



City of Puyallup  
**Engineering Division**  
333 S. Meridian, Puyallup, WA 98371  
(253) 864-4165  
www.cityofpuyallup.org

HENSEL PHELPS  
122 E STEWART AVE  
PUYALLUP, WA 98372-3007

June 15, 2023

**RE: INSPECTION PUNCHLIST FOR PERMIT E-21-0022**

To Whom It May Concern:

City of Puyallup's Development Engineering has completed, at your request, a final inspection of the above referenced permit number.

The following is a list of outstanding items that must be completed prior to Engineering's final acceptance of the work. Please note that this list has been broken into two sections:

**Section A** are considered life/safety items that must be completed for the utilities to operate and be maintained as intended. **Therefore, Section A must be completed and accepted before Development Engineering can consider the project adequately complete and to allow issuance of an Occupancy Permit.**

**Section B** are punchlist items, and as such, do not have to be completed prior to occupancy. However, the items listed under Section B must be guaranteed to be completed within 90 days from the date of this letter. The City of Puyallup requires an assignment of funds in the amount of **REQUIRED on June 18, 2023** to guarantee completion of the punchlist items.

**SECTION A**

(ITEMS WHICH MUST BE COMPLETED PRIOR TO OCCUPANCY)

**MISCELLANEOUS :**

- Provide completed Traffic Signal Turn-On Checklist (required per implementation procedure).

**SECTION B**

(ITEMS COVERED BY AN ASSIGNMENT OF FUNDS TO ALLOW OCCUPANCY)

**STREET:**

- Install "Caution Look Both Ways" signage at 5th St NW and 7th St NW RR crossings.
- Resolve the placement of "Caution Look Both Ways" signage on the east side of 5th St NW (Clarify where these will be installed).

**MISCELLANEOUS :**

- Conduct on-site adaptive optimization shortly after the garage has been opened to the public.
- At 7th/Stewart, the far side programmable heads (Northbound) appear to need additional adjustments. It's possible the previous modifications are now out of adjustment.
- Modifications to pre-signal and signage to be captured in the record drawings.
- Provide updated configuration memo capturing all changes to design/programming assumptions.
- Confirm EV preemption (Opticom)...City to conduct test.
- Rhythm Engineering Action items for on-site configuration:
  - a. Camera firmware update at 4th/Stewart-COMPLETED
  - b. Possible SDLC firmware configuration/update-COMPLETED
  - c. Coordinate with City for remote non-optimized adaptive turn-on? City will assist with modifying configuration of 2070 OMNI controllers to accept adaptive control-COMPLETED
  - d. On-site adaptive optimization action items:
    - i. Trigger configuration to handle RR post flush operation (at W Stewart and maybe W Pioneer).
    - ii. 5th St/Stewart configuration to better utilize the NBL turn pocket at Stewart during normal operation.
    - iii. For the post garage opening on-site optimization of the 5th St corridor to run "free" during off-peak times (based on data collected).
    - iv. In-Time modules were installed for the initial 5th St adaptive deployment but were never configured. I believe we need a new antenna for the new 4th/Stewart cabinet.
    - v. Detection zones for the new EBR turn pocket at Meridian/Stewart were never setup. The City added new detection zones for the EB approach, but requests they are checked/verified. Also, need to verify operation of RR preemption trigger at this intersection.
- Limited-service function at 5th/2nd
  - a. SB Red indication (NB Green) during rail event seems counterintuitive. City will coordinate with STC/RailPros on an acceptable solution.
- Provide the City with an electronic version of the record drawings in the following formats:
  - AutoCAD Map 2007 or newer in State Plane South Projection
  - PDF
- For a period of time to run with the guarantee for construction provided by the Sound Transit contractor(s), Sound Transit agrees to assist the City should significant repair, reprogramming or replacement of traffic signal equipment software or hardware be required. Such need would become evident should the traffic signals related to the project fail or otherwise cease to functional operationally during this timeframe.

**Please refer to Sound Transit's Affirmation Letter dated March 20, 2023 to complete all punchlist work no later than June 18, 2023 or provide the City an Assignment-of-Funds guaranteeing completion .**

After completion of the above work, please contact the project's Engineering Inspector, Michael Rosenau, at (253) 841-5411 and schedule a punchlist inspection through the [CityView portal](#). If you have any questions regarding any of these items, please contact Michael Rosenau or myself.

Sincerely,



Mark Higginson  
Senior Civil Engineer  
(253) 841-5559  
MHigginson@PuyallupWA.gov

Cc: Michael Rosenau, City of Puyallup Engineering Inspector  
Robyn Buck-Holdener, City of Puyallup Engineering Support Specialist  
HENSEL PHELPS JIM HICKERNELL, Permit Holder