

**Please provide the following information in order to process your request:**

Date of Request: May 12, 2021  
Requesting Agency: City of Puyallup

Requested by: Bryan Roberts, PE  
Title: Traffic Engineer

E-mail: broberts@ci.puyallup.wa.us  
Phone: 253-841-5542

**Grade Crossing Information:**

State: WA  
City: Puyallup  
County: Pierce  
Crossing Street Name: 5th Street NW  
Parallel Street Name: West Stewart Avenue

DOT #: 085699A  
District: Northwest  
RR Subdivision: Seattle  
Mile Post: 32.05X

**Signalized Intersection Information:**

- 1) Provide interconnection configuration: ☒ Single break circuit ☐ Double break circuit
- 2) Is a Supervised circuit being requested? ☒ Yes ☐ No
- 3) Is this request for Simultaneous Preemption Operation? ☐ Yes ☒ No

If "Yes", what is your requested Additional Warning Time? (if needed) \_\_\_\_ Seconds

- 4) Is this request for Advance Preemption Operation? ☒ Yes ☐ No

If "Yes", what is your requested Vehicle Advance Preemption Time (APT)? 19 Seconds

If "Yes", is a Gate Down circuit being requested? ☒ Yes ☐ No

*\* The purpose of the gate-down circuit is to comply with the Institute of Traffic Engineers (ITE) recommended practice to ensure that the Track Clearance Green interval remains on until gates are fully lowered to prevent a "preempt trap". Railroad will provide relay contacts for the gate down circuit.*

- 5) Is this request for additional time for Advance Pedestrian Preemption Operation? ☒ Yes ☐ No

If "Yes", what is your requested additional time for Advance Pedestrian Preemption Time (APPT)? 14 Seconds

*\* Note: The time listed above is the requested time **above** the requested APT time (where APT is requested).*

*\* Note: Double-break with supervision is not an option when using Advance Pedestrian Preemption Operation.*

*\* Note: Pedestrian Detection is required when using Advance Pedestrian Preemption Operation.*

- 6) Is a Crossing Active (XR) circuit required to activate blank-out signs or another traffic control device? ☒ Yes ☐ No
- 7) Is a Traffic Signal Health circuit being requested? ☒ Yes ☐ No

*\* Note: A Traffic Signal Health circuit is required when requesting new Advance Preemption Operation.*

*\* Note: A Traffic Signal Health circuit is not required when requesting changes to existing advanced preemption Operation.*

- 8) Indicate the interconnection wire size & number of conductors: 14 AWG 12 Conductors