WELCOME

Mendenhall Loop Road Capacity Improvement Project

Please place a sticker where your residence/business is located

Project Purpose & Need

- Improve the vehicular capacity on Mendenhall Loop Road
  - Nancy Street to Back Loop
- Meet the transportation needs for all
  - Residents
  - Businesses
  - Institutions
- Provide efficient pedestrian and bicycle facilities
  - Crossings
  - Longitudinal treatments
- Identify feasible, cost effective treatments to improve safety

Project Timeline

- Analysis & Design Concepts
  - Summer 2013 – Fall 2013
- Environmental Process & Engineering Design
  - Winter 2014 – Spring 2015
- Bidding/Contractor Selection
  - Summer 2015
- Construction
  - Fall 2015 – Summer 2016

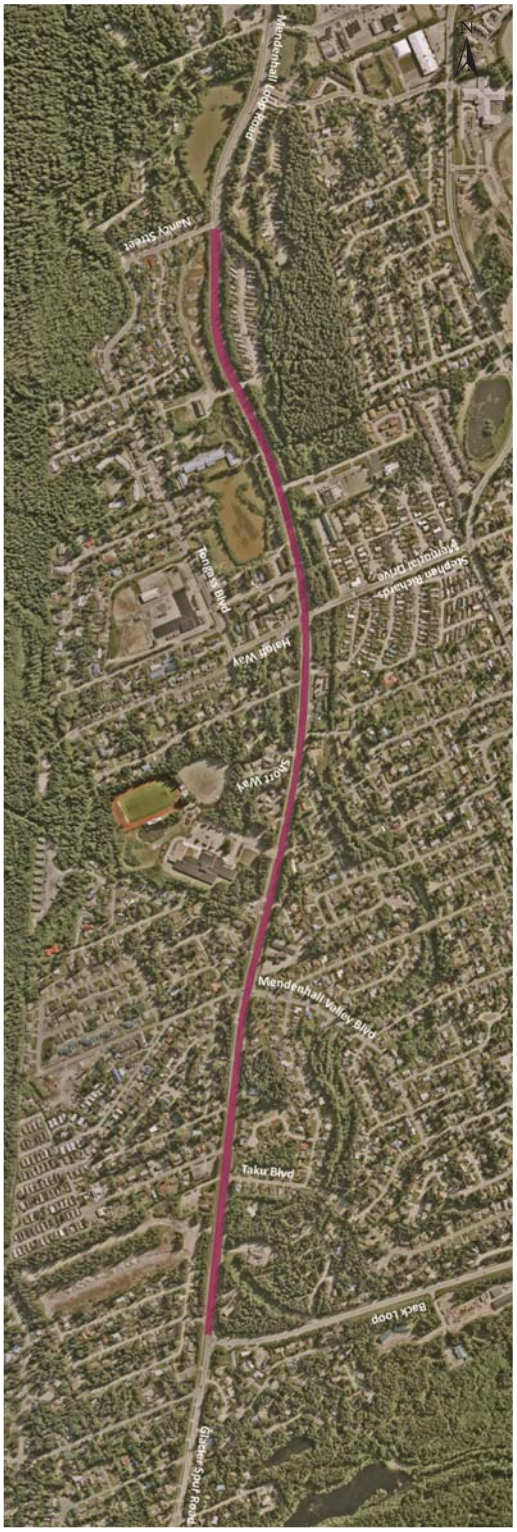
Corridor Overview

➤ Character

- Serves as major commute route
  - Connects residential areas to Egan Drive
- Serves local destinations
  - Glacier Valley Elementary School
  - Floyd Dryden Middle School
  - Churches
  - Movie theater and commercial uses
- Important link in bicycle network
  - Partial shoulder bike lanes
  - Multiuse path on both sides

➤ Challenges

- Peak hour/direction vehicle congestion
- Difficultly exiting side streets, including Floyd Dryden and Nancy Street
- Conflict areas throughout corridor
- Crash history at signalized intersections
- Pedestrian and bicycle crossing spacing



Preliminary Corridor Concepts

- Three corridor-level concepts
  - 5-lane and 3-lane cross sections
  - Concepts vary by where the transition from 5-lane to 3-lane takes place
  - All serve projected peak traffic demand

- Concept A: Transition north of Stephen Richards/ Halloff Way

- Concept B: Transition north of Floyd Dryden Access

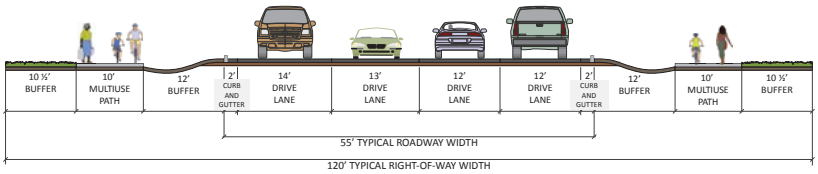
- Concept C: Transition north of Mendenhall/ Valley Boulevard

- Primary differentiators
  - Right-of-way impacts and cost of additional widening
  - Pedestrian crossing distance and time
  - Driveway conflicts within transition area

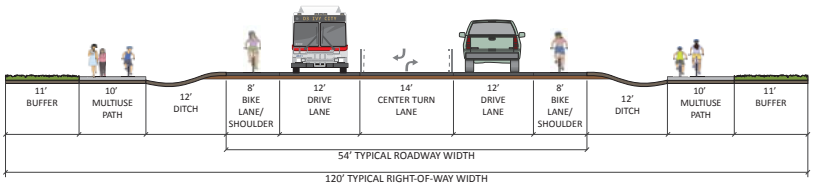
Existing and Proposed Roadway Cross Sections

Existing Cross Sections

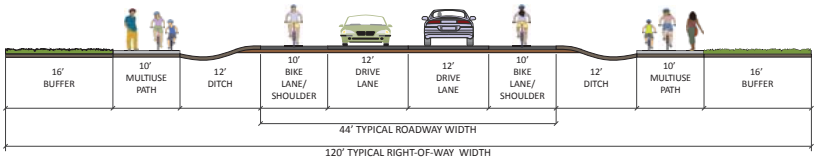
EXISTING 4-LANE AT NANCY STREET



EXISTING 3-LANE AT STEPHEN RICHARDS/HALOFF WAY

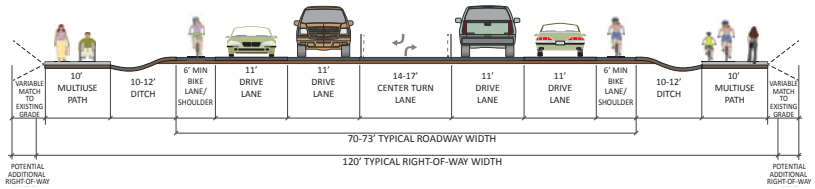


EXISTING 2-LANE AT BACK LOOP

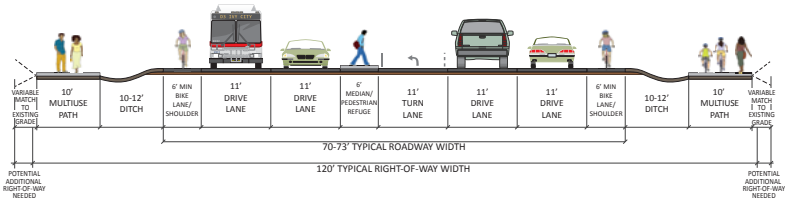


Proposed 5-Lane Section

PROPOSED 5-LANE SECTION W/ TWO-WAY LEFT TURN LANE



PROPOSED 5-LANE SECTION WITH MEDIAN AND DEDICATED LEFT TURN LANE



Proposed 3-Lane Section

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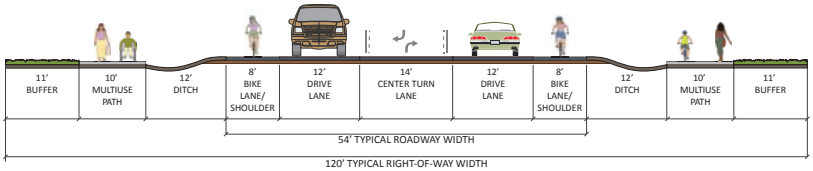
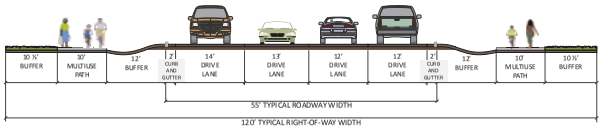


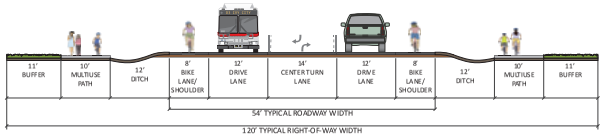
Concept A:
5-Lane Mendenhall with Transition to 3-Lane North of Stephen Richards

Existing Cross Sections

A EXISTING 4-LANE AT NANCY STREET



B EXISTING 3-LANE AT STEPHEN RICHARDS/HALOFF WAY



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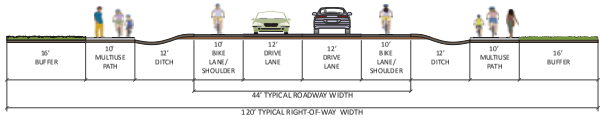

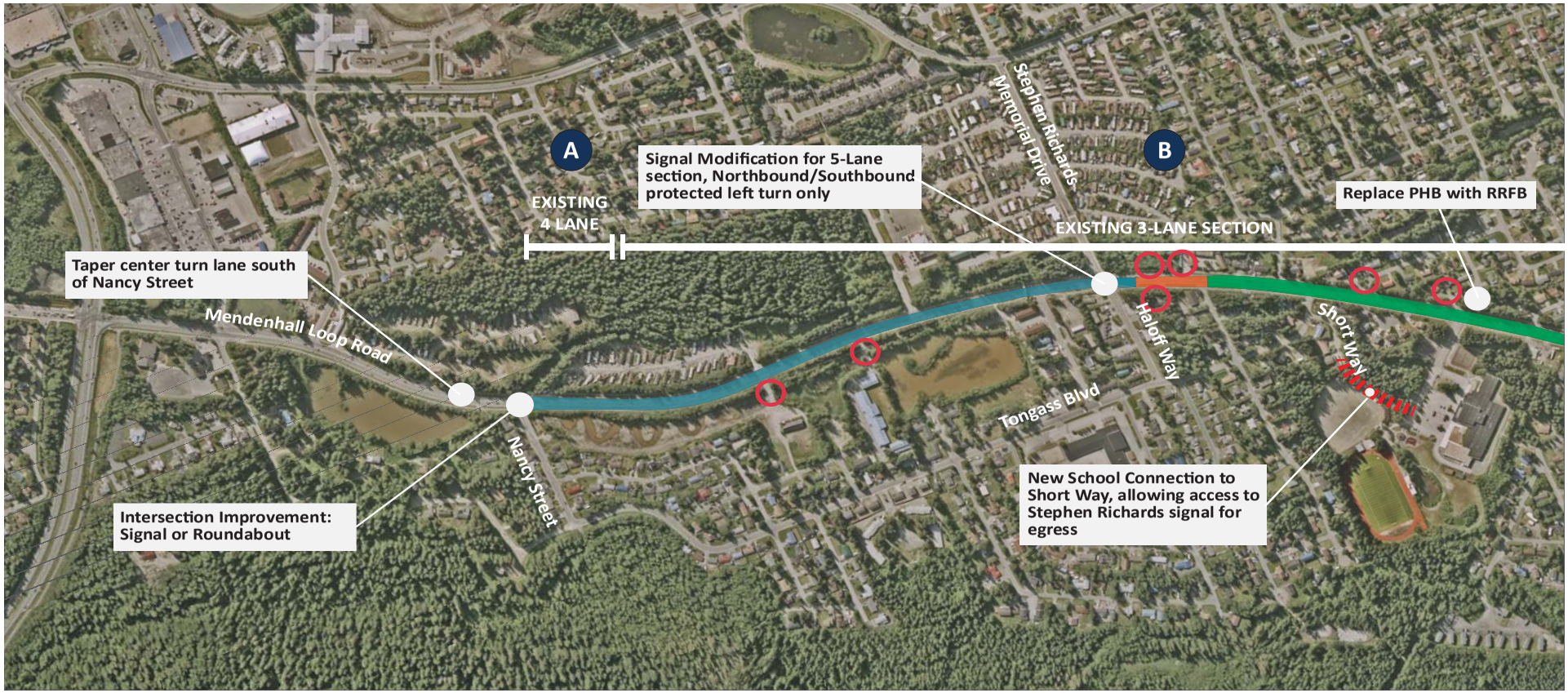

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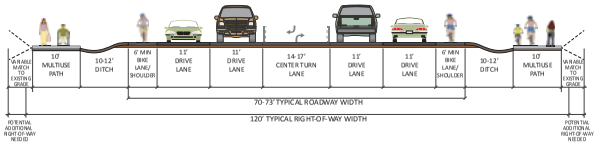

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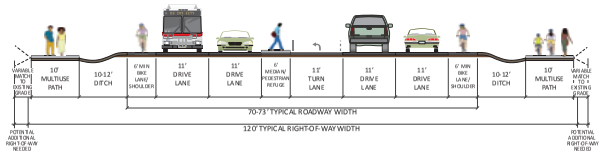

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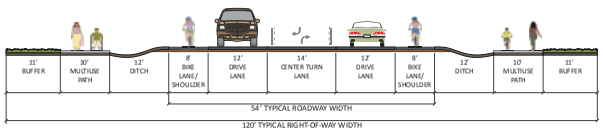
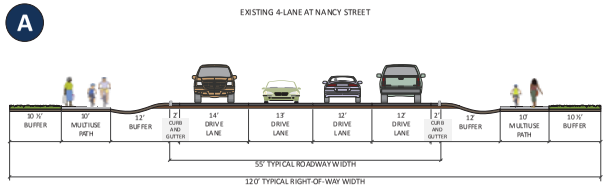


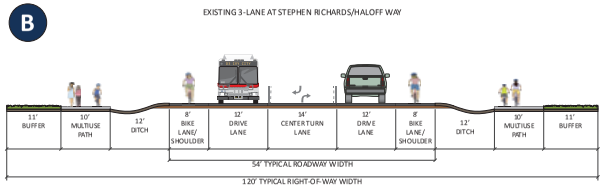
- Proposed 5-Lane Section
- Proposed 5-Lane to 3-Lane Transition
- Proposed 3-Lane Section
- Possible Access Modification

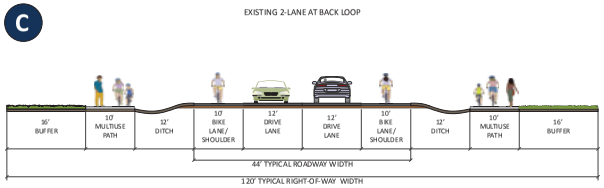
PHB = Pedestrian Hybrid Beacon
RRFB = Rectangular Rapid Flashing Beacon

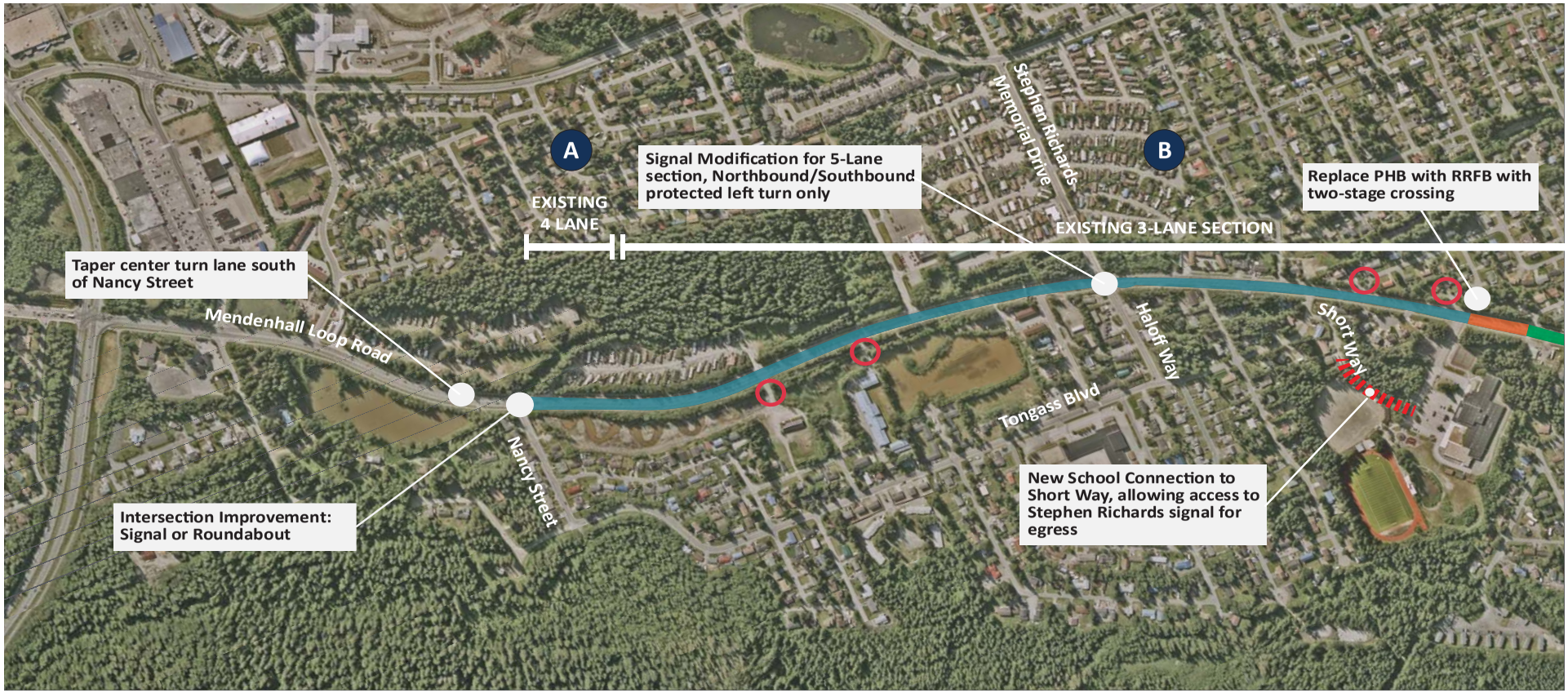
Concept B:
5-Lane Mendenhall with Transition to 3-Lane at Floyd Dryden

Existing Cross Sections









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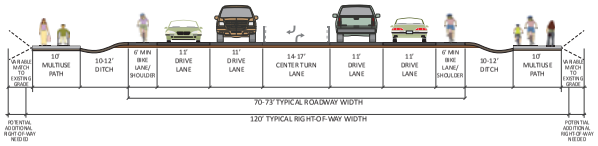

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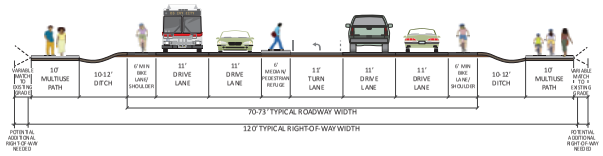

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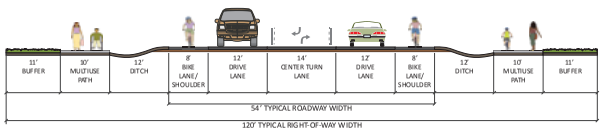

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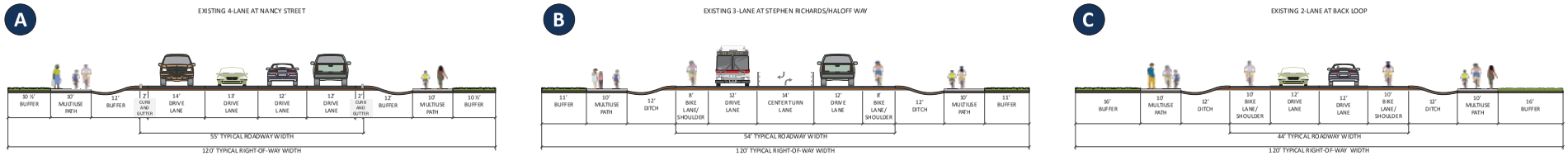
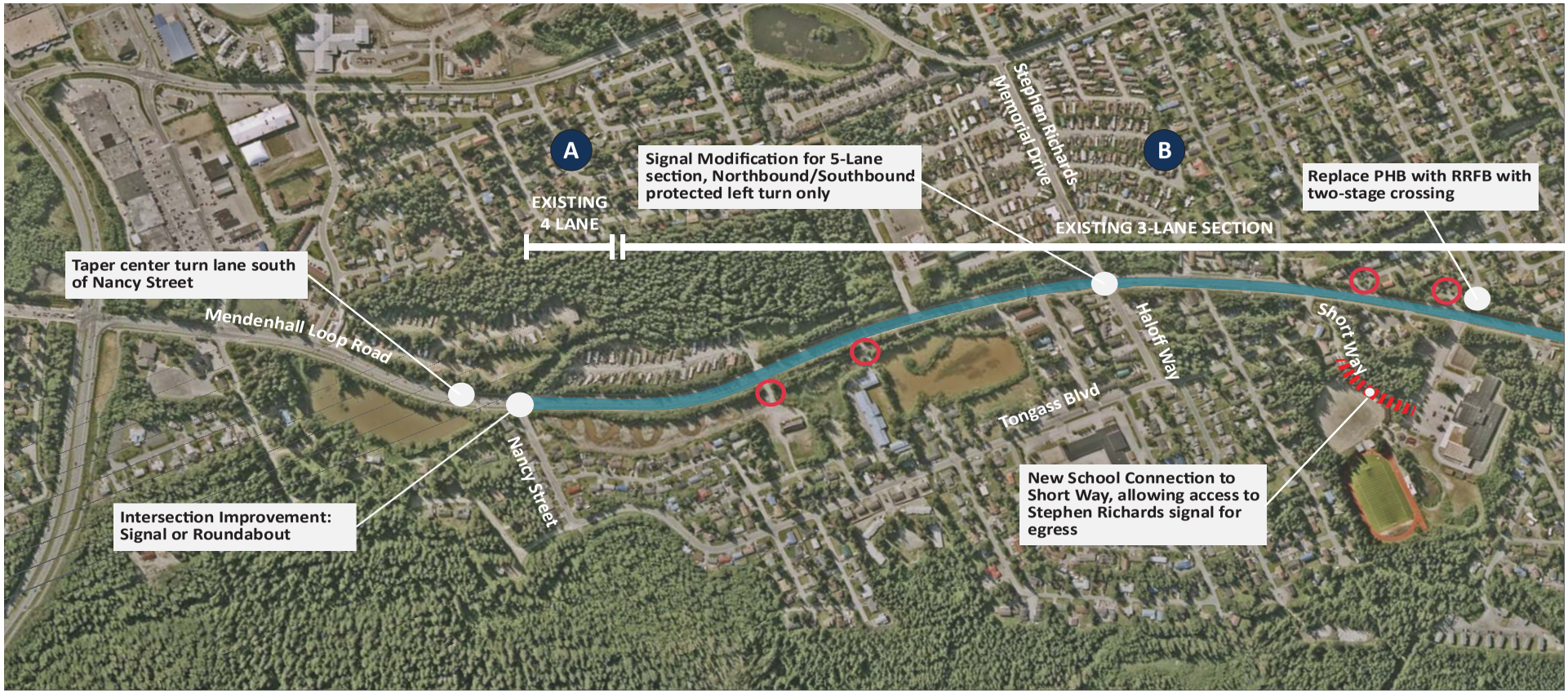
Concept C:
5-Lane Mendenhall with Transition to 3-Lane North of Mendenhall/Valley

Existing Cross Sections





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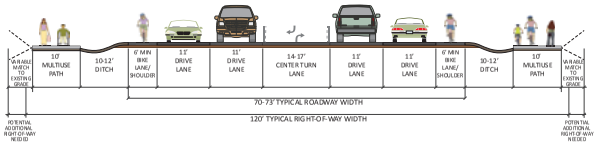

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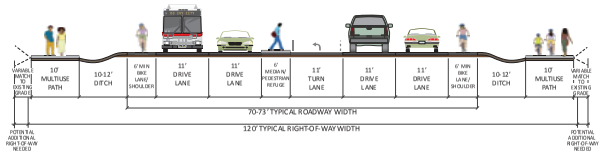

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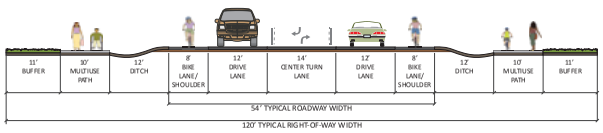

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