



LANE TRANSIT DISTRICT BOARD OF DIRECTORS CONTRACT COMMITTEE MEETING

Monday, December 12, 2022
4:00 p.m. – 5:00 p.m.

IN-PERSON & VIRTUAL MEETING

LTD Board Room
3500 E. 17th Avenue, Eugene
(Directions below)

Zoom: Link to watch live and provide public participation provided on the web calendar at www.LTD.org.

Broadcasting: Watch live (no participation) on channel 21 or via link: <https://metrotv.ompnetwork.org/>

No public testimony will be heard at this meeting.

AGENDA

ITEM	Time	Page
I. CALL TO ORDER	4:00 p.m.	
II. ROLL CALL		
<input type="checkbox"/> Vacant (chair) <input type="checkbox"/> Michelle Webber (vice chair) <input type="checkbox"/> Susan Cox		
III. COMMENTS FROM THE CHAIR		
IV. ITEMS FOR ACTION		
V. ITEMS FOR BOARD RECOMMENDATION		
A. CONTRACT NO. 2022-36: BROWN CONTRACTING, INC. [Randi Staudinger, Facilities Project Manager]	4:10 p.m.	2
VI. ITEMS FOR ACTION OR INFORMATION AT A FUTURE MEETING		22
<i>Attached is a list of action, recommendation, or information items that will be included on the agenda for future meetings.</i>		
VII. ADJOURNMENT	4:40 p.m.	
<i>The facility used for this meeting is wheelchair accessible. To request a reasonable accommodation or interpreter, including alternative formats of printed materials, please contact LTD's Administration office no later than 48 hours prior to the meeting at 541-682-5555 (voice) or 7-1-1 (TTY through Oregon Relay).</i>		

LTD Administrative Office: The office is located at 3500 East 17th Avenue (off Glenwood Blvd. in Glenwood). Click [here](#) for a map.

Bus:

From Eugene Station: Take the EmX bus from the LTD Downtown Station and get off at the outbound Glenwood EmX stop (in front of Planned Parenthood). From there walk west to the corner of Franklin Blvd. and Glenwood Blvd. and turn left. Continue walking south on Glenwood Blvd to 17th Avenue and turn left. The building entrance faces 17th Avenue.

From Springfield Station: Take the EmX bus from the Springfield Station and get off at the outbound Glenwood EmX stop (across Franklin Blvd. from Lane Forest Products). From there walk east to the crosswalk to cross Franklin Blvd., proceed south on Glenwood Blvd. Continue walking south on Glenwood Blvd to 17th Avenue and turn left. The building entrance faces 17th Avenue.

Bicycles: There are covered bicycle racks located by the front entrance.

Parking: Parking is available for free in the parking lot at the front of the building on 17th Avenue.



AGENDA ITEM SUMMARY

DATE OF MEETING: December 12, 2022

ITEM TITLE: CONTRACT NO. 2022-36: BROWN CONTRACTING, INC.

PREPARED BY: Randi Staudinger, Facilities Project Manager

DIRECTOR: Joe McCormack, Interim Chief Development Officer

ACTION REQUESTED: Forward to the Board of Directors with a recommendation of approval

Please disclose any actual or potential conflict of interest.

PURPOSE: To authorize the LTD General Manager/Chief Executive Officer to execute a contract with Brown Contracting, Inc. to implement safety improvements along all EmX Corridors.

CONTRACT TYPE: New Contract

REASON FOR CONTRACT TYPE: Construction services recommended for award from a formal Invitation for Bid (IFB). Best contract type for obtaining construction services.

ROLE OF THE BOARD: In accordance with LTD Resolution No. 2021-09-15-048, the Board must review and approve all contracts exceeding \$249,999, and all individual or cumulative contract amendments and change orders that exceed the lesser of \$250,000 or ten-percent (10%) of the initial contract value.

DESCRIPTION:

Project Title: EmX Corridor Safety Measures Implementation

This project consists of construction services for identified safety countermeasure improvements along LTD's three bus rapid transit, EmX Corridors, in Springfield and Eugene. Between 2017 and 2021, there were 249 incidents along the EmX routes including 121 collisions involving an EmX bus and 44 near-miss (hard braking) events. Work under this project will include coordination with the City of Eugene, City of Springfield and ODOT to remove and install pavement markings, replace roadway signs, and install signal modifications.

ORS 279C.800 and the LTD Procurement Policy provides guidance for Public Works Projects to be competitively bid. At the request of LTD Facilities, an IFB was developed by Procurement for this project; which was posted for approximately four (4) weeks resulting in the receipt of one bid in response. The single bid from Brown Contracting, Inc. was identified as responsive and reasonable as low bid. (See Attachment A, 2022-36 Bid Tabulation)

BACKGROUND: In 2007, the Franklin EmX Corridor opened for revenue service using five hybrid-electric buses. LTD was the first transit agency in the country to implement a bus rapid transit (BRT) system. After years of success with the Franklin EmX Corridor, LTD expanded BRT service and opened the Gateway EmX Corridor in 2011. In 2017, the West Eugene EmX Corridor opened for revenue service, connecting the West Eugene, Gateway, and Franklin Corridors with 20 miles of dedicated bus lanes and frequent service.

Key components of a bus rapid transit (BRT) system include dedicated bus lanes, shared Business Access and Transit (BAT) lanes and traffic signal priority. BAT lanes are an innovative way to prioritize transit efficiency while still providing access to local businesses. BAT lanes provide thru movement access for buses and turning movement access for all other vehicles. Through discussions with EmX operators, review of incident videos and field observations, it is apparent that motor vehicle drivers often fail to use the BAT lanes properly and instead make turning movements from the adjacent thru lane across the BAT lane. Driveways with higher vehicle volumes present the most critical safety issues due to the frequency and potential severity of these conflicts.

In August of 2021, LTD pulled together a group of subject matter experts to understand what was causing a high number of safety incidents along the EmX corridors. This group of subject matter experts then developed solutions

that could be implemented to make the EmX Corridors in Springfield and Eugene a safer experience for riders, bus drivers and the general driving public. The group of subject matter experts included LTD's Accident Route Review Committee and Operations leaders, City of Eugene traffic engineers, City of Springfield traffic engineers, PIVOT Architecture, DKS Transportation Engineers and WSP Civil Engineering.

Incident data provided by LTD was analyzed to determine critical locations call "hot spots" as well as system-wide safety concerns along EmX corridors. The hot spots were then evaluated to determine specific safety concerns and contributors to collisions involving an LTD EmX bus. The EmX route was also evaluated as a whole to identify contributors to system-wide collision trends involving EmX buses. The outcome of this collaborative process resulted in a general need to increase public awareness on the usage of BAT lanes by making the BAT lanes more intuitive from a driver standpoint.

The work under this project with Brown Contracting will include changes to pavement markings, simplified and unified roadway signage, signal modifications as well as the use of a red-paint application in the most critical areas of the EmX corridors. (See Attachment B)

FINANCIAL IMPACT/FUNDING SOURCE: The total value of this contract is \$2,020,000. This will be funded utilizing a combination of 5307 and Formula funds, State Lottery Bond funds as well as a general fund match. This project is part of the Frequent Transit Network (FTN) Safety and Amenity Improvements CIP project.

CONSIDERATIONS: LTD's EmX Bus Rapid Transit System is the backbone of our public transportation service, carrying up to 12,000 riders per day. The safety of LTD's passengers, drivers and community is of the utmost importance. The implementation of these safety measures will allow a safer experience for the community and more unified experience throughout each of the three EmX corridors.

ALTERNATIVES:

- Deny approval of the contract with Brown Contracting, Inc. and instead focus on a community-wide campaign on how to properly use BAT lanes. This alternative would likely have a very limited impact as it would not educate visitors to the area, would not reach the entire driving public, and would not educate future residents.
- Deny approval of the contract and put the project out for bid to try to get more bids. Since the striping work is weather dependent, the project could be delayed until Summer 2024.

SUPPORTING DOCUMENTATION:

- 1) Attachment A – 2022-36 Bid Tabulation
- 2) Attachment B – Project Summary

PROPOSED MOTION: I move to forward contract no. 2022-36 to the Board of Directors with a recommendation for approval.

**Lane Transit District
Bid Tabulation Summary**

PROJECT: EmX Corridor Safety Measures Implementation
 BID DATE: November 16, 2022; 2:00 p.m.
 IFB No: 2022-36

Rank	Contractor	Total Bid	% of Low Bid
1	Brown Contracting, Inc.*	\$ 1,923,043.00	100%

*Single Bid Evaluation and Analysis performed

2022-36 Brown Contracting LLC

EmX Corridor Safety Measure Implementation



Lane Transit District

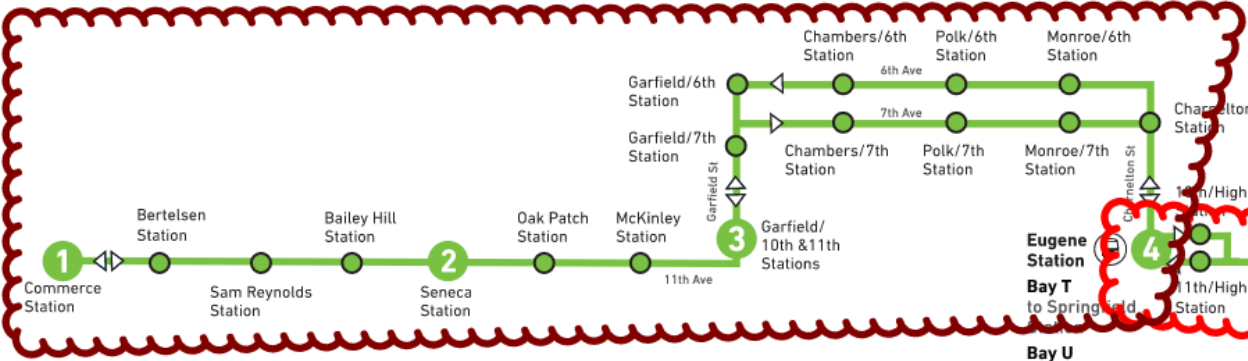
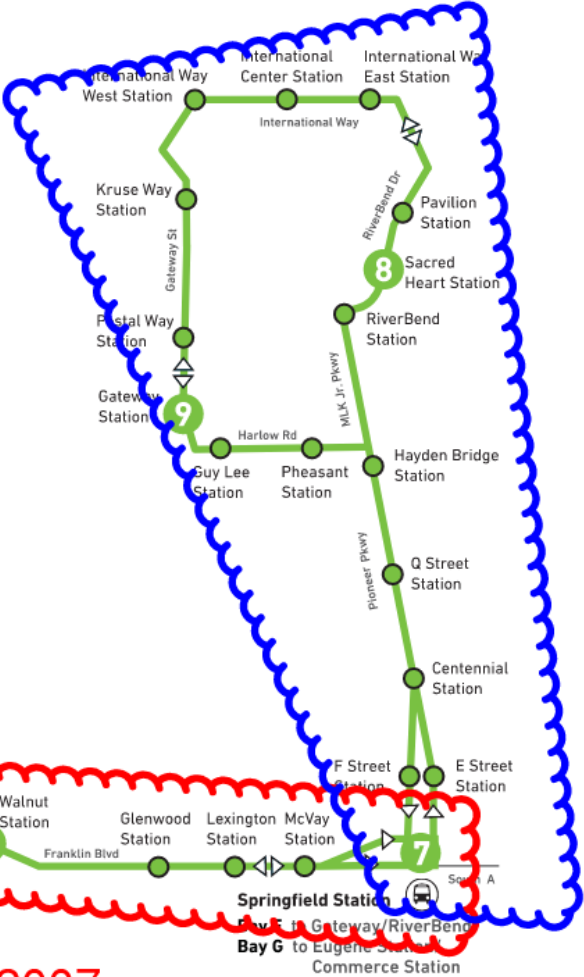
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Gateway 2011

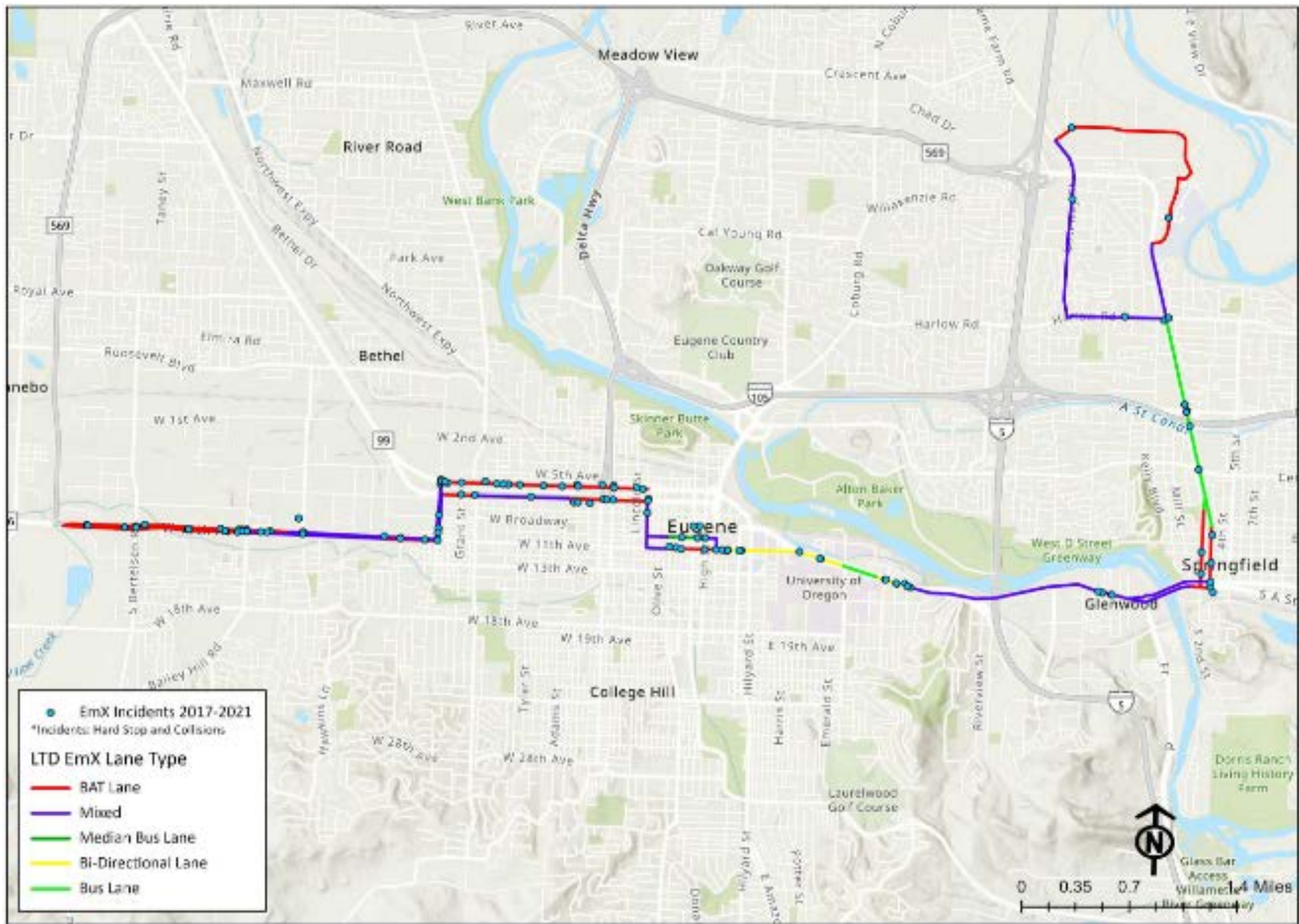


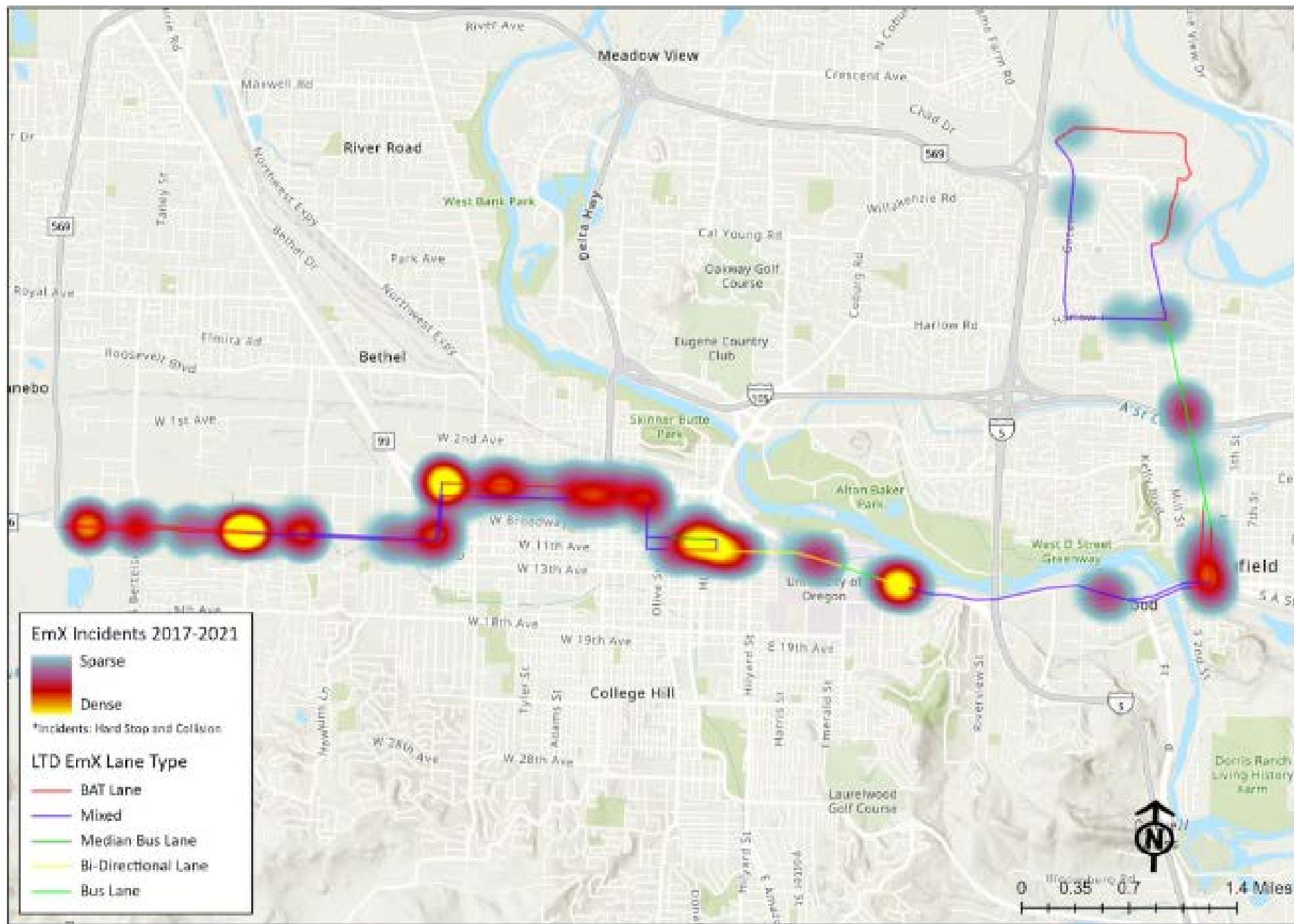
West Eugene 2017



Franklin 2007







HEATMAP OF LTD EMX COLLISIONS & HARD STOPS (2017-2021)

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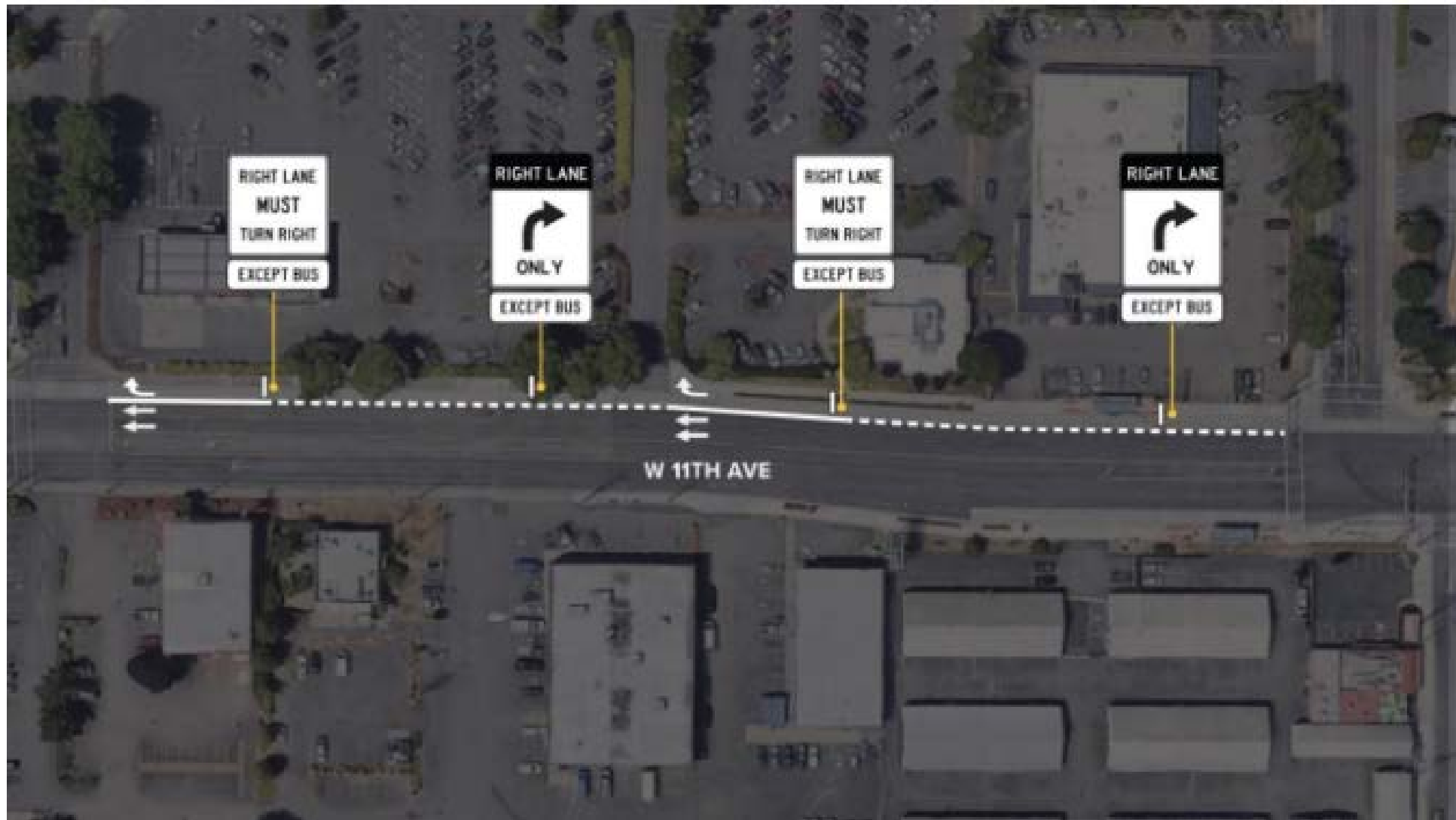




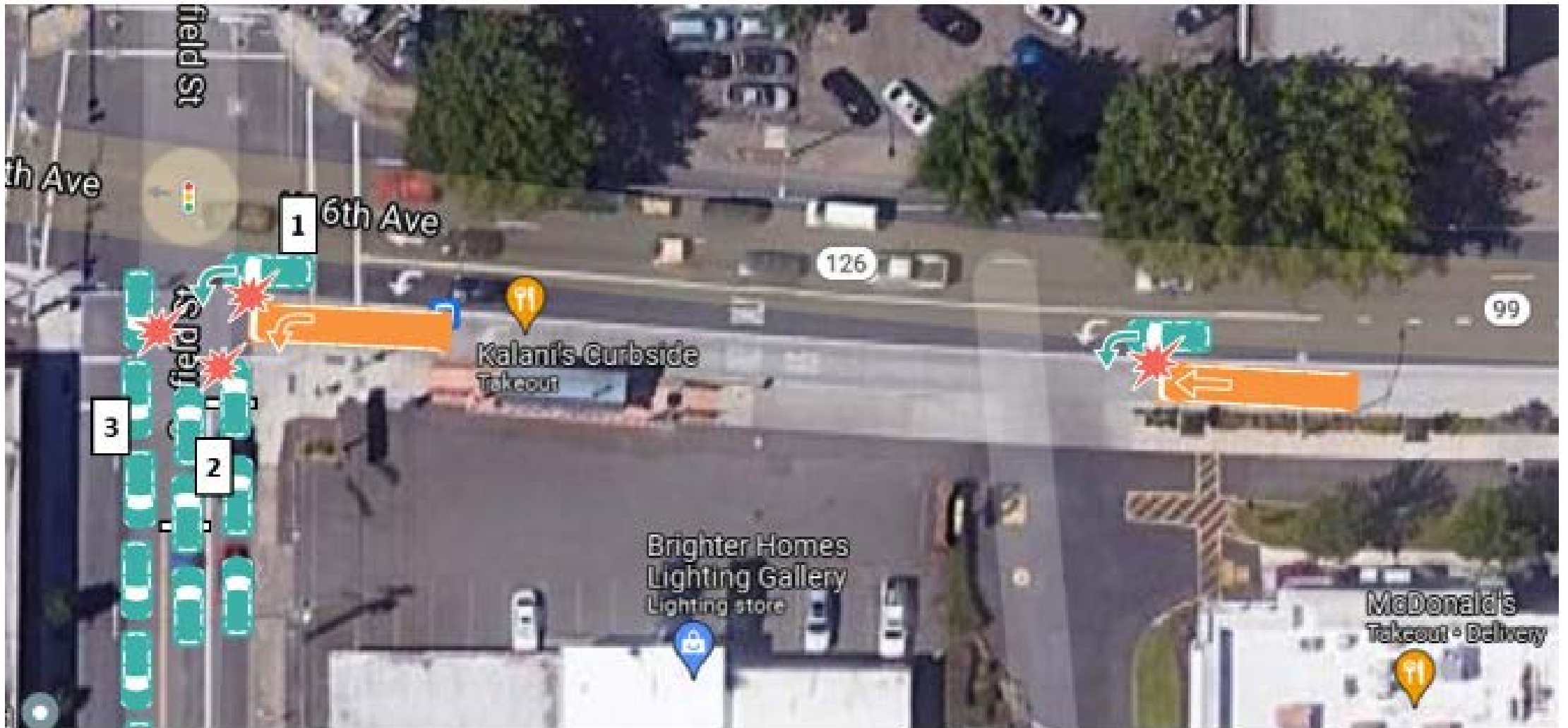
BAT LANE MISUSE NEAR W. 11TH / COMMERCE STREET INTERSECTION



**"BUS ONLY" PAVEMENT
MARKING BELOW "BUS AND RIGHT TURN
ONLY SIGN" ON W 11TH AVE**



EXAMPLE MIDBLOCK BAT LANE TREATMENT INSTALLATION



6TH AVENUE/GARFIELD STREET INTERSECTION CONFLICTS



EXAMPLE TREATMENT INSTALLATION AT 6TH AVE/GARFIELD ST

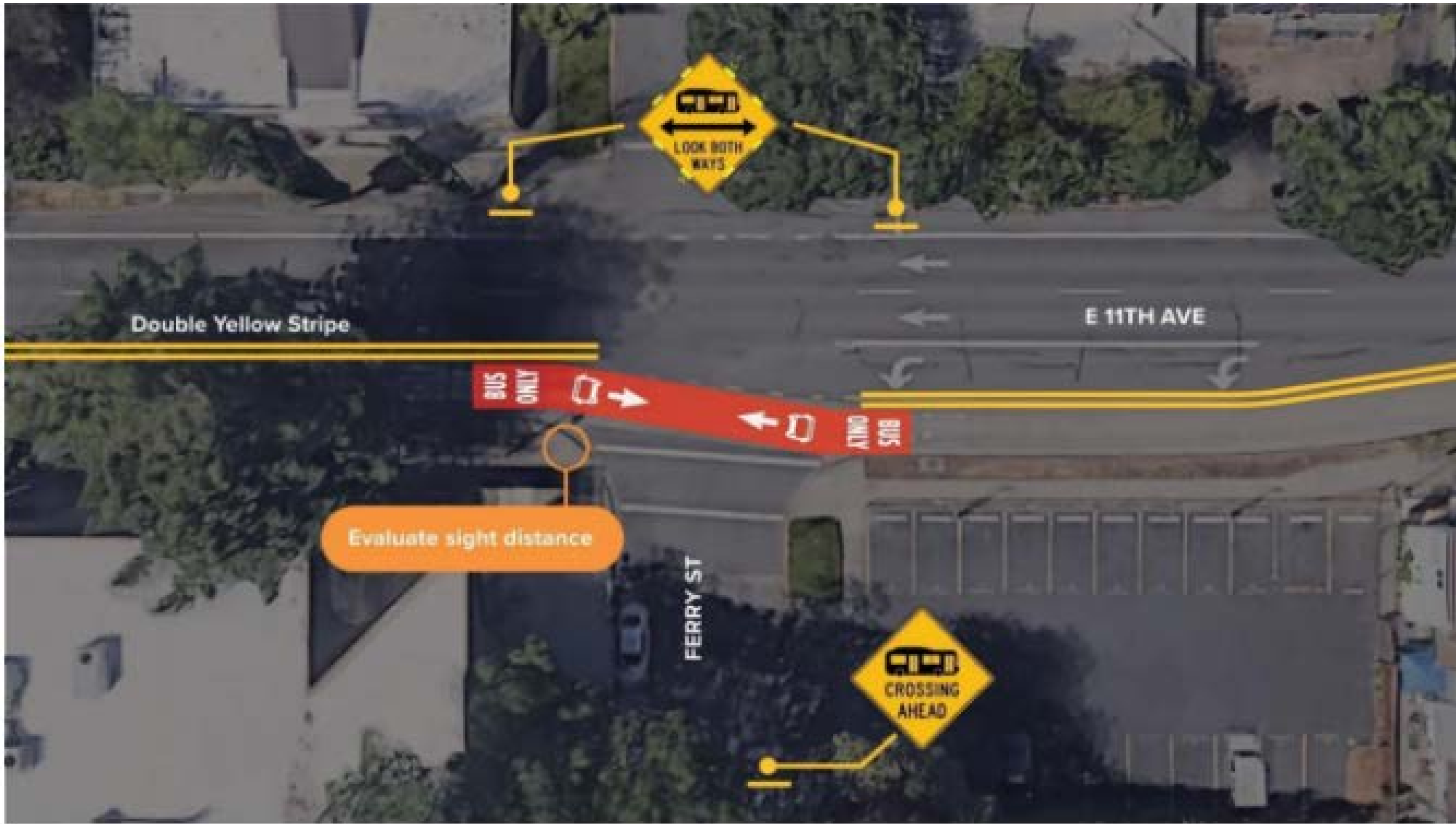


BI-DIRECTIONAL EMX CONFLICT AT E. 11TH / FERRY STREET





STREET VIEW OF NB FERRY ST. AT E. 11TH AVE.



EXAMPLE TREATMENT INSTALLATION AT E 11TH AVE/FERRY ST

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VEHICLE ENCROUCHMENT OF EMX LANE AT FRANKLIN BLVD/13TH AVE



EXAMPLE TREATMENT INSTALLATION AT FRANKLIN BLVD/13TH AVE

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EXAMPLE SIGNALIZED INTERSECTION TREATMENT INSTALLATION (APPLIES TO QUEUE JUMP AS SHOWN OR THROUGH BAT LANE)

EmX Corridor Safety Countermeasures



EMX CORRIDOR SYSTEMWIDE SAFETY COUNTERMEASURES

Questions?



AGENDA ITEM SUMMARY

DATE OF MEETING: December 12, 2022
ITEM TITLE: ITEMS FOR ACTION OR INFORMATION AT A FUTURE MEETING
PREPARED BY: Camille Gandolfi, Clerk of the Board
DIRECTOR: Jameson Auten, General Manager/Chief Executive Officer
ACTION REQUESTED: None. Information Only

PURPOSE: To provide the Committee with a summary of the agenda items coming before them for the coming months.

BOARD COMMUNICATION: This is a reoccurring monthly agenda item.

PUBLIC COMMUNICATION: This is a reoccurring monthly agenda item.

STRATEGIC BUSINESS PLAN: The District's FY22-24 Strategic Business Plan has five strategic areas of focus. These include 1) Customer Satisfaction 2) Employee Engagement 3) Community Value 4) Financial Health 5) Sustainability. Each of these priorities has tactics, milestones, and performance measures to ensure achievability and accountability. All District projects and matters brought before the Board align with one of these five strategic areas of focus.

This agenda item aligns with the strategic area of: Community Value.

DESCRIPTION: Listed below are Action or Information items scheduled to come before the Committee for the next three months.

JANUARY

Action – None.

Board Recommendation

- 2022-56 RideSource Operational Analysis Consultant
- 2022-## Mobile Video Surveillance (Apollo) System
- 2022-52 RideSource Call Center & Service Operation

Information – None.

FEBRUARY

Action – None.

Board Recommendation

- 2022-51 Operations Scheduling Software (Midas Replacement)

Information – None.

MARCH

Action – None.

Board Recommendation – None.

Information – None.