



## AGENDA ITEM SUMMARY FORM

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**MEETING DATE:** January 25, 2022

**PREPARED BY:** Chris Whittaker

**AGENDA CONTENT:** Angleton Quiet Zone Update

**AGENDA ITEM SECTION:** Regular Agenda

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**BUDGETED AMOUNT:**  
N/A

**FUNDS REQUESTED:**  
N/A

**FUND:** N/A

### EXECUTIVE SUMMARY:

In 2008, the City of Angleton permitted with the Federal Railroad Administration (FRA) and Union Pacific Railroad (UPRR) to establish a City wide Quiet Zone that included six road crossings. These crossing included State Highway 288B (South Velasco), South Anderson Street, East Orange Street, South Downing Street, East Cedar Street, and CR 428 (Buchta Road). Since its establishment, City staff has continued routine maintenance on the safety measures per the approved permit to keep the quiet zone in compliance with its safety measures including remaking pavement stripping, replacing traffic signs, replacing channelization devices, etc. The safety measures existing today are the same safety measurements that existed when the quiet zone was established.

On October 12, 2021, FRA representative, Mr. Ryan Jones, performed a detailed field audit of the six crossings and completed comprehensive review of the documents that establishment the quiet zone in 2008. On October 15, 2021, Mr. Jones contacted HDR about some of the issues found in the field (missing channelization devices) and requested documentation on the establishment of the Quiet Zone in 2008. It appears that the Notice of Intent (NOI) and the Notice of Establishment (NOE) referenced different sections of FRA criteria and needed clarification. HDR responded back with the available information the City had in regards to the documentation for the NOI and NOE and City staff address damaged channelization devices immediately. Documentation of the repairs performed to the identified areas of the quiet zone were provided. This allowed the City to maintain it quiet zone permit for the time being.

FRA and UPRR requested a meeting to go to the site and discuss the deficiencies that were noted in his October 12, 2021 inspection and identify action items required to address them. These meeting were rescheduled several times and where finally held on January 12, 2021. HDR meet with the FRA and UPRR representative and discussed newly identified deficiencies that must be addresses as soon as possible to stay in compliance to the quiet zone permit. After the meeting HDR created 6 exhibits that identify the issues that were discussed (See attachments). Copies of these were sent to the FRA and UPRR representative and they had no additional comment to these improvements.

City staff has ordered the requested signage, which should be delivered by January 28, 2022. City staff should have them installed by February 4, 2021. The City is also coordinating with TxDOT and UPRR on permitting for working in the right of way and Brazoria County for required work on Buchta Road. Updates to Council will follow on these efforts.

On January 18, 2022, a meeting was held with FRA and UPRR representative to discuss what has been done, schedule, and the City's path forward. At this meeting the FRA representative requested the City to perform new traffic counts at crossings, inventory of all measures at crossing sites, and resubmit an Affirmation Letter to the FRA on all crossings. HDR is working on getting these costs and will provide them to Council.

Furthermore, the City is evaluating the possibility of modifying its safety measures from mountable curbs with channelization devices to 10" concrete curbs and resubmitting the NOE to document these changes.

**RECOMMENDATION:** Continuing coordination with all entities and updating council on progress.

Remove all "white" No Train Horn Signs. They are not allowed.

### Posted Speed

Velasco St (288 B) - 35 mph (100' min)

Front St / Kiber St - coming from stop condition (100' min)

Munson St - stop approach, (100' min)

Move advance warning sign (W10-1) with a yellow "no train horn" under it (W10-9P) to bottom of the X on the Paving Marking

Remove & Add W10-4R (36"x36") & add W10-9P (30"x24") (yellow) below it (min 100' in advance of Stop Sign) in front of pole in the grass

Extend Curb on 288B on the driveway (approximately 5') to where there is a solid curb 60' from the crossing arms

Extend mountable curbs and chevrons to a min. 60' from crossing arm

Extend mountable curbs and chevrons to crossing arms

Extend mountable curbs and chevrons to crossing arms

Extend mountable curbs and chevrons to end of paving marking

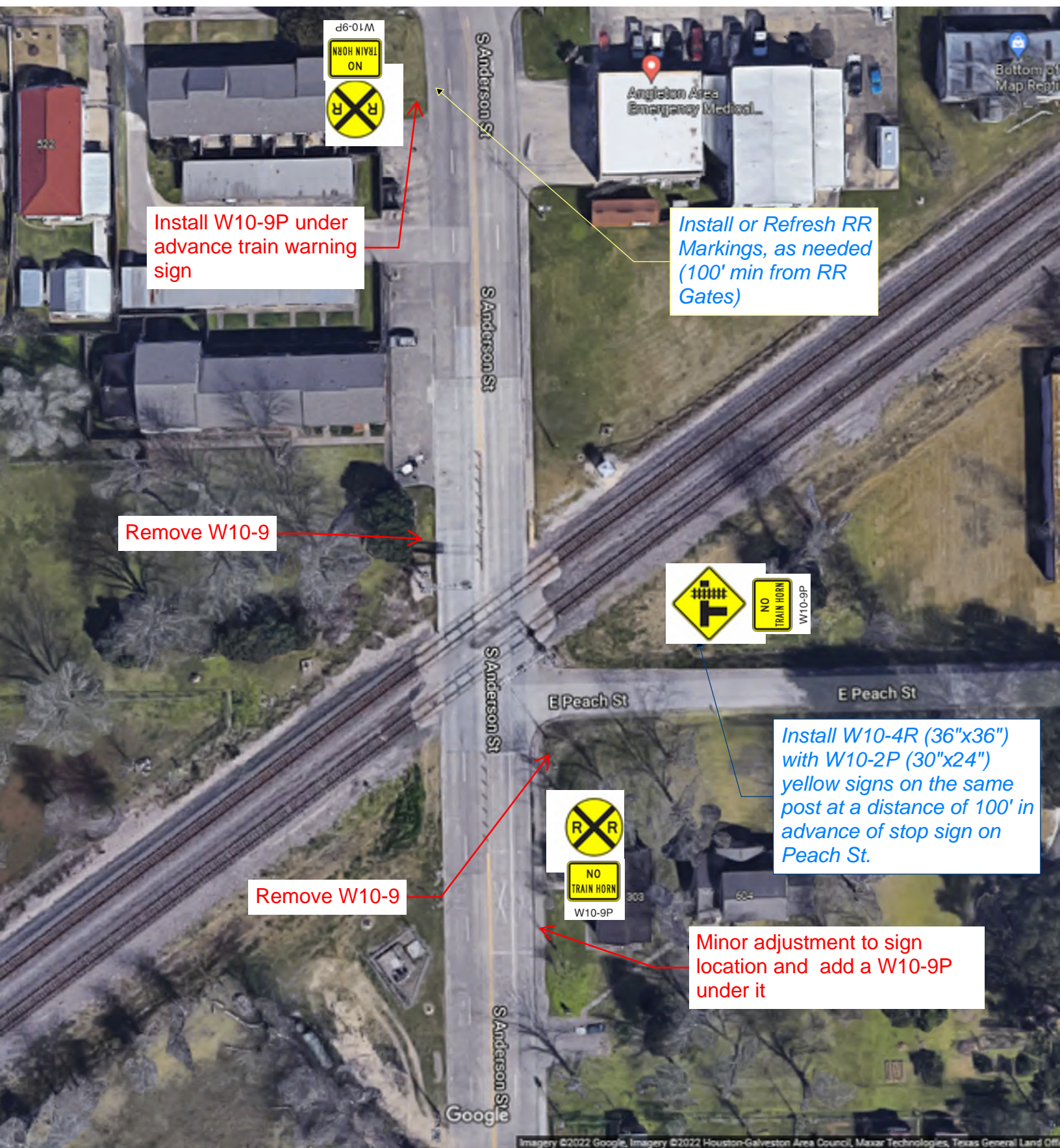
install rail road crossing right turn sign (W10-2R) w/W10-9P

Install W10-2L (36"x36") with W10-9P (30"x24") yellow signs on the same post at a distance of 100' in advance of stop sign on Front/Kiber St

Install W10-1 (36") sign with W10-9P (30"x24") (Yellow) below it on same post, locate at the bottom of the X next to the RR Markings on the south side of Front/Kiber Street







Remove all "white" No Train Horn Signs. They are not allowed.

Posted Speed  
Anderson St - unknown or 25 mph (100' min)  
Peach St - 25mph, (100' min)



Remove Existing W10-1 sign at corner of Mulberry Street

add a W10-9P on existing advance warning sign (W10-1)

Remove existing W10-1 sign and bollards in driveway

W10-4R



Add W10-4R (36"x36") & add W10-9P (30"x24") (yellow) below it (min 100' in advance of Stop Sign) in front of pole in the grass

Add W10-1 (36") & add W10-9P (30"x24") (yellow) below it (min 100' in advance of RR Gate) Refresh RXR markings, if needed. Install sign at bottom of X



W10-1 and W10-9P

Remove old W10-1 sign

Add W10-1 (36") & add W10-9P (30"x24") (yellow) below it (min 100' in advance of RR Gate) Refresh RXR markings, if needed. Install sign at bottom of X

Posted Speed  
Orange St - 30 mph (100' min)  
Rock Island St - not posted (100' min)





Install W10-9P under advance warning sign

Add W10-9P (30"x24") (yellow) below it. Reset sign post. Refresh RXR markings, if needed.

Remove No Train Horn Sign. It is blocking the view of Flashing Lights

Relocate 30 mph sign maybe down stream of XING

Extend Mountable Curb 5'

Replace all missing panels

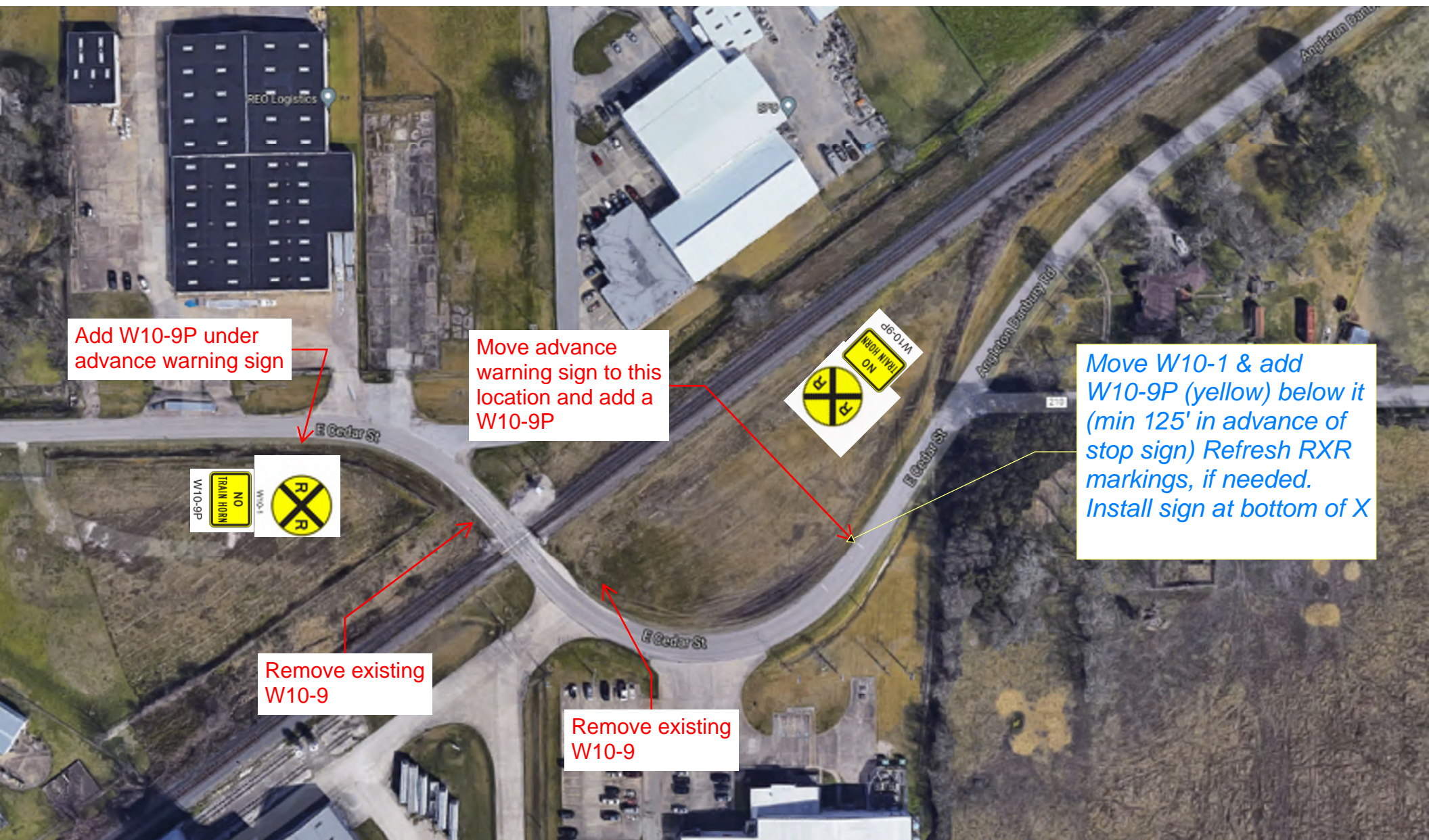
remove W10-9

Install W10-9P

Install RR Markings & W10-1 (36") sign with W10-9P (30"x24") (Yellow) below it on same post at distance of at least 100' from RR XING Stop Bar (refresh)

Posted Speed  
Downing St - 30 mph (100' min)





Add W10-9P under advance warning sign

Move advance warning sign to this location and add a W10-9P

Move W10-1 & add W10-9P (yellow) below it (min 125' in advance of stop sign) Refresh RXR markings, if needed. Install sign at bottom of X

Remove existing W10-9

Remove existing W10-9

Posted Speed  
Cedar St - not posted (100' min)



Move W10-1 & add  
W10-9P below it (might  
need taller post?)  
Place 125' in advance  
of RR gate

W10-9P

Remove and Replace  
all mountable curb  
starting at gates for  
100'

W10-2 with W10-9P

W10-9P  
is the "No Train Horn"  
rectangular plaque  
under the warning  
sign (30"x24")

36"x36"

325'

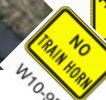
Remove and Replace  
all mountable curb  
starting at gates for  
60'

W10-9P



Move W10-1 & add  
W10-9P below it (100' in  
advance of stop sign) place  
new RXR markings. Install  
sign at bottom of X  
(if W10-1 is not there today,  
add it)

325'



W10-2 with W10-9P

Posted Speed  
Angleton Danbury Rd - 55 mph  
(325')  
Buchta Rd - 40 mph (125')