



PUBLIC WORKS ADVISORY COMMISSION

MINUTES

CITY OF LANGLEY

September 9, 2020 - 3pm

112 Second Street
P.O. Box 366
Langley, WA 98260
(360) 221-4246

I. Call to order

Dominique Emerson called to order the regular meeting of the Public Works Advisory Commission at 3:00 PM on September 9, 2020 online via Zoom.

II. Roll call

In attendance: Dominique Emerson, Randi Perry, Stan Berryman, Tom Fox, Jim Dobberfuhr, Fred Lundahl, Darlene Baldwin and Craig Cyr.

III. Approval of the Agenda

Fred made a motion to approve agenda. Second by Jim. Motion passed unanimously.

IV. Approval of Minutes

Fred made a motion to approve the minutes of 8/12/2020. Second by Jim. Discussion: Request an acronym appendix accompany minutes or acronyms be written out moving forward. Motion passed unanimously.

V. Old Business

1. Perry reported that the Noble Creek storm pipe crossing was not listed as an issue in the Stormwater Comprehensive Plan.

VI. New Business

- 1) The Langley Infrastructure Project Basis of Design Report was discussed. There are significant hurdles that need to be addressed. An overview of each project area's hurdles was presented as broken out in the staff memo in the agenda packet.
 - a) Areas with additional cost or project delays were identified and discussed -
 - i) Trenchless Construction methods are being considered for tree preservation & sewer lines.
 - ii) Davido Consulting Group (DCG) recommends bringing a Trenchless expert to help efficiently plan methods and accurately assess costs, identify suitable areas for each method and how they can be packaged in a way that contractors will be interested.
 - iii) Trenchless technology in this capacity have the potential to cost two to three times that of conventional means. Air Spading, cure in place piping, pipe bursting, slip lining and boring technologies were discussed.
 - iv) Additional research is required for combining construction techniques.
 - b) Permitting –
 - i) Wetland/Creek impacts, and buffer areas are anticipated in some areas- Army Corp of Engineering expected to cause scheduling delays. Mitigation and impacts will be invested further in Phase 2.
 - ii) Blue Heron Rookery & Bald Eagles Nest – Possibly required from Washington Department of Fish and Wildlife, Clean Water Act Section 404 Permit, and Natural Heritage Program.
 - iii) Island County – coordination with stormwater outfall required and for waterline replacement.
 - c) Right of Way Status - Private property extends into the roadway on 4th Street and 6th Street. This was not anticipated and requires correction prior to construction. Tom suggests that costs associated with correction not be charged to the LIP.
 - d) Roadway/ pathway, Pavement restoration and widening.
 - i) Traffic calming on 6th Street is desired, and there may be opportunity to add in with design elements
 - ii) Complete width restoration was recommended for multiple areas additional to the PACE Preliminary Engineering trench patching. Most significant is Island View as it was assumed to be gravel in the PACE Preliminary Engineering, but it has chip seal surface in very poor condition, the proposal is full pavement and basecourse removal.
 - iii) Langley Municipal Code deviations were identified in various areas of the project.
 - iv) Roadway will need to be raised over Noble Creek to maintain cover over gravity sewer lines.
 - v) Meandering pathway is anticipated along 6th to avoid conflicts with utility poles, hydrants, utility boxes and trees. Some areas may require retaining walls, and there is a potential for additional costs to meet ADA standards.
 - e) Utility conflicts exist in multiple locations.

GENERAL DISCUSSION:

- Cost contingency was discussed. The PACE Preliminary Engineering included a 30% project contingency. Design contingency will be carried forward, in general at 30% benchmark contingency would be 20-30%, 60% design contingency is typically 15%, 90% benchmark typically carries 5%-10% contingency and ideally 100% design carries no contingency. Staff is recommending moving forward to obtain updated cost estimates with the information revealed through phase 1.
- An earthquake valve should be considered for the waterline along Edgecliff to reduce the volume of water loss during an emergency.



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MOTION: Fred made the motion to approve the Basis of Design and recommend to the City Council that phase 2 be split into subsections: 2a- deliverables to include updated cost estimates and 30% design prior to moving into 2b-full design and bid documents. Second made by Tom. Motion passed unanimously.

VII. Citizen Comments- Citizens comments were allowed throughout the New Business Discussion.

- 1) Is a crosswalk being considered on 6th to Anthes? Suggestion for 3-way stop in this area. There are also many folks that cross from Al Anderson to Melsen Alley, consideration should be given here. There is a note in the base mapping indicating this is a possibility. Additional discussion for design consideration, 3-way stop at Park and 6th could calm traffic, raised sidewalk or flashing lights
- 2) The base mapping utility locations discussions. Typically, there is a 10' clearance between utilities so the lines are placeholders. Storm structure makes sense alone one side or the other. Goal 5' between sewer and storm. Proposed lines are the first flush to gauge how many challenges are in the field.
- 3) Neighbors concerned about the trees along the northside. Would like assurance the utility placed closest to the trees has the least amount of impact. Alignments to lines as shown in the base mapping can be adjusted to avoid conflict. Mains and service connections have potential to impact.
- 4) What is the reason for the wider road width? Pedestrians and consistency are not required.
- 5) What is the depth of pipe placement required to maintain .4% slope for gravity on Edgecliff? Natural grade working for us. Standard is 5' and the profile drawings and that is mostly what is seen.

VIII. Announcements-

The Basis of Design will be presented at City Council September 21, 2020.

Special Meeting-Rates September 23, 2020pm

Next Board Meeting Wednesday October 7, 2020 pm (Virtual-Zoom).

IX. Adjournment

Dominique Emerson adjourned the meeting at approximately 5:08pm.

Minutes submitted by: Randi Perry