

## Public Open House #2

Draft Design Study Report  
Thursday, August 27<sup>th</sup>, 2020

# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## AGENDA

- Welcome & Introductions
- Sign In
- Meeting Procedures & Etiquette
- Project Presentation
- Q & A
- How to Stay Involved & Submit Comments.



# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## INTRODUCTIONS: PROJECT TEAM

### MOA PM&E

Project Manager: Russ Oswald, PE

Project Administrator: Brooke Blessing

Public Information Officer: Chelsea Ward-Waller

### Design Team – CRW Engineering Group, LLC

Contract Manager: Brendan McKee, PE

Project Manager: Matt Edge, PE

Project Engineer: Erica Jensen, PE

Public Involvement: Holly Spoth-Torres

[www.lois-32ndupgrades.com](http://www.lois-32ndupgrades.com)



Municipality of Anchorage  
Project Management & Engineering Department



# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

SIGN IN -  
(Optional)



# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## MEETING PROCEDURES & ETIQUETTE

- Please keep your microphone muted.
- Please keep your camera turned off.
- You will have the opportunity to provide comments and/or ask questions after the presentation is complete.
- Please use the chat window if you have questions during the presentation.
- Please keep in mind, the meeting and the chat are being recorded.



Municipality of Anchorage  
Project Management & Engineering Department

# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## Project Location





Municipality of Anchorage  
Project Management & Engineering Department



# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## Project Timeline



\* This project is funded through the design study phase.  
No funding for design or construction has been received at this time.

# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## PROJECT PURPOSE AND NEED

- The purpose of the project is to improve non-motorized connectivity on Lois Drive and W. 32<sup>nd</sup> Avenue.
- The project is needed because existing non-motorized facilities are missing, discontinuous, or deteriorated, and the roadway and drainage systems are in poor condition.
- Lois Drive was listed as the Spenard Community Council's highest priority capital project for 2019.

# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## PROJECT AREA CONDITIONS

- ROW Width =
  - 60 to 65 feet on Lois Drive
  - 30 to 60 feet on W. 32<sup>nd</sup> Avenue
- Posted Speed Limit = 25 MPH
- Lois Drive– Neighborhood Collector
  - Traffic Volumes of 2,870 vpd
  - 85<sup>th</sup> Percentile Speed is 29 to 30 mph
- W. 32<sup>nd</sup> Avenue – Local Road
  - Traffic volumes of 1,060 vpd
  - 85<sup>th</sup> Percentile Speed is 24 mph





# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## CONCEPT REPORT DEVELOPMENT

### Public Outreach Events

- Project website ([www.lois-32ndupgrades.com](http://www.lois-32ndupgrades.com))
  - Interactive Map
  - Project Team Contact Information
- Spenard Community Council Presentation (11/06/19)
- Project Mailers (3)
- Project E-Newsletter (3)
- Public Open House #1 (11/13/19)
- Business Stakeholder Meeting (11/14/19)
- Agency Stakeholder Meeting (11/14/19)
- Planning and Zoning Commission Presentation (4/6/20)

# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## STAKEHOLDER INPUT

### Stakeholder Concerns

- Lack of pedestrian facilities
- A one way road on 32<sup>nd</sup> should be evaluated
- Parking/Queuing at Aquarian Charter School
- Speeding
- Loss of landscaping
- Visibility of pedestrians from vegetation and lack of lighting
- Drainage Issues
- Extend improvements on Lois south of 32<sup>nd</sup>.
- Roadway surface conditions / sinkholes

### Stakeholder Support

- Street lighting
- Drainage improvements
- Continuous Pedestrian facilities
- Roadway surface improvements
- On-street parking on 32nd



# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## PROJECT GOALS

The project goals were developed to reconstruct the roadway to:

- Conform to AMC Title 21 and MOA Design Criteria Manual requirements
- Incorporate Complete Streets and Vision Zero objectives
- Address Stakeholder input wherever possible

Improvements evaluated to meet the project goals include:

- Roadway reconstruction and/or resurfacing
- New curbs and storm drain improvements
- Sidewalks and/or pathways
- Street lighting
- Signage and landscaping
- Utility relocation as required due to roadway corridor improvements



# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## SIGNIFICANT DESIGN CHALLENGES

### Limited Right-of-Way

- Only 30-feet of ROW on eastern end of 32<sup>nd</sup> Avenue (at Minnesota Drive)
- Only 30-feet of ROW on Lois Drive to the south of 32<sup>nd</sup> Avenue (matches western edge of ROW to the north)
- Only 30-feet of ROW on 32<sup>nd</sup> Avenue to the west of Lois Drive (matches southern edge of ROW to the east)

### Utilities

- Electrical transmission and distribution poles in the middle of the W. 32<sup>nd</sup> Avenue ROW.

### Parking

- Significant on-street parking usage at Aquarian Charter School during drop off and pickup

# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## ROADWAY ALTERNATIVES

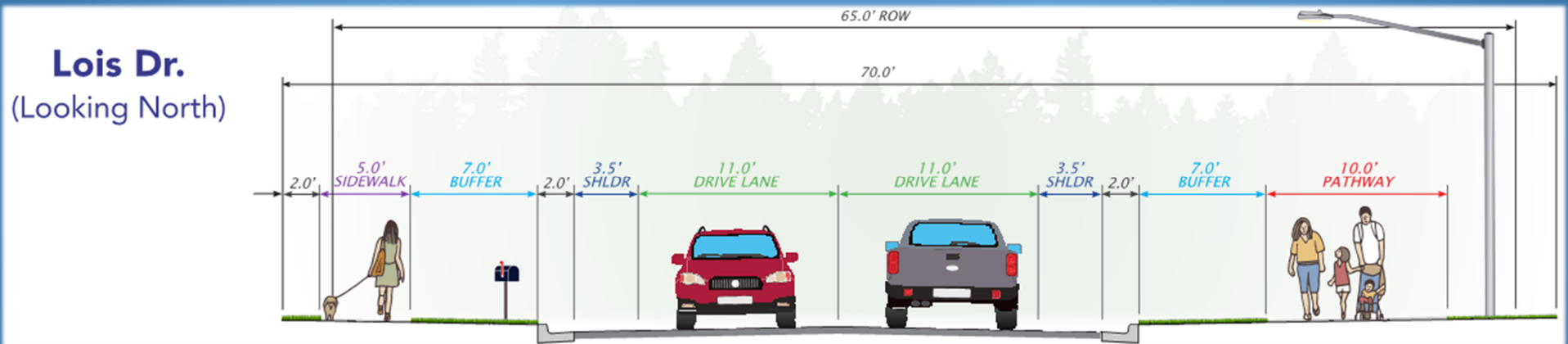
- Four Alternatives were developed for each roadway
  1. Alternative 1 – Fully compliant with MOA Title 21 and MOA Design Criteria Manual (7' wide snow storage buffers behind curb)
  2. Alternative 2 – Narrower buffers to keep cross section within available Public Right-of-Way (ROW)
  3. Alternative 3 – Remove buffers and shift roadway to minimize impacts to adjacent property, utilities, and other existing features.
  4. Alternative 4 – Pathway Only
- Three Alternatives were developed for the intersection of Lois Drive and W. 32<sup>nd</sup> Avenue
  1. Shift north and east legs to line up with ROW on south and west legs.
  2. Shift south and west legs to line up with ROW on north and east legs
  3. Construct a roundabout northeast of the existing intersection.
- Roadway and intersection alternatives can be mixed for final preferred alternative.

# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## LOIS DRIVE – ALTERNATIVE 1

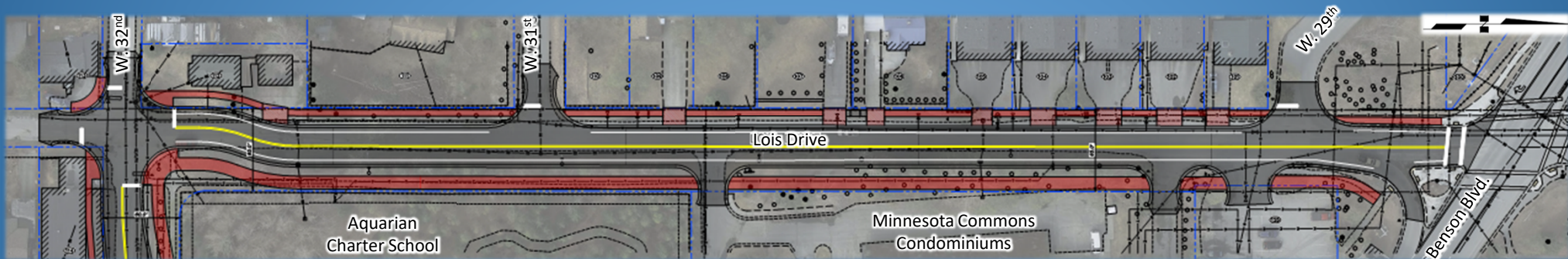
- Includes pathway and sidewalk
- 7' snow storage buffer
- 11-foot wide vehicle lanes
- Street lights
- Requires ROW acquisition
- AMC Title 21 & MOA DCM Compliant



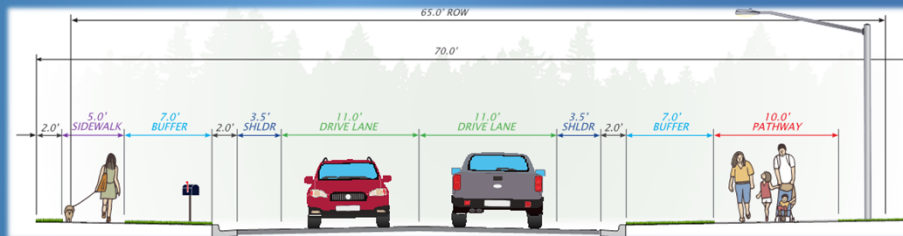
# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## LOIS DRIVE – ALTERNATIVE 1, WITH INTERSECTION #1



Plan View



- Includes pathway and sidewalk
- 7' snow storage buffer
- 11-foot wide vehicle lanes
- Street lights
- Requires ROW acquisition
- AMC Title 21 & MOA DCM Compliant

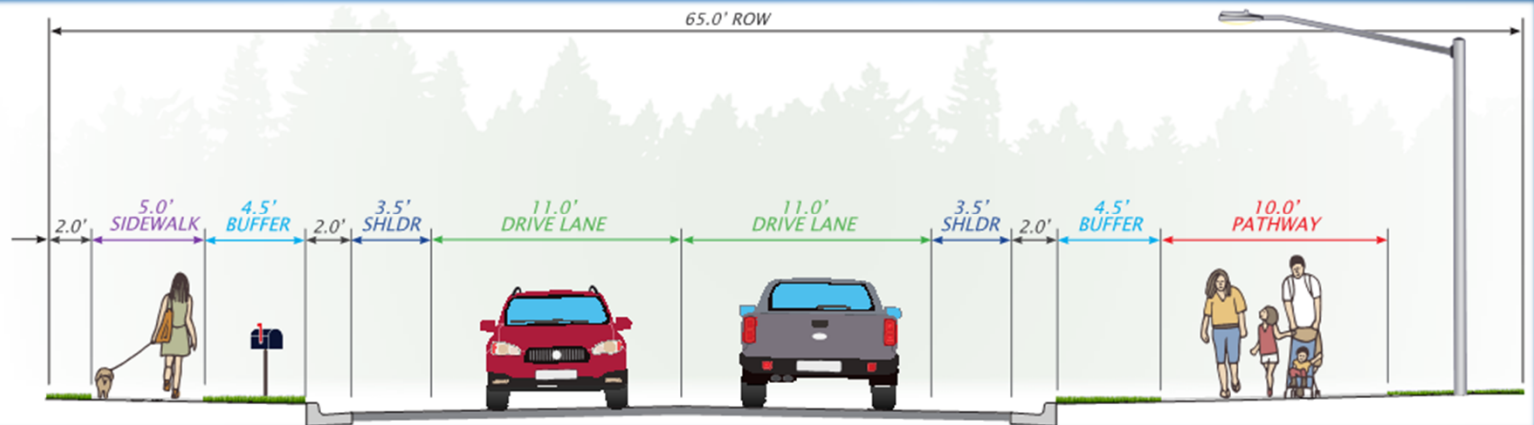
# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## LOIS DRIVE – ALTERNATIVE 2

- Includes pathway and sidewalk
- Narrower snow storage buffer
- 11-foot wide vehicle lanes
- Street lights
- Does not require ROW acquisition
- AMC Title 21 Compliant
- Will require approval of variance to MOA DCM

**Lois Dr.**  
(Looking North)

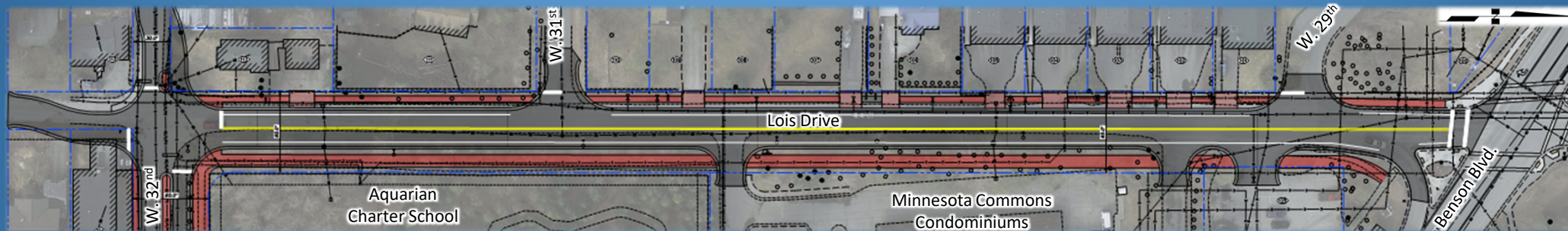




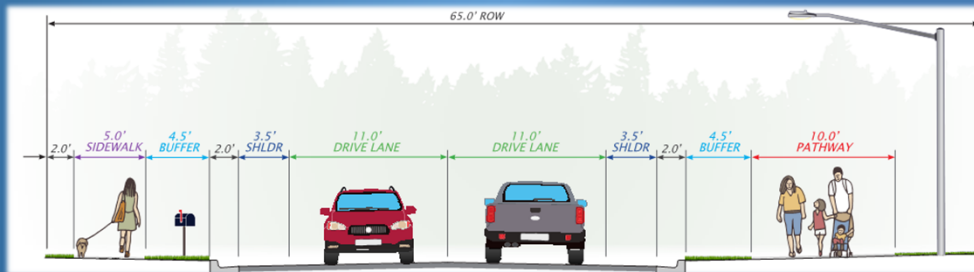
# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## LOIS DRIVE – ALTERNATIVE 2, WITH INTERSECTION #2



### Plan View



- Includes pathway and sidewalk
- Narrower snow storage buffer
- 11-foot wide vehicle lanes
- Street lights
- Does not require ROW acquisition
- AMC Title 21 Compliant
- Will require approval of variance to MOA DCM

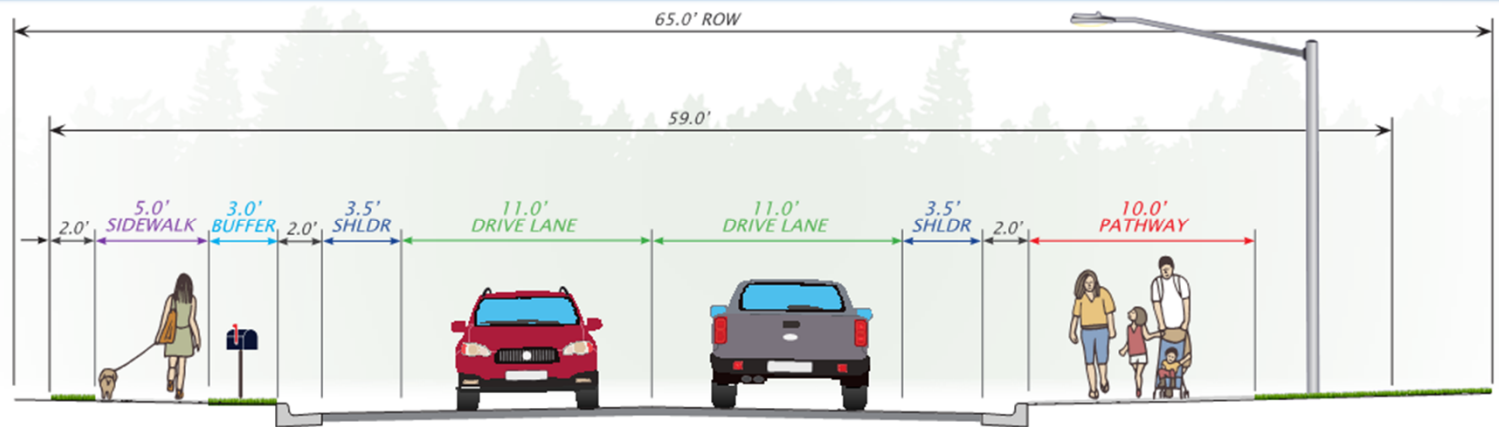
# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## LOIS DRIVE – ALTERNATIVE 3

- Includes pathway and sidewalk
- Buffer on one side for mailboxes
- 11-foot wide vehicle lanes
- Street lights
- Does not require ROW acquisition
- Will require approval of variance to AMC Title 21 and MOA DCM

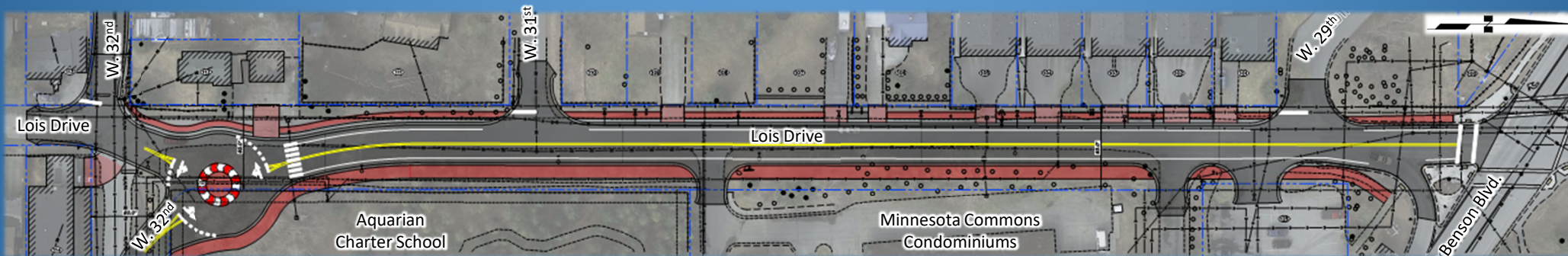
**Lois Dr.**  
(Looking North)



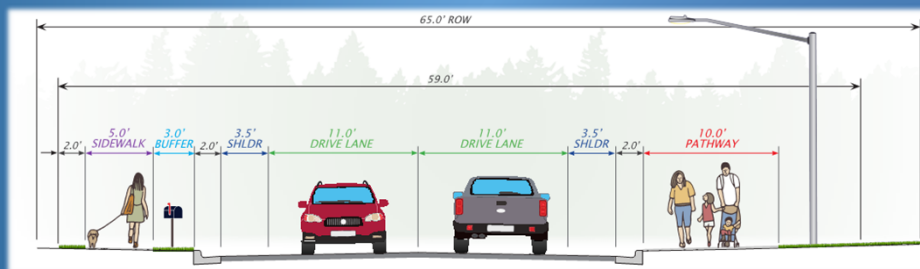
# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## LOIS DRIVE – ALTERNATIVE 3, WITH INTERSECTION #3



### Plan View



- Includes pathway and sidewalk
- Buffer on one side for mailboxes
- 11-foot wide vehicle lanes
- Street lights
- Does not require ROW acquisition
- Will require approval of variance to AMC Title 21 and MOA DCM

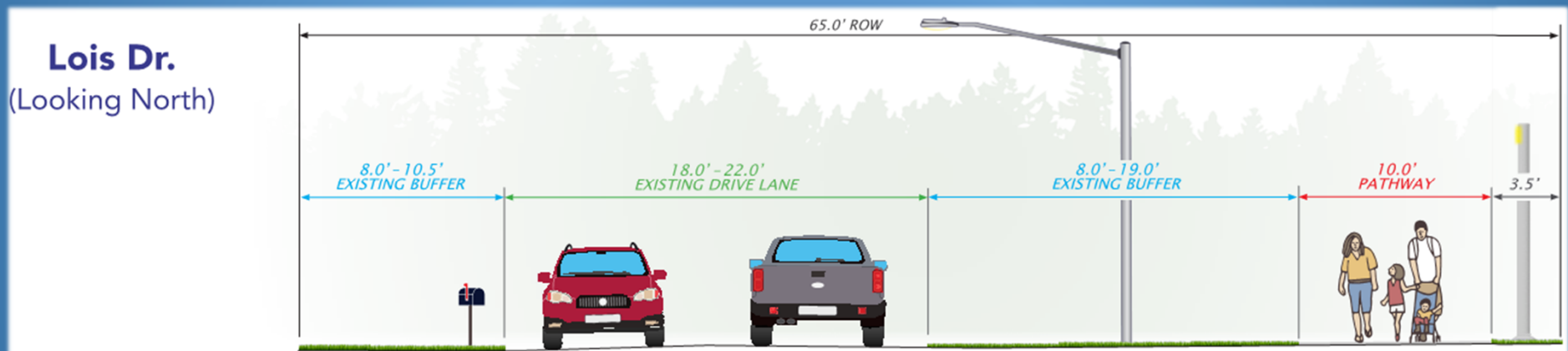


# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## LOIS DRIVE – ALTERNATIVE 4

- Pathway on east side only
- Pedestrian level lighting
- Existing snow storage buffer
- Does not require ROW acquisition



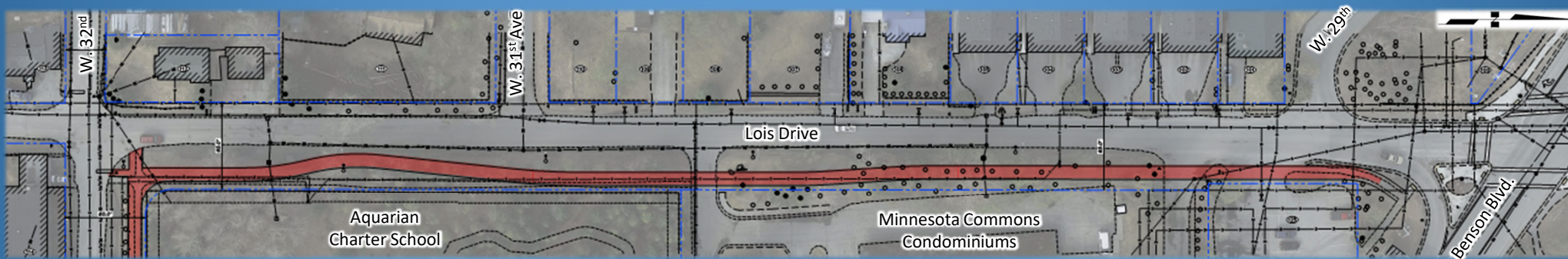


Municipality of Anchorage  
Project Management & Engineering Department

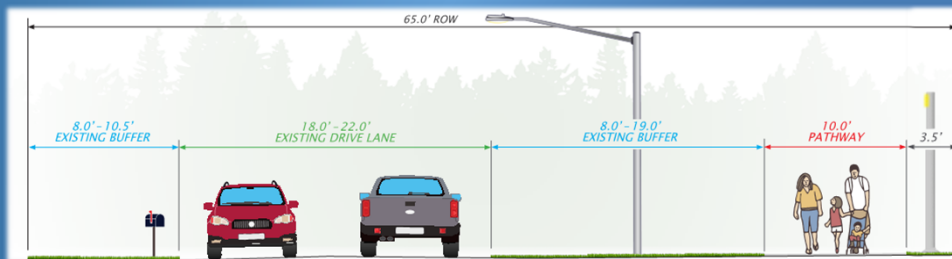
# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## LOIS DRIVE – ALTERNATIVE 4



### Plan View



- Pathway on east side only
- Pedestrian level lighting
- Existing snow storage buffer
- Does not require ROW acquisition

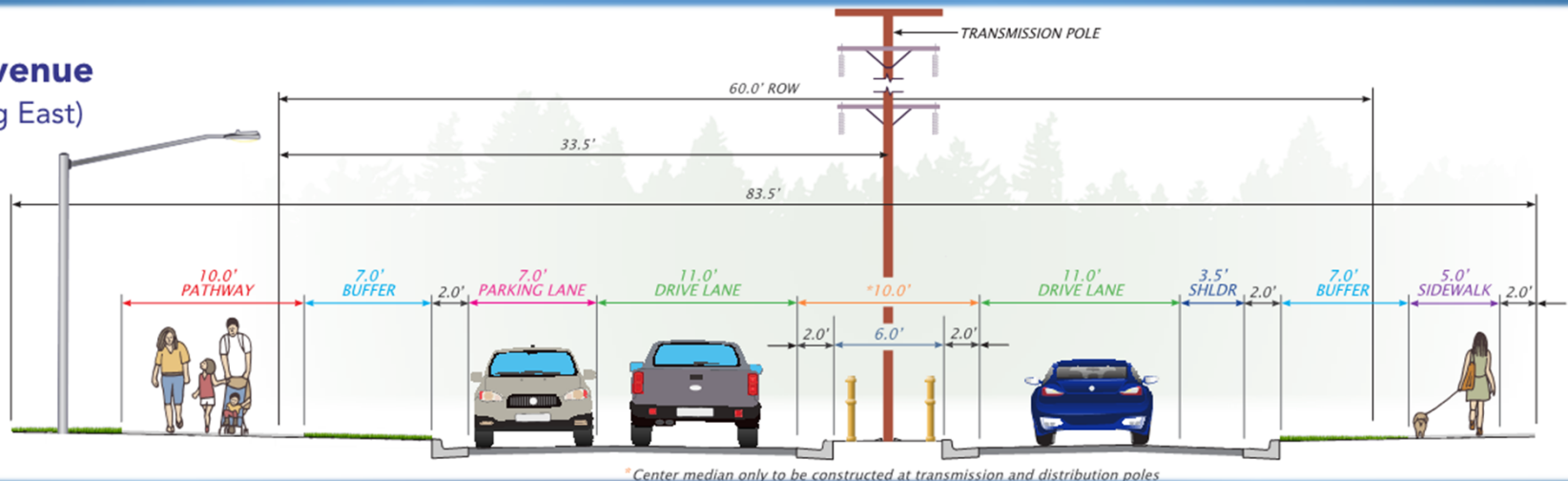
# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## 32<sup>ND</sup> AVENUE – ALTERNATIVE 1

- Includes pathway and sidewalk
- 7' snow storage buffer
- 11-foot wide vehicle lanes
- Street lights
- Median Buffers
- On-street Parking
- Requires ROW acquisition
- AMC Title 21 & MOA DCM Compliant

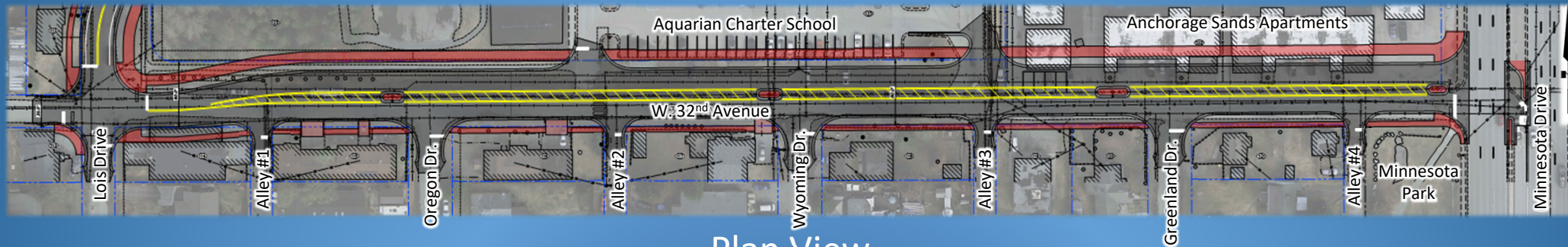
**32<sup>nd</sup> Avenue**  
(Looking East)



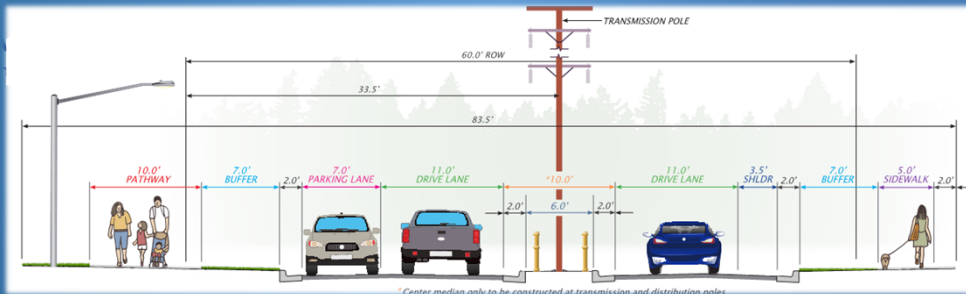
# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## 32<sup>ND</sup> AVENUE – ALTERNATIVE 1, WITH INTERSECTION #1



Plan View



- Includes pathway and sidewalk
- 7' snow storage buffer
- 11-foot wide vehicle lanes
- Street lights
- Median Buffers
- On-street Parking
- Requires ROW acquisition
- AMC Title 21 & MOA DCM Compliant





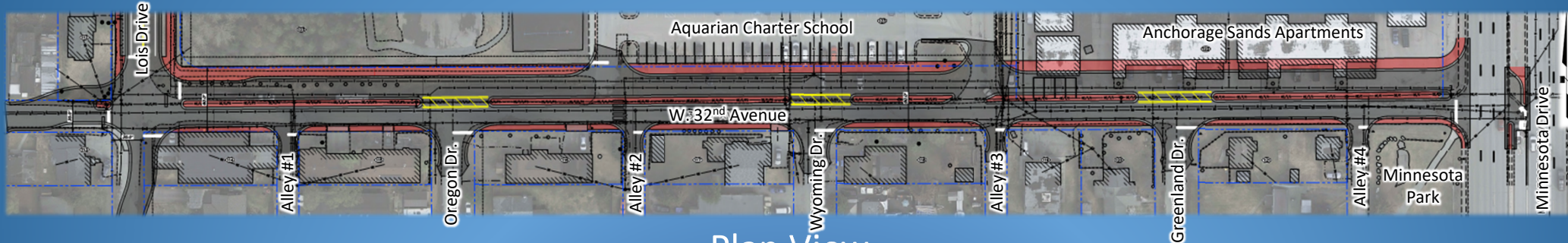
# 32<sup>ND</sup> AVENUE – ALTERNATIVE 2

- Includes pathway and sidewalk
- No snow storage buffer
- 11-foot wide vehicle lanes
- Street lights
- Median Buffers
- On-street Parking
- Requires ROW acquisition
- Will require approval of variance to AMC Title 21 and MOA DCM

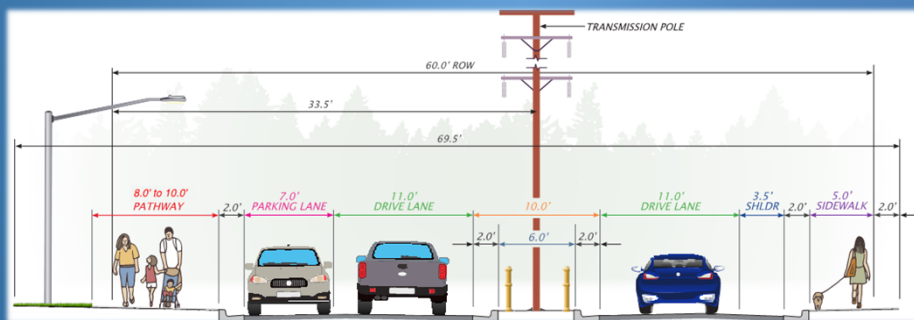
# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## 32<sup>ND</sup> AVENUE – ALTERNATIVE 2, WITH INTERSECTION #2



Plan View



- Includes pathway and sidewalk
- No snow storage buffer
- 11-foot wide vehicle lanes
- Street lights
- Median Buffers
- On-street Parking
- Requires ROW acquisition
- Will require approval of variance to AMC Title 21 and MOA DCM

# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

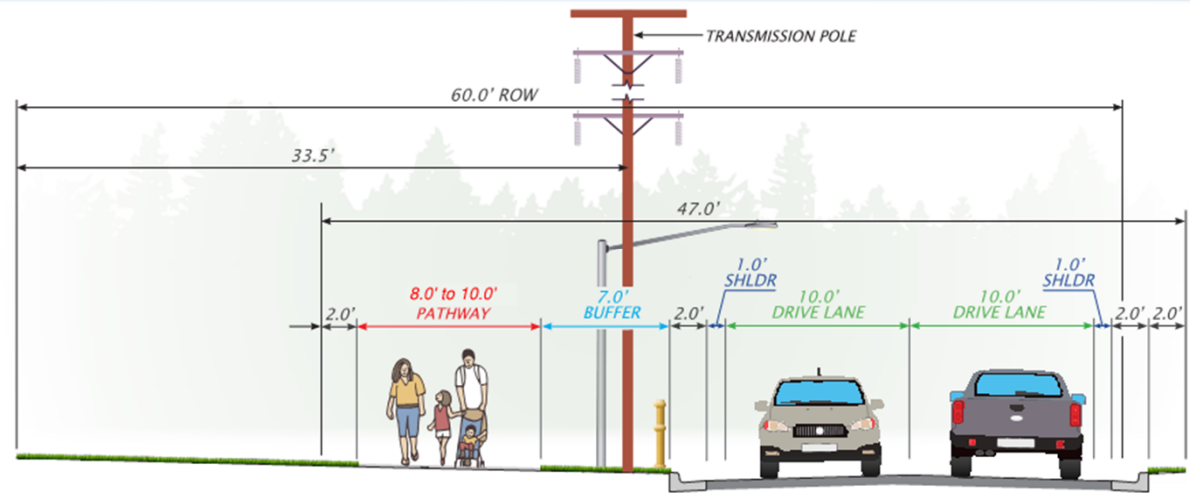
BENSON BOULEVARD TO MINNESOTA DRIVE

## 32<sup>ND</sup> AVENUE – ALTERNATIVE 3A

- Includes pathway on north side
- Buffer for power poles and snow storage
- Street lights
- 10 foot vehicle lanes
- No on-street Parking
- No ROW acquisition on western end
- Will require approval of variance to AMC Title 21 and MOA DCM

### 32<sup>ND</sup> Avenue Alternative 3A – West End (Looking East)

*Alternative 3A would be constructed  
along the west end of 32<sup>nd</sup> Avenue  
(along Aquarian Charter School)*



# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

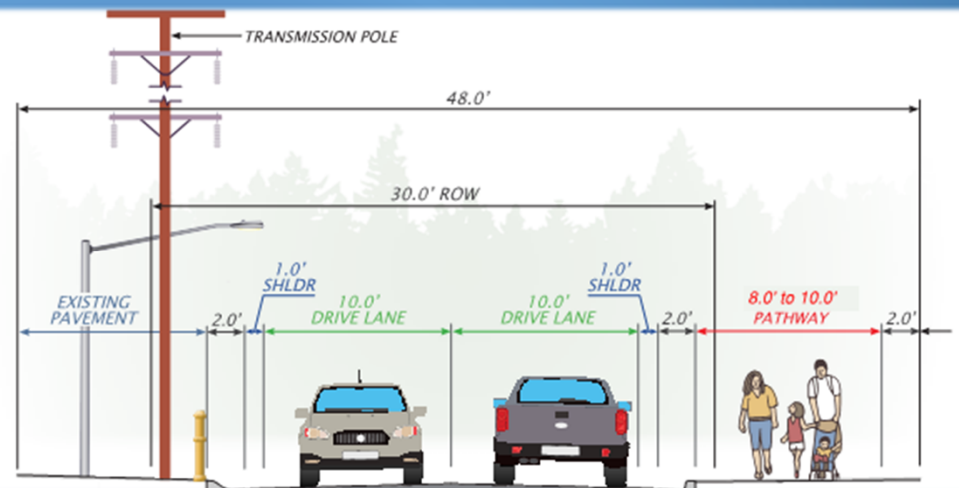
BENSON BOULEVARD TO MINNESOTA DRIVE

## 32<sup>ND</sup> AVENUE – ALTERNATIVE 3B

- Includes pathway on south side
- No snow storage buffer
- Street lights
- 10 foot vehicle lanes
- No on-street Parking
- ROW acquisition required on eastern end
- Will require approval of variance to AMC Title 21 and MOA DCM

### 32<sup>nd</sup> Avenue Alternative 3B – East End (Looking East)

*Alternative 3B would be constructed along the east end of 32<sup>nd</sup> Avenue (along Anchorage Sand Apartments)*

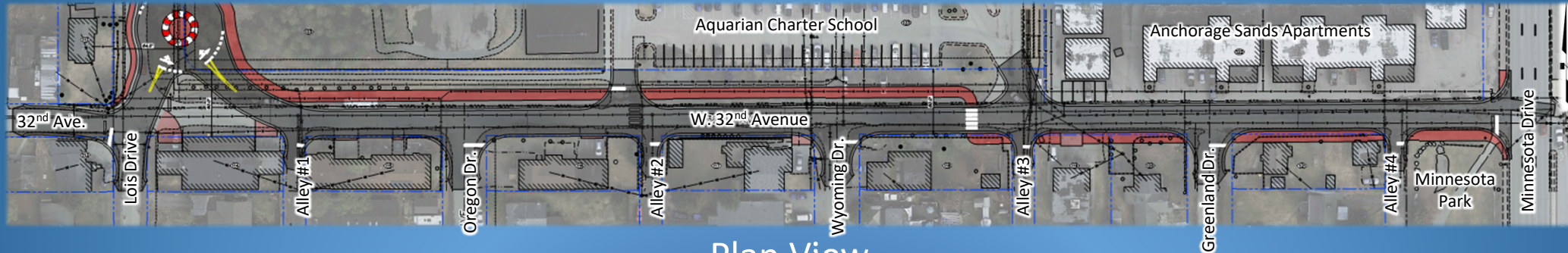




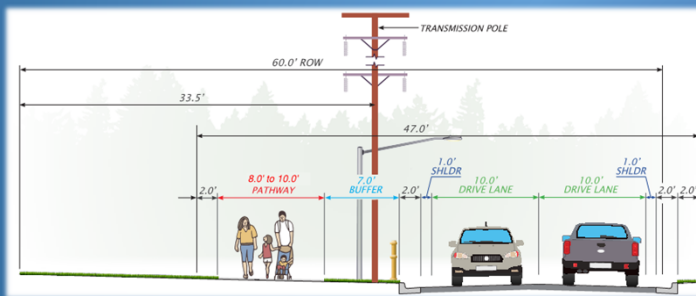
# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

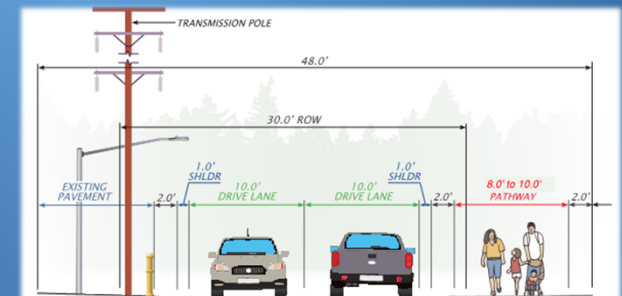
## 32<sup>ND</sup> AVENUE – ALTERNATIVE 3, WITH INTERSECTION #3



Plan View



- Includes pathway on one side
- Buffer for power poles and snow storage (north side only)
- Street lights
- 10 foot vehicle lanes
- No on-street Parking
- ROW acquisition on eastern end
- Will require approval of variance to AMC Title 21 and MOA DCM



# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

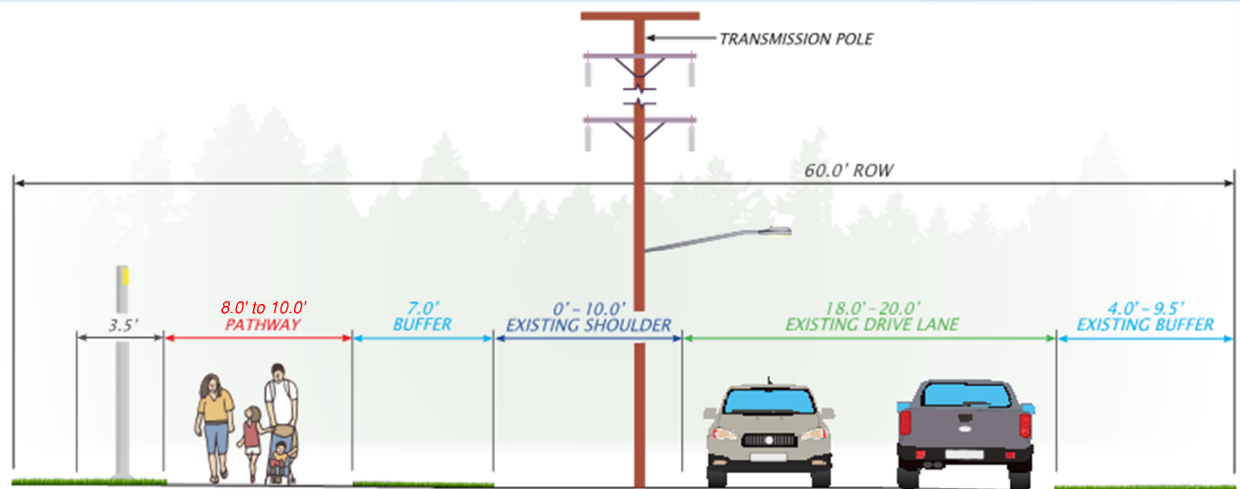
BENSON BOULEVARD TO MINNESOTA DRIVE

## 32<sup>ND</sup> AVENUE – ALTERNATIVE 4A

- Includes pathway on north side
- Pedestrian level lighting
- Snow storage buffer
- No ROW acquisition required on western end

### 32<sup>ND</sup> Avenue Alternative 4A – West End (Looking East)

*Alternative 4A would be constructed  
along the west end of 32<sup>nd</sup> Avenue  
(along Aquarian Charter School)*

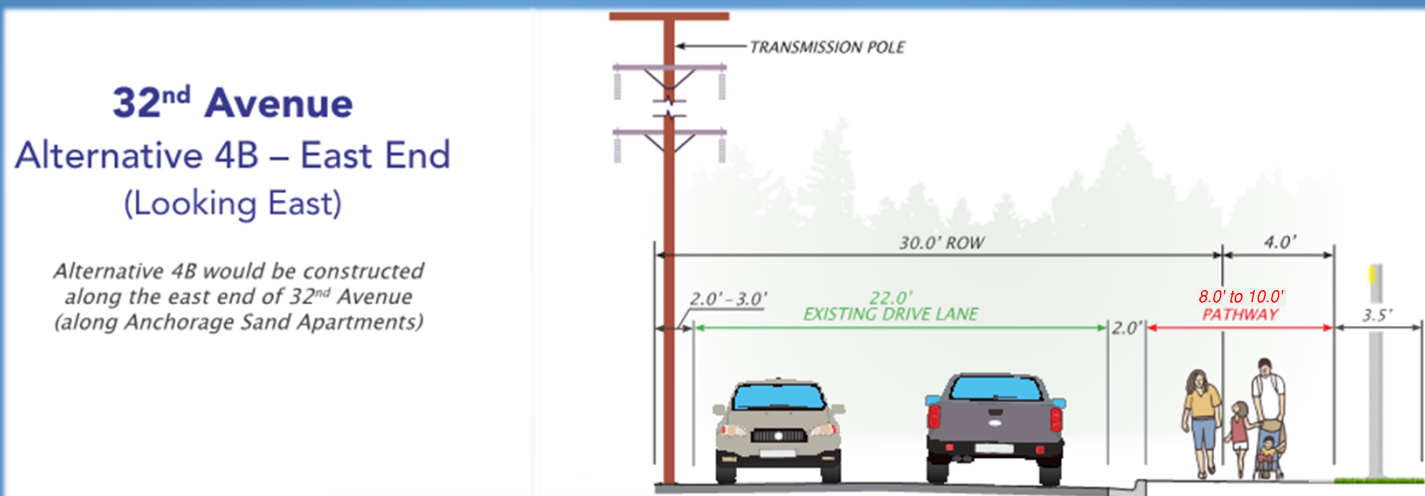


# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## 32<sup>ND</sup> AVENUE – ALTERNATIVE 4B

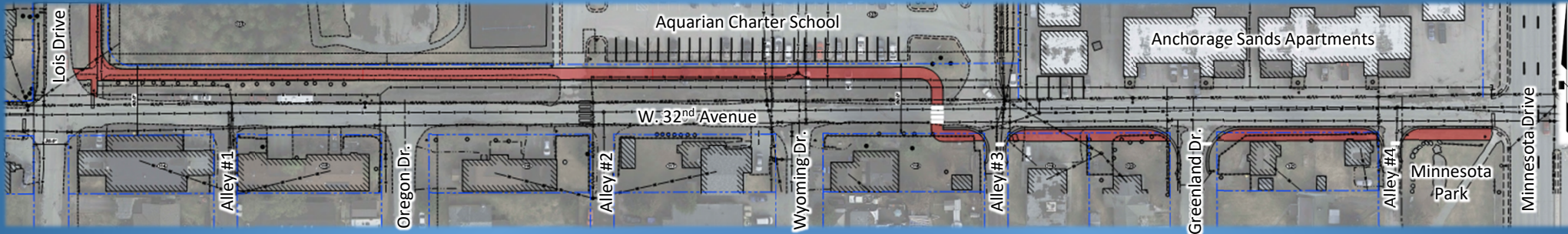
- Includes pathway on south side
- No snow storage buffer
- Pedestrian level lighting
- ROW acquisition required on eastern end



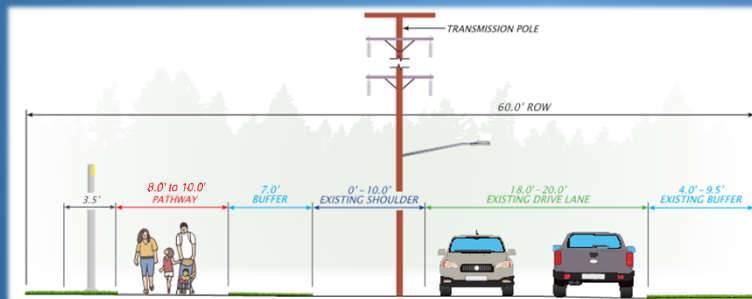
# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

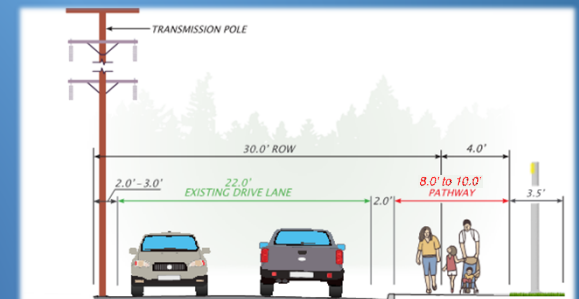
## 32<sup>ND</sup> AVENUE – ALTERNATIVE 4



Plan View



- Includes pathway on one side
- Snow storage buffer (north side only)
- Pedestrian level lighting
- ROW acquisition required on eastern end





# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## NEXT STEPS

### Draft DSR

- Incorporate Stakeholder Comments
- Identify a preferred alternative
- Present Draft DSR to MOA Planning and Zoning Commission (PZC) - Public Hearing

### Final DSR:

- Incorporate comments from MOA and PZC
- Route for signatures and approval by MOA Agencies (PM&E, Traffic)

### Design (not currently funded):

- Implement preferred alternative from DSR
- Additional public meetings after 65% complete and 95% complete designs



**Municipality of Anchorage**  
Project Management & Engineering Department



# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

QUESTIONS?

# LOIS DRIVE & 32<sup>ND</sup> AVENUE PATHWAY

BENSON BOULEVARD TO MINNESOTA DRIVE

## HOW TO STAY INVOLVED & SUBMIT COMMENTS

- Your questions and comments today have been documented.
- Email future comments and questions to [holly@huddleak.com](mailto:holly@huddleak.com)
- All project documents & meeting materials will be available at <http://lois-32ndupgrades.com/>
- There will also be a self-guided virtual public meeting available on the website.