EXISTING ENTRANCE

A. Install 27 ft. steel pole with a 12 ft. mast arm with 12" diameter insulator, 3" diameter, 3 ft. PVC schedule 80 conduit, and 4" diameter, 3 ft. PVC schedule 80 conduit.
B. Install 27 ft. steel pole with a 12 ft. mast arm with 12" diameter insulator, 3" diameter, 3 ft. PVC schedule 80 conduit, and 4" diameter, 3 ft. PVC schedule 80 conduit.
C. Install base mounted cabinet and controller, concrete foundation, ground rod and all necessary equipment for foundation, below grade and backfill. Remove existing controller, relocate in new location.
D. Install handbox.
E. Install 3 in. PVC schedule 80 electrical conduit - transepted.
F. Install 4 in. PVC schedule 80 electrical conduit - transepted.
G. Install 4 in. PVC schedule 80 electrical conduit - transepted.
H. Install 1 in. galvanized steel electrical conduit for loop detector wire (12 ea).
I. Install 6 ft. x 8 ft. vehicle loop detector (4 units).
J. Use existing handbox.
K. Use existing conduit.
L. Use existing mast arm, remove existing signal heads and signs. Install signal heads, signs and overhead video detection.

EXISTING ENTRANCE

N. Use existing mast arm, install overhead video detection.
O. Use existing handbox, splice new 2-conductor cable to existing aluminum cable.

PROPOSED ENTRANCE

P. Remove existing handbox.
Q. Remove existing pole, mast arm, all associated equipment for foundation, below grade and backfill. Remove existing controller, relocate in new location.
R. Relocate existing red/green sign to proposed signal pole.
S. Disconnect and remove existing loop detector cable from conduits, handbox, signal structures and controller.
T. Use existing conduit.
U. Use existing mast arm, remove existing signal heads and signs. Install signal heads, signs and overhead video detection.
V. Install new radio interconnect cable from antenna to new cabinet.

GENERAL NOTES:
1. The design firm shall coordinate all phase lighting with the SHA engineer.
2. The contractor shall verify all proposed pole and cabinet locations prior to installation.
3. For final pavement markings to be done, all proposed markings shall be checked by the Traffic Signal Designer for proper design and installation.
4. All existing traffic signal equipment removed shall become the property of the signal contractor upon completion of the new signal.
5. All proposed cabinets shall be supplied with a photocell.
6. The contractor shall be responsible for removing all signal cable to the appropriate terminal and property label each cable.
7. The contractor shall verify all underground utilities prior to installing proposed signal equipment. If any utility conflicts should arise, the contractor shall correct the problem.
8. All traffic signal foundations shall be piloted at the final height of concrete grade for both existing and new signal.
9. All signal foundations shall be piloted at the final height of concrete grade for both existing and new signal.
10. All signal foundations shall be piloted at the final height of concrete grade for both existing and new signal.

UTILITY LEGEND

TRAFFIC SIGNAL PLAN (SNOWDEN PARKWAY at MCGRAND AVE)
Sequence of Construction - Phase II "Road Improvements"

1. Place advance warning signs and set channelizing devices adjacent to construction area.
2. Begin excavation along eastbound Snowden River Parkway. Contractor to restore construction area back to existing grade at the end of the work day.
3. Install necessary curb and gutter, install necessary roadway material.
4. Channelizing devices shall remain adjacent to the work area during periods of non-construction. All roadway shall remain open and unobstructed by any channelizing devices.
5. Reconstruction of the traffic signal at McGaw Road and the modification of the traffic signal at Snowden Square Drive shall be completed before moving to Phase IB of road construction.

Drop Off Policy
Contractor to maintain less than 2-3 in. of drop-off during periods of non-construction. Use appropriate standard. See General Note No. 12.

Key:
- Area of Construction
- Direction of Traffic
- Channelizing Device/Grate
- Fopper
- Temp Traffic Sign
- Arrow Panel
- Existing Geometric
- Proposed Geometric

(Revised) Maintenance of Traffic (Snowden River Parkway)
Sequence of Construction - Phase IB "Road Improvements"

1. Place Advance Warning Signs and set channelizing devices adjacent to construction area.
2. Begin excavation along Snowden River Parkway in the median. Contractor to restore construction area back to existing grade at the end of the work day.
3. Install necessary curb and gutter, install necessary roadway materials.
4. Channelizing devices shall remain adjacent to the work area during periods of non-construction. All roadways shall remain open and unobstructed by any channelizing devices.
5. Reconstruction of the traffic signal shall be completed before moving to Phase IB of road construction.
Sequence of Construction - Phase I C 'Road Improvements'

1. Reconstruction of the traffic signal shall be complete prior to the road construction of Phase IC.
2. Place Advance Warning Signs and set channelizing devices adjacent to construction area.
3. Begin excavation along Snowden River Parkway median lane. Contractor to restore construction area back to existing grade at the end of the work day.
4. Install necessary curb and gutter, install necessary roadway materials.
5. Channelizing devices shall remain adjacent to the work area during periods of non-construction. All roadways shall remain open and unobstructed by any channelizing devices.
6. Reconstruction of the traffic signal shall be completed before moving to Phase IB of road construction.
Sequence of Construction - Phase 2A "Road Improvements"

1. Place Advance Warning Signs, STOP Signs and set channelizing devices adjacent to construction area.

2. The contractor shall maintain a minimum 10 feet lane width along the construction area.

3. Begin excavation along McGaw Road on south side. Contractor to restore construction area back to existing grade at the end of the work day.

4. Install necessary curb and gutter, install necessary roadway material.

5. Channelizing devices shall remain adjacent to the work area during periods of non-construction. All roadways shall remain open and unobstructed by any channelizing devices.

Drop Off Policy
Contractor to maintain less than 2.5 ft. of drop-off during periods of non-construction. Use appropriate standard. See General Note No. 15.

KEY
- Area of Construction
- Traffic Stream
- Direction of Traffic
- Temporary Traffic Sign
- Shared Lane Drum
- Slow Down
- Roundabout
- Park
- Existing Geometry
- Proposed Geometry

Maintenance of Traffic (Snowden River Parkway)

McGaw Road & Snowden River Parkway Modifications
Columbia Shingle Industrial Center, Section 1 Area C-2 and D-2

SCALE 1" = 40'
1:2000-1520A

JUNE 2020

PE/PA:

PLOTTER: Monday, June 22, 2020 AT 07:34 AM
Sequence of Construction - Phase 2B "Road Improvements"

1. Place advance warning signs and set channelizing devices adjacent to construction area.

2. The contractor shall maintain a minimum 10 foot lane width along the construction area.

3. Begin excavation on McGaw Road along the north side. Contractor to restore construction area back to existing grade at the end of the work day.

4. Install necessary curb and gutter. Install necessary roadway materials.

5. Channelizing devices shall remain adjacent to the work area during periods of non-construction. All roadways shall remain open and unobstructed by any channelizing devices.

Drop Off Policy
Contractor to maintain less than 2.5 in. of drop-off during periods of non-construction. Use appropriate standards. See General Note No. 13.
Sequence of Construction - Phase 2C "Road Improvements"

1. Place Advance Warning Signs and set channelizing devices adjacent to construction area.
2. The contractor shall maintain a minimum 15 feet lane width along the construction area.
3. Use the widening along the south side of McGaw Road. Remove existing lane lines and install temporary pavement markings along eastbound McGaw Road.
4. Begin excavation along McGaw Road in the median. Contractor to restore construction area back to existing grade at the end of the work day.
5. Install necessary curb and gutter, install necessary roadway materials.
6. Channelizing devices shall remain adjacent to the work area during periods of non-construction. All roadways shall remain open and unobstructed by any channelizing devices.

Drop Off Policy
Contractor to maintain less than 2.5 in. of drop-off during periods of non-construction. Use appropriate standards. See General Note No. 13.
GENERAL NOTES
1. This roadway is subject to the SDOT Standard Details and the TCTA and have been annotated to provide additional direction on the installation and application of traffic control devices and signals. These details provide additional guidelines and other useful information that will accelerate the installation process and ensure uniformity of traffic control devices. The Special Provision for the Design and Installation of Traffic Control Devices (SDOT’s Supplement to the SDOT Standard Details) and the SDOT Standard Details are available at http://www.sdot.wa.gov/Construction
2.  The SDOT TCTA states the maximum requirements necessary to plan for the safety of the roadway facilities. This roadway is in good repair. Maintenance and other traffic control devices and signals are provided within the roadway.
3. Other traffic control devices and signals may be necessary because of other traffic factors such as the width of the roadway, the volume of traffic, etc. The roadway is subject to the maximum traffic control strategies that are available.
4. Other traffic control devices such as stop signs, speed limit signs, and traffic signals may be added to the roadway at the discretion of the Traffic Engineer. These devices are subject to the maximum traffic control strategies that are available.
5. All other traffic control devices and signals are subject to the maximum traffic control strategies that are available.

1.10 INTRODUCTION
1.0 The TCTA states the maximum requirements necessary to plan for the safety of the roadway facilities. This roadway is in good repair. Maintenance and other traffic control devices and signals are provided within the roadway. The roadway is subject to the TCTA maximum traffic control strategies that are available.
2.0 Where two or more flags are used and are visible to see each other, two-way two-way radio communications shall be used.
3.0 When the roadway is subject to the maximum traffic control strategies that are available.

9.0 FLASHING
9.0.1 Where two or more flags are used and are not used to see each other, one-way radio communications shall be used.
9.0.2 When the roadway is subject to the maximum traffic control strategies that are available.

9.0.3 When conducting operations on a roadway, the signals used shall be the TCA or the equivalent.

10.0 VEHICLES
10.0.1 When vehicles are stopped in a lane, a horizontal curve is provided. In a horizontal curve, a horizontal curve is provided. In a horizontal curve, a horizontal curve is provided.
10.0.2 When vehicles are stopped in a lane, a horizontal curve is provided. In a horizontal curve, a horizontal curve is provided.
10.0.3 A horizontal curve is provided. In a horizontal curve, a horizontal curve is provided.

10.0.4 When vehicles are stopped in a lane, a horizontal curve is provided. In a horizontal curve, a horizontal curve is provided.

10.0.5 When vehicles are stopped in a lane, a horizontal curve is provided. In a horizontal curve, a horizontal curve is provided.

10.0.6 When vehicles are stopped in a lane, a horizontal curve is provided. In a horizontal curve, a horizontal curve is provided.

10.0.7 When vehicles are stopped in a lane, a horizontal curve is provided. In a horizontal curve, a horizontal curve is provided.

10.0.8 When vehicles are stopped in a lane, a horizontal curve is provided. In a horizontal curve, a horizontal curve is provided.

10.0.9 When vehicles are stopped in a lane, a horizontal curve is provided. In a horizontal curve, a horizontal curve is provided.

10.0.10 When vehicles are stopped in a lane, a horizontal curve is provided. In a horizontal curve, a horizontal curve is provided.

10.0.11 When vehicles are stopped in a lane, a horizontal curve is provided. In a horizontal curve, a horizontal curve is provided.