

# PACKAGE 1: METRO REGIONAL INVESTMENT MEASURE PROJECTS

Package 1 contains projects proposed for full or partial funding through the Metro Regional Investment Measure. Remaining needs for partially-funded projects have been added to another package based on other criteria. The projects in this package are near-term improvements and should be completed in the next 15 years.

## Total Cost

\$362,500,000 - \$364,300,000

## Projects

### 2 & 3 - 181ST AVENUE IMPROVEMENTS AND 182ND AVENUE IMPROVEMENTS

\$70,100,000 | Provides safety, transit, and traffic signal improvements along the 181st/182nd Corridor.



### 5 - 190TH/HIGHLAND BRIDGE BASELINE REPLACEMENT

\$13,400,000<sup>1</sup> | Replaces the 190th/Highland Bridge for structural safety improvements.



### 9 - 172ND/FOSTER SINGLE-LANE ROUNDABOUT

6,500,000 - \$8,300,000<sup>2</sup> | Provides a roundabout at 172nd/Foster for safety and operational improvements.



### 14 - 172ND-190TH 2-LANE CONNECTOR

\$61,600,000<sup>1</sup> | Connects 172nd and 190th to complete the C2C Mainline.



### 20 - SUNRISE PHASE 2A

\$204,200,000 | Provides complete street improvements on Highway 212 and provides local street connections.



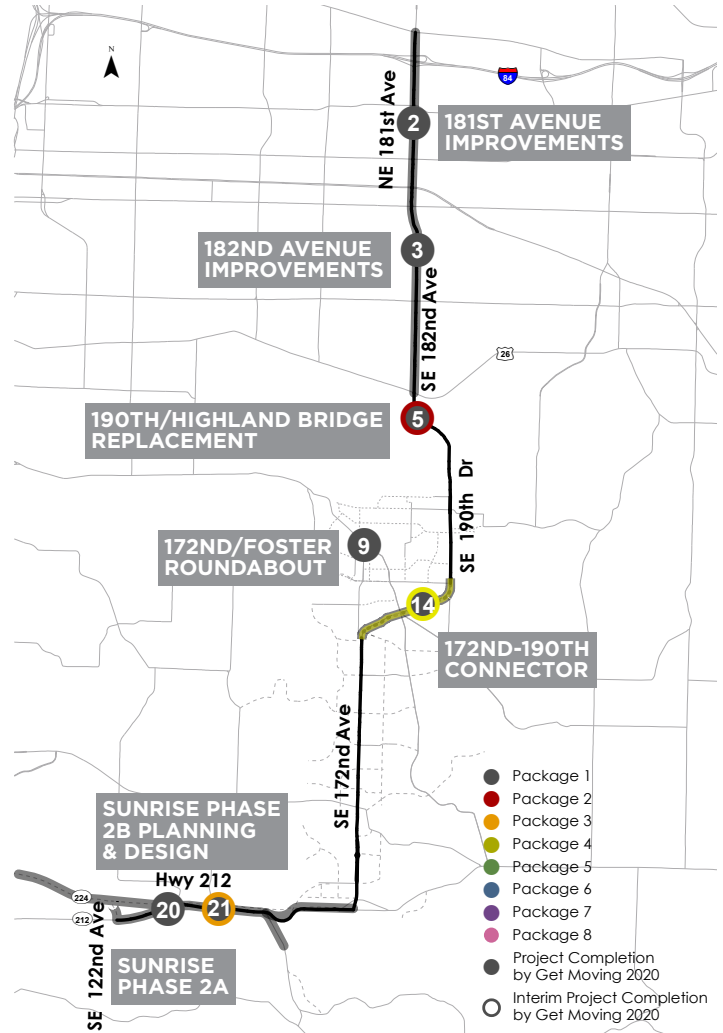
### 21 - SUNRISE PHASE 2B PLANNING AND DESIGN

\$34,000,000 | Completes planning and design for future Sunrise facility.



## Project Sequence: 2&3, 5, 9, 20, 14, 21

<sup>1</sup> Estimate for interim 190th/Highland Bridge Baseline Replacement and 2-lane facility from Metro Regional Investment Measure work, including right-of-way.



<sup>2</sup> \$6.5M is the 2019 budget figure within the Metro Regional Investment Measure work; \$8.3M is YOY project cost based on project descriptions and potential delivery timelines as of June 30, 2020, subject to change.

Project	Safety & Security	Equitable Transportation	Multimodal Mobility	Livability and Accessibility	Economic Development	Fiscal Stewardship	Connectivity
2 and 3							
5							
9							
14							
20							
21							

MINIMAL BENEFIT MAXIMUM BENEFIT

# PACKAGE 2: C2C MAINLINE CAPITAL PROJECTS

Package 2 contains projects located along the C2C mainline which are unlikely to be constructed through development as shown in Table 3. Package 2 projects also include enhanced transit on the C2C Corridor. While frequent service may not be immediately needed and/or feasible in the near-term, the corridor will be complete within Package 2 and benefit from transit services. As densities in the area grow, transit can be improved to meet “enhanced transit” criteria. Clackamas County is currently producing a Transit Development Plan (TDP) to assess the densities and associated frequencies for transit in the County, including the C2C Corridor. The projects in this package are near-term improvements and should be completed in the next 15 years.

## Total Cost

\$32,019,000 - \$35,017,000 + ROW for Project 6

## Projects

### 1 - ENHANCED TRANSIT ON C2C

Funded through Expanded Service District  
Provide enhanced transit (arrivals every 15 minutes or better during most of the day) along the C2C Corridor.



### 5 - 190TH/HIGHLAND COMPLETE BRIDGE REPLACEMENT

Up to \$2,998,000<sup>1</sup>  
Four-lane bridge replacement with sidewalks and bike facilities as well as a seismic upgrade.

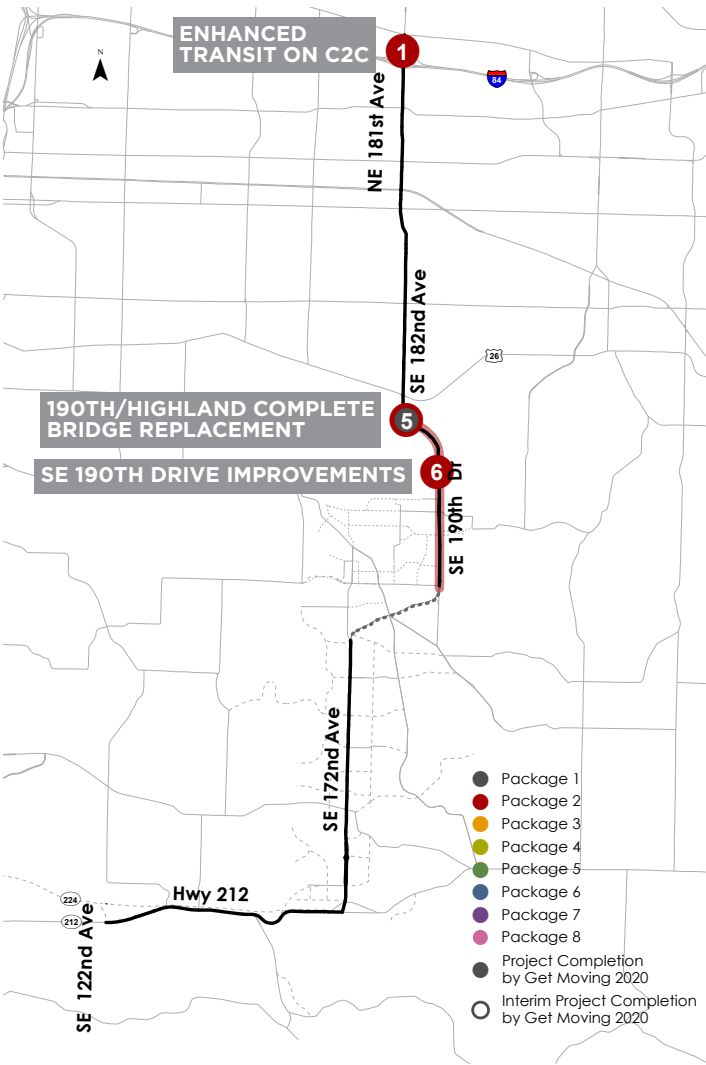


### 6 - SE 190TH DRIVE IMPROVEMENTS + ROW

\$32,019,000  
Widen 190th Drive from Powell Boulevard to Cheldelin Road. Provide 5-lane vehicle cross-section, bicycle lanes, landscape strip, and sidewalks. Signalize or provide roundabouts for 190th at Giese Road, Butler Road, Richey Road, and Cheldelin Road.



Project Sequence: 5, 6, 1



Project	Safety & Security	Equitable Transportation	Multimodal Mobility	Livability and Accessibility	Economic Development	Fiscal Stewardship	Connectivity
1							
5							
6							

MINIMAL BENEFIT MAXIMUM BENEFIT

# PACKAGE 3: HIGH SCORE CAPITAL PROJECTS

Package 3 contains projects which were likely to be capital projects and were higher scored than others, as shown in Table 4. These projects are anticipated to be needed to support future development along 172nd Avenue and the 172nd-190th Connector. Constructing these will promote development-driven improvements for the next package. The projects in this package are mid-term improvements and should be completed in the next 10 – 15 years.

## Total Cost

\$312,877,000

## Projects

### 21 - SUNRISE PHASE 2B

\$292,879,000

Constructs Sunrise Gateway access-controlled facility from 122nd Avenue to 172nd Avenue and parallel trail.



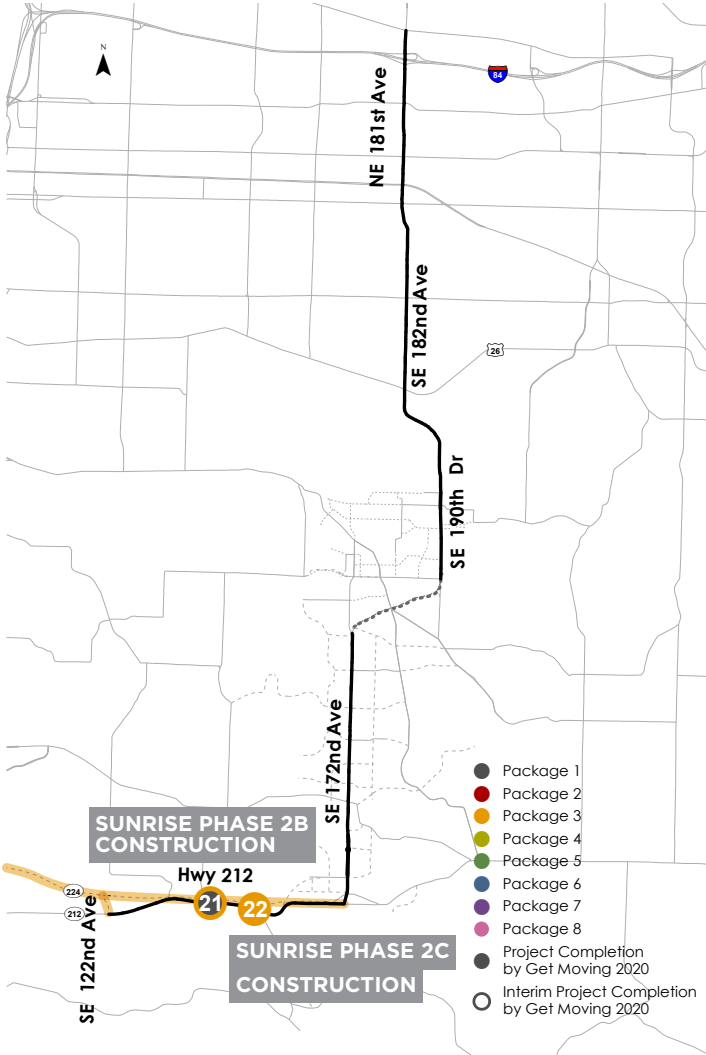
### 22 - SUNRISE PHASE 2C

\$19,998,000

Constructs roundabout at Rock Creek Junction



**Project Sequence:** 21, 22



Project	Safety & Security	Equitable Transportation	Multimodal Mobility	Livability and Accessibility	Economic Development	Fiscal Stewardship	Connectivity
21	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
22	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>



# PACKAGE 4: C2C MAINLINE DEVELOPMENT PROJECTS

Package 4 contains projects located along the C2C mainline which are likely to be constructed through development (e.g., half street improvements and improvements in undeveloped areas). These projects are mid-term improvements and should be completed in the next 10 – 20 years.

## Total Cost

\$53,288,000

## Projects

### 14 - 172ND-190TH CONNECTOR

\$10,288,000<sup>1</sup>

Provide 5-lane vehicle cross-section, bicycle lanes, landscape strip, and sidewalks. Provide roundabouts at Cheldelin Road, Foster Road, and 172nd Avenue.



### 15 - 172ND AVENUE IMPROVEMENTS

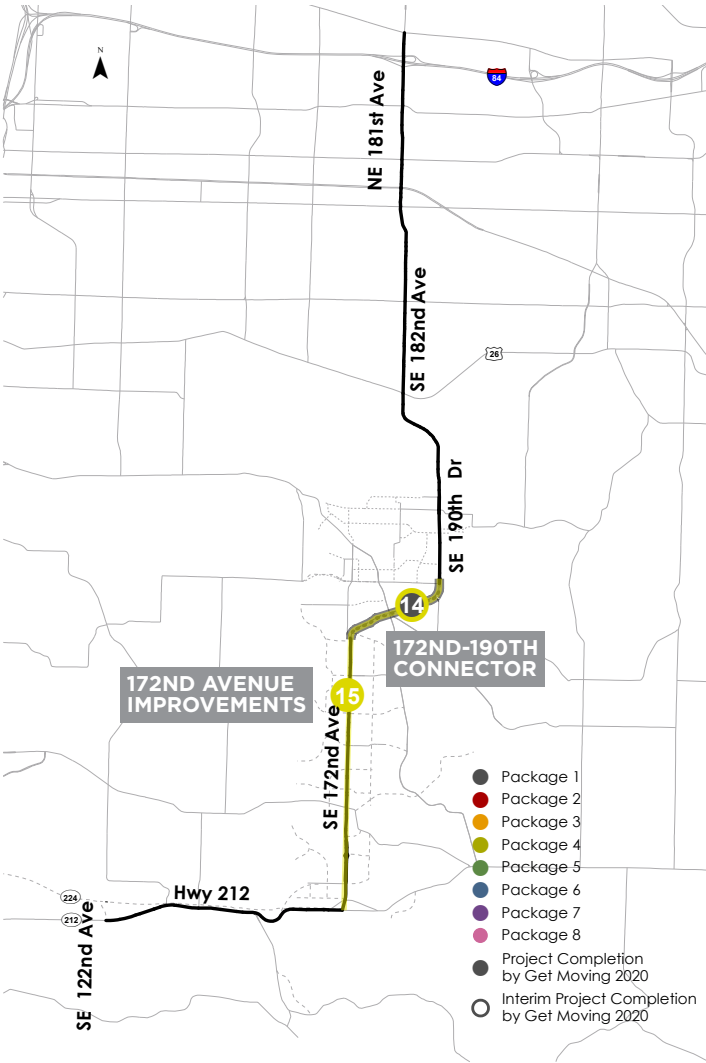
\$43,000,000

Provide 5-lane vehicle cross-section, bicycle lanes, landscape strip, and sidewalks on 172nd Avenue from Connector to Sunnyside Road. Provide roundabouts at Hemrich Road and Scouter Mountain Road and signalize Troge Road and Vogel Road.



## Project Sequence: 14, 15

<sup>1</sup> Cost differential between 5-lane and 2-lane cost estimates. Actual value may differ, depending on amount of 2-lane facility that is forward-compatible.



Project	Safety & Security	Equitable Transportation	Multimodal Mobility	Livability and Accessibility	Economic Development	Fiscal Stewardship	Connectivity
14							
15							

# PACKAGE 5: MEDIUM SCORE CAPITAL PROJECTS

Package 5 contains projects which were likely to be capital projects and had moderate scores compared to other capital projects. These projects are long-term improvements and should be completed in the next 15+ years.

## Total Cost

\$35,734,000 + 3 Stream Crossings

## Projects

### 7 - GIESE ROAD EXTENSION & IMPROVEMENTS

\$22,714,000 + 2 Stream Crossings

Extend Giese Road from Foster Road to 182nd Avenue. Widen Giese Road from 182nd Avenue to 190th Drive. Provide 3-lane vehicle cross-section, bicycle lanes, landscape strip, and sidewalks. Add or replace two stream crossings.



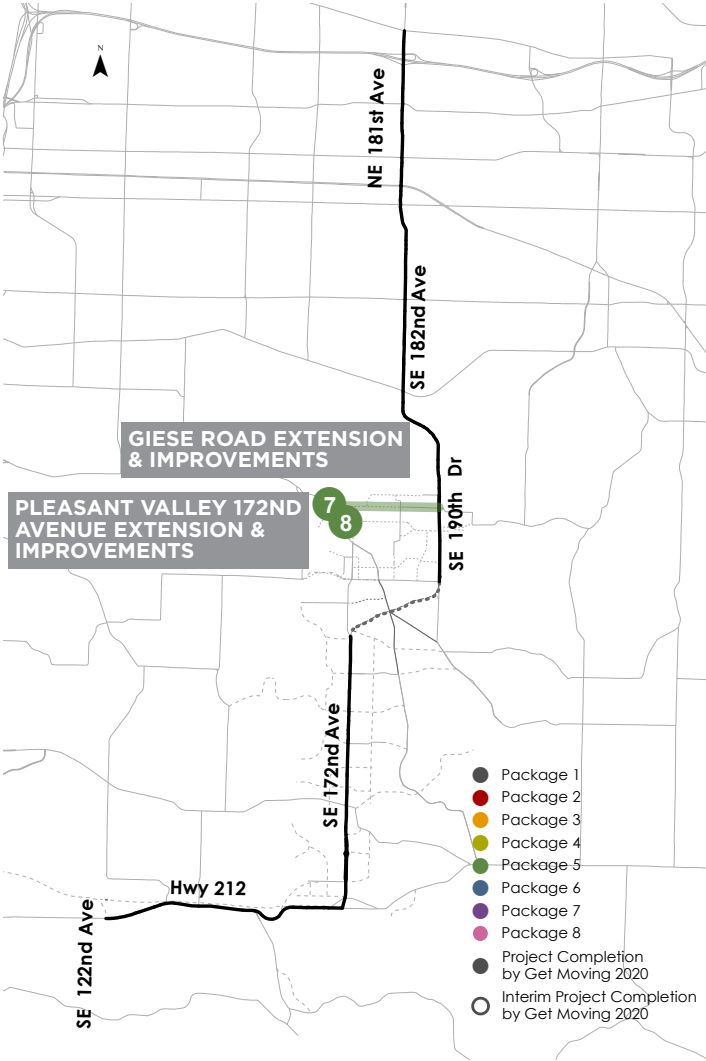
### 8 - PLEASANT VALLEY 172ND AVENUE EXTENSION & IMPROVEMENTS

\$13,020,000 + 1 stream crossing

Extend 172nd Avenue from Foster Road to Giese Road. Widen 172nd Avenue from Foster Road to Cheldelin Road. Provide 3-lane vehicle cross-section, bicycle lanes, landscape strip, and sidewalks. Add or replace one stream crossing.



Project Sequence: 7, 8



Project	Safety & Security	Equitable Transportation	Multimodal Mobility	Livability and Accessibility	Economic Development	Fiscal Stewardship	Connectivity
7	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
8	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>

# PACKAGE 6: LOW SCORE CAPITAL PROJECTS

Package 6 contains projects which were likely to be capital projects and had lower scores compared to other capital projects. These projects are long-term improvements and should be completed in the next 15+ years.

## Total Cost

\$19,554,000

## Projects

### 4 - POWELL AND DIVISION/ 182ND AVENUE IMPROVEMENTS

\$2,093,000

Add a second westbound left turn lane at Division, add northbound and southbound double left-turn lanes and through lanes at Powell, and add transit/enhanced transit corridor supportive projects.



### 11 - CLATSOP STREET EXTENSION

\$4,302,000

Extend Clatsop Street from 162nd Avenue to 172nd Avenue. Provide 3-lane vehicle cross-section, bicycle lanes, landscape strip, and sidewalks.



### 18 - SE SUNNYSIDE RD EAST EXTENSION

\$13,159,000

Construct new 5-lane road with continuous left turn lane, sidewalks, bike lanes and traffic signals.



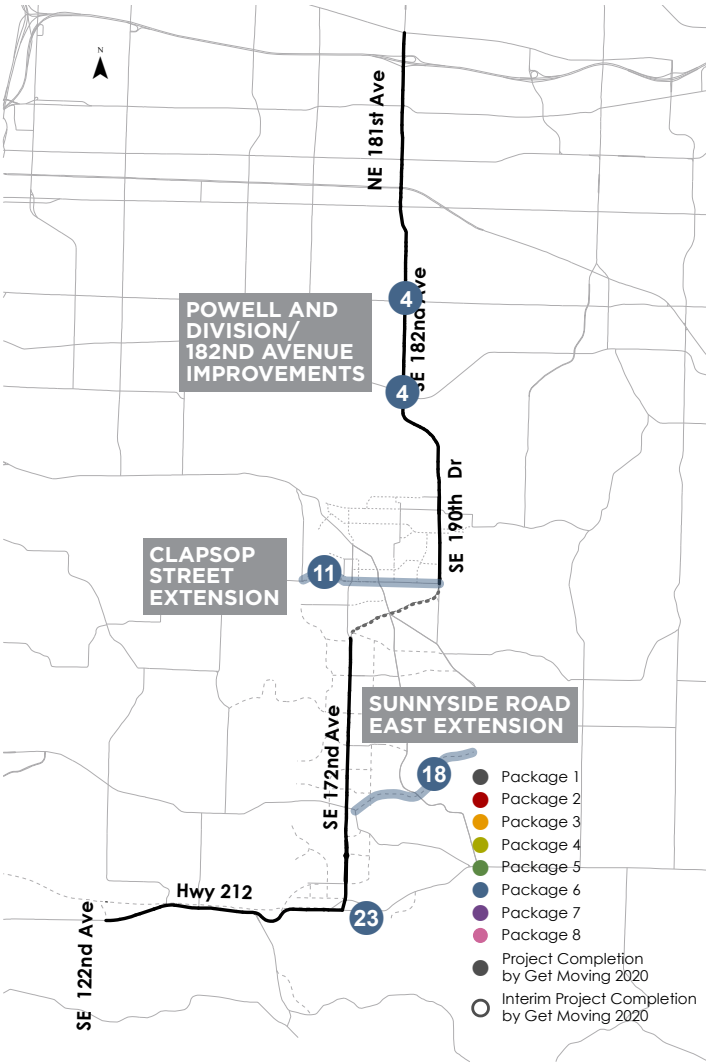
### 23 - SUNRISE PHASE 3

TBD

Provides improvements east of 172nd Avenue.



**Project Sequence:** 18, 4, 23, 11



Project	Safety & Security	Equitable Transportation	Multimodal Mobility	Livability and Accessibility	Economic Development	Fiscal Stewardship	Connectivity
4	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
11	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
18	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
23	TBD	TBD	TBD	TBD	TBD	TBD	TBD



## PACKAGE 7: HIGH SCORE DEVELOPMENT PROJECTS

Package 7 contains projects which were likely to be development-driven and had higher scores compared to other development-driven projects. These projects are long-term improvements and should be completed in the next 15+ years.

### Total Cost

\$43,132,000 + 2 Stream Crossings & ROW for Project 10



### Projects

#### 10 - FOSTER ROAD IMPROVEMENTS

\$7,593,000 + 2 stream crossings + ROW

Widen Foster Road from 172nd Avenue to Cheldelin Road. Provide 3-lane vehicle cross-section, bicycle lanes, landscape strip, and sidewalks. Add or replace two stream crossings.



#### 12 - CHELDELIN EXTENSION & ROAD IMPROVEMENTS

\$12,000,000

Extend Cheldelin Road from 172nd Avenue to Foster Road. Widen Cheldelin Road from Foster Road to 190th Drive. Provide 3-lane vehicle cross-section, bicycle lanes, landscape strip, and sidewalks.



#### 13 - 172ND AVENUE WIDENING NORTH

\$10,000,000

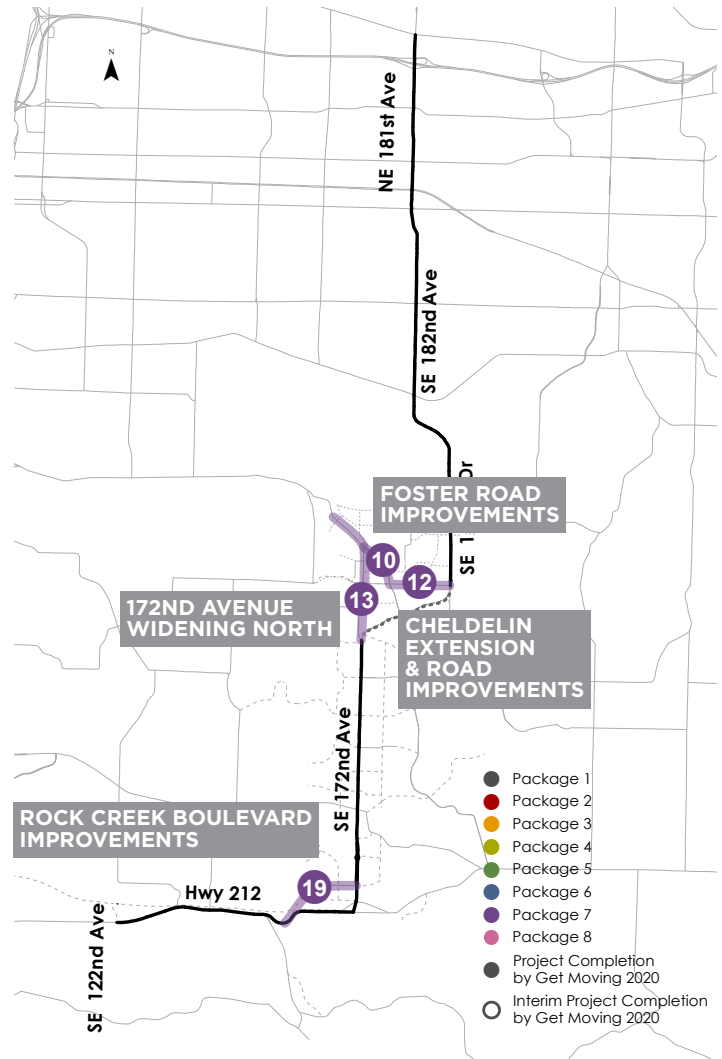
Widen 172nd Avenue to 3-lane vehicle cross-section, bicycle lanes, landscape strip, and sidewalks between 172nd-190th Connector to Cheldelin Road.



#### 19 - ROCK CREEK BOULEVARD IMPROVEMENTS

\$13,539,000

Construct new 5-lane vehicle cross-section from Sunrise Corridor Rock Creek interchange to 162nd Avenue; Widen existing alignment of Rock Creek Boulevard to five lanes from 162nd to 177th Avenue. Facility improvements include continuous left turn lane, sidewalks, bike lanes and traffic signals. In addition, will improve safety on a High Injury Corridor.



**Project Sequence:** 12, 10, 13, 19

Project	Safety & Security	Equitable Transportation	Multimodal Mobility	Livability and Accessibility	Economic Development	Fiscal Stewardship	Connectivity
10							
12							
13							
19							

MINIMAL BENEFIT MAXIMUM BENEFIT

# PACKAGE 8: LOW SCORE DEVELOPMENT PROJECTS

Package 8 contains projects which were likely to be development-driven and had lower scores compared to other development-driven projects. These projects are long-term improvements and should be completed in the next 15+ years.

## Total Cost

\$43,054,000

## Projects

### 16 - FOSTER ROAD

\$28,000,000

Provide 3-lane vehicle cross-section, bicycle lanes, landscape strip, and sidewalks from Cheldelin Road to Sunnyside Road.



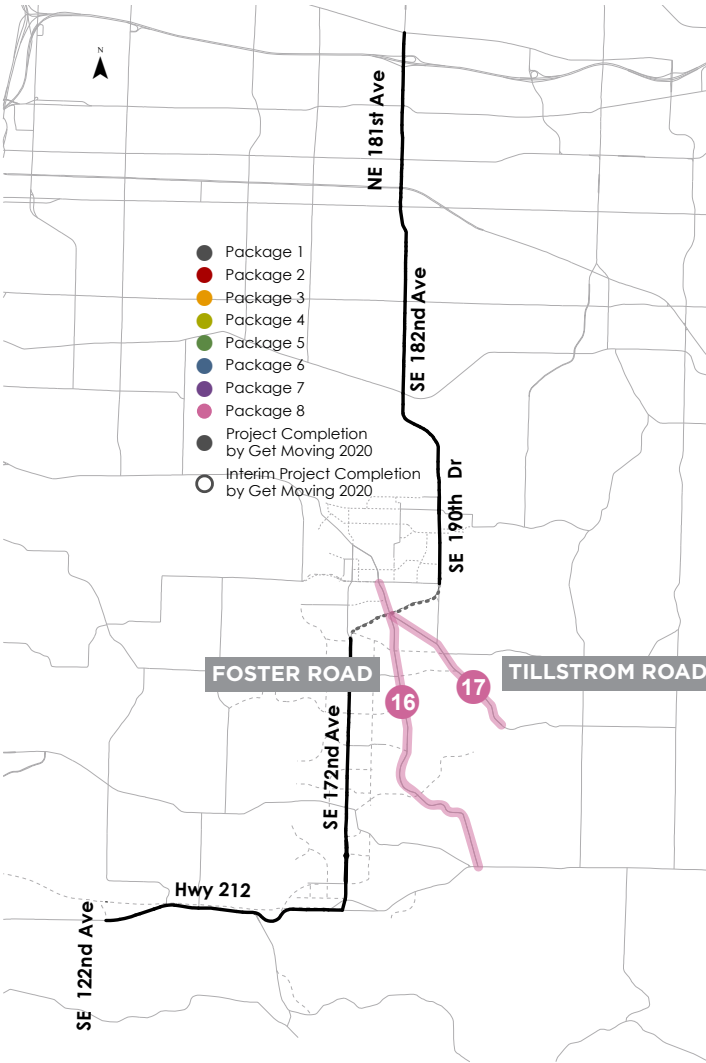
### 17 - TILLSTROM ROAD

\$15,054,000

Widen Tillstrom Road and realign at Foster Road at a stop-controlled intersection. Provide 3-lane vehicle cross-section, bicycle lanes, landscape strip, and sidewalks.



Project Sequence: 16, 17



Project	Safety & Security	Equitable Transportation	Multimodal Mobility	Livability and Accessibility	Economic Development	Fiscal Stewardship	Connectivity
16	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
17	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>