this report, including the Rose Street Bridge (constructed 1911), the Mill Creek Channel (constructed 1942), the Marcus Whitman Hotel (constructed 1928), and City Hall (constructed 1908). Of these, the Mill Creek Channel was previously determined eligible for the National Register of Historic Places (NRHP), and the Marcus Whitman Hotel is listed on the NRHP (10/29/1999).

The Rose Street Bridge is recommended not eligible for the NRHP under any of the criteria. The Rose Street Bridge is one of many bridges along Mill Creek in Walla Walla that were constructed to accommodate the alignment of Mill Creek underneath buildings and roadways in downtown Walla Walla and does not have a particularly important role in the overall history of the development of downtown, nor does it sufficiently represent a specific conception of design that would qualify it as a good example of a property type, time period, or method of construction. City Hall is recommended eligible under Criterion A for its association with the historic themes of Politics/Government, and Criterion C for its association with Architecture, as an excellent example of the Neoclassical style and as the work of a master, Henry Osterman, a prominent architect in Walla Walla. The Mill Creek Channel and Marcus Whitman Hotel have retained integrity and are recommended to remain eligible and listed (respectively) for the NRHP.

Further discussion of these resources can be found in **Attachment F**, Historic Property Survey Report.

An online records search of the Washington Information System for Architectural and Archaeological Records Data (WISAARD) revealed that one archaeological site (Site 45WW419) has been documented within the APE, and two additional archaeological sites have been documented within a 0.5-mi radius of the APE. None of these three sites has been evaluated for listing in the National Register of Historic Places. One registered cemetery (Site 45WW307) was identified within the 0.5-mi research radius. The cemetery has been assigned a Smithsonian trinomial, but is not recorded as an archaeological site in the WISAARD database. No archaeological resources were observed during the archaeological survey conducted on January 7, 2020. See **Attachment G**, Cultural Resources Report, for more information.

The City may consult with the Department of Archaeology and Historic Preservation and the affected Tribes once design is at 60 percent or greater to determine whether an archaeological monitor should be present for some or all of the ground-disturbing activities associated with the project. Additionally, an Inadvertent Discovery Plan, which defines procedures to follow in the event that archaeological resources or human remains are inadvertently encountered, should be developed for all additional pre-construction and construction activities.

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

No known features, materials evidence, artifacts or other evidence of Tribal or historic use or occupation have been identified on the site. A cultural landmark exists at the northwest corner of the intersection atop the Corps pedestrian plaza bridge structure, in the center of the concrete and brick paver plaza. This memorial statue of Chief Peopeomoxmox (Yellow Bird), who was the head chief of the Walla Walla Tribe in the mid-1800s, was erected and dedicated in 2005 during the Sesquicentennial of the Walla Walla Treaty Council, commemorating the 1855 Treaty Council between the U.S. Government and local tribes in the Walla Walla region. In 1996 when the U.S. Army Corps of Engineers moved into the building that is located north of the bridge, the concrete and brick plaza with landscaping was installed. The earliest inhabitants of the region were the Native American tribes of the Cayuse, Umatilla, Walla Walla, and Nez Perce tribes. **Attachment F**, Historic Property Survey Report, and **Attachment G**, Cultural Resources Report, contain further information.

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.

Methodologies and evaluation methods are described in Chapter 2 of **Attachment F**, Historic Property Survey Report, and Chapter 4 of **Attachment G**, Cultural Resources Report.

d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

No loss, changes to, or disturbance is anticipated to cultural resources. In the event of an unanticipated discovery of cultural resources, the property owner, construction contractor, and any subsequent tenant or owner, will be governed by the statutory provisions protecting cultural resources in Chapter 27.53 Revised Code of Washington.

14. Transportation

a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.

The project site is located at the intersection of Rose Street and N. 3rd Avenue. A site plan is provided in **Attachment A**, 60% Design Plans.

b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?

The Greyhound bus station and Transit Center are approximately one block to the southwest of the project site. The project site is serviced by the local transit agency, Valley Transit.

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?

During construction, approximately 15 parking stalls in the America West Bank surface parking lot (privately-owned) and several on-street parking spaces along Rose Street and N. 3rd Avenue would be unusable during construction due to temporary traffic controls. Upon completion of construction, these parking stalls and on-street spaces would be restored and available for use. One on-street parking space on the southwest corner of the intersection will be removed due to construction of a bulb-out at the curb return.

d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).

The proposed project would reconstruct the existing street and sidewalks to the same cross section that currently exists.

e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

The proposed project will not use or occur within the vicinity of water, rail, or air transportation.

f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?

No additional traffic will be generated.

g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

The proposed project will not interfere with, affect, or be affected by the movement of agricultural or forest products.

h. Proposed measures to reduce or control transportation impacts, if any:

Roadway improvements will be constructed to meet current American Association of State Highway and Transportation Officials and City of Walla Walla standards.

15. Public Services

a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe.

No. The project will not result in an increase in population or employment at or near the site. Therefore, no increase in demand for public services will result from the proposed project.

b. Proposed measures to reduce or control direct impacts on public services, if any.

No public service impacts will result from the proposed project. Therefore, no mitigation measures for public service impacts are proposed.

16. Utilities

a. Circle utilities currently available at the site:
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system,
other _____

City of Walla Walla: Water, Sanitary Sewer, Overhead Fiber Communications
Cascade Natural Gas: Natural Gas
Century Link: Underground Fiber Communications
Charter Communications: Overhead Fiber Communications
Noanet: Overhead Fiber Communications
Pacific Power: Overhead Power, Underground Power
Pocket I Net: Overhead Fiber Communications

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

Proposed utilities, including water, power, and fiber communication will be embedded within the bridge deck using casing pipes. No utilities will be hung from the bottom of the bridge deck.

The project will involve the following utility work:

- Water. The existing waterlines that meet at the intersection of Rose Street and 3rd Avenue and cross the existing bridge structure will require replacement when the bridge structure is replaced.
- Underground Telephone. The underground CenturyLink line on N. 3rd Avenue crossing the bridge structure will require replacement when the bridge structure is replaced.
- Overhead Fiber. The project will involve undergrounding the City's overhead fiber line along the west side of N. 3rd Avenue that crosses Rose Street and provides service to City Hall.
- Overhead Power. The project will underground the Pacific Power overhead power line along the east side of N. 3rd Avenue, crossing Rose Street and providing power to light posts on both sides of the intersection.
- Gas. Existing, operational gas lines are outside the project limits. The abandoned, low-pressure gas lines along the north side of Rose Street that cross the existing structure can be removed if necessary for the project.
- Stormwater. The existing City stormwater system within the project limits consists of catch basins that collect runoff and discharge the runoff directly to Mill Creek through piping and manholes. The project will replace existing catch basin and manholes within this system. New manholes will be special-treatment manholes equipped with vortex systems (hydrodynamic separators) to trap and remove trash, debris, sediment, and hydrocarbons from stormwater runoff.

C. Signature

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: _____

Name of signee Neal Chayre

Position and Agency/Organization City Engineer

Date Submitted: 7-23-20

List of Attachments:

Attachment A	60% Design Plans
Attachment B	Critical Areas Summary
Attachment C	Biological Assessment
Attachment D	Geotechnical Report
Attachment E	Hazardous Materials Memorandum
Attachment F	Historic Property Survey Report
Attachment G	Cultural Resources Report