

CITY OF SPOKANE PLANNING SERVICES DEPARTMENT

Shoreline/Critical Areas Checklist

The Shorelines/Critical Areas Checklist is to be filled out by any person preparing a Land Use Permit Application for the City of Spokane. The purpose of the Checklist is to enable City staff to determine whether any potential Shoreline or Critical Areas are, or may be, present on the subject property. The information you provide will help you and reviewing agencies comply with regulations that assure the protection of public and private property, public safety, and the values and functions of environment, water quality, and fish and wildlife. This checklist does not constitute project approval.

A property owner or his/her authorized representative, must fill out the checklist, sign and date it, and submit it to the City as part of a Land Use Permit application process. The City will review the checklist and make a determination of the subsequent steps necessary to complete a Land Use Permit Application.

Directions: Please fill out the checklist to the best of your knowledge. The information should be easily available from site observations, agency websites, or data available at City Hall. Maps, supporting data, drawings to scale, and photos must accompany this checklist. *Attach a sheet if more space is required.*

APPLICANT INFORMATION	
Property Owner Name: City of Spokane	Date 01/19/2016
Address: 808 West Spokane Falls Blvd., 5 th Floor, Spokane, WA 99201	
Phone Berry Ellison (Program Mgr.) 509-625-6276	E-mail Address bellison@spokanecity.org
Agent Name: Marlena Guhlke	
Address CH2M, 999 West Riverside Avenue, Suite 500, Spokane, WA 99201	
Phone: 509-464-7245	E-mail Address: mguhlke@ch2m.com

SITE INFORMATION (Attach area, topographical, and orthographic maps, and photos)	
Site Address Howard St. South Channel Bridge (South Channel Bridge), Spokane, WA 99201 (north of N Howard Street and W Spokane Falls Blvd. intersection)	
Property Tax Parcel No.: No parcel number	Approximate Parcel Size (acres or sq. ft.): 2 acres
Land Use Designation: Open Space	Zoning Designation: Downtown General (DTG-150)
Is the site currently developed? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
If Yes, list existing structures and dimensions: South Channel Bridge (185 ft. long and 70 feet wide); South Theme Stream Bridge (48 ft. long by 30 ft. wide)	
Are you aware of any environmental studies that have been prepared related to or including the subject property or related to any property located within 300 feet of the subject property? If yes, list titles on an attached sheet. YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
Describe the project:	Replace Howard Street South Channel Bridge within existing footprint and right-of-way. Includes construction of a temporary crossing at the existing location of the South Theme Stream Bridge that will serve as construction access to the north end of the Howard South Channel Bridge. See the attached <i>Anticipated Bridge Construction Procedures</i> technical memorandum for more details.
Indicate by circling whether or not the following are potentially located on-site or within 300 feet of the subject property:	
Fish and Wildlife Habitat	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Wetlands	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Geological Hazard	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Streams	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Floodplain or Floodway	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Critical Aquifer Recharge	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Spokane River	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Latah Creek	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>

SHORELINES	
Is any part of the subject property located within the 200 foot Shoreline Jurisdiction? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
Shoreline Environmental Designation: Intensive Urban Environment	Shoreline Buffer Setback: 50 feet
Shoreline Design District: Downtown	Shoreline Structure Setback: 25 feet
Will any structures be located within the Shoreline Buffer setback? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	

If YES, what structures will be located within the Shoreline Buffer setback: replacement South Channel Bridge and Theme Stream crossing along with access road improvements.

Will any vegetation need to be removed within the 200 foot Shoreline Jurisdiction as part of the project? YES NO

Project Value: approximately \$6,000,000 (includes contingencies)

GENERAL SITE TOPOGRAPHY (Provide site specific information, refer to maps and provide support data)

Describe the general site topography. Check all that apply.

- Flat (less than 5-ft elevation changes over entire site)
 Rolling (slopes on site generally less than 15% - a vertical rise of 10 ft over a horizontal distance of 66 ft).
 Hilly: (slopes present on site of more than 15% and less than 30% - a vertical rise of 10 ft over a horizontal distance of 33 to 66 ft).
 Steep (grades of greater than 30% present on site - a vertical rise of 10 ft over a horizontal distance of less than 33 ft).
 Other - please describe: Site is fairly flat except for the walled riverbank slopes and the Theme Stream channel walls.

Is there any surface water body or indication of surface water bodies on or in the immediate vicinity (300 feet) of the proposed site or adjacent sites? Check all that apply.

- gullies
 drainage ways
 creeks
 rivers
 lakes ponds
 wetlands/potential wetland
 year-round or seasonal streams

Site is Primarily?

- forested
 meadow
 shrubs
 mixed
 agriculture
 disturbed and/or degraded
 urban landscaped (lawn, shrubs, etc)

List all major natural and manmade features:

South Channel Bridge

Manmade: South Channel Bridge, Avista's concrete forebay walls and asphalt or concrete walkways branching off from the bridge north and south. South of the bridge are the Fountain Café, Rotary Fountain, and Loeff Carrousel (see Figures 1-6) in the *Anticipated Bridge Construction Procedures* technical memorandum).

Natural: Natural features are the Spokane River and shorelines, which have poor habitat because bridge corners (where the bridge intersects with the river bank) of the South Channel Bridge are vertical concrete walls with asphalt surfacing, except for the northwest corner where the ground surface is natural (expressed rock outcropping) with a few shrubs and nearby trees.

Theme Stream Crossing

Manmade: Upper Falls Intake, South Theme Stream Bridge, Theme Stream, and an asphalt construction access road from Post Street to the South Channel Bridge (see Theme Stream Crossing, Figure 1). There is a children's playground located northeast of the Theme Stream crossing.

Natural: The Spokane River is south of the crossing. Park landscaping with some trees are at the crossing and within the Sister Cities construction laydown area.

ACTIVITIES

Types of Project Activities (within the Shoreline Jurisdiction, Critical Area or associated buffer):

The South Channel Bridge and the Theme Stream Bridge with access roadway are located in Riverfront Park where both structures provide access to the Park and are water body crossings for pedestrians and bicyclists. Park maintenance vehicles, emergency response and vendors for special events often use the Post Falls connecting roadway to access the park. Nearby park activities include viewing the Theme Stream, and using the Fountain Café, the Fountain, the Loeff Carrousel and children's playground area near the Theme Stream crossing. Also, activities include fishing, running/walking, skateboards, roller-skating, picnicking, bird watching and other recreational activities.

Will activities alter man-made or natural drainage features? YES NO

Does project involve any clearing, filling, grading, paving, surfacing, and/or dredging? YES NO

If Yes, answer the following:

1. If activity includes paving indicate amount of new impervious areas:

South Channel Bridge: Impervious surface of the existing South Channel Bridge is 12,600 sq. ft. (70 ft. x 180 ft.), which will be reduced in size with a narrower replacement bridge of approximately 10,440 sq. ft. (58 ft. x 180 ft.) of impervious surface.

Theme Stream Crossing: Impervious surface of existing Theme Stream Bridge plus the existing access road to the park is approximately 64,000 sq. ft. Widening the access road will add an additional 7,500 sq. ft. of impervious surface.

2. If activities include clearing and grading, indicate square feet:
South Channel Bridge: approximately 23,500 sq. ft.
Theme Stream Crossing (includes access road and Sister Cities' staging area in the calculation)
 Approximately 14,500 sq. ft.

3. Will activities involve placing fill materials? YES NO
 If yes, will fill materials exceed one foot in depth? YES NO Indicate Depth: See discussion below.

4. If fill materials exceed 50 cubic yards, indicate cubic yards:
South Channel Bridge fills:

- Temporary rock access pads: 4,000 cubic yards
- Abutments that replace existing: 370 cubic yards for both north and south abutments (of that amount, approximately 180 cubic yards is to fill the eddy under the northern end of the bridge).
- New drilled shafts: 51 cubic yards
- New concrete bridge piers: 145 cubic yards

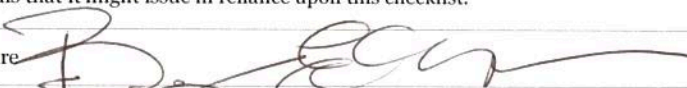
Theme Stream crossing fill:

- Placement of ecology blocks within the Theme Stream channel to form walls with fill placed in-between for approximately 150 cubic yards of fill to form the crossing.

5. If activities involve earth removal exceeding 2 feet in depth excluding foundation excavation, indicate depth:
South Channel Bridge: Temporary construction rock pads are approximately 13 feet deep. Piers will be approximately 10 to 20 feet below the ground surface.
Theme Stream Crossing: Filling of the Theme Stream channel at the crossing will be approximately 5 feet deep. Bottom of the Theme Stream channel will remain in place. See Theme Stream Crossing, Figure 1 for cross sectional views.

DISCLAIMER AND SIGNATURE

I, the undersigned, swear under penalty of perjury that the above responses are made truthfully and to the best of my knowledge. I also understand that, should there be any willful misrepresentation or willful lack of full disclosure on my part, the agency must withdraw any approvals that it might issue in reliance upon this checklist.

Signature  Date January 20, 2016

FOR USE BY AGENCY

Received By _____ Date _____

Reviewed By: _____ Date _____

Notes:

ENVIRONMENTAL STUDIES:

- Environmental Studies that include the bridge project site are:
- Phase I Environmental Site Assessment, GeoEngineers, 2014
 - Draft Habitat Management Plan, GeoEngineers, 2015
 - Cultural Resources Background Study for the Riverfront Park Bridges Inspection and Analysis, KPFF Consulting Engineers, 2014
 - Spokane Riverfront Park Historic Property Inventory of Pre-1975 Resources, Spokane, Washington, CH2M, 2015

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