Project Update

• 90% Design in Progress
• FTA Risk Assessment & Final Report – June 2019
• FTA Readiness Report – August/September 2019
• Private Utilities Start – August 2019
• FTA Single Year Grant Agreement – October 2019
• Start of construction in Nov. 2019
Project Schedule

- 60% Design Completed (April, 2019)
- 90% Design Complete (June, 2019)
- 100% Design Complete (Oct, 2019)
- Start Major Construction (Nov, 2019)
- We Are Here
  - Contractor Aboard
  - Shelter Fabricator Aboard
  - 90% Design Complete (June, 2019)
  - Service Begins (2022)
CONSTRUCTION UPDATE
Construction Approach

- Raimore + Partner Coordination
- Utility + Other Project Coordination
- Project Approach & Schedule
- Conduct of Construction
- Contracting Plan/Workforce Selection
Conduct of Construction

- Coordination with other projects
- Define work zones
- Phases of construction
- Construction policies
- Community Affairs
Preliminary Construction Heading Timeline

11TH DIVISION
JUNE 2022

43RD DIVISION
NOVEMBER 2021

82ND DIVISION
NOVEMBER 2019

83RD DIVISION
JUNE 2022

122ND DIVISION
DECEMBER 2021

157TH DIVISION
NOVEMBER 2019

158TH DIVISION
JUNE 2022

ANGELINE DIVISION
DECEMBER 2021

CLEVELAND DIVISION
NOVEMBER 2019

WEST HEADING

CENTRAL HEADING

EAST HEADING
Construction Phases & Scope of Work

**UTILITIES**
- Moderate duration of work
- Scope of Work:
  - Utility pole relocation
  - Utility pole tentant moves
  - Traffic signal installation
  - Drywell installation & removal
  - Utility add, removal & relocation
  - Installation & removal of pipe runs
- What to Expect:
  - Street Excavation
  - Flaggers
  - Moving equipment
  - Temporary Lane Restrictions

**CIVIL**
- Moderate duration of work
- Scope of Work:
  - Concrete & asphalt demolition
  - Foundational grading
  - Concrete work
  - Asphalt paving
  - Striping
- What to Expect:
  - In-street paving
  - Intermittent drilling/grading/digging
  - Flaggers
  - Temporary Lane Restrictions

**SHELTER & AMENITIES**
- Shortest work duration
- Scope of Work:
  - Shelter installation
  - Electrical backbone installation
  - Cabinet installation
  - Signage, Trash, Bus Marker, lighting, etc.
- What to Expect:
  - Light equipment
  - Flaggers
  - Work largely in platform areas
  - Minimal Lane Restrictions
Construction Headings & Progression

12 Station Platforms
**WEST HEADING**
(82nd to 11th Ave.)

12 Station Platforms
**CENTRAL HEADING**
(157th to 83rd Ave.)

10 Station Platforms
**EAST HEADING**
(Cleveland Park & Ride to 158th)

- **Utilities**
- **Civil**
- **Shelter & Amenities**
NOTES:

- Time for advanced utilities work reduces as construction progress from station to station
- Gap between civil work and shelter and amenities phase reduces as construction progress from station to station
Construction Contracting Plan

- DBE local business coordination
- Community Liaisons
- 90% estimate - engage local business
- Next step – local business mixer!
Draft Concept
Typical Station Construction (Outer Division)
Typical Station Construction (Inner Division)
Typical Station Construction (Inner Division)
Shelter Design Update

Refinement of Design

- **Cost**
- **Streamline fabrication and installation**
- **Easy to maintain & replace**
- **Safety and ease of use**
Shelter Design Update

- Standardizing elements
- Connection details
- Material alternatives
- Lighting studies
- Signage details
Shelter Windscreen Pattern/Design

- Etching patterns deters graffiti
- One etch pattern for corridor
- 82rd, 93rd (MAX Station) 122nd and GCTC to have site specific graphics/design
- Engaged community on etch and site specific designs
COMMON THEMES FROM OPEN HOUSES:

- History, culture & diversity
- Nature
- Connection to community and surroundings
- Activities (shopping, work, food, hiking, walking, art)
Content Planning

**MULTI-CULTURALISM**
- Multicultural & Multilingual
- Variety of Languages
- Food from the World
- Pacific Islander Association
- Asian Pacific Islander Culture
- Cultural Heritage
- Jade International Night Market

**HUMAN ASPECT**
- Neighborhood Cohesion
- Artistic Community
- Diversity
- Generations
- Families
- Children
- Dogs

**SHOPPING & DINING**
- Asian Restaurants
- Mexican Restaurants
- International Markets
- World Food

**NEIGHBORHOOD**
- Avenue of Roses
- Harrison Park / Harrison Park School
- Jade District
- Walk-ability
- PCC

**HISTORY**
- Neighborhood Homes
- Immigrant History
- Historic Street Car Lines
- Strawberry Farm
- Fruit Stand
- Historic Photography
- Legin Restaurant

**NATURE**
- Views of 14 Surrounding Buttes
- Mt. Tabor
- Trees/Greenery
- Roses

**HISTORIC PHOTOGRAPHY**
- Fruit Stand Farm
- Roadway Realignment
- Street Scenes
Content Planning

DISTINCT IMAGERY 122ND

CULTURE
- Multicultural
- Multilingual
- Festival of Nations

NEIGHBORHOOD
- West Powellhurst Park
- West Powellhurst Elementary School
- Division-Midway Alliance
- Shopping Center Pride
- Clocktower

HUMAN ASPECT
- Neighborhood Cohesion
- Artistic Community
- Diversity
- Families
- Children
- Dogs

NATURE
- VIEWS OF 14 SURROUNDING BUTTES
- Doug Fir Trees
- Migratory Birds
- Hiking Trails
- View of Mt Hood

TRANSIT
- Milepost 6 - Original
- Mid-way between Portland & Gresham

HISTORY
- "Division St. Corral" music venue
- Neon signs
- Architecture
Gresham Central Transit Center

DISTINCT IMAGERY GRESHAM
Content Planning

CULTURE
Native American Culture
Hispanic Culture
Gresham Center for the Arts Plaza
TsuRU Island
Gatherings in Gresham TC Plaza

HUMAN ASPECT
Neighborhood Cohesion
Artistic Community
Place of Connection

NATURE
View of Mt. Hood

SHOPPING & DINING
Heart/Pulse of the City
Gresham Downtown Plan calls for:
Intensify development with walking distance of MAX stations.
Preserve and promote the existing historic core and its notable design characteristics.
Downtown Art Walk is a regional attraction

HISTORY
Photographic:
A.W. Metzger Store
Cabbage Farming
Cedarville Confectionery
Donahue and Kelly Logging Co.
Gravel Pit
Gresham Berry Growers Cannery
Gresham Downtown Snowstorm
Gresham Fire Dept.
Gresham First Aid Car
Gresham Outlook Newspaper
Sterline & Johnson Hardware Store
Thayer Box Factory
Victory Food Distribution Volunteers

HISTORIC SITES
1st Japanese settler in Oregon
buried in Gresham
Pioneer Cemetery
Dairy Industry
Bull Run Dams
Gresham's Namesake

EXISTING HISTORIC LOCATIONS
Freeman House
Carnegie Library
Duane C. Ely Building
Coggdon Building
US Post Office
W. Hamilton Residence
W. Gresham Grade School
Gresham Lodge
Gresham Berry Growers Cannery
Gresham's Namesake
Victory Food Volunteers

Westbound: Type 3 Shelter
Eastbound: Type 3 Shelter
Next Steps

- Finalize FTA Risk Report Findings
- Ongoing stakeholder meetings
- 90% Design Completion
- Ongoing construction coordination