



**PUBLIC WORKS ADMINISTRATION**

Timothy J. LaPorte, P.E.  
Public Works Director  
400 West Gowe St  
Kent, WA 98032  
Fax: 253-856-6500

**PHONE: 253-856-5500**

September 10, 2018

Dear Betty Young:

The City of Kent is pursuing the establishment of a quiet zone on the Union Pacific Railroad Company (UPRR) mainline throughout the city. Following the procedures established by 49 CFR 222 and 229 *Use of Locomotive Train Horns at Highway-Rail Grade Crossings; Final Rule*, please find the attached Notice of Intent to establish a New 24 Hour Quiet Zone at all at-grade UPRR mainline crossings within the city limits.

In accordance with 49 CFR 222.43 the City will accept comments related to the proposed Quiet Zone for 60 days following the date of this mailing. A comment form and contact information for submitting comments is included in the attached notice.

If you have any questions about this notice or the proposed Quiet Zone, please feel free to contact Rob Brown, City Traffic Engineer at RBrown@KentWA.gov or 253-856-5571.

Sincerely,

Rob Brown, P.E.  
City Traffic Engineer  
Transportation Engineering | Public Works Department  
220 Fourth Ave. So  
Kent, WA 98032.

RECEIVED  
RECORDS MANAGEMENT  
2018 SEP 12 PM 2:41  
STATE OF WASH.  
UTL. AND TRANSP.  
COMMISSION

Enclosure

CC: Melinda DuBay, Union Pacific Railroad Company  
Connie Raezer, Washington State Department of Transportation  
Robert C. Lauby, Federal Railroad Administration  
Jeffery P. Stewart, Federal Railroad Administration



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Public Works Director

400 West Gowe St

Kent, WA 98032

Fax: 253-856-6500

**PHONE: 253-856-5500**

September 10, 2018

**SUBJECT:** Kent Washington Union Pacific Mainline Quiet Zone  
Notice of Intent to Establish a Railroad Quiet Zone by Public Authority Designation  
Title 49 Code of Federal Regulations 222.39 (a) (3)

Notice is hereby provided that the City of Kent, Washington, intends to establish a New 24-Hour Quiet Zone on the Union Pacific Railroad (UPRR) mainline track in accordance with regulatory provisions contained in Title 49 of the Code of Federal Regulations (CFR), Parts 222 and 229 Use of Locomotive Horns at Highway-Rail Grade Crossings; Final Rule pursuant to 49 CFR 222.43(a)(1).

Pursuant to 49 CFR 222.43(b)(3), a party receiving this Notice of Intent may submit information or comments about the proposed Quiet Zone to the City during the 60 days following the date of this letter.

**49 CFR 222.43(b)(2)(i) – AFFECTED HIGHWAY RAIL CROSSINGS**

There are five (5) affected highway grade crossings within the proposed Quiet Zone covering a distance of 2.37 miles. All crossings are public. Four of the five and are under the jurisdiction of the City of Kent, and Willis Street (SR 516) is under the jurisdiction of the Washington State Department of Transportation. The Washington State Department of Transportation takes no exception to the establishment of the Mainline Quiet Zone. The City of Kent will be the lead agency for the establishment of the Quiet Zone.

<b>Crossing Number</b>	<b>Railroad Milepost</b>	<b>USDOT Crossing ID Number</b>	<b>Street or Highway Name</b>
1	0166.650	396581U	Willis Street/ State Route 516
2	0166.880	396580M	S Meeker Street
3	0166.990	396579T	S Smith Street
4	0167.250	396578L	S James Street
5	0169.020	396575R	S 212 Street

The grade crossing at S 228<sup>th</sup> St, USDOT Crossing ID Number 396576X at railroad milepost 0168.010, will be closed through a grade separation project prior to the establishment of the Quiet Zone. The Washington State Utilities and Transportation Commission granted the City's petition to close the crossing and replace it with an overcrossing on May 8, 2018. The crossing is expected to be permanently closed in November, 2018. While this crossing is currently active, it was not considered for this Quiet Zone establishment effort.

Kent Washington Notice of Intent to Establish a Union Pacific Mainline Railroad Quiet Zone

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The industrial spur lines that use the crossings at Willis St (Crossing 396581U), Meeker St (Crossing 396580M), and Smith St (Crossing 396579T) will not be part of the Quiet Zone proposed to be established.

**49 CFR 222.43(b)(2)(ii) – TIME RESTRICTION**

The new mainline Quiet Zone is proposed to be in effect 24 hours per day, seven days per week, with the exception of emergency and other situations as described in CFR 222.23.

**49 CFR 222.43(b)(2)(iii) – PROPOSED IMPROVEMENTS**

All public highway grade crossings within the proposed Quiet Zone are equipped with gates and active warning systems. The City will upgrade four crossings with Supplemental Safety Measures (SSMs) to comply with the requirements of Appendix A of CFR Part 222. Additionally, the necessary signing and striping will be upgraded to comply with the current Manual on Uniform Traffic Control Devices (MUTCD).

<b>Crossing Number</b>	<b>Railroad Milepost</b>	<b>USDOT Crossing ID Number</b>	<b>Street or Highway Name</b>	<b>Supplemental Safety Measures</b>
1	0166.650	396581U	Willis Street/ State Route SR 516	On west side: install 150 feet mountable median curb with delineator posts.  On east side: extend mountable median by 100 feet and install delineator post for a total length of 120 feet.
4	0167.250	396578L	W James Street	On west side: install 80 feet mountable curb with delineator posts.  On east side: install 40 feet mountable curb with delineator posts connecting to existing 300 foot mountable median. Install 60 feet of delineator posts on existing mountable median for a total length of 100 feet.  Revise the commercial driveway curb east of crossing on south side to provide 60 feet of separation from tracks.
5	0169.020	396575R	S 212 Street	On west side: install 86 feet of delineator posts on top of existing mountable median.  On east side: extend existing mountable median island to 120 feet total length. Install 120 feet of delineator posts on top of median island.

In addition to the Supplemental Safety Measures proposed above, additional improvements will be made at all grade crossings.

Crossing Number	Railroad Milepost	USDOT Crossing ID Number	Street or Highway Name	Additional Vehicular and Pedestrian Improvements (Non-SSM)
1	0166.650	396581U	Willis Street/ State Route 516	<p>Install "No train horn" (W10-9) signs on both approaches.</p> <p>Install "Do Not Stop On Tracks" (R8-8) sign in median island on east side.</p> <p>Install "Look" (R15-8) signs on the two non-gated pedestrian approaches.</p> <p>Install dynamic train envelope pavement markings.</p>
2	0166.880	396580M	W Meeker Street	<p>On west side: install 100 feet mountable median curb with delineator posts.</p> <p>On east side: install 30 feet mountable median curb with delineator posts.</p> <p>Install "No train horn" (W10-9) sign on east approach.</p> <p>Install "No train horn" (W10-9P) plaques under advanced grade crossing warning signs on west approach and on side streets.</p> <p>Install ADA-compliant detectable warning surfaces on all four pedestrian approaches.</p> <p>Install "Look" (R15-8) signs at all four non-gated pedestrian approaches.</p> <p>Narrow westbound travel lanes to 12 feet wide.</p>
3	0166.990	396579T	W Smith Street	<p>On west side: install 100 feet mountable median curb with delineator posts.</p> <p>On east side: install 75 feet mountable median curb with delineator posts.</p> <p>Install "No train horn" (W10-9P) plaques under advanced grade crossing warning signs on both approaches and side street.</p>

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				<p>Install ADA-compliant detectable warning surfaces on all four pedestrian approaches.</p> <p>Install "Look" (R15-8) signs on the two non-gated pedestrian approaches.</p>
4	0167.250	396578L	W James Street	<p>Install "No train horn" (W10-9) signs on both approaches.</p> <p>West of trail crossing: install additional 150 feet of mountable curb with delineator posts.</p> <p>Install "Do not Stop on Tracks" (R8-8) sign on the west approach.</p> <p>Install "Look" (R15-8) signs on the four non-gated pedestrian approaches.</p> <p>Install dynamic train envelope pavement markings.</p>
5	0169.02	396575R	S 212 Street	<p>Install "No train horn" (W10-9) signs on both approaches.</p> <p>Install "Stop Here on Red" (R10-6a) on east approach.</p> <p>Install "Do not Stop on Tracks" (R8-8) signs in the medians on the east and west approaches.</p> <p>Install ADA-compliant detectable warning surfaces on all four pedestrian approaches.</p> <p>Install "Look" (R15-8) signs on the two non-gated pedestrian approaches.</p> <p>West of trail crossing: install an additional 10 feet of delineator posts on existing mountable island.</p> <p>Install dynamic train envelope pavement markings.</p>

These improvement projects will be coordinated with the Union Pacific Railroad, the Washington State Department of Transportation (WSDOT), and the Washington State Utilities and Transportation Commission (UTC) through the UTC's Grade Crossing Modification process.

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**49 CFR 222.43(b)(2)(iv) – POINT OF CONTACT**

**Quiet Zone Name:** Kent Washington Union Pacific Mainline Quiet Zone

**Name:** Rob Brown

**Title:** City Traffic Engineer

**Organization:** City of Kent Public Works

**Address:** 400 West Gowe Street

Kent, WA 98032

**Phone:** 253-856-5571

**Fax:** 253-856-6500

**Email:** RBrown@KentWA.gov

**49 CFR 222.43(b)(2)(v) – DISTRIBUTION**

The following parties will receive this notification in accordance with 49 CFR 222.43(a)(1) and (3):

1. Railroads operating over the highway-rail grade crossings:

**Melinda DuBay**

Industry & Public Projects Manager I  
Union Pacific Railroad  
Engineering Industry & Public Projects Quiet Zones  
1400 Douglas Street, MS910  
Omaha, NE 68179

2. State agency responsible for highway and road safety and State agency responsible for grade crossing safety:

**Betty Young**

Transportation Planning Specialist  
Utilities and Transportation Commission  
1300 S Evergreen Park Drive SW  
Olympia, WA 98504

**Connie Raezer**

WSDOT Railroad Liaison  
Development Division  
310 Maple Park Avenue SE, 2B  
Mailstop 47329  
Olympia, WA 98504-7329

3. Federal Railroad Administration

**Robert C. Lauby**

Associate Administrator for Railroad Safety  
Federal Railroad Administration  
Mail Stop 25  
1200 New Jersey Avenue SE  
Washington, DC 20590

**Jeffrey Stewart**

FRA Region 8 Grade Crossing Inspector  
Federal Railroad Administration  
500 E. Broadway, Suite 240  
Vancouver, WA 98660



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**Action Required:**

Any party receiving this Notice of Intent may submit information or comments about the proposed Quiet Zone to the City during the 60 days following the date of this Notice. The comment period will terminate if all parties either submit comments or signed statements indicating they do not have any comments.

Attached for your convenience is a form to facilitate your response. If you have any questions, please contact me directly.



Rob Brown, P.E.  
City Traffic Engineer

Enclosures:    Notice of Intent Response Form  
                  Union Pacific Grade Crossing Exhibits

Date: \_\_\_\_\_

**Return to:** Rob Brown, P.E.  
City Traffic Engineer  
220 Fourth Avenue South  
Kent, WA 98032

**SUBJECT:** Kent Washington Union Pacific Mainline Quiet Zone  
Notice of Intent to Establish a Railroad Quiet Zone by Public Authority Designation  
Title 49 Code of Federal Regulations 222.39 (a) (3)

We have received your Notice of Intent dated \_\_\_\_\_, 2018 and offer the following:

No Comment                       Comment:

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\_\_\_\_\_  
Signature

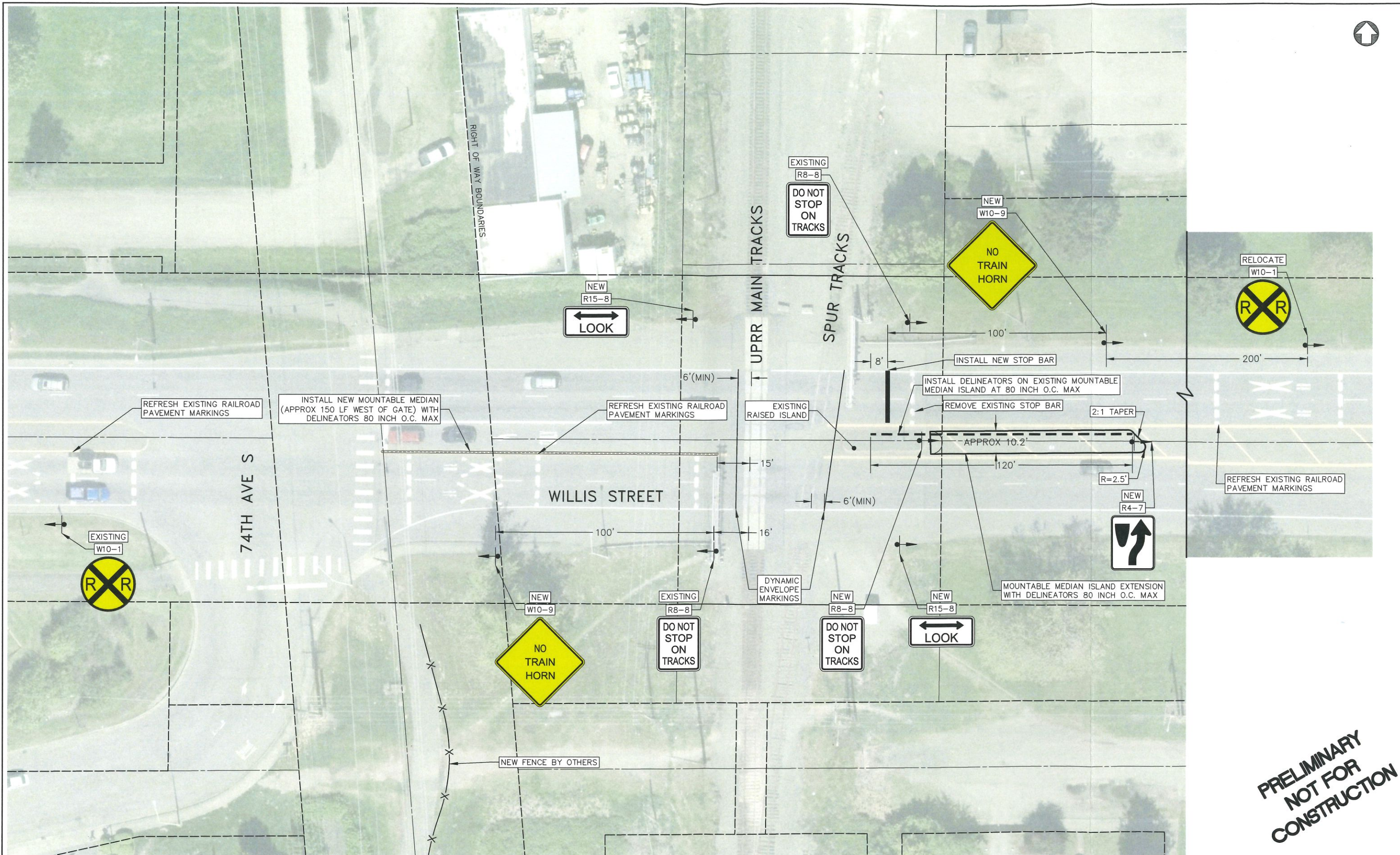
From: (Please Print)

\_\_\_\_\_  
Name

\_\_\_\_\_  
Organization

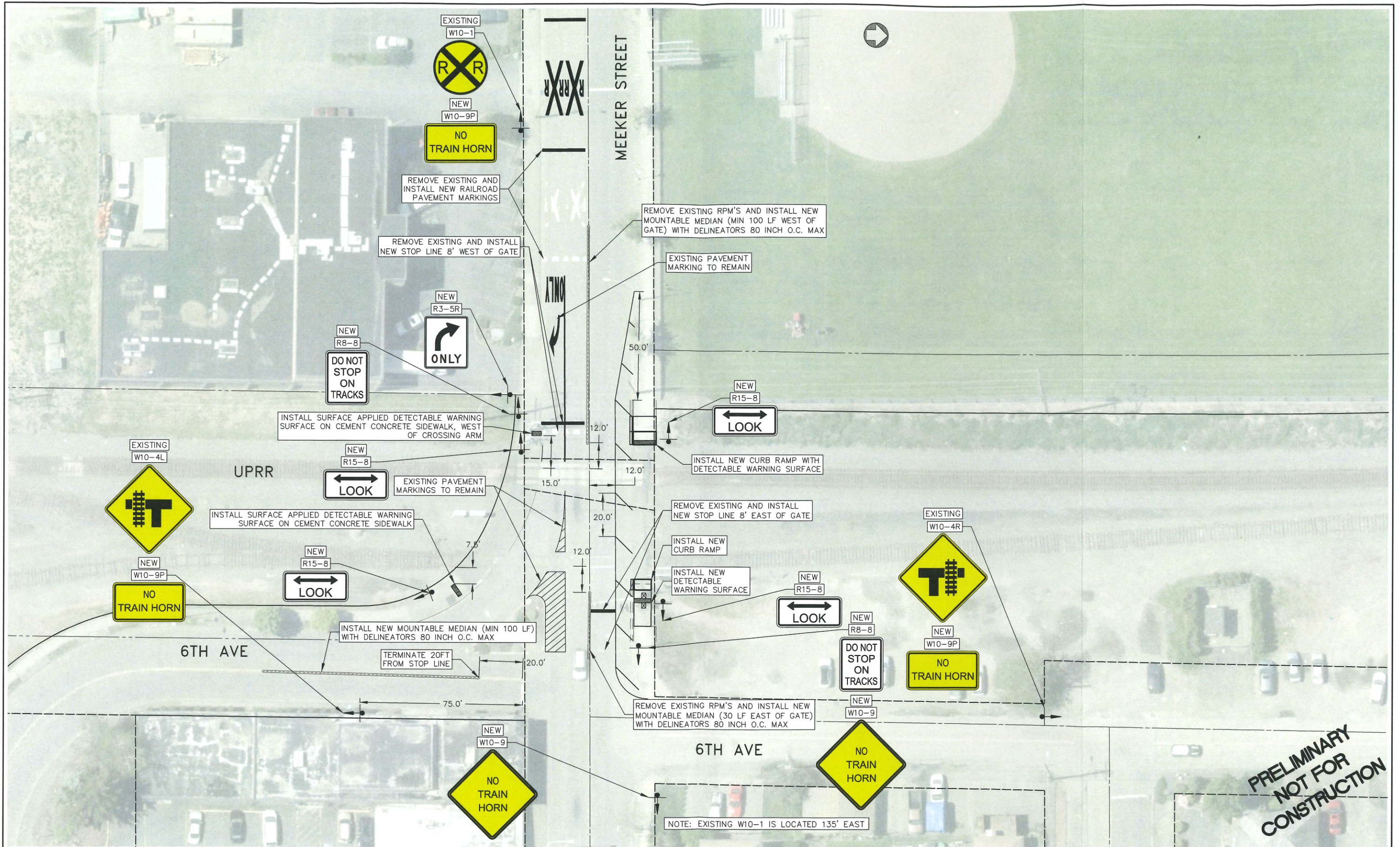
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\_\_\_\_\_  
City, State, Zip Code



**PRELIMINARY  
NOT FOR  
CONSTRUCTION**

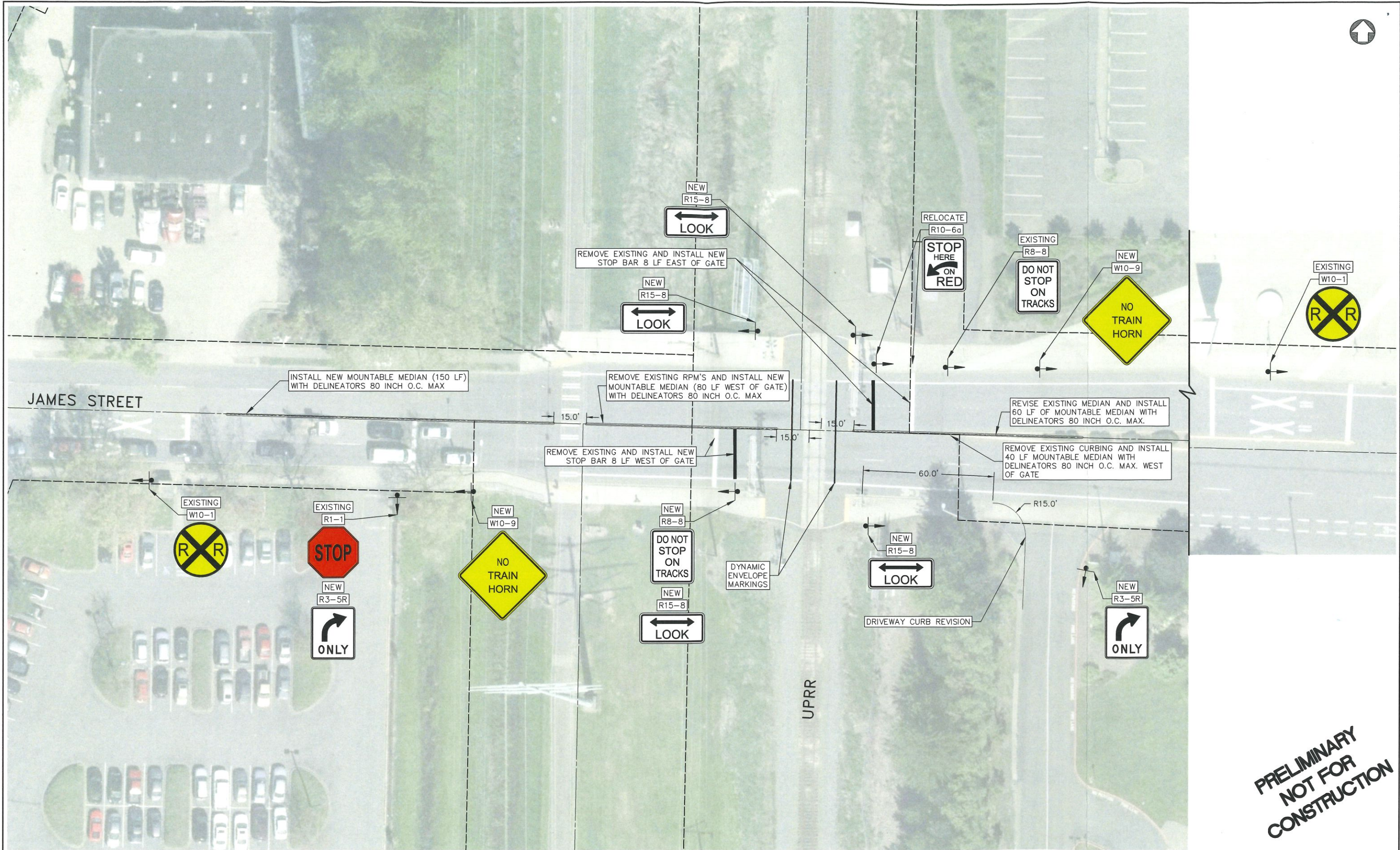
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DRAWN: _____		PROJECT ENGR. _____		CONST. MGMT. REVIEW _____		VERT: NONE				KENT WASHINGTON						FILE NO. _____	
NO. _____		REVISION _____		BY _____		DATE _____		APPROVED: _____		CITY ENGINEER		DATE 9/7/2018					



**PRELIMINARY  
NOT FOR  
CONSTRUCTION**

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DRAWN: _____		PROJECT ENGR: _____		CONST. MGMT. REVIEW		VERT: NONE		DATE 9/10/2018		APPROVED: _____		CITY ENGINEER		FILE NO.			
NO.	REVISION	BY	DATE														





**PRELIMINARY  
NOT FOR  
CONSTRUCTION**

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DRAWN:	PROJECT ENGR:	CONST. MGMT. REVIEW	DATE 9/10/2018	0" 0.5"				
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