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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

August 24, 2018

Dear Betty Young:

The City of Kent is pursuing the establishment of a quiet zone on the BNSF Railway Corporation 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 BNSF 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.

Enclosure

CC: Stephen Simenek, BNSF Railway Company
Patrick Sullivan, National Railroad Passenger Corporation (Amtrak)
Weylin Doyle, Central Puget Sound Regional Transit Authority (Sound Transit)
Connie Raezer, Washington State Department of Transportation
Robert C. Lauby, Federal Railroad Administration
Jeffery P. Stewart, Federal Railroad Administration



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

August 24, 2018

SUBJECT: Kent Washington BNSF Mainline Quiet Zone
Notice of Intent to Establish a Railroad Quiet Zone by Public Authority Designation
Title 49 Code of Federal Regulations 222.39 (b)(1)

Notice is hereby provided that the City of Kent, Washington intends to apply to the Associate Administrator for Railroad Safety of the Federal Railroad Administration to create a New 24-Hour Quiet Zone on the BNSF Railway Company (BNSF) mainline tracks 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 comment period following the date of this letter.

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

There are eight (8) affected highway grade crossings within the proposed mainline Quiet Zone covering a distance of 2.90 miles. All crossings are public and are under the jurisdiction of the City of Kent.

Crossing Number	Railroad Milepost	USDOT Crossing ID Number	Street or Highway Name
1	14.190	085625H	S 212 Street
2	15.942	085629K	E James Street
3	16.179	085633A	E Smith Street
4	16.289	085636V	E Meeker Street
5	16.339	085637C	E Gowe Street
6	16.436	085639R	E Titus Street
7	16.557	085640K	Willis Street/ State Route 516
8	17.090	085642Y	S 259 th Street

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 49 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 two crossings with Supplemental Safety Measures (SSMs) to comply with the requirements of Appendix A of CFR Part 222. Additionally, Alternative Safety Measures and other improvements will be constructed along with the necessary signing and striping will be upgraded to comply with the current Manual on Uniform Traffic Control Devices (MUTCD).

Crossing Number	Railroad Milepost	USDOT Crossing ID Number	Street or Highway Name	Supplemental Safety Measures
1	14.190	085625H	S 212 Street	<p>On west side: install 126 feet of delineator posts on top of existing mountable median.</p> <p>On east side: extend existing mountable median by 80 feet for a total of 120 feet. Install 120 feet of delineator posts on top of mountable median.</p>
4	16.289	085636V	E Meeker Street	<p>On west side: remove and replace 65 feet of existing mountable median curb with delineator posts.</p> <p>On east side: remove and replace 98 feet of mountable median curb with delineator posts.</p> <p>On east side: close access point adjacent to tracks at bungalow.</p>

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

August 24, 2018

Page 3

The City will also install Alternative safety Measures (ASMs) at three crossings as described below.

Crossing Number	Railroad Milepost	USDOT Crossing ID Number	Street or Highway Name	Alternative Safety Measures
2	15.942	085629K	E James Street	<p>On east side: remove and replace existing 110 feet of mountable median curb with delineator posts.</p> <p>On west side: replace and extend existing 40 foot mountable median curb with delineator posts to 110 foot total length. Roadways intersects E James Street 15 feet and 30 feet from the grade crossing.</p>
3	16.179	085633A	E Smith Street	<p>On east side: remove and replace 95 feet of mountable median curb with delineator posts.</p> <p>On west side: refresh 56 feet of existing mountable median curb with delineator posts and install 50 feet of new delineator posts on existing median for 106 feet total length. A roadway intersects E Smith Street 17 feet from the grade crossing</p>
5	16.339	085637C	E Gowe Street	<p>On west side: remove and replace 65 feet of existing mountable median curb with delineator posts.</p> <p>On east side: remove and replace 98 feet of mountable median curb with delineator posts. A roadway intersects E Smith Street 30 feet from the grade crossing.</p>

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

August 24, 2018

Page 4

In addition to the Supplemental Safety Measures and Alternative Safety Measures to be installed, 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	14.190	085625H	S 212 Street	<p>Install "No train horn" (W10-9) signs on both approaches.</p> <p>Install "No train horn" (W10-9P) plaque under advanced grade crossing warning sign on side street.</p> <p>Replace existing "Do not stop on tracks" (R8-8) signs on both 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>Install dynamic train envelope pavement markings.</p>
2	15.942	085629K	James Street	<p>Install "No train horn" (W10-9) signs on both approaches.</p> <p>Install "No train horn" (W10-9P) plaque under advanced grade crossing warning sign on side street.</p> <p>Install ADA-compliant detectable warning surfaces on all four pedestrian approaches.</p> <p>Install "Do not stop on tracks" (R8-8) signs on both approaches.</p> <p>Install "Look" (R15-8) signs on the two non-gated pedestrian approaches.</p> <p>Install dynamic train envelope pavement markings.</p>
3	16.179	085633A	Smith Street	<p>Install "No train horn" (W10-9) signs on both approaches.</p> <p>Install "No train horn" (W10-9P) plaques under advanced grade crossing warning signs on side street.</p> <p>Install ADA-compliant detectable warning surfaces on all four pedestrian approaches.</p> <p>Install "Do not stop on tracks" (R8-8) Signs on both approaches.</p>

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

August 24, 2018

Page 5

Crossing Number	Railroad Milepost	USDOT Crossing ID Number	Street or Highway Name	Additional Vehicular and Pedestrian Improvements (Non-SSM)
				<p>Install "Look" (R15-8) signs on the two non-gated pedestrian approaches.</p> <p>Extended pedestrian railing on NE quadrant from back of sidewalk to connect into existing Sound Transit Platform railing.</p> <p>Install dynamic train envelope pavement markings.</p> <p>Install fence on west side of tracks between and Meeker Smith.</p>
4	16.289	085636V	Meeker Street	<p>Install "No train horn" (W10-9) sign on west approach.</p> <p>Install "No train horn" (W10-9P) plaques under advanced grade crossing warning signs on east approach and side streets.</p> <p>Install ADA-compliant detectable warning surfaces on all four pedestrian approaches.</p> <p>Install "Do not stop on tracks" (R8-8) signs on both approaches.</p> <p>Install "Look" (R15-8) signs on the four non-gated pedestrian approaches.</p> <p>Narrow both travel lanes to 12 feet wide.</p> <p>Install fence on west side of tracks between Gowe and Meeker.</p> <p>Install fence on west side of tracks between and Meeker Smith.</p> <p>Install fence in SE quadrant from right-of-way line connecting to corner of BNSF building.</p>
5	16.339	085637C	Gowe Street	<p>Install "No train horn" (W10-9P) plaques under advanced grade crossing warning signs on both approaches and side streets.</p> <p>Install ADA-compliant detectable warning surfaces on all four pedestrian approaches.</p>

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

August 24, 2018

Page 6

Crossing Number	Railroad Milepost	USDOT Crossing ID Number	Street or Highway Name	Additional Vehicular and Pedestrian Improvements (Non-SSM)
				<p>Install "Do not stop on tracks" (R8-8) signs on both approaches.</p> <p>Install "Look" (R15-8) signs on the four non-gated pedestrian approaches.</p> <p>Narrow travel lanes to 12 feet wide.</p> <p>Install painted lines behind cantilever bases to define pedestrian paths.</p> <p>Install fence on west side of tracks between Titus and Gowe.</p> <p>Install fence on NE quadrant from right-of-way line connecting to corner of BNSF building.</p>
6	16.436	085639R	Titus Street	<p>Install "No train horn" (W10-9P) plaques under advanced grade crossing warning signs on both approaches and on side streets.</p> <p>On west side: remove existing mountable median curb with delineator posts and replace with 72 feet of existing mountable median curb with delineator posts.</p> <p>On east side: remove existing median curb with delineator posts and replace with 65 feet of mountable median curb with delineator posts.</p> <p>On west side: close driveway adjacent to crossing gate in northwest quadrant.</p> <p>One east side: relocate Crossbuck (W15-1) and "3 tracks" (W15-2P (3)) sign for westbound traffic to stop line location.</p> <p>Install ADA-compliant detectable warning surfaces on all four pedestrian approaches.</p> <p>Install "Look" (R15-8) signs on the four non-gated pedestrian approaches.</p> <p>Narrow travel lanes to 12 feet wide.</p>

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

August 24, 2018

Page 7

Crossing Number	Railroad Milepost	USDOT Crossing ID Number	Street or Highway Name	Additional Vehicular and Pedestrian Improvements (Non-SSM)
				<p>Close driveway on north side of road between mainlines and industry spur track.</p> <p>Installed "Right Only" (R3-5R) sign for driveway in southeast quadrant.</p> <p>Install fence on west side between Titus and Gowe.</p>
7	16.557	085640K	Willis Street/ State Route 516	<p>Install "No train horn" (W10-9) signs on both approaches.</p> <p>Install "No train horn" (W10-9P) plaques under advanced grade crossing warning signs on side streets.</p> <p>On west side: remove and replace 100 feet of existing mountable median curb with delineator posts.</p> <p>On east side: remove and replace 100 feet of mountable median curb with delineator posts.</p> <p>Install "Do not stop on tracks (R8-8) sign on west approach.</p> <p>Install ADA-compliant detectable warning surfaces on all four pedestrian approaches.</p> <p>Install "Look" (R15-8) signs on all four non-gated pedestrian approaches.</p> <p>Install painted lines behind cantilever bases to define pedestrian paths.</p> <p>Install dynamic train envelope pavement markings</p>
8	17.090	085642Y	S 259 th Street	<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 side street.</p> <p>Install "Do not stop on tracks" (R8-8) signs on both approaches.</p> <p>On east side: install 110 feet of mountable median curb with delineator posts.</p>

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

August 24, 2018

Page 8

Crossing Number	Railroad Milepost	USDOT Crossing ID Number	Street or Highway Name	Additional Vehicular and Pedestrian Improvements (Non-SSM)
				Install "No Truck Parking" signage in NE quadrant.

These improvements will be coordinated with BNSF and the Washington State Utilities and Transportation Commission (UTC) through the UTC's Grade Crossing Modification process.

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

August 24, 2018

Page 9

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

Quiet Zone Name: Kent Washington BNSF 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):

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

Stephen Semenick
Manager Public Projects
BNSF Railway Company
2454 Occidental Ave S, Suite 1a
Seattle, WA 98134

Patrick Sullivan
Superintendent Operations
National Railroad Passenger Corporation (Amtrak)
187 South Holgate Street
Seattle, WA 98134

Weylin Doyle
Commuter Rail Transportation Superintendent
Central Puget Sound Regional Transit Authority (DBA Sound Transit)
401 South Jackson Street
Seattle, WA 98104

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 P. Stewart

FRA Region 8 Grade Crossing Inspector

Federal Railroad Administration

500 E. Broadway, Suite 240

Vancouver, WA 98660

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

August 24, 2018

Page 12

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.

A handwritten signature in blue ink, appearing to read "Rob Brown".

Rob Brown, P.E.

City Traffic Engineer

Enclosure: Notice of Intent Response Form
 BNSF Grade Crossing Exhibits

Date: _____

Return to: Rob Brown, PE
City Traffic Engineer
220 Fourth Avenue South
Kent, WA 98032

SUBJECT: Kent Washington BNSF Mainline Quiet Zone
Notice of Intent to Establish a Railroad Quiet Zone by Public Authority Designation
Title 49 Code of Federal Regulations 222.39 (b) (1)

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

No Comment Comment:

Signature

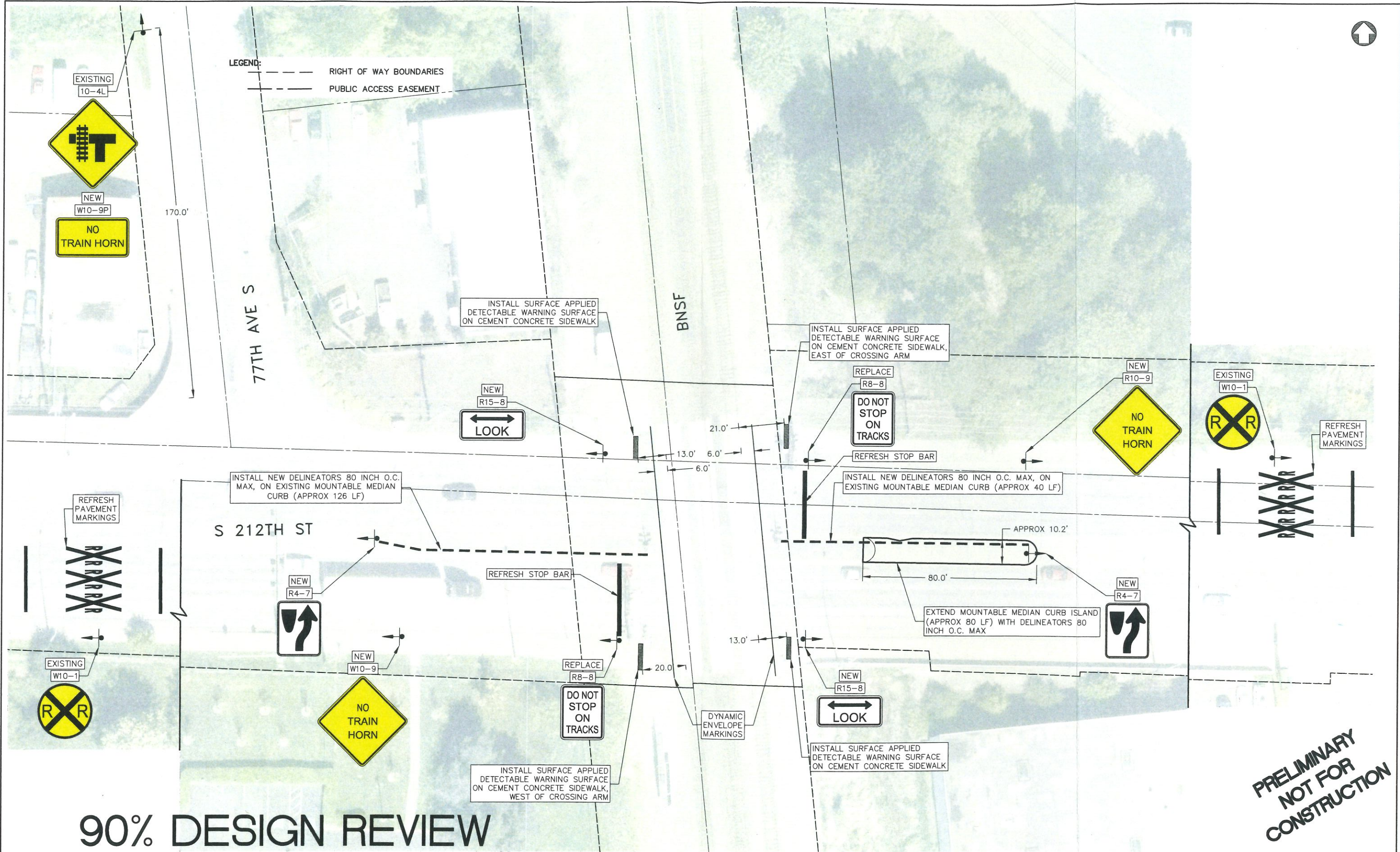
From: (Please Print)

Name

Organization

Address

City, State, Zip Code

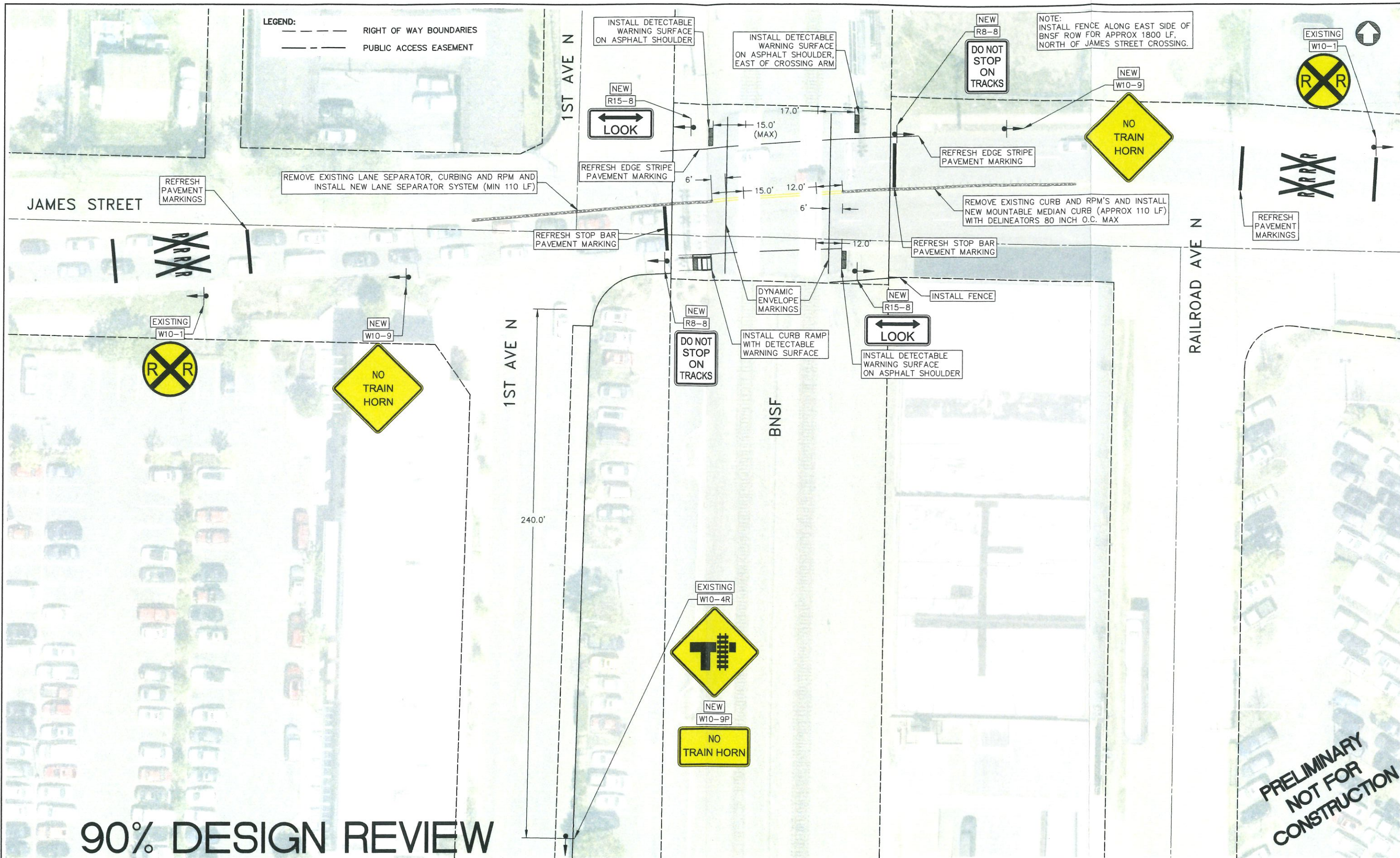


LEGEND:
 - - - RIGHT OF WAY BOUNDARIES
 - - - PUBLIC ACCESS EASEMENT

90% DESIGN REVIEW

**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

NO.	REVISION	BY	DATE	DESIGNED: _____	CHECKED: _____	KENT PROJECT NO. 10-3028	SCALE: HORIZ: NONE VERT: NONE	BAR IS HALF INCH ON ORIGINAL DRAWING ADJUST SCALES ACCORDINGLY 0" 0.5"		RAILROAD QUIET ZONE – CHANNELIZATION City of Kent Public Works Department Engineering Division	GRADE CROSSING IMPROVEMENTS USDOT CIN 085625H BNSF RAILWAY AT S 212TH STREET	SHEET
				DRAWN: _____	PROJECT ENGR. _____	CONST. MGMT. REVIEW _____	DATE 2/14/2018					

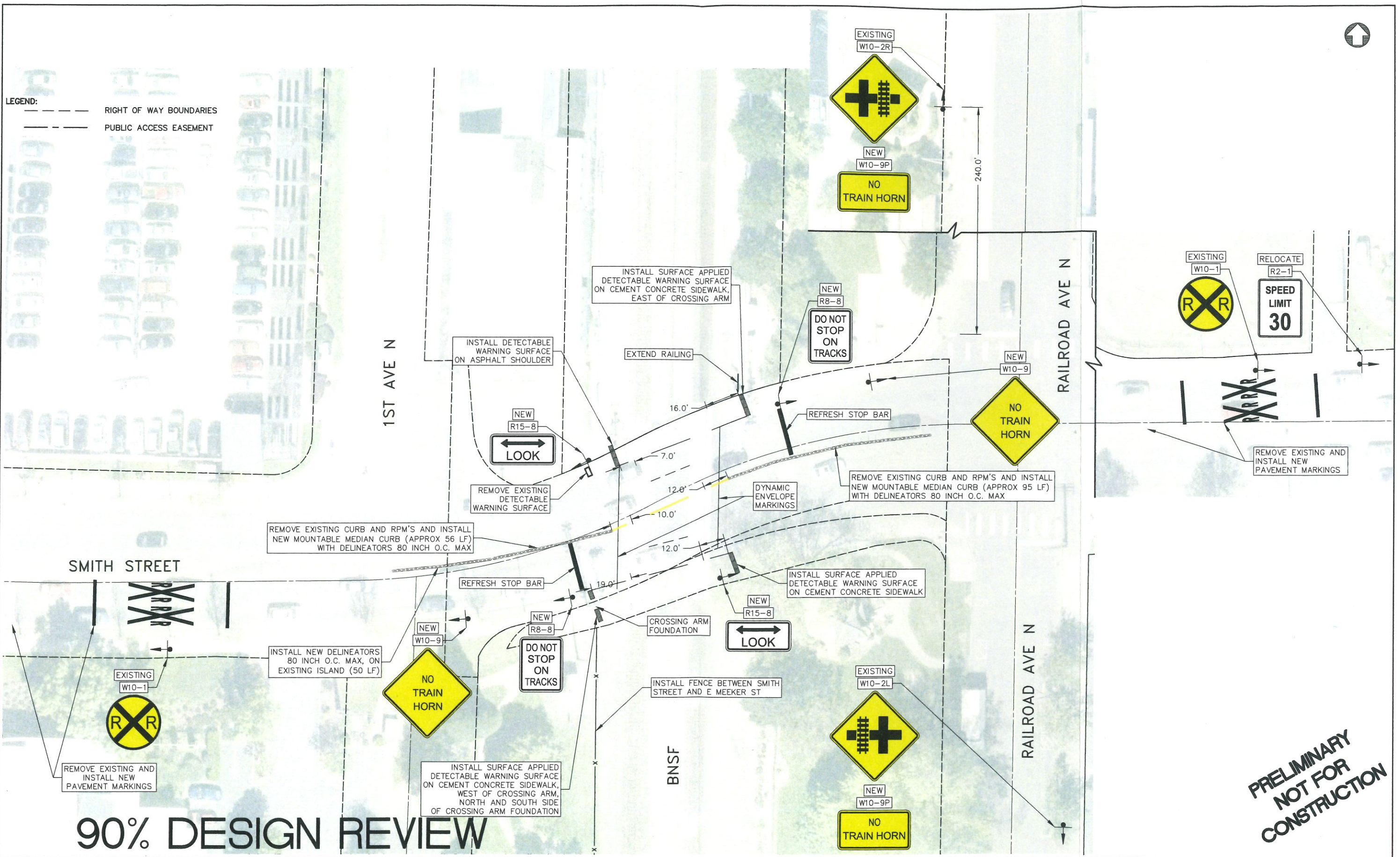


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APPROVED: _____		CITY ENGINEER															
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LEGEND:
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 - - - - - PUBLIC ACCESS EASEMENT

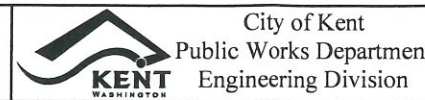


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APPROVED: _____	CITY ENGINEER	DATE 2/14/2018	VERT: NONE

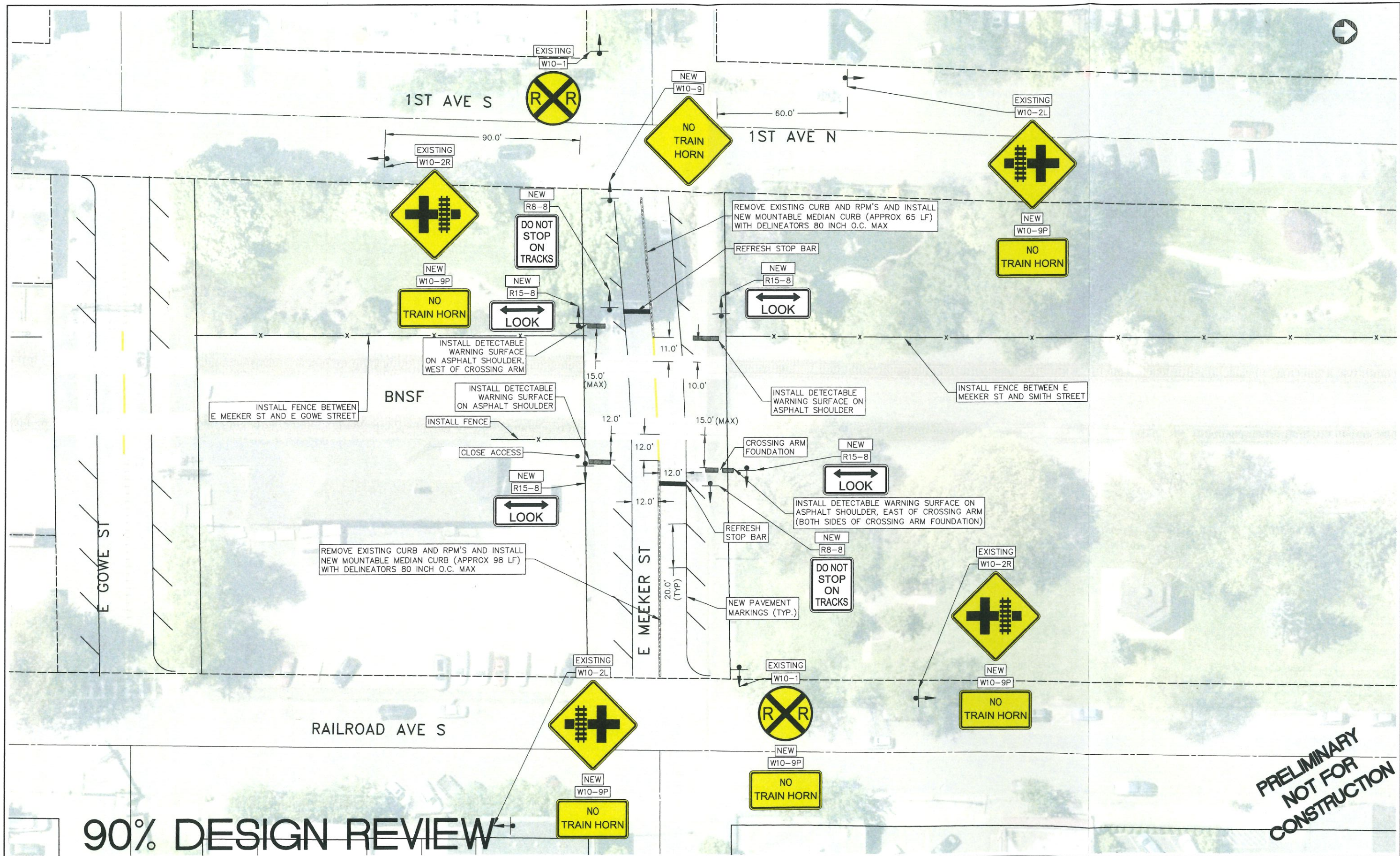
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RAILROAD QUIET ZONE - CHANNELIZATION

**GRADE CROSSING IMPROVEMENTS
 USDOT CIN 085633A
 BNSF RAILWAY AT SMITH STREET**

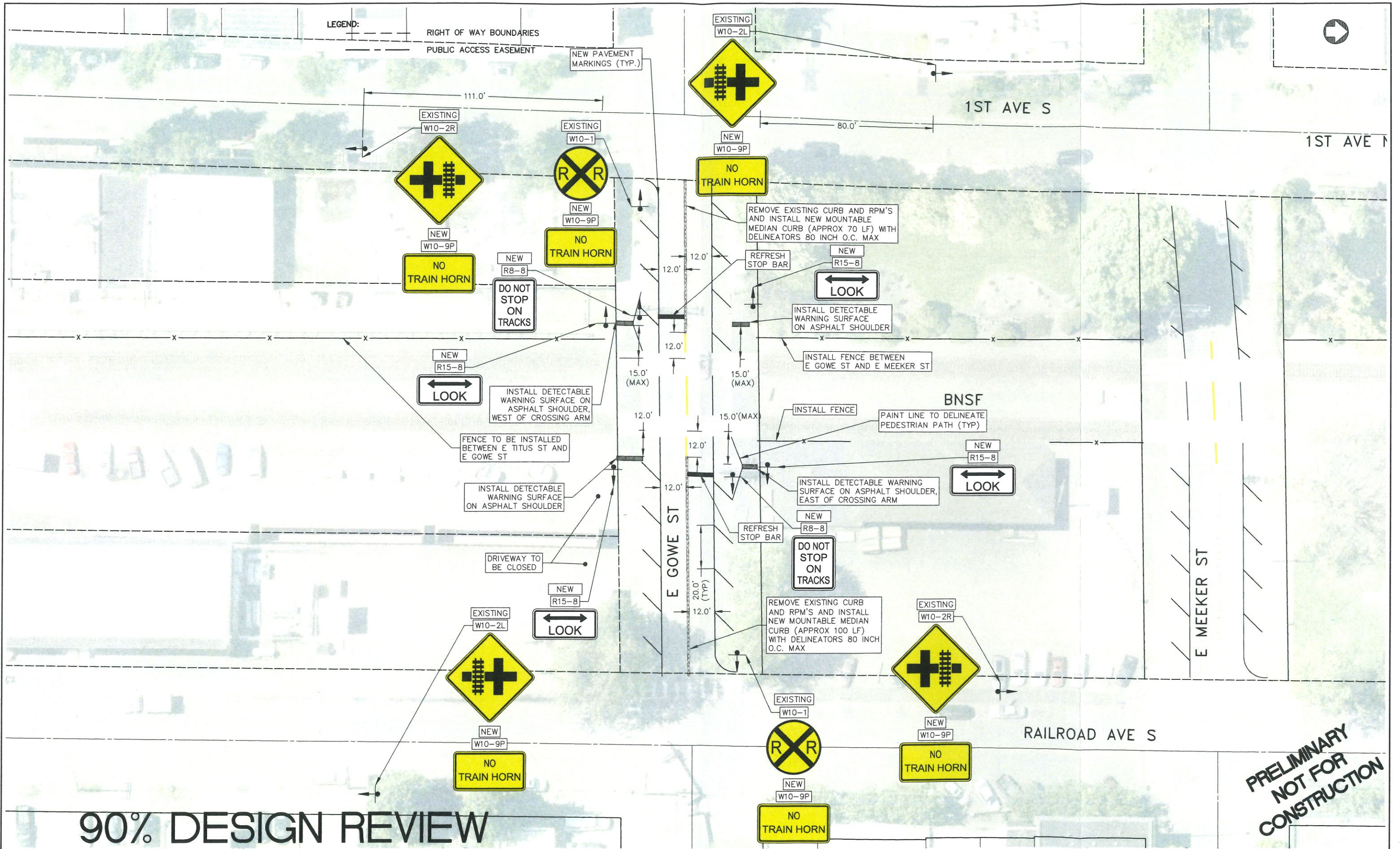
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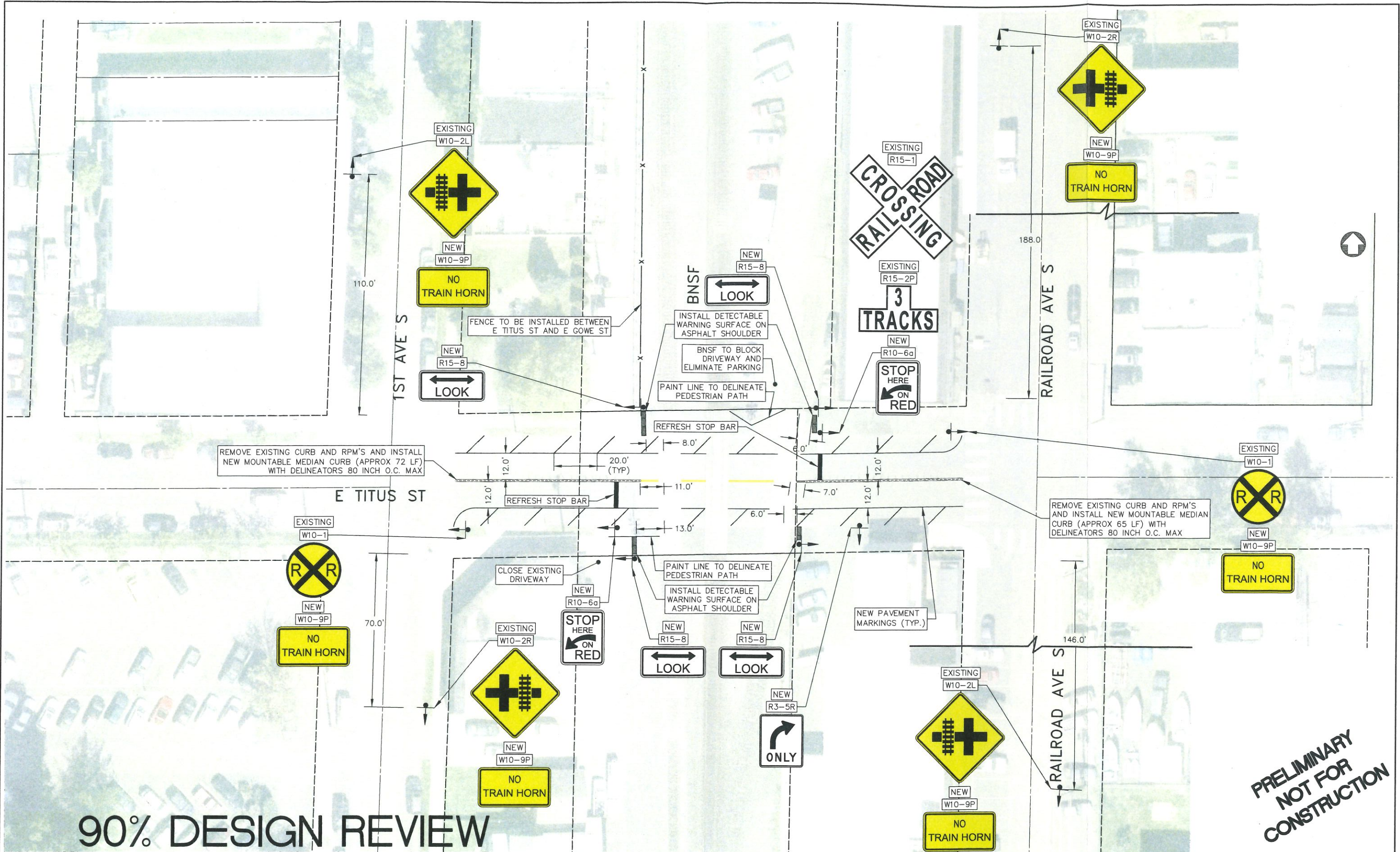
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NO.	REVISION	BY	DATE	APPROVED:	CITY ENGINEER			



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DRAWN:	PROJECT ENGR:	CONST. MGMT. REVIEW	DATE: 2/14/2018	0" 0.5"			APPROVED: _____ CITY ENGINEER	FILE NO.
NO.	REVISION	BY	DATE					

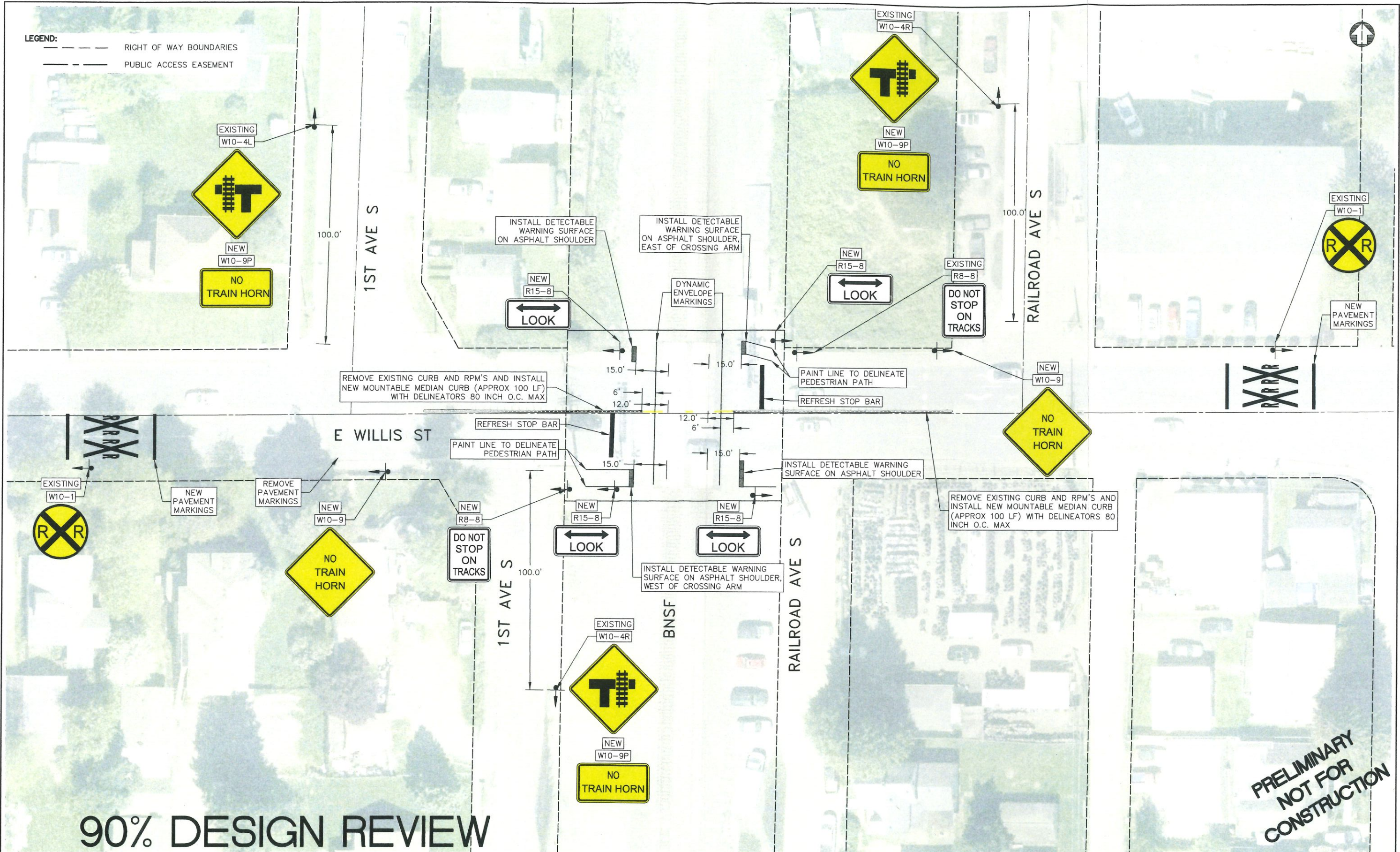


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DRAWN: _____	PROJECT ENGR. _____	CONST. MGMT. REVIEW	HORIZ: NONE					
NO. _____	REVISION _____	BY _____	DATE _____	APPROVED: _____	CITY ENGINEER	DATE 2/14/2018	0" 0.5"	FILE NO.

LEGEND:
 - - - - - RIGHT OF WAY BOUNDARIES
 - - - - - PUBLIC ACCESS EASEMENT



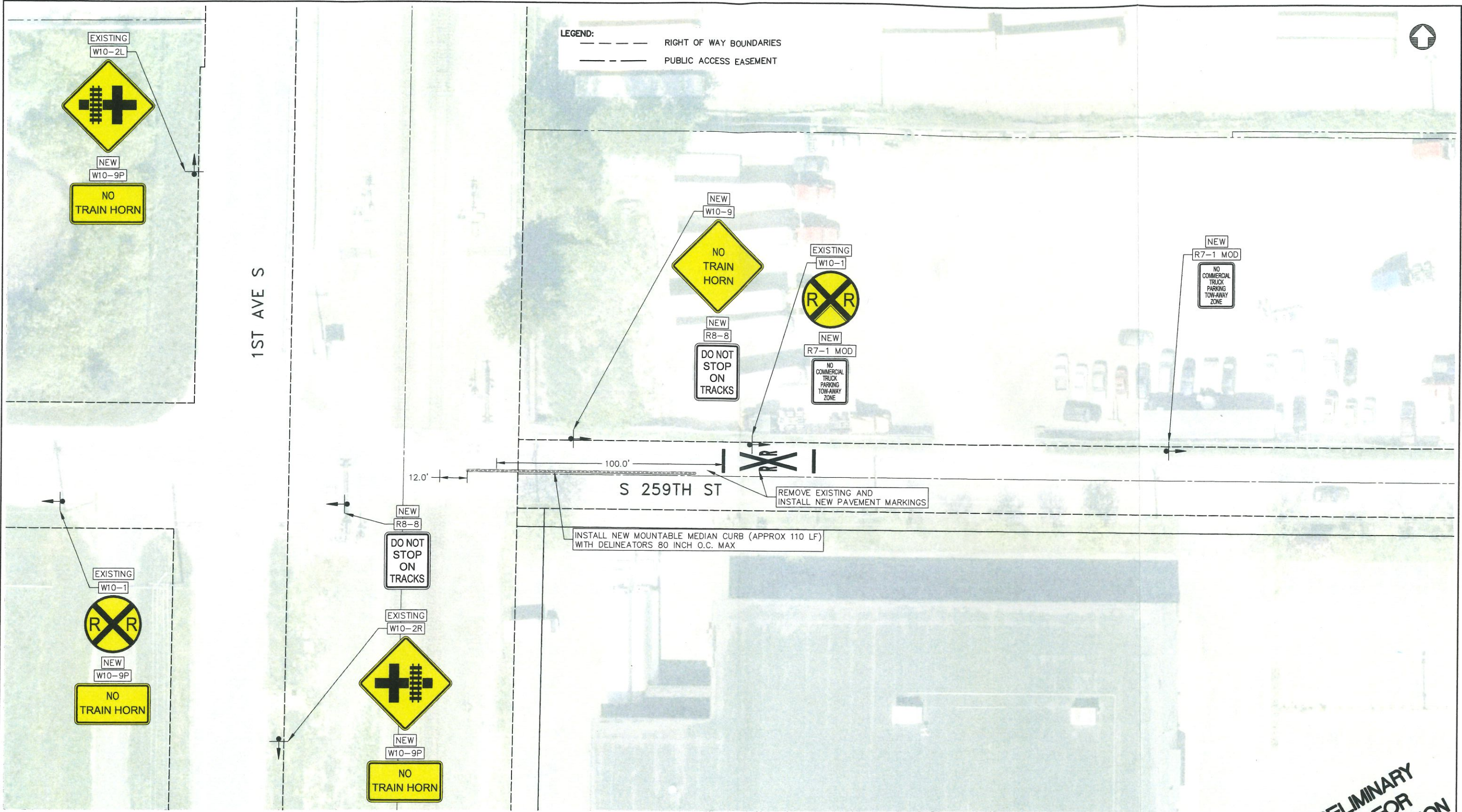
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DESIGNED: _____	CHECKED: _____	KENT PROJECT NO. 10-3028	SCALE: HORIZ: NONE VERT: NONE	BAR IS HALF INCH ON ORIGINAL DRAWING ADJUST SCALES ACCORDINGLY		RAILROAD QUIET ZONE - CHANNELIZATION	GRADE CROSSING IMPROVEMENTS USDOT CIN 085640K BNSF RAILWAY AT E WILLIS STREET	SHEET
DRAWN: _____	PROJECT ENGR: _____	CONST. MGMT. REVIEW	DATE 2/14/2018	0" 0.5"				FILE NO.
NO.	REVISION	BY	DATE	APPROVED: _____ CITY ENGINEER				



LEGEND:
 - - - - - RIGHT OF WAY BOUNDARIES
 - - - - - PUBLIC ACCESS EASEMENT



90% DESIGN REVIEW

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CONSTRUCTION**

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				DRAWN: _____	PROJECT ENGR: _____	CONST. MGMT. REVIEW	HORIZ: NONE					