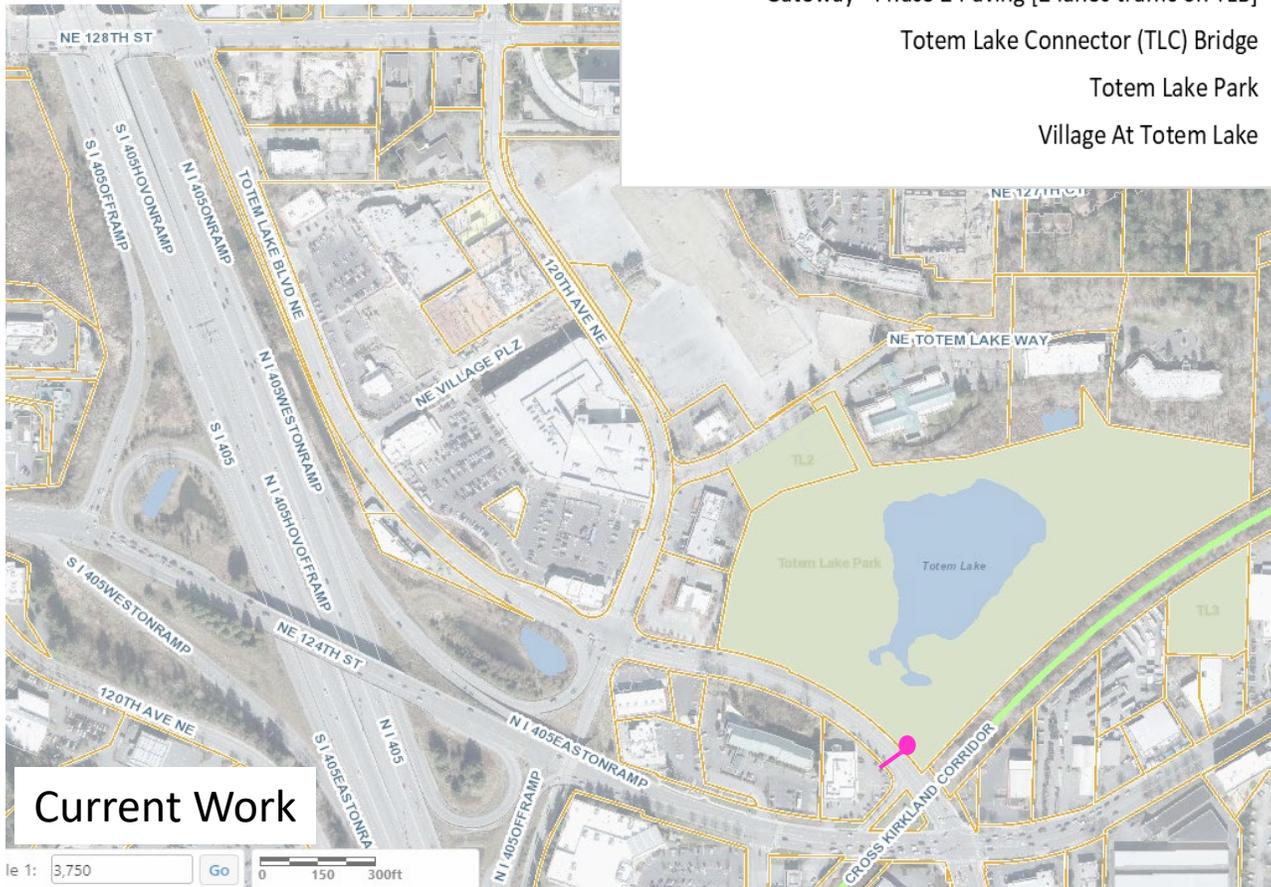


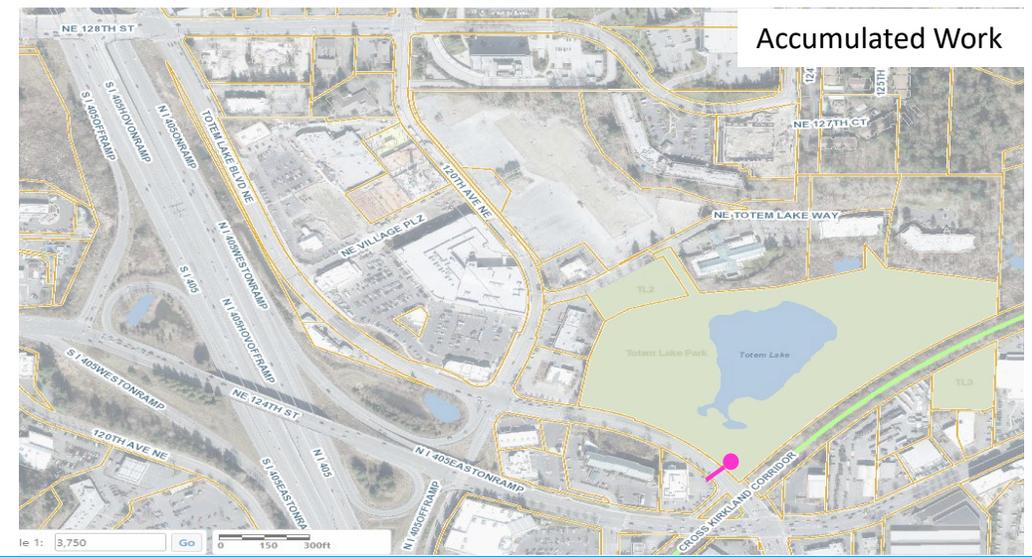
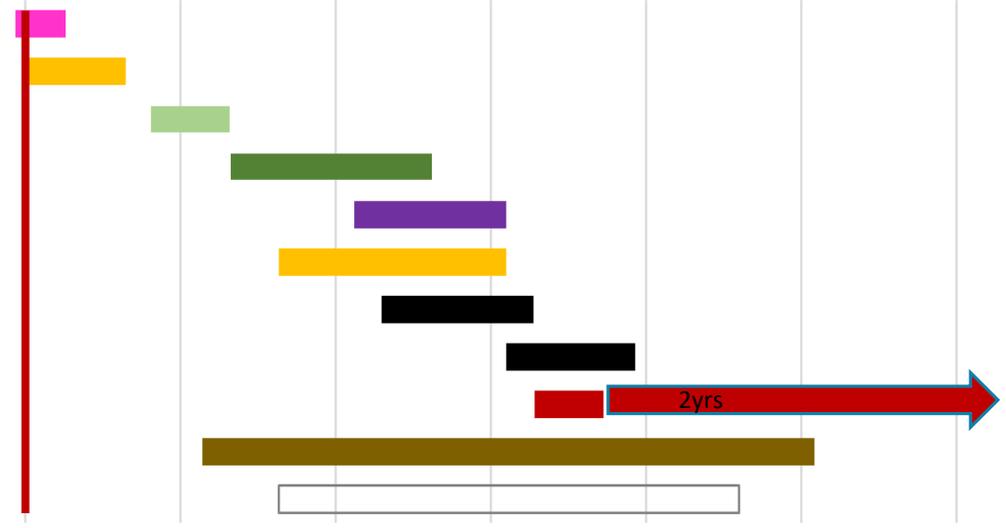
Totem Lake Coordination

Snapshot Date: 9/30/2019



- Gateway - Comfort Inn Outfall Phase
- Kirkland-NUD MOU/ILA(s)
- NUD 8" [JOC] [before 2020 Gateway phases on TLB]
- NUD Forcemain All Phases
- Comfort Inn Storm [before Gateway P2 paving]
- Gateway - Wall and Road Embankment Phase [2 lanes traffic]
- Gateway - Phase 1 Paving
- Gateway - Phase 2 Paving [2 lanes traffic on TLB]
- Totem Lake Connector (TLC) Bridge
- Totem Lake Park
- Village At Totem Lake

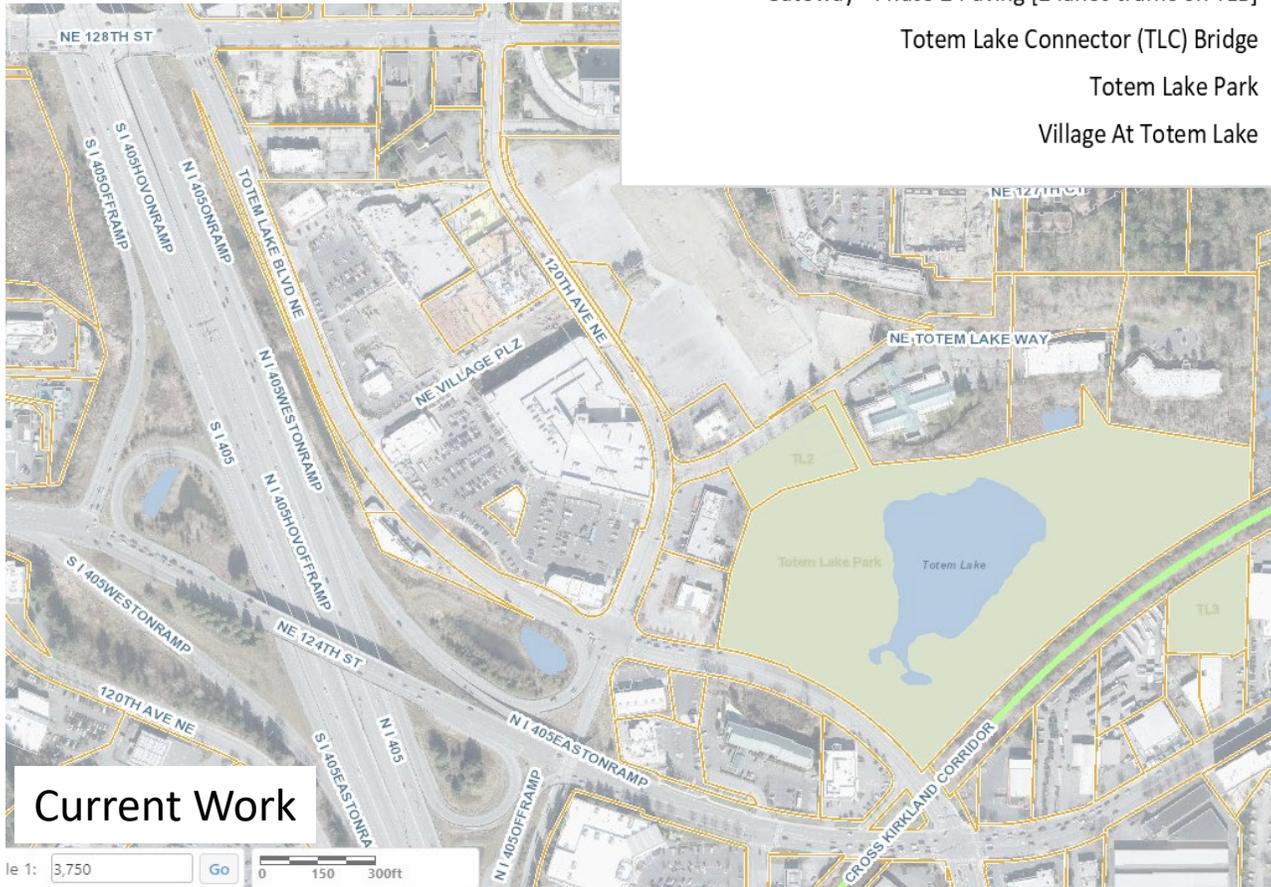
6/30/2019 9/30/2019 1/1/2020 4/3/2020 7/5/2020 10/6/2020 1/7/2021 4/10/2021



Accumulated Work

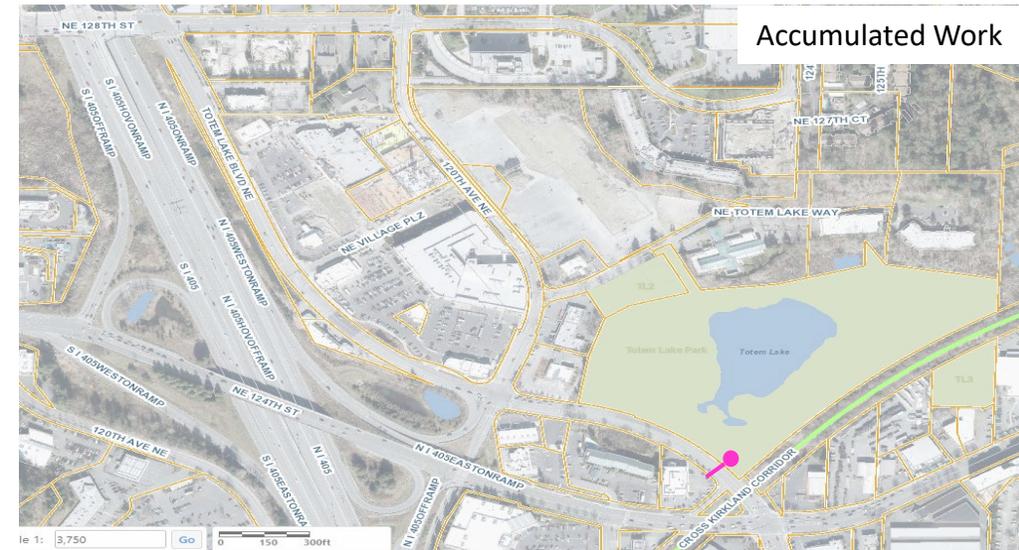
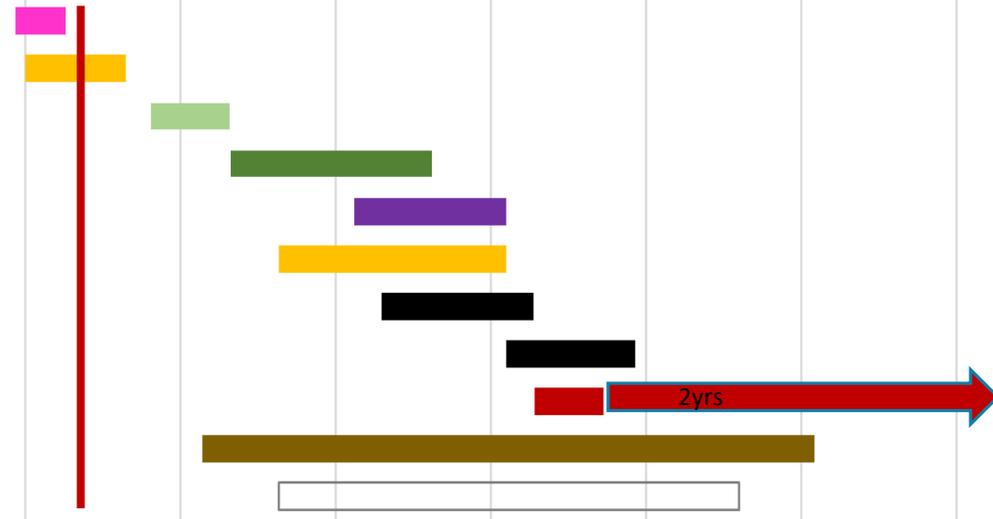
Totem Lake Coordination

Snapshot Date: 11/1/2019



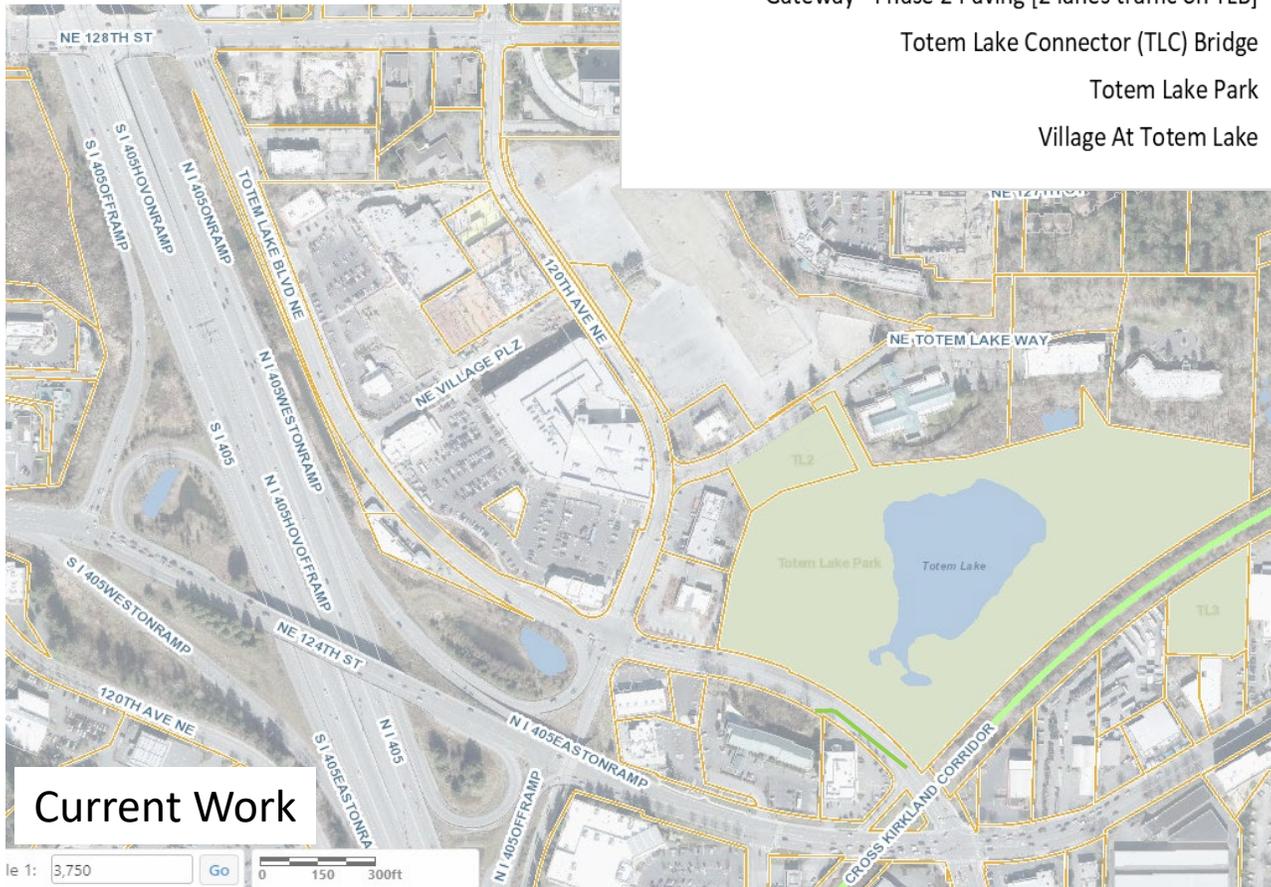
- Gateway - Comfort Inn Outfall Phase
- Kirkland-NUD MOU/ILA(s)
- NUD 8" [JOC] [before 2020 Gateway phases on TLB]
- NUD Forcemain All Phases
- Comfort Inn Storm [before Gateway P2 paving]
- Gateway - Wall and Road Embankment Phase [2 lanes traffic]
- Gateway - Phase 1 Paving
- Gateway - Phase 2 Paving [2 lanes traffic on TLB]
- Totem Lake Connector (TLC) Bridge
- Totem Lake Park
- Village At Totem Lake

6/30/2019 9/30/2019 1/1/2020 4/3/2020 7/5/2020 10/6/2020 1/7/2021 4/10/2021

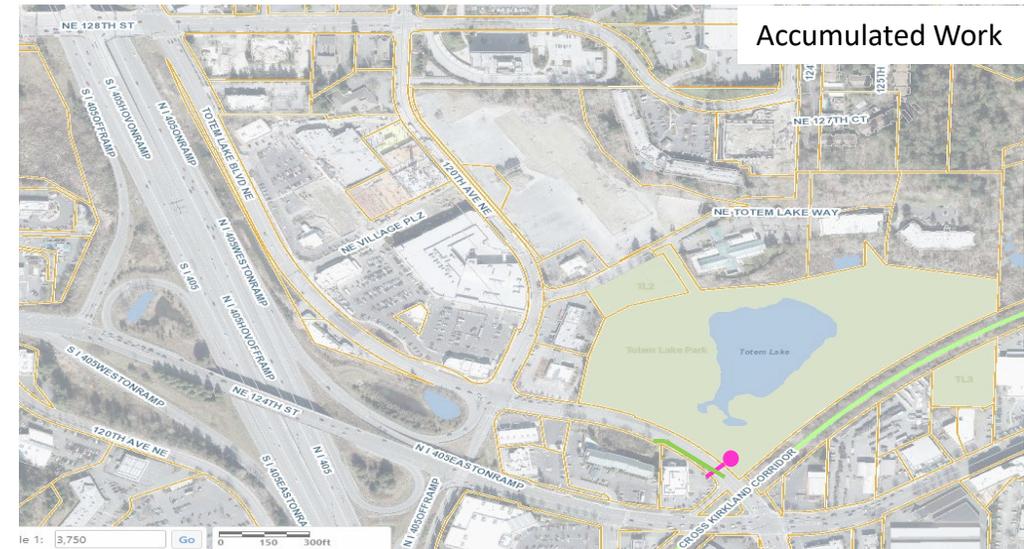
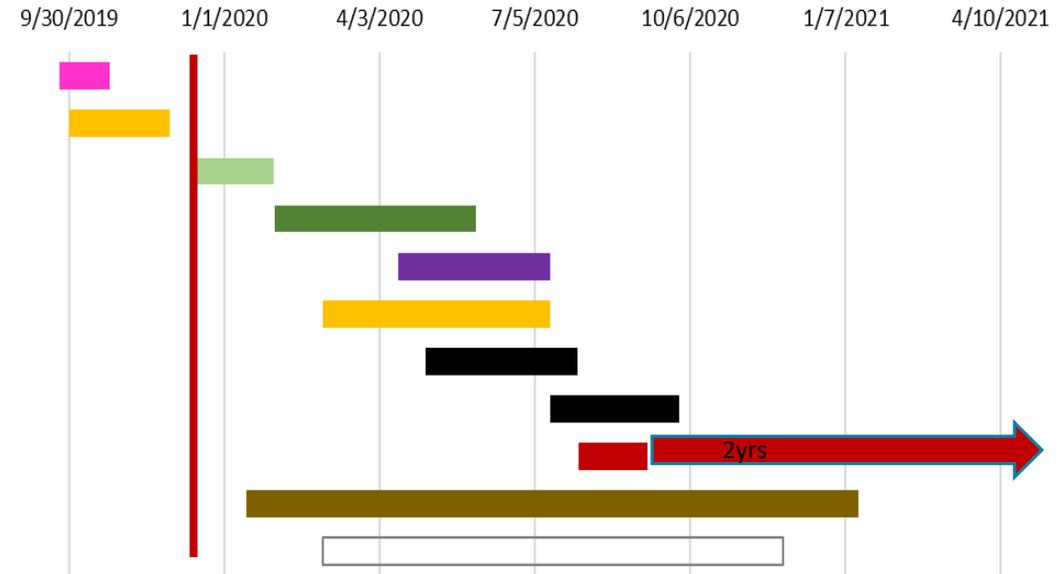


Totem Lake Coordination

Snapshot Date: 12/15/2019

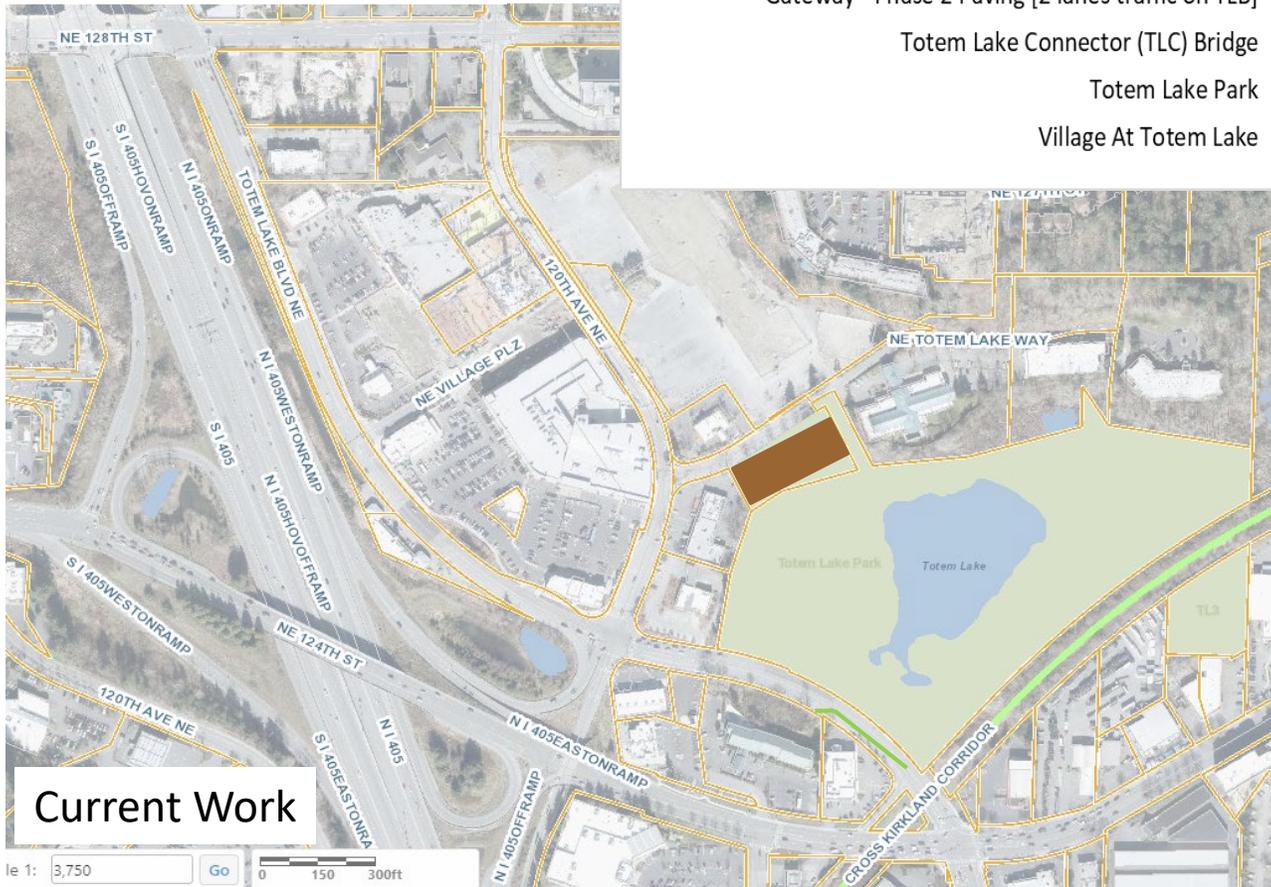


- Gateway - Comfort Inn Outfall Phase
- Kirkland-NUD MOU/ILA(s)
- NUD 8" [JOC] [before 2020 Gateway phases on TLB]
- NUD Forcemain All Phases
- Comfort Inn Storm [before Gateway P2 paving]
- Gateway - Wall and Road Embankment Phase [2 lanes traffic]
- Gateway - Phase 1 Paving
- Gateway - Phase 2 Paving [2 lanes traffic on TLB]
- Totem Lake Connector (TLC) Bridge
- Totem Lake Park
- Village At Totem Lake

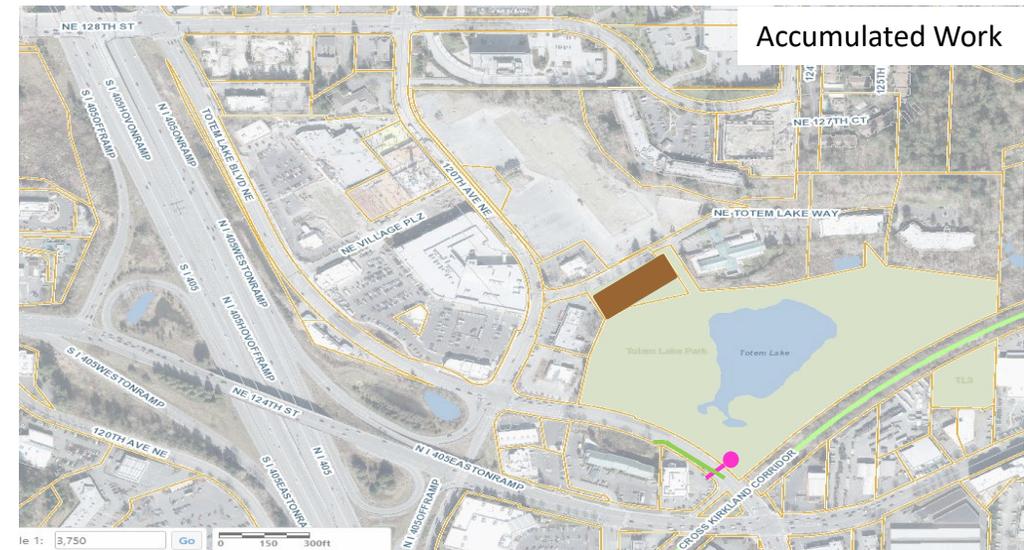
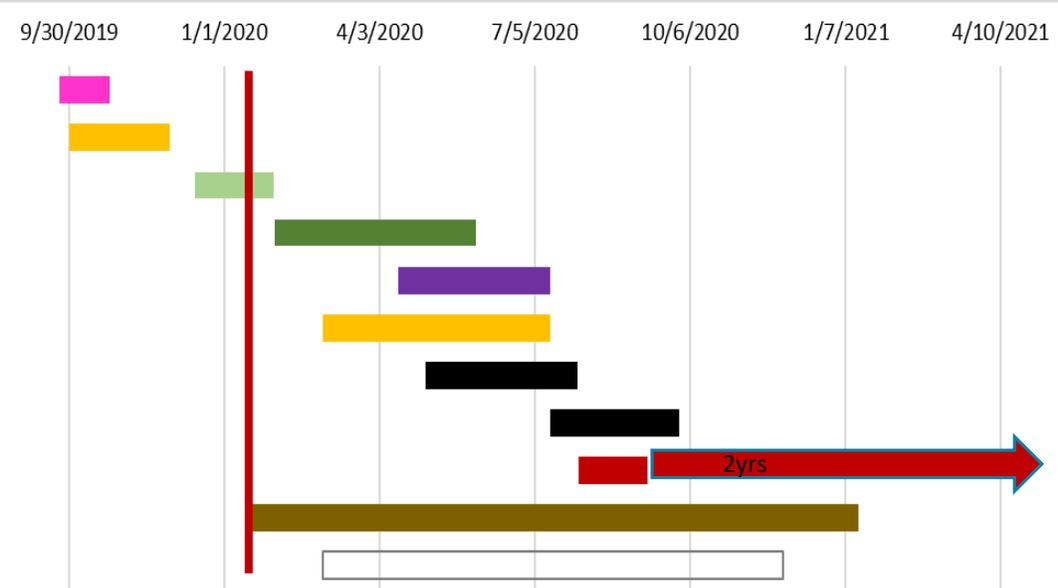


Totem Lake Coordination

Snapshot Date: 1/15/2020

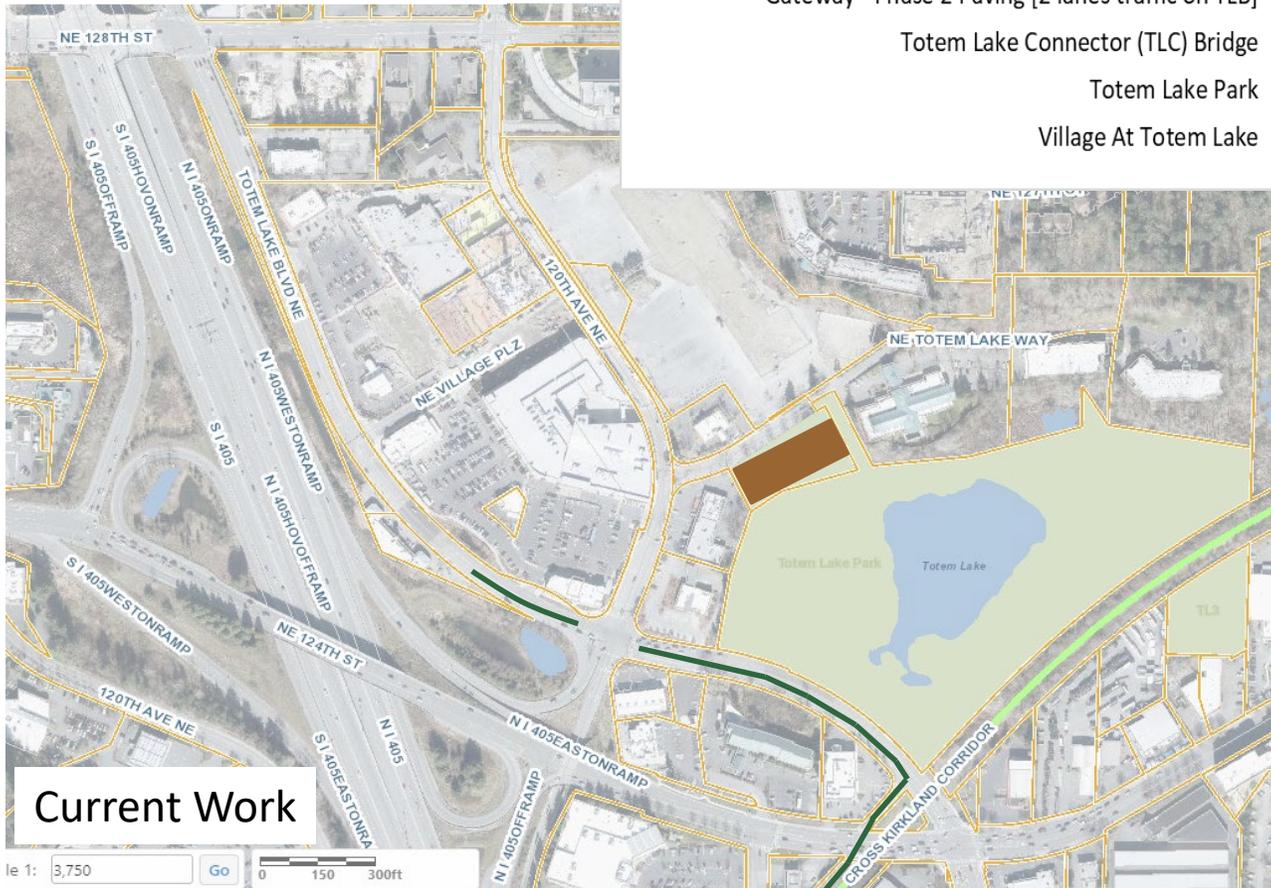


- Gateway - Comfort Inn Outfall Phase
- Kirkland-NUD MOU/ILA(s)
- NUD 8" [JOC] [before 2020 Gateway phases on TLB]
- NUD Forcemain All Phases
- Comfort Inn Storm [before Gateway P2 paving]
- Gateway - Wall and Road Embankment Phase [2 lanes traffic]
- Gateway - Phase 1 Paving
- Gateway - Phase 2 Paving [2 lanes traffic on TLB]
- Totem Lake Connector (TLC) Bridge
- Totem Lake Park
- Village At Totem Lake



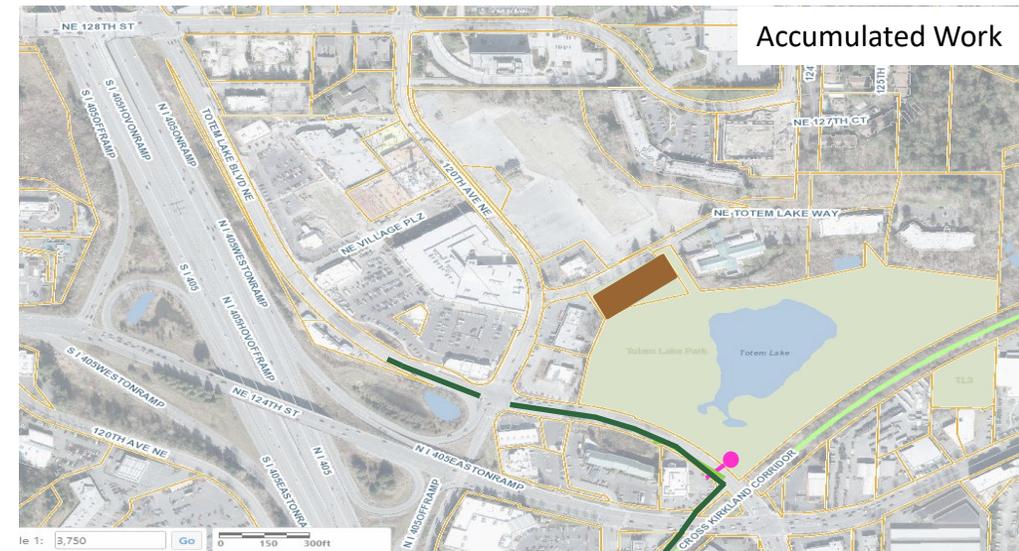
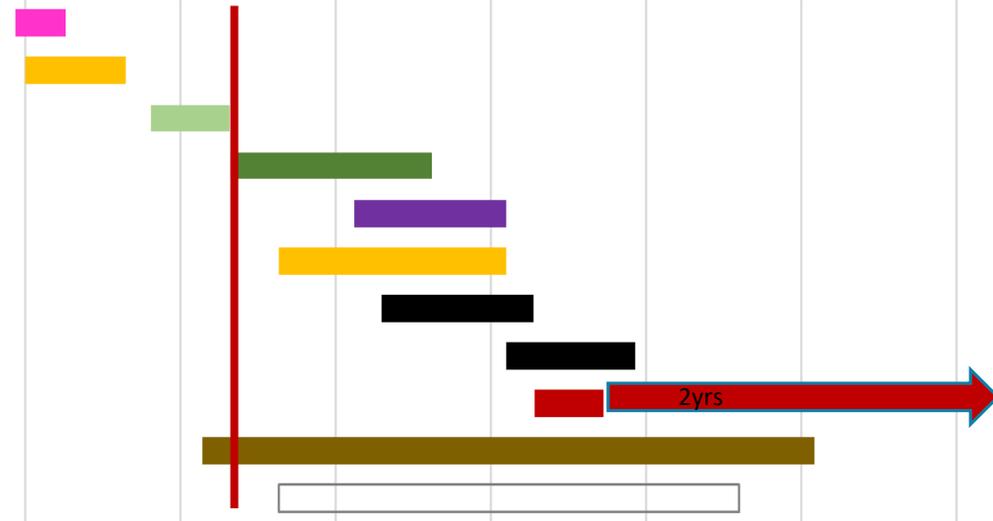
Totem Lake Coordination

Snapshot Date: 2/1/2020



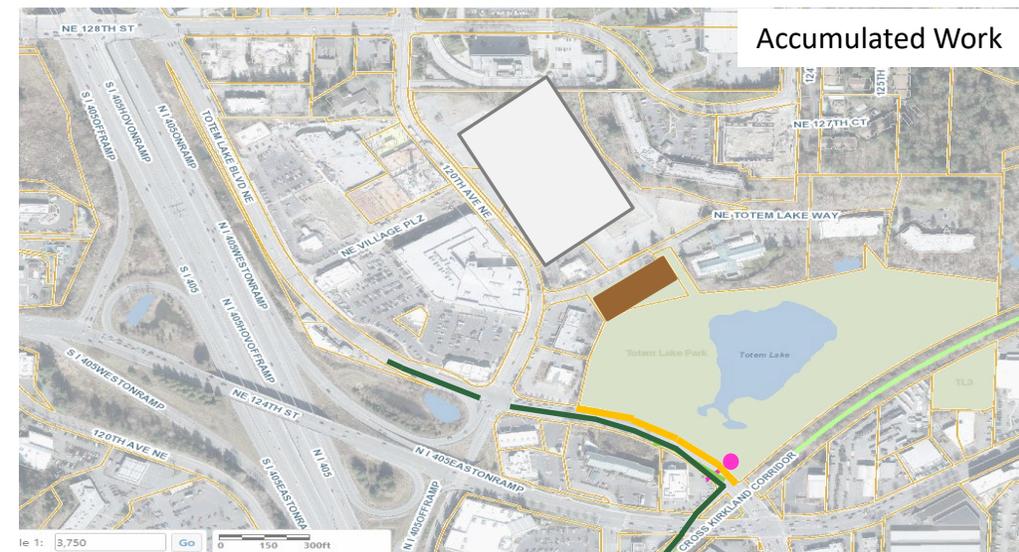
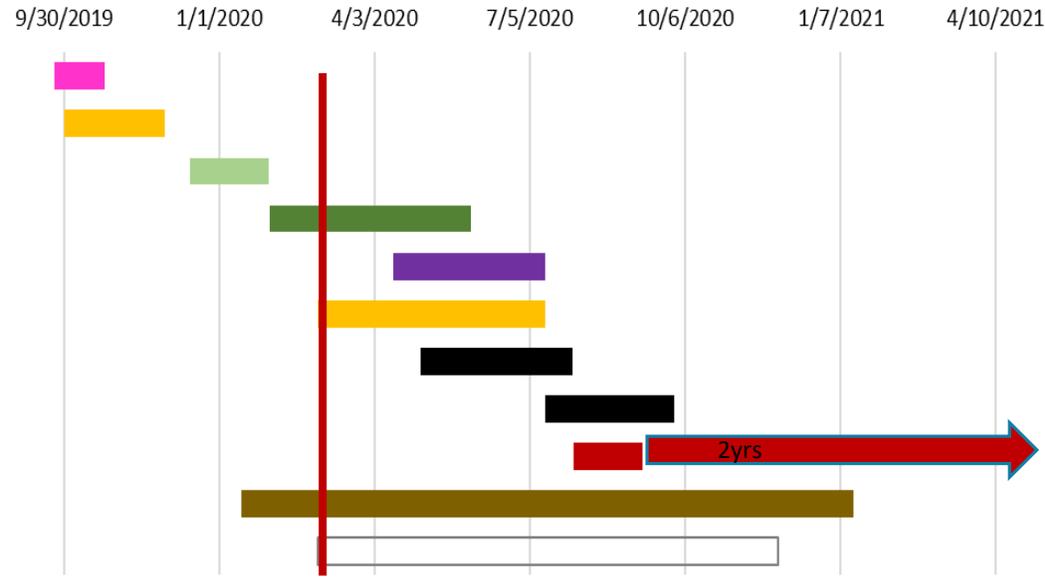
- Gateway - Comfort Inn Outfall Phase
- Kirkland-NUD MOU/ILA(s)
- NUD 8" [JOC] [before 2020 Gateway phases on TLB]
- NUD Forcemain All Phases
- Comfort Inn Storm [before Gateway P2 paving]
- Gateway - Wall and Road Embankment Phase [2 lanes traffic]
- Gateway - Phase 1 Paving
- Gateway - Phase 2 Paving [2 lanes traffic on TLB]
- Totem Lake Connector (TLC) Bridge
- Totem Lake Park
- Village At Totem Lake

6/30/2019 9/30/2019 1/1/2020 4/3/2020 7/5/2020 10/6/2020 1/7/2021 4/10/2021



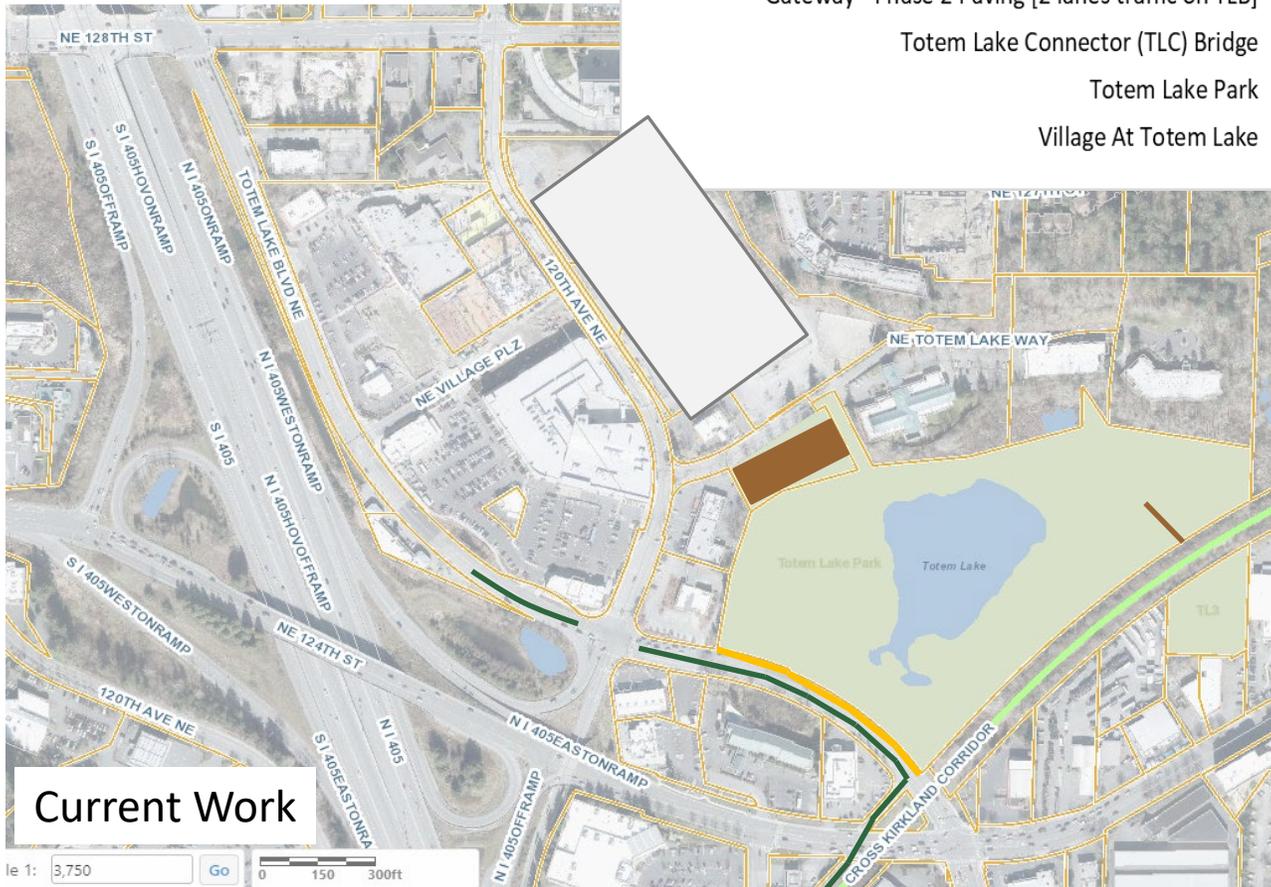
Totem Lake Coordination

Snapshot Date: 3/1/2020



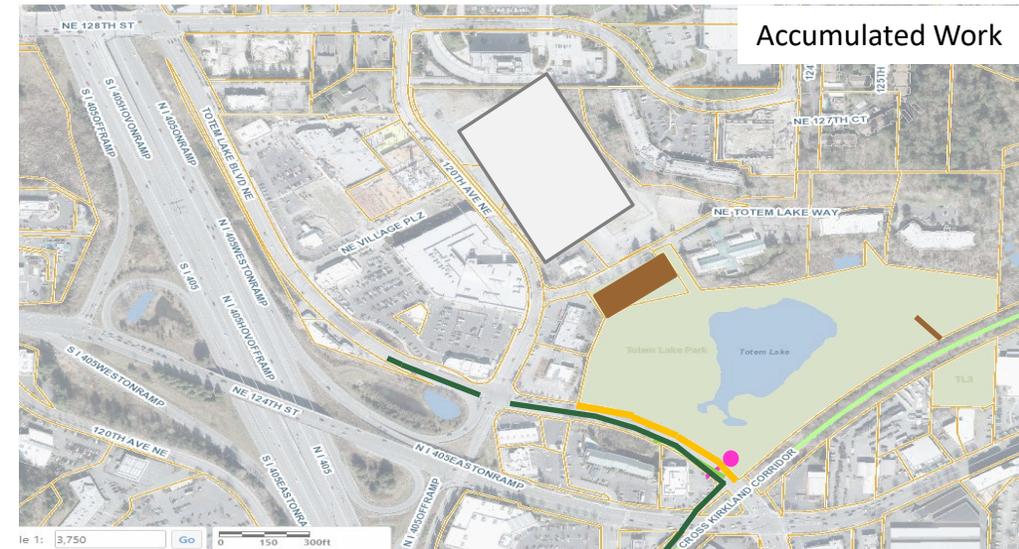
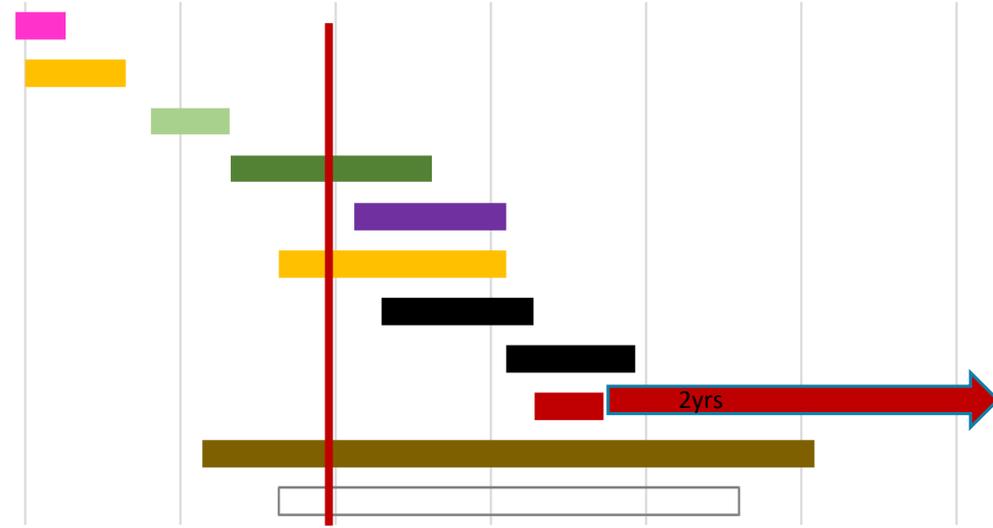
Totem Lake Coordination

Snapshot Date: 4/1/2020



- Gateway - Comfort Inn Outfall Phase
- Kirkland-NUD MOU/ILA(s)
- NUD 8" [JOC] [before 2020 Gateway phases on TLB]
- NUD Forcemain All Phases
- Comfort Inn Storm [before Gateway P2 paving]
- Gateway - Wall and Road Embankment Phase [2 lanes traffic]
- Gateway - Phase 1 Paving
- Gateway - Phase 2 Paving [2 lanes traffic on TLB]
- Totem Lake Connector (TLC) Bridge
- Totem Lake Park
- Village At Totem Lake

6/30/2019 9/30/2019 1/1/2020 4/3/2020 7/5/2020 10/6/2020 1/7/2021 4/10/2021

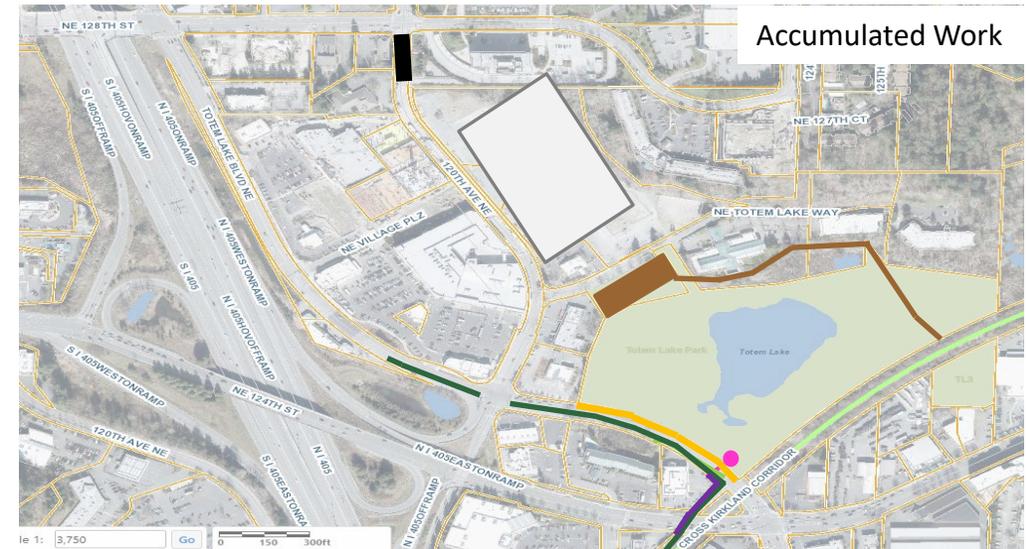
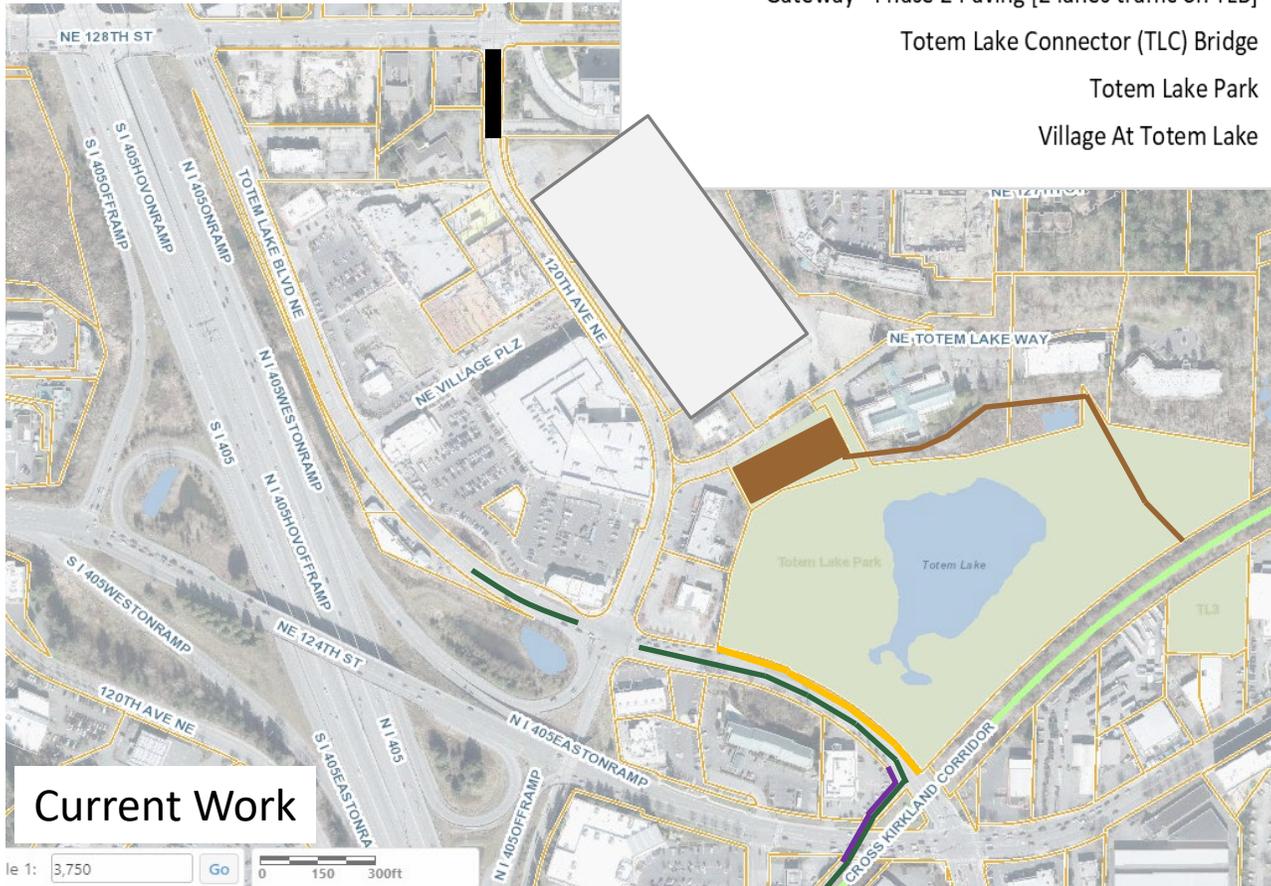
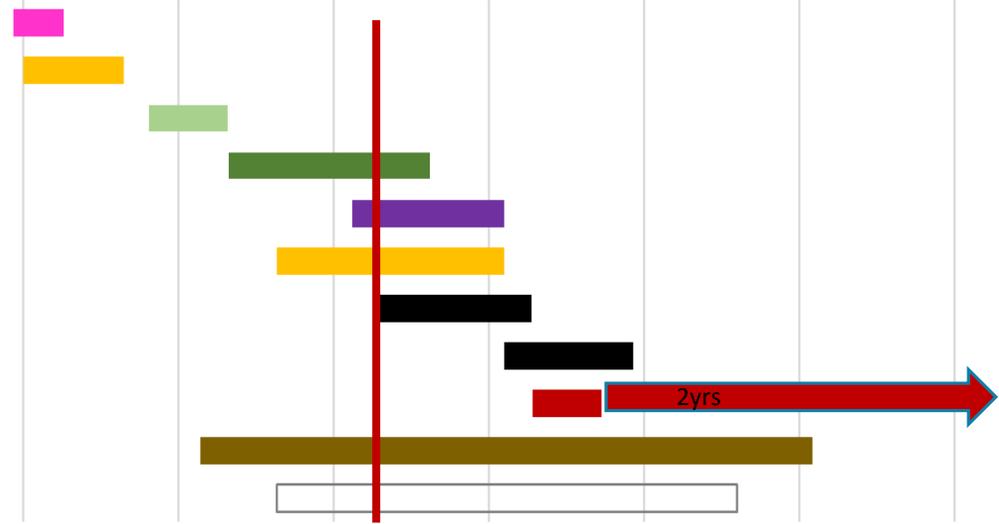


Totem Lake Coordination

Snapshot Date: 5/1/2020

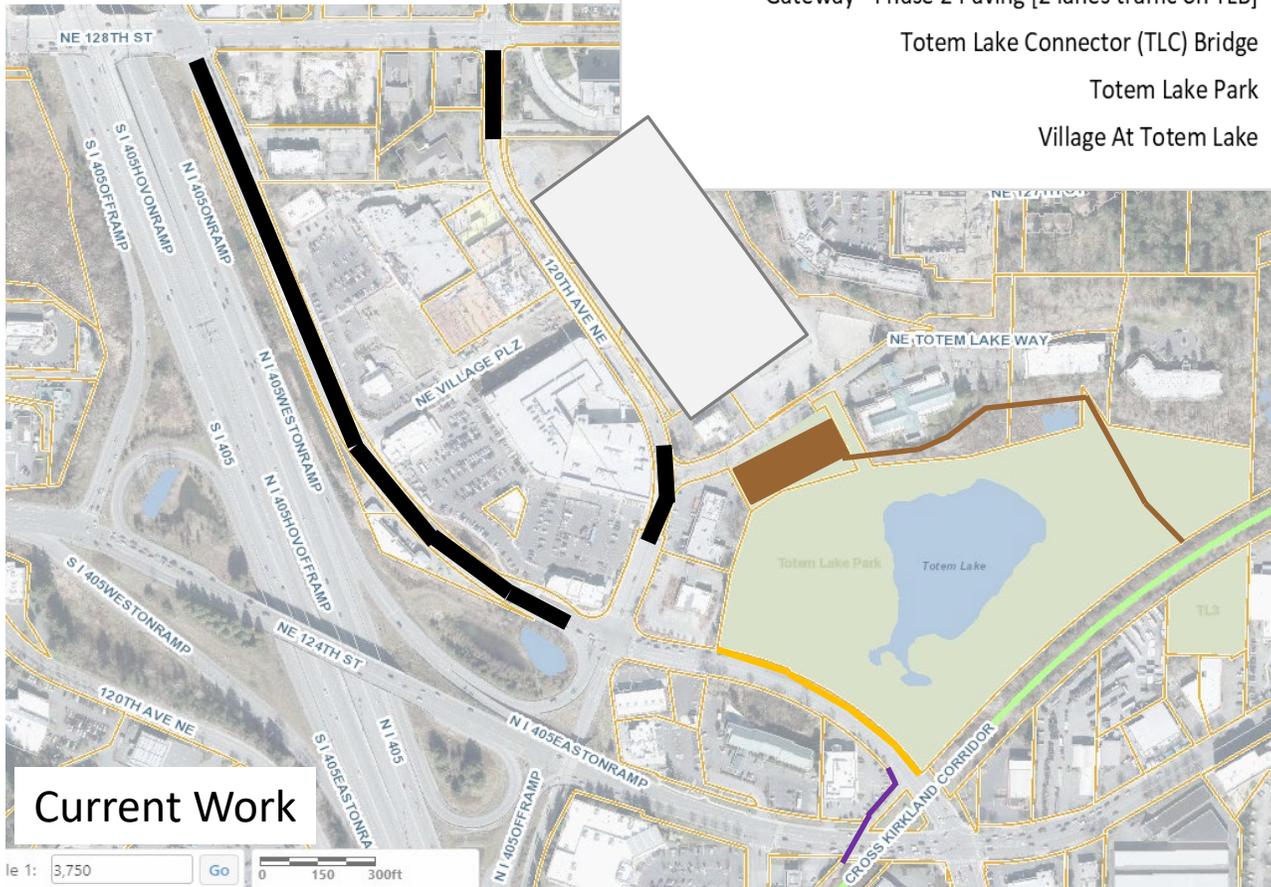
- Gateway - Comfort Inn Outfall Phase
- Kirkland-NUD MOU/ILA(s)
- NUD 8" [JOC] [before 2020 Gateway phases on TLB]
- NUD Forcemain All Phases
- Comfort Inn Storm [before Gateway P2 paving]
- Gateway - Wall and Road Embankment Phase [2 lanes traffic]
- Gateway - Phase 1 Paving
- Gateway - Phase 2 Paving [2 lanes traffic on TLB]
- Totem Lake Connector (TLC) Bridge
- Totem Lake Park
- Village At Totem Lake

6/30/2019 9/30/2019 1/1/2020 4/3/2020 7/5/2020 10/6/2020 1/7/2021 4/10/2021



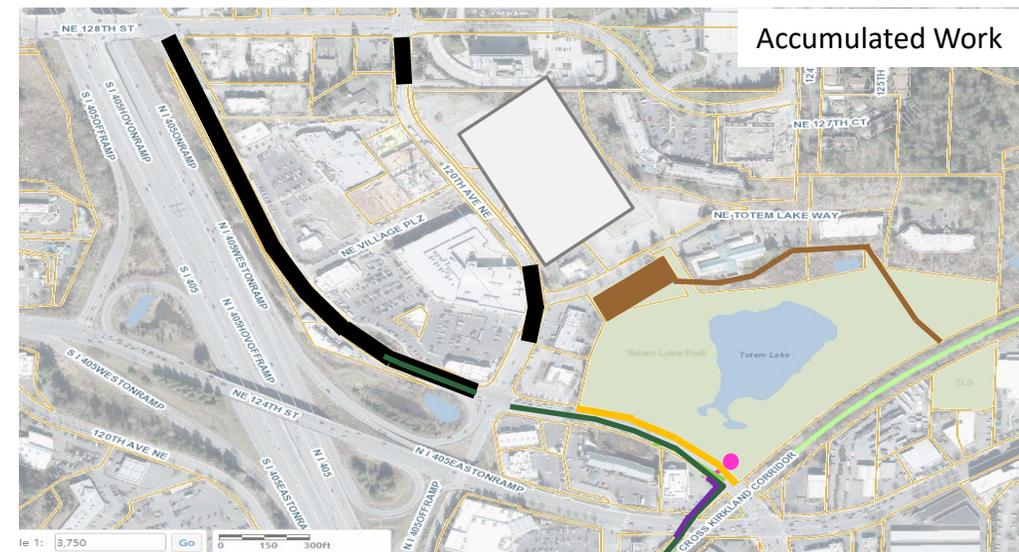
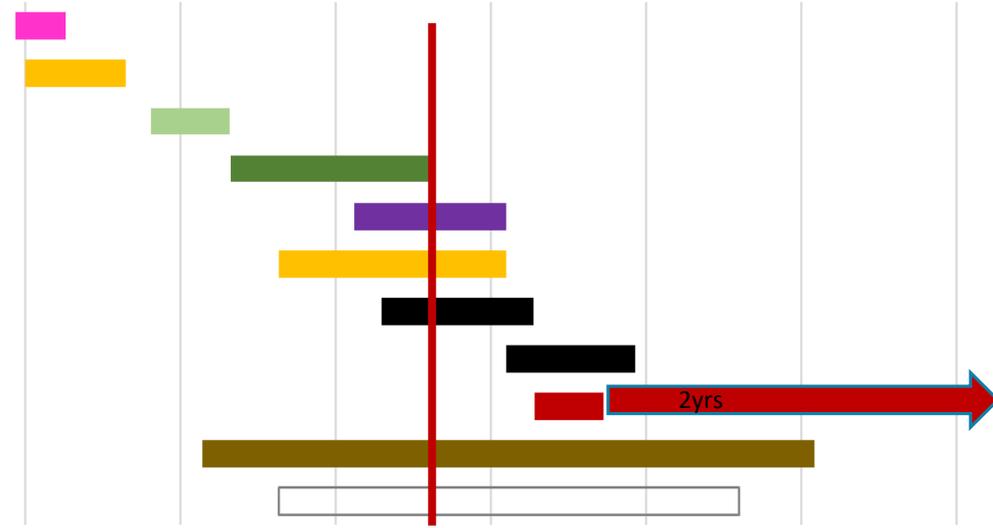
Totem Lake Coordination

Snapshot Date: 6/1/2020



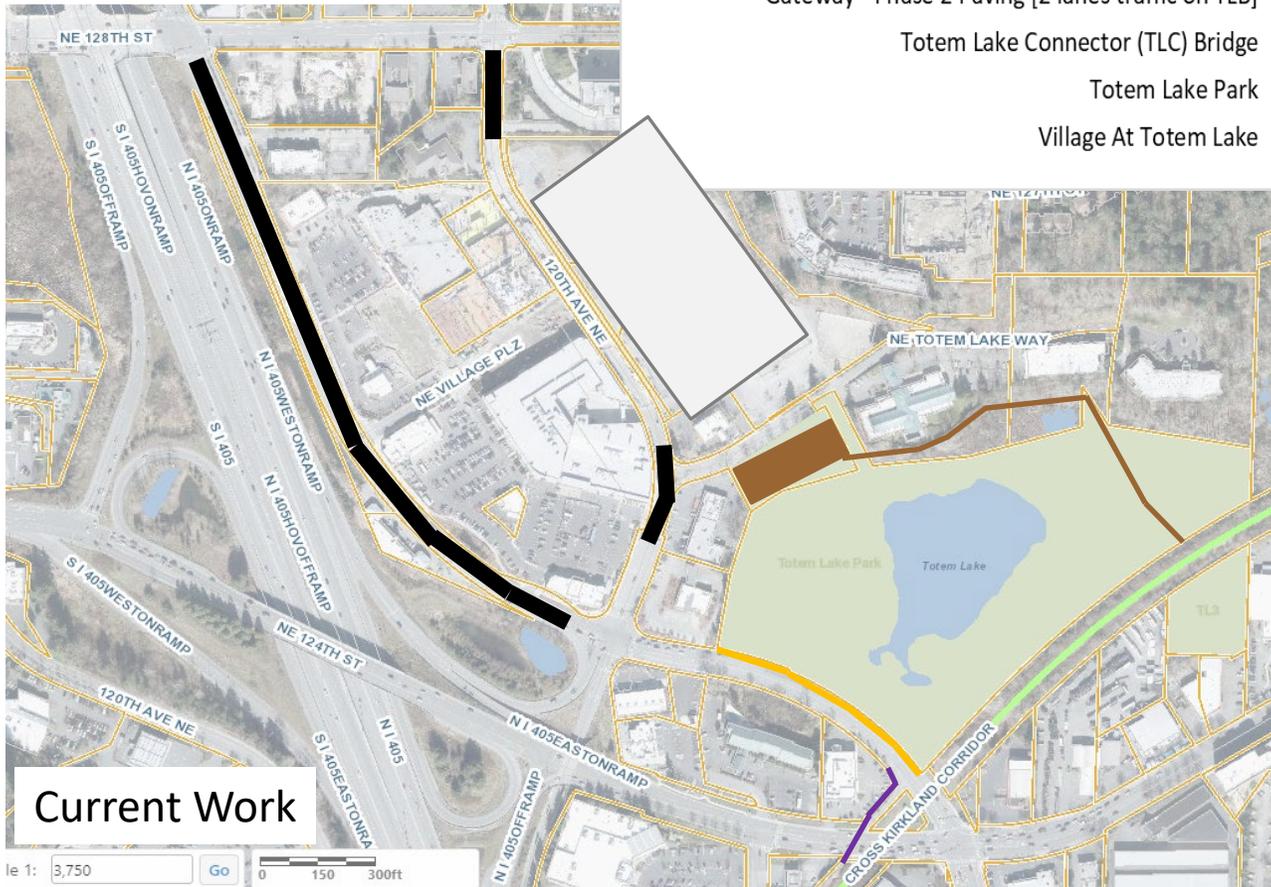
- Gateway - Comfort Inn Outfall Phase
- Kirkland-NUD MOU/ILA(s)
- NUD 8" [JOC] [before 2020 Gateway phases on TLB]
- NUD Forcemain All Phases
- Comfort Inn Storm [before Gateway P2 paving]
- Gateway - Wall and Road Embankment Phase [2 lanes traffic]
- Gateway - Phase 1 Paving
- Gateway - Phase 2 Paving [2 lanes traffic on TLB]
- Totem Lake Connector (TLC) Bridge
- Totem Lake Park
- Village At Totem Lake

6/30/2019 9/30/2019 1/1/2020 4/3/2020 7/5/2020 10/6/2020 1/7/2021 4/10/2021



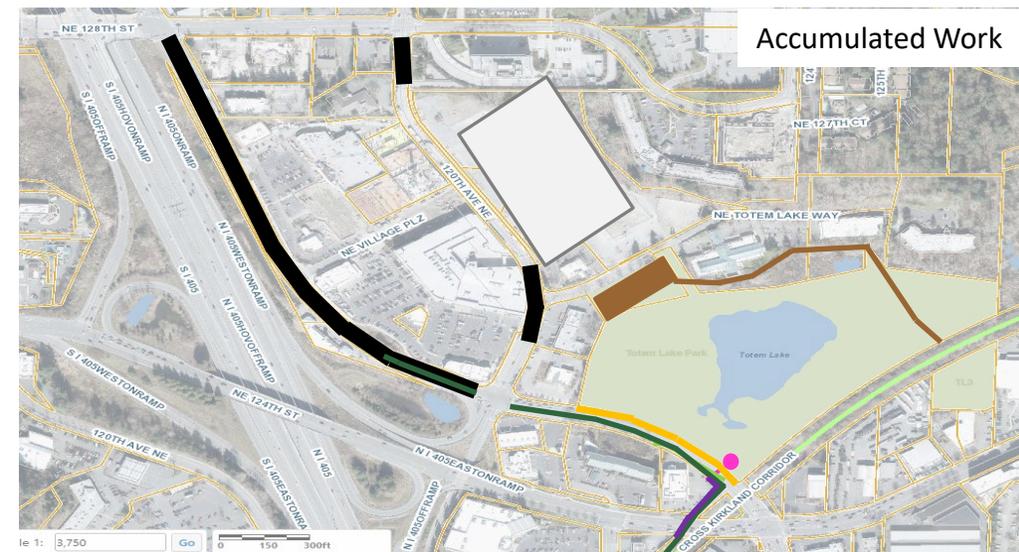
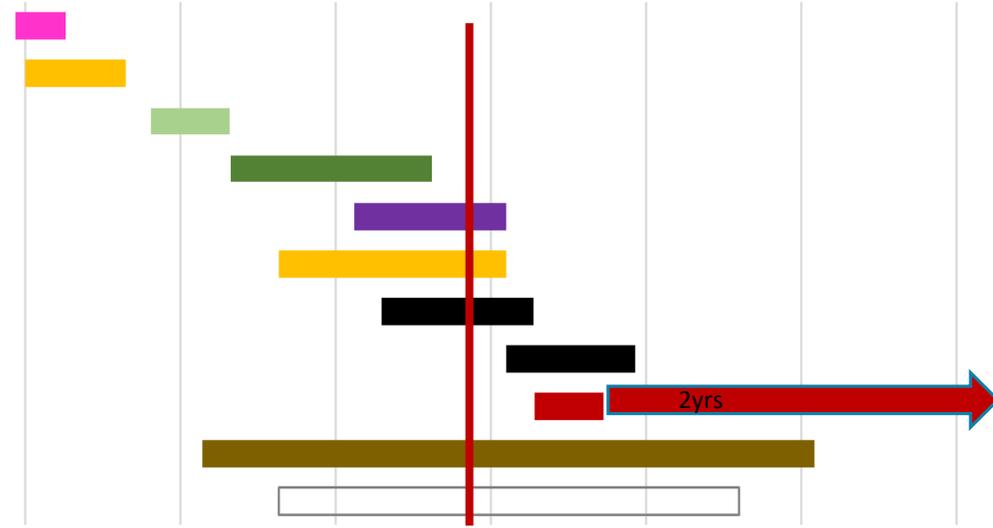
Totem Lake Coordination

Snapshot Date: 7/1/2020



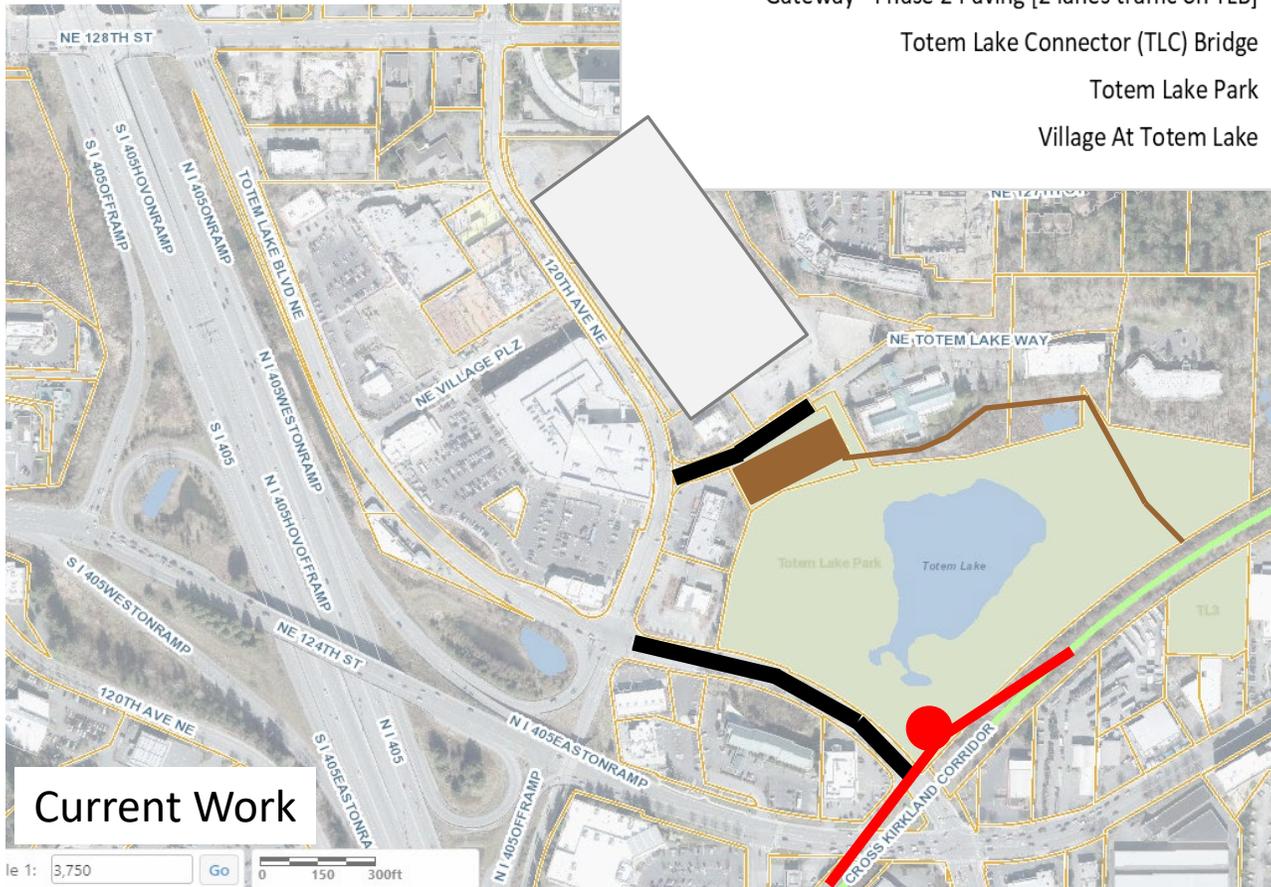
- Gateway - Comfort Inn Outfall Phase
- Kirkland-NUD MOU/ILA(s)
- NUD 8" [JOC] [before 2020 Gateway phases on TLB]
- NUD Forcemain All Phases
- Comfort Inn Storm [before Gateway P2 paving]
- Gateway - Wall and Road Embankment Phase [2 lanes traffic]
- Gateway - Phase 1 Paving
- Gateway - Phase 2 Paving [2 lanes traffic on TLB]
- Totem Lake Connector (TLC) Bridge
- Totem Lake Park
- Village At Totem Lake

6/30/2019 9/30/2019 1/1/2020 4/3/2020 7/5/2020 10/6/2020 1/7/2021 4/10/2021

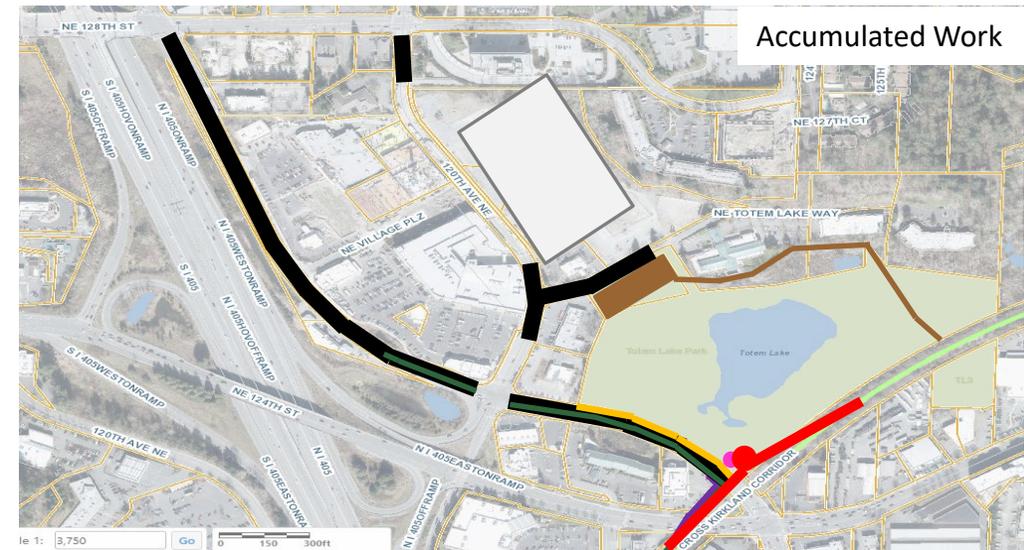
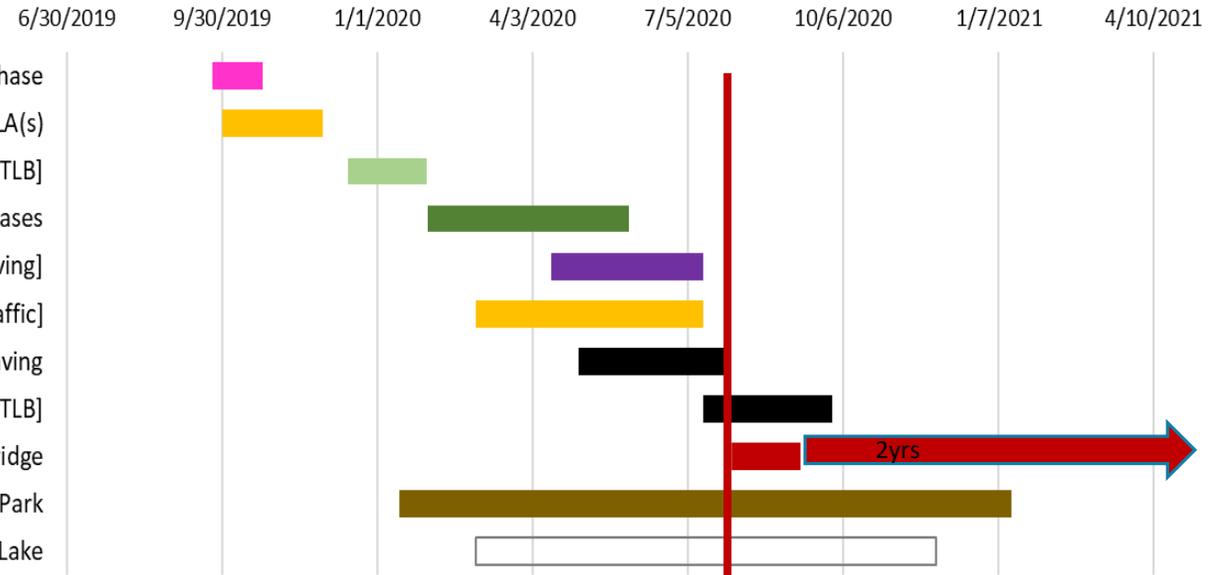


Totem Lake Coordination

Snapshot Date: 8/1/2020

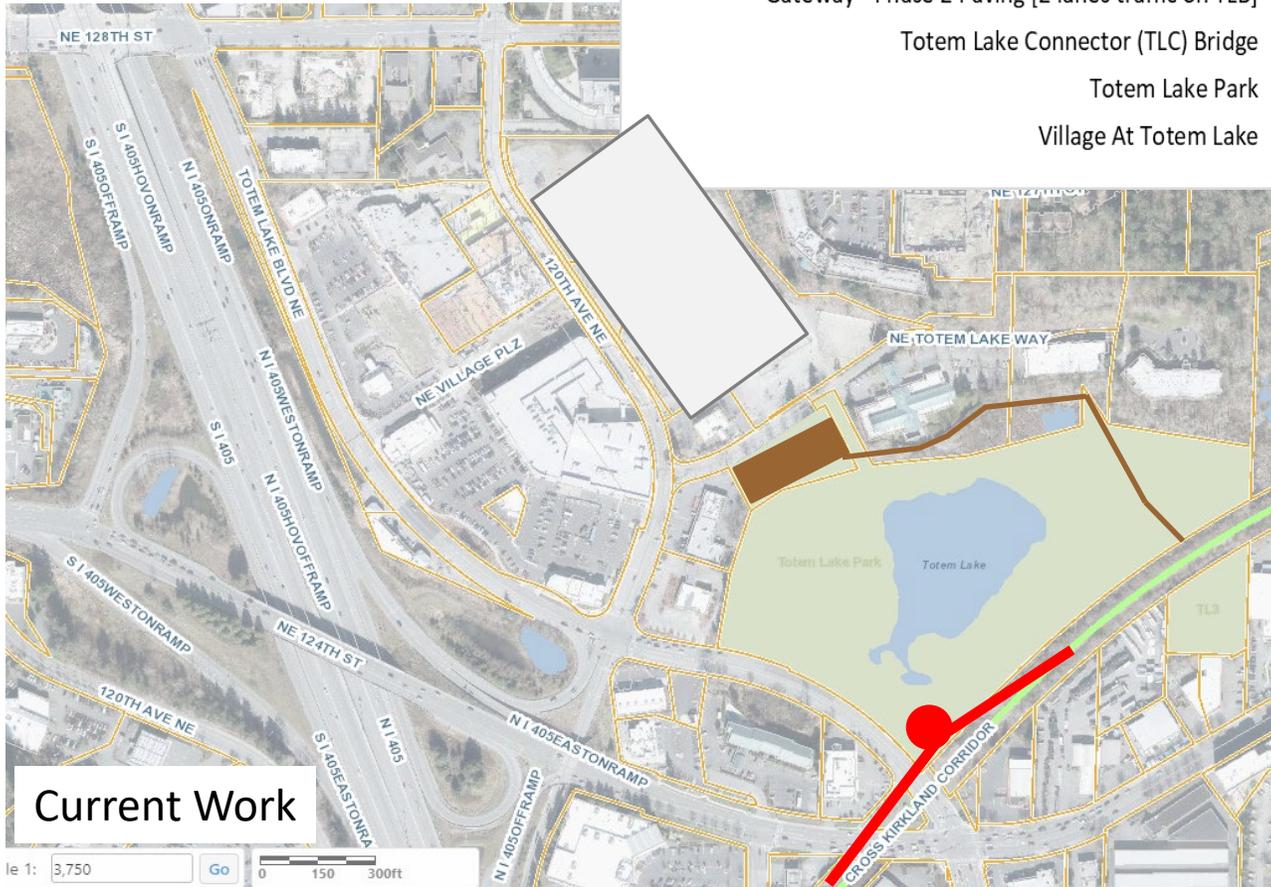


- Gateway - Comfort Inn Outfall Phase
- Kirkland-NUD MOU/ILA(s)
- NUD 8" [JOC] [before 2020 Gateway phases on TLB]
- NUD Forcemain All Phases
- Comfort Inn Storm [before Gateway P2 paving]
- Gateway - Wall and Road Embankment Phase [2 lanes traffic]
- Gateway - Phase 1 Paving
- Gateway - Phase 2 Paving [2 lanes traffic on TLB]
- Totem Lake Connector (TLC) Bridge
- Totem Lake Park
- Village At Totem Lake

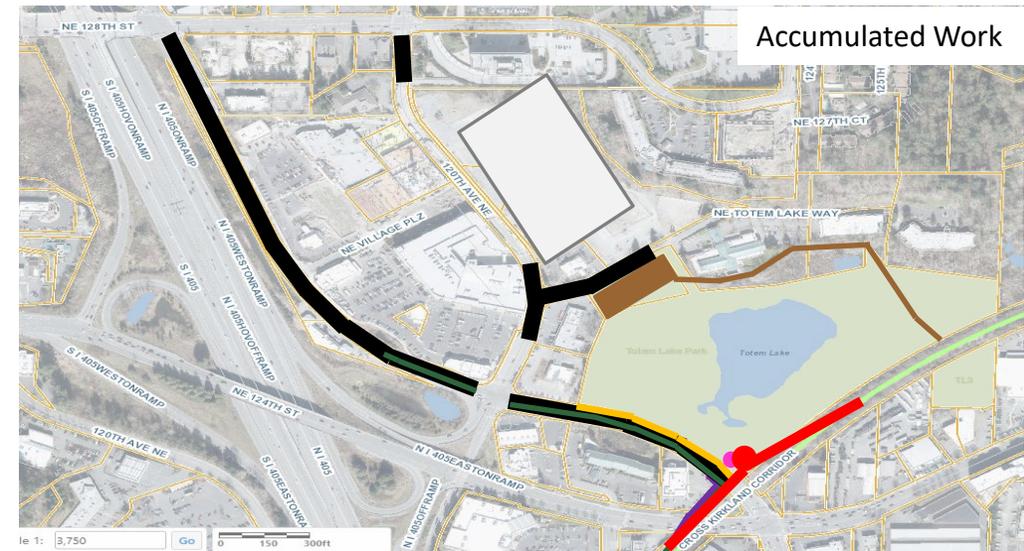
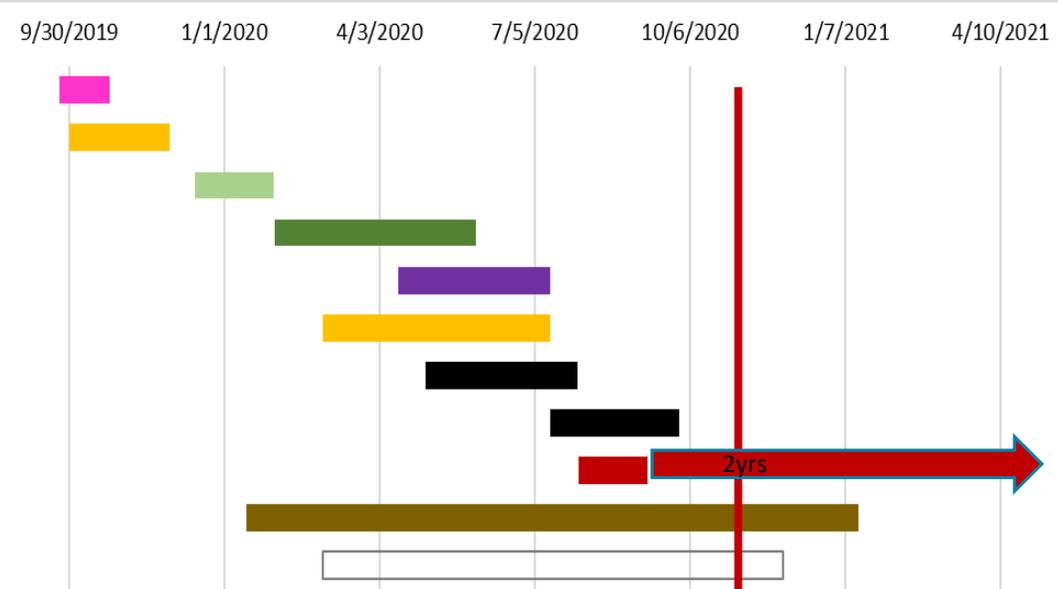


Totem Lake Coordination

Snapshot Date: 11/1/2020



- Gateway - Comfort Inn Outfall Phase
- Kirkland-NUD MOU/ILA(s)
- NUD 8" [JOC] [before 2020 Gateway phases on TLB]
- NUD Forcemain All Phases
- Comfort Inn Storm [before Gateway P2 paving]
- Gateway - Wall and Road Embankment Phase [2 lanes traffic]
- Gateway - Phase 1 Paving
- Gateway - Phase 2 Paving [2 lanes traffic on TLB]
- Totem Lake Connector (TLC) Bridge
- Totem Lake Park
- Village At Totem Lake



Totem Lake Coordination

Needs	daily	weekly	notes
Schedule tracking	x		
Change management resolution	x		
Traffic control	x		
Outreach	x		
Financial check-in [incl TIB invoicing]		x	
PM coordination		x	
Maintenance center coordination		x	
NUD coordination		x	



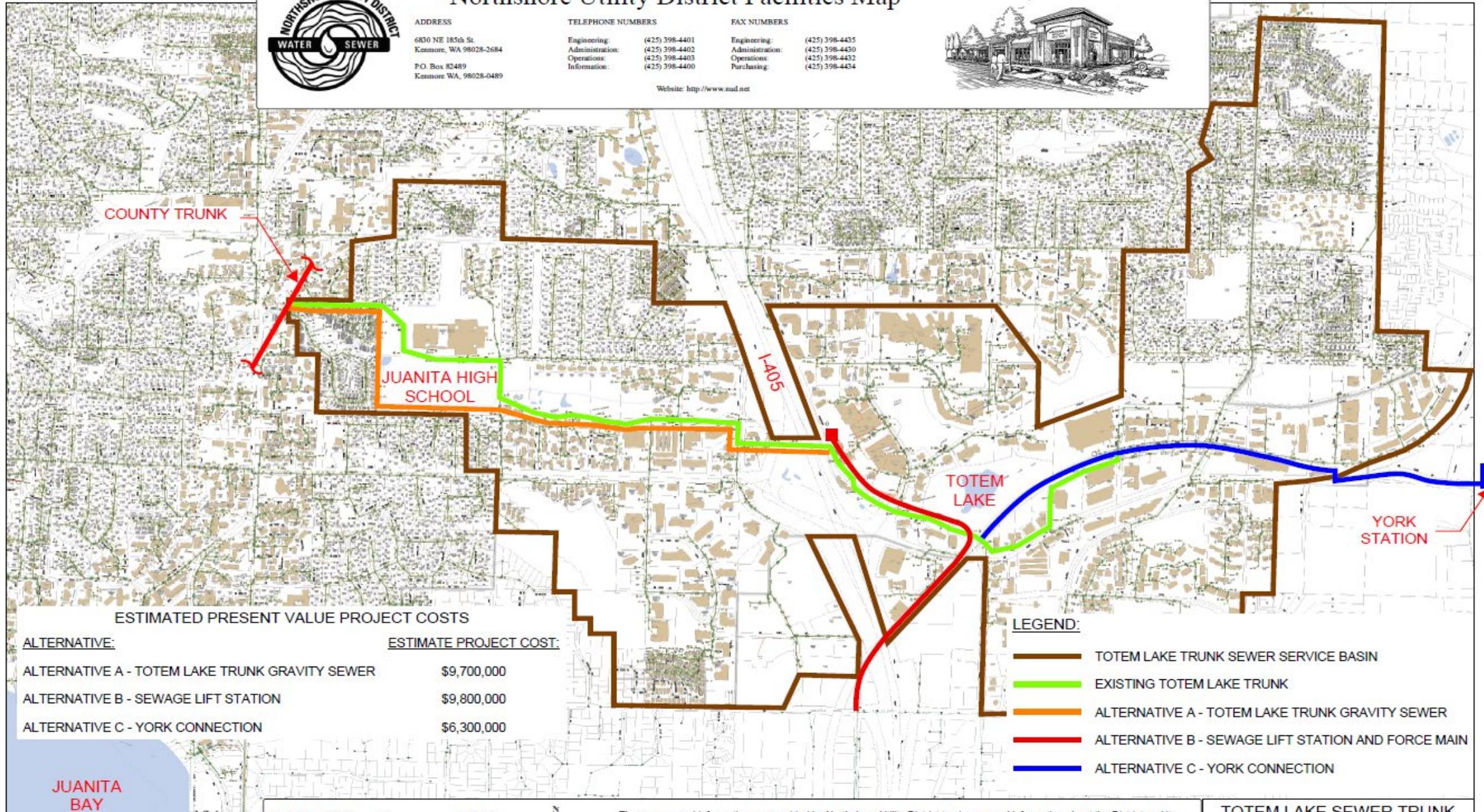
Northshore Utility District Facilities Map

ADDRESS
 6830 NE 185th St.
 Kenmore, WA 98028-2684
 P.O. Box 82489
 Kenmore WA, 98028-0489

TELEPHONE NUMBERS
 Engineering: (425) 398-4401
 Administration: (425) 398-4402
 Operations: (425) 398-4403
 Information: (425) 398-4400

FAX NUMBERS
 Engineering: (425) 398-4435
 Administration: (425) 398-4430
 Operations: (425) 398-4432
 Purchasing: (425) 398-4434

Website: <http://www.nud.net>



ESTIMATED PRESENT VALUE PROJECT COSTS

ALTERNATIVE:	ESTIMATE PROJECT COST:
ALTERNATIVE A - TOTEM LAKE TRUNK GRAVITY SEWER	\$9,700,000
ALTERNATIVE B - SEWAGE LIFT STATION	\$9,800,000
ALTERNATIVE C - YORK CONNECTION	\$6,300,000

LEGEND:

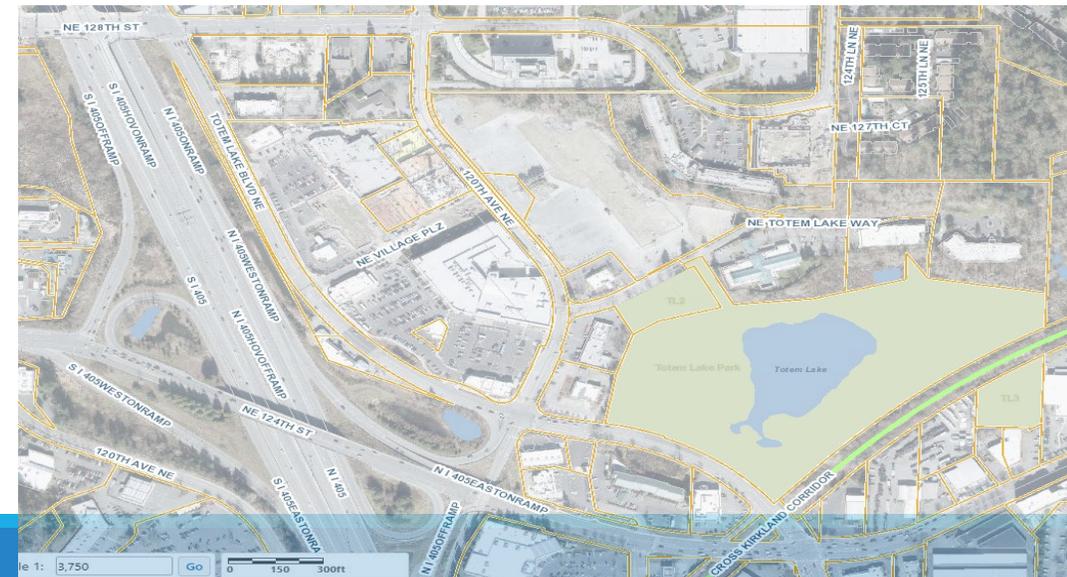
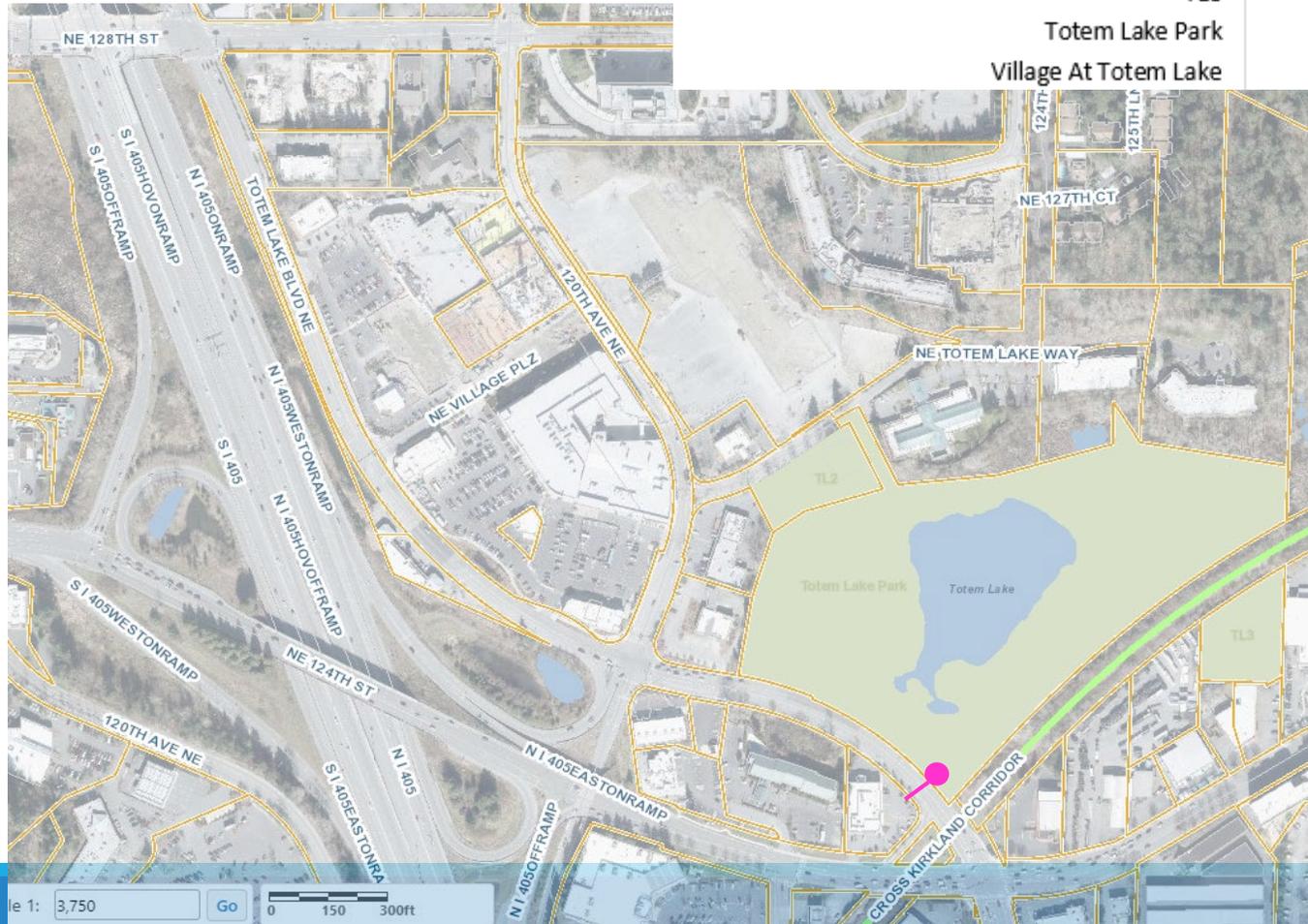
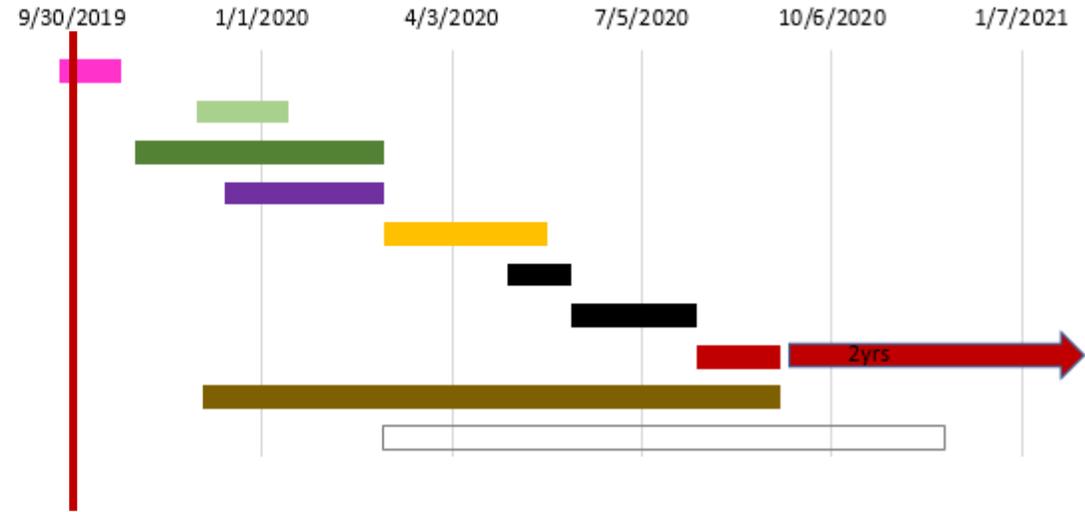
- TOTEM LAKE TRUNK SEWER SERVICE BASIN
- EXISTING TOTEM LAKE TRUNK
- ALTERNATIVE A - TOTEM LAKE TRUNK GRAVITY SEWER
- ALTERNATIVE B - SEWAGE LIFT STATION AND FORCE MAIN
- ALTERNATIVE C - YORK CONNECTION

JUANITA BAY

TOTEM LAKE SEWER TRUNK

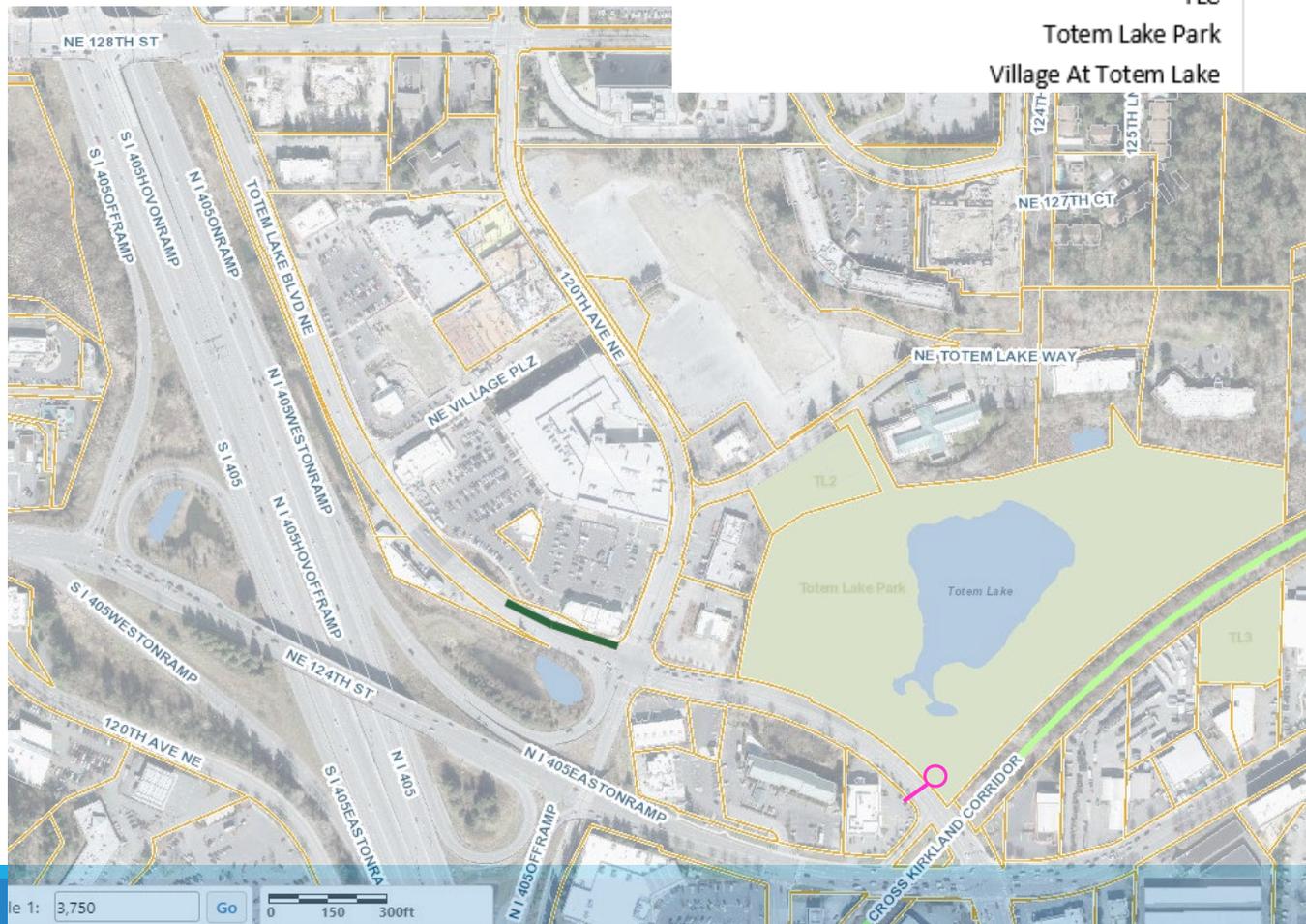
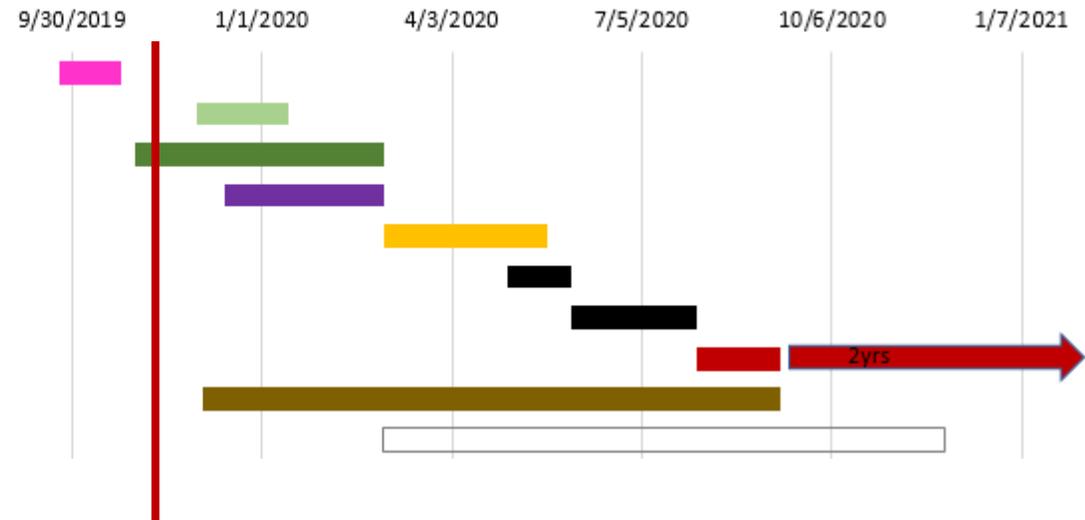
Totem Lake Coordination

- 6/30/2019 Gateway [Comfort Inn Outfall]
- NUD 8" [JOC]
- Forcemain Phase 1 & 2
- Comfort Inn [complete before Gateway P2 paving]
- Gateway [wall and road rebuild][2 lanes traffic]
- Gateway P1 Paving
- Gateway P2 Paving
- TLC
- Totem Lake Park
- Village At Totem Lake

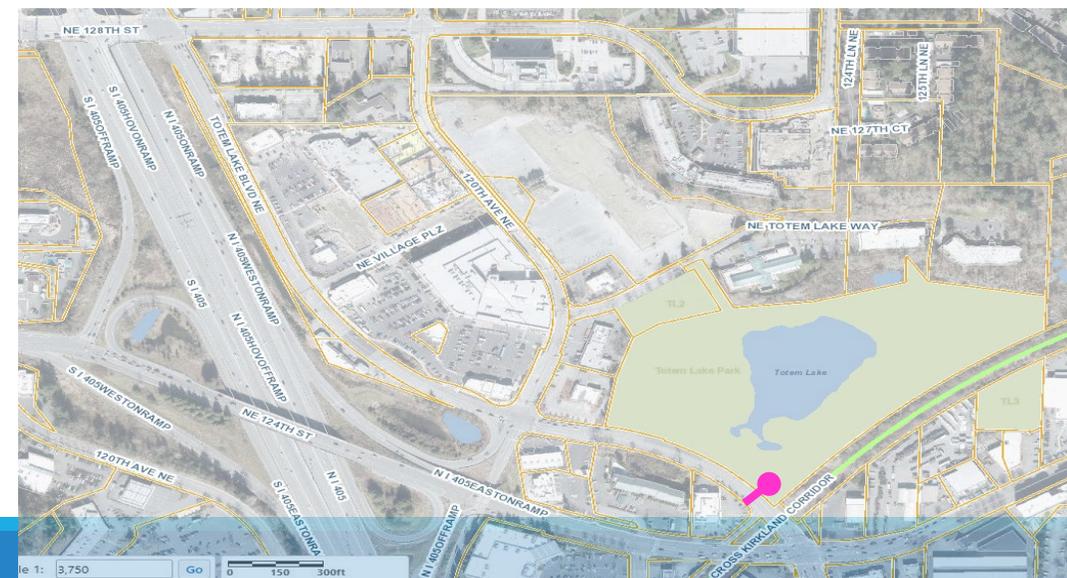


Totem Lake Coordination

- 6/30/2019
- Gateway [Comfort Inn Outfall]
- NUD 8" [JOC]
- Forcemain Phase 1 & 2
- Comfort Inn [complete before Gateway P2 paving]
- Gateway [wall and road rebuild][2 lanes traffic]
- Gateway P1 Paving
- Gateway P2 Paving
- TLC
- Totem Lake Park
- Village At Totem Lake



NUD FM: needs SEPA, very fast schedule
 need resource evaluation
 [more than 1 crew?]



Totem Lake Coordination

- Gateway [Comfort Inn Outfall]
- NUD 8" [JOC]
- Forcemain Phase 1 & 2
- Comfort Inn [complete before Gateway P2 paving]
- Gateway [wall and road rebuild][2 lanes traffic]
- Gateway P1 Paving
- Gateway P2 Paving
- TLC
- Totem Lake Park
- Village At Totem Lake

6/30/2019

9/30/2019

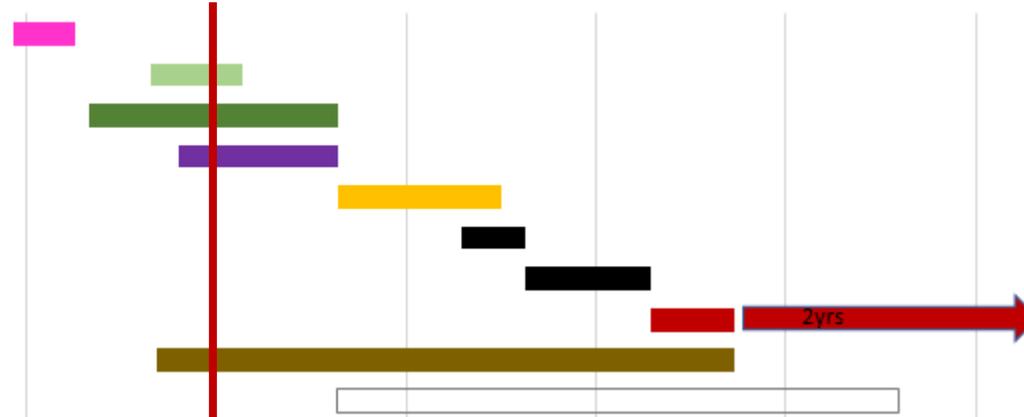
1/1/2020

4/3/2020

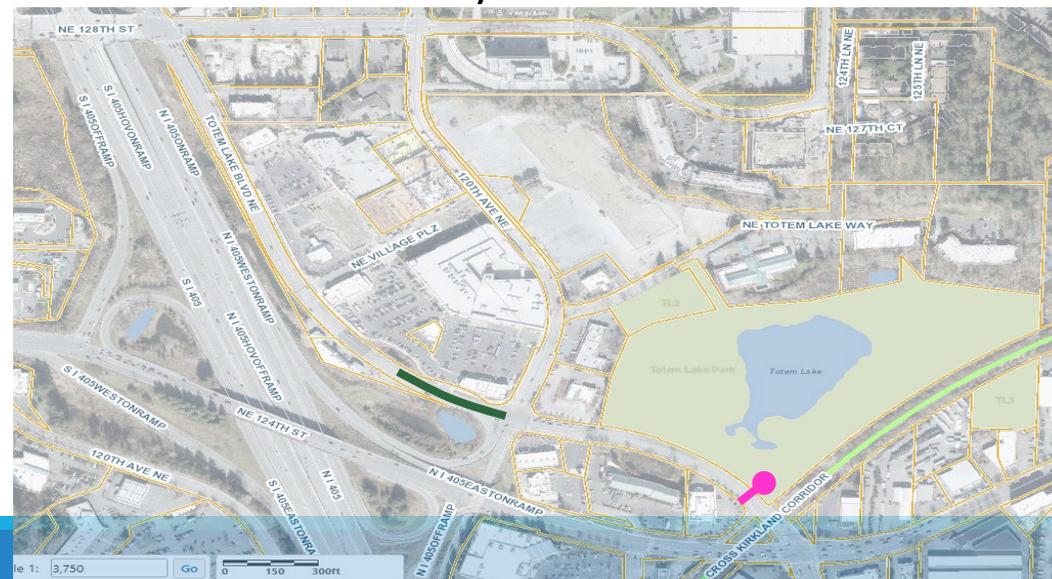
7/5/2020

10/6/2020

1/7/2021



8" sewer for TLC
 Comfort Inn
 Close right turn lane?
 Risk: weather & holidays



Totem Lake Coordination

- Gateway [Comfort Inn Outfall]
- NUD 8" [JOC]
- Forcemain Phase 1 & 2
- Comfort Inn [complete before Gateway P2 paving]
- Gateway [wall and road rebuild][2 lanes traffic]
- Gateway P1 Paving
- Gateway P2 Paving
- TLC
- Totem Lake Park
- Village At Totem Lake

6/30/2019

9/30/2019

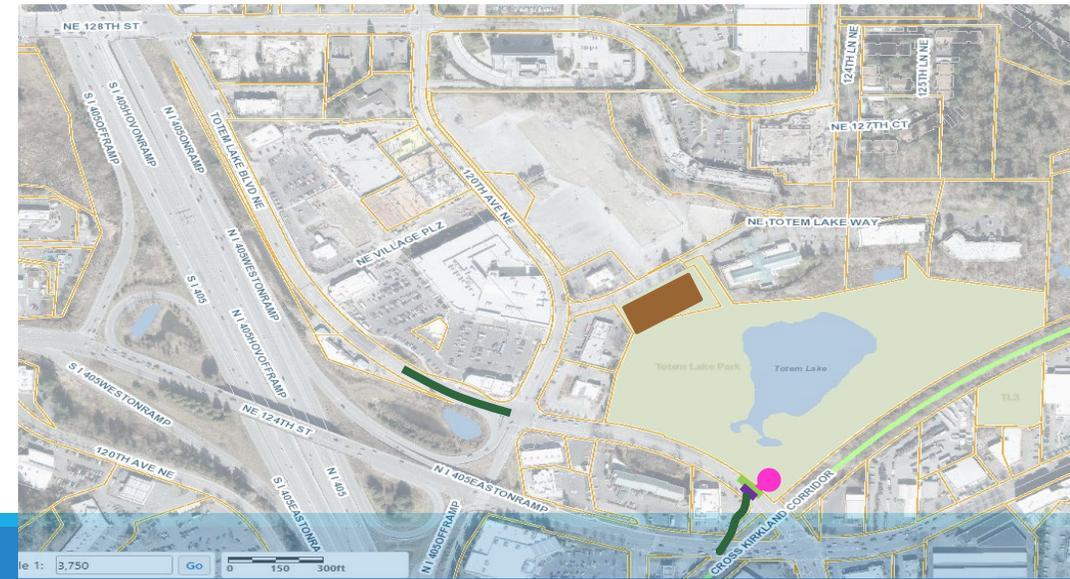
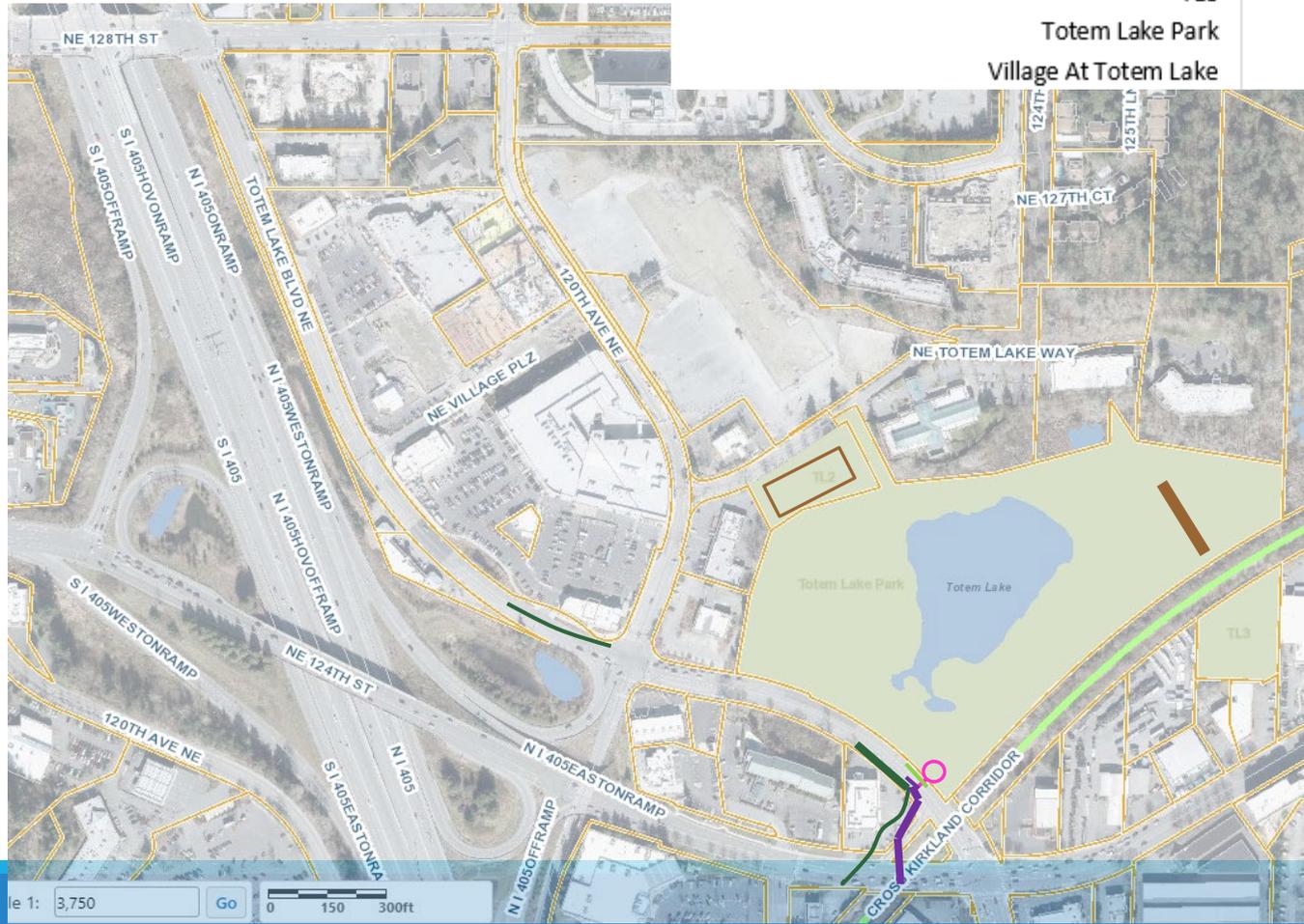
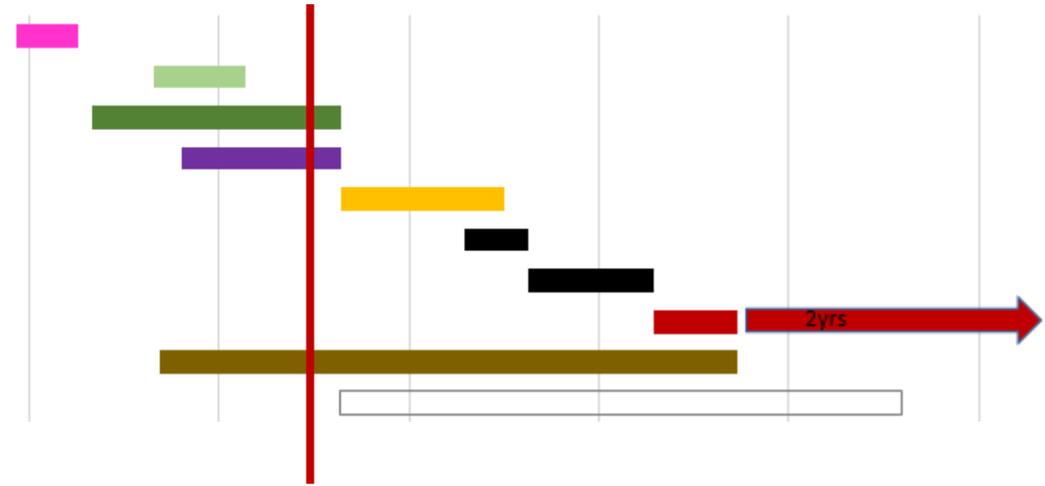
1/1/2020

4/3/2020

7/5/2020

10/6/2020

1/7/2021



Totem Lake Coordination

- Gateway [Comfort Inn Outfall]
- NUD 8" [JOC]
- Forcemain Phase 1 & 2
- Comfort Inn [complete before Gateway P2 paving]
- Gateway [wall and road rebuild][2 lanes traffic]
- Gateway P1 Paving
- Gateway P2 Paving
- TLC
- Totem Lake Park
- Village At Totem Lake

6/30/2019

9/30/2019

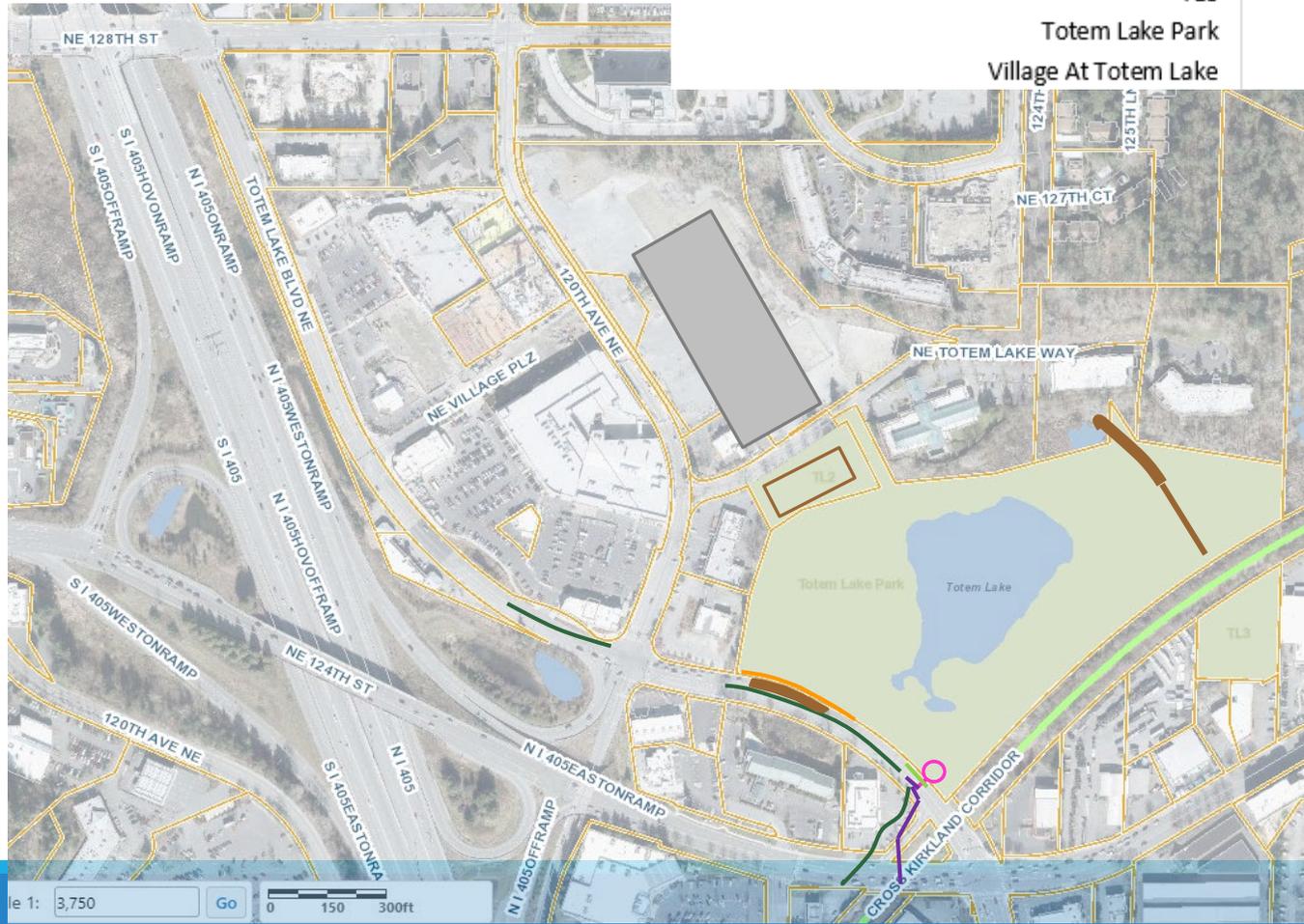
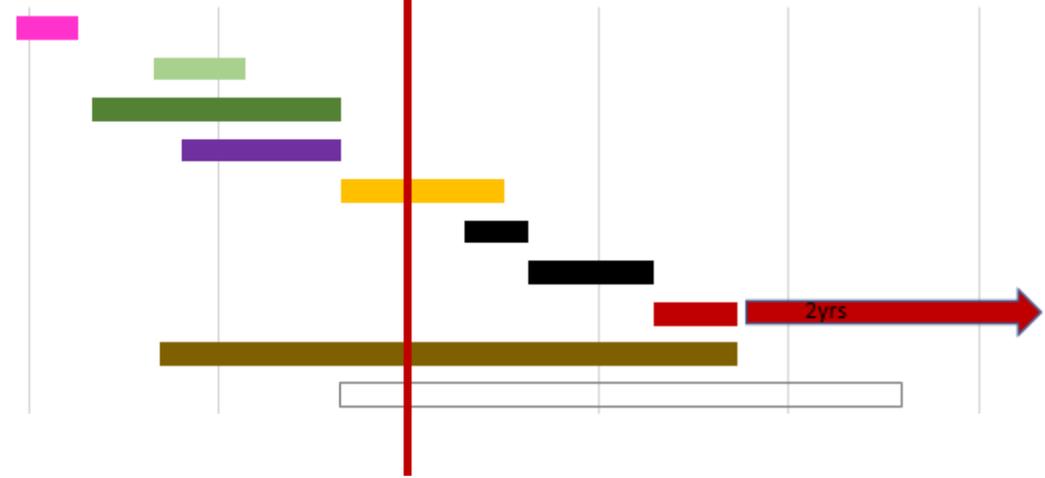
1/1/2020

4/3/2020

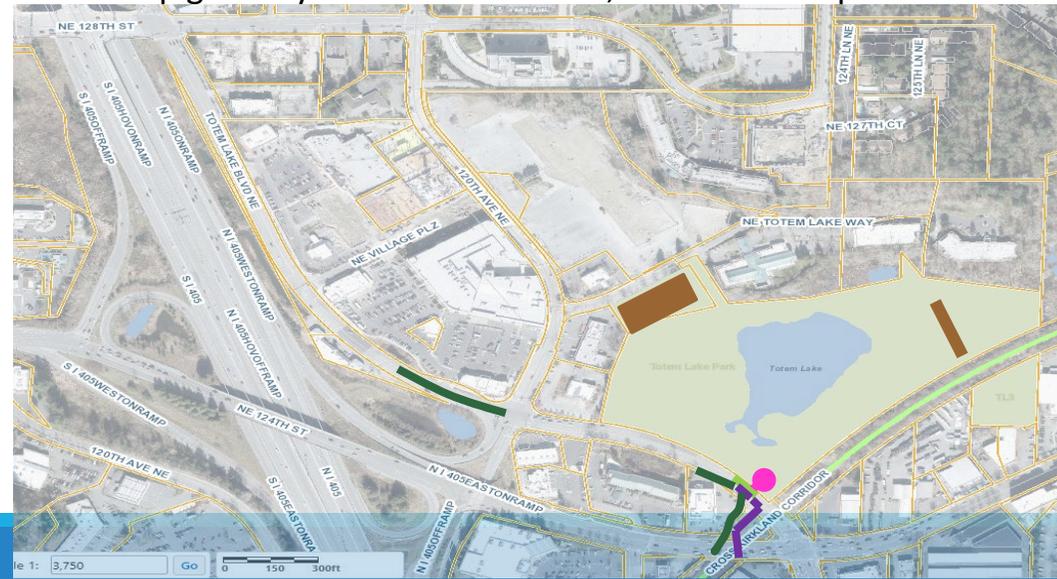
7/5/2020

10/6/2020

1/7/2021



Park Boardwalk: contract provision to begin work along CKC, to minimize risk of TLC crews using CKC for access/staging
 Traffic coordination: 2 lanes on TL BLVD.
 Gateway wall – night take lane; open during day
 Bust stop gateway closed northbound; southbound open



Totem Lake Coordination

- Gateway [Comfort Inn Outfall]
- NUD 8" [JOC]
- Forcemain Phase 1 & 2
- Comfort Inn [complete before Gateway P2 paving]
- Gateway [wall and road rebuild][2 lanes traffic]
- Gateway P1 Paving
- Gateway P2 Paving
- TLC
- Totem Lake Park
- Village At Totem Lake

6/30/2019

9/30/2019

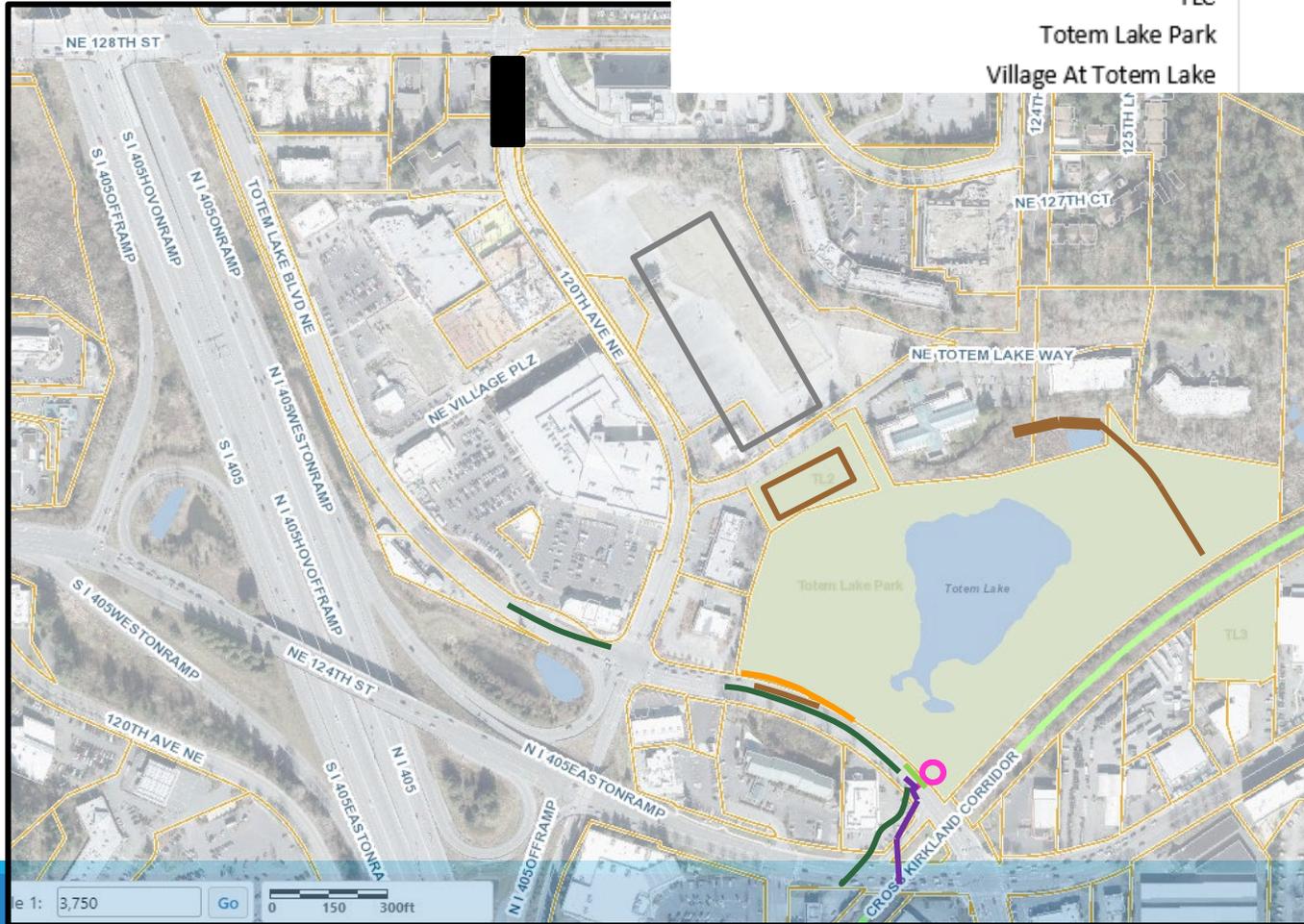
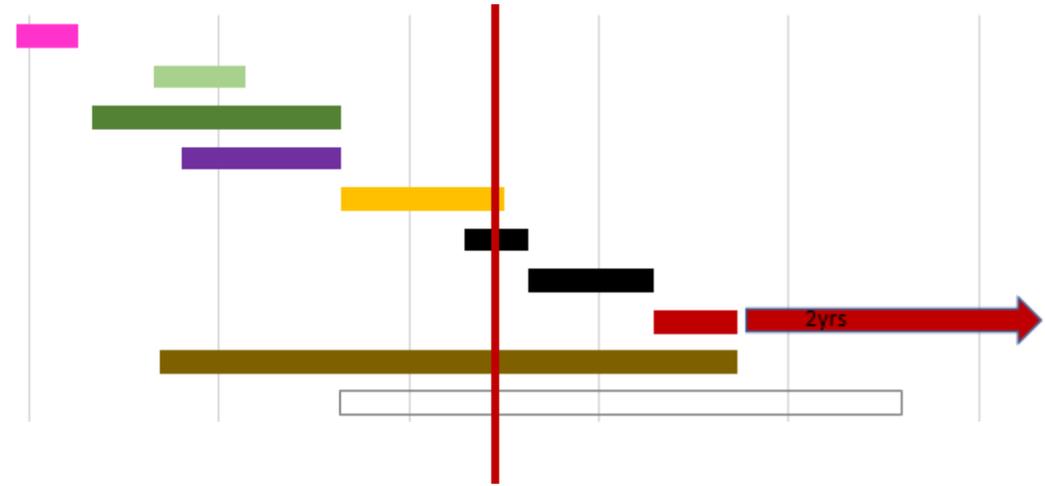
1/1/2020

4/3/2020

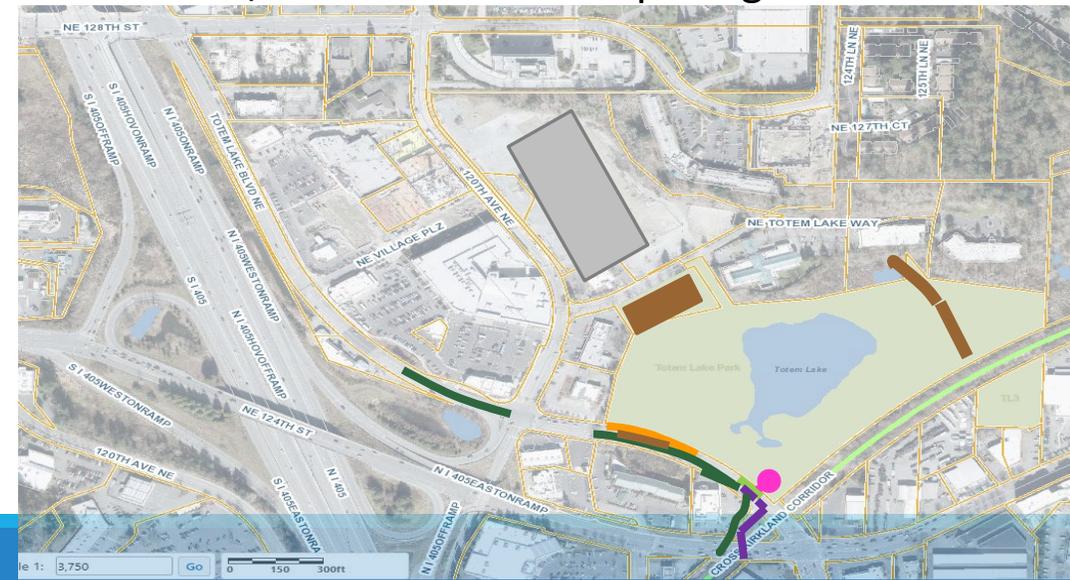
7/5/2020

10/6/2020

1/7/2021

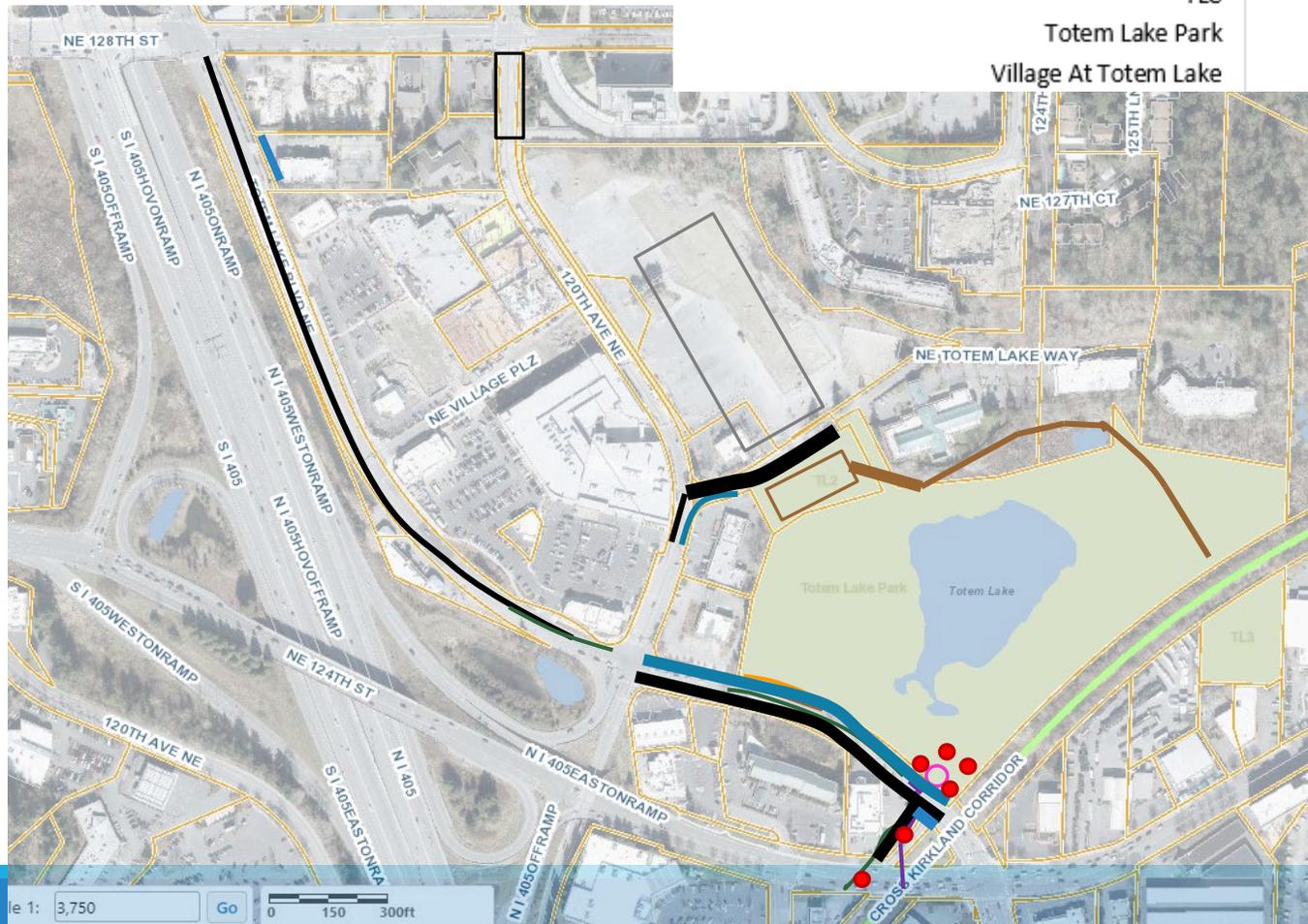
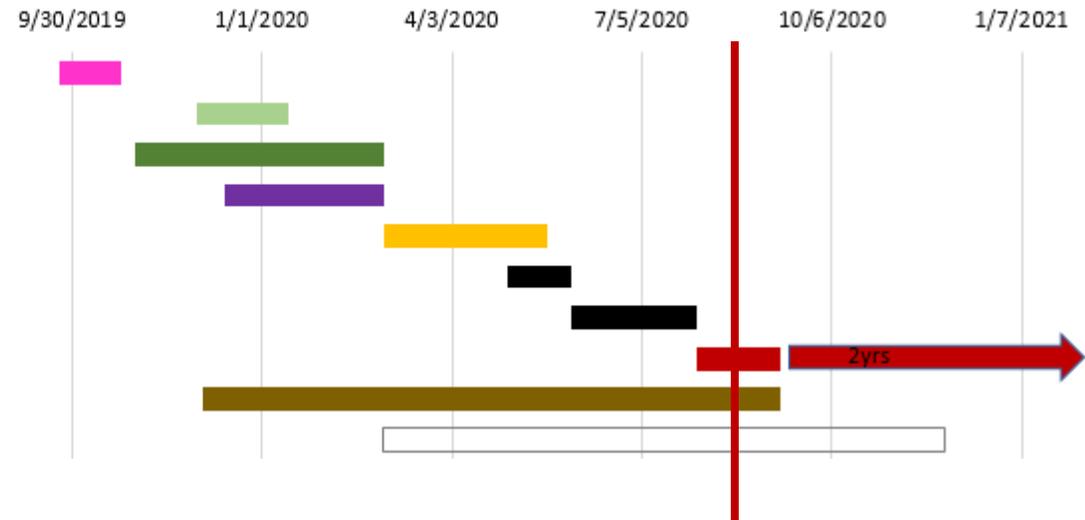


Traffic coordination: 2 lanes on TL BLVD
 also paving around mall
 Veloce S/W at same time of paving

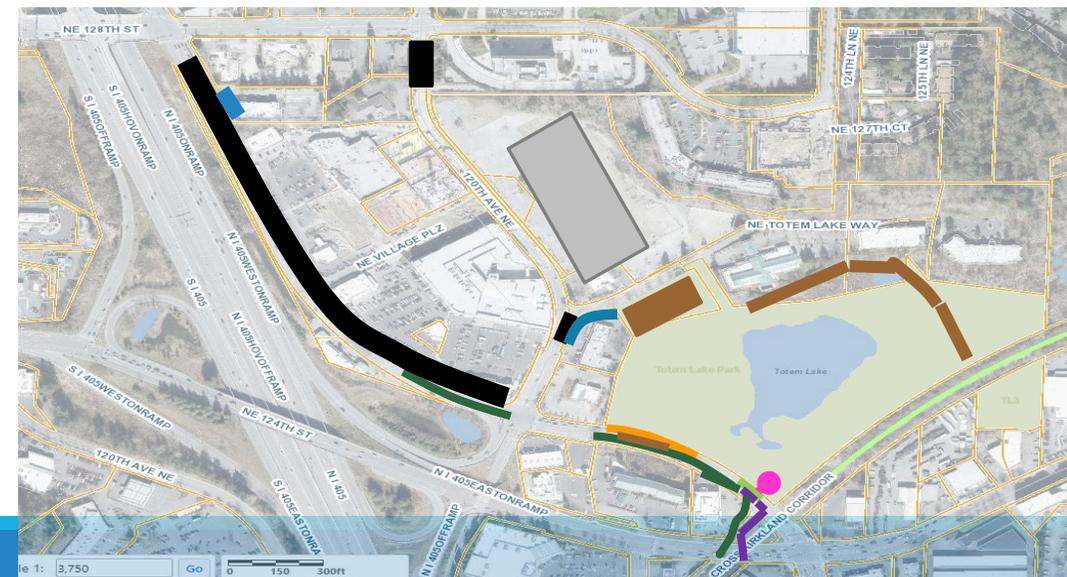


Totem Lake Coordination

- 6/30/2019 Gateway [Comfort Inn Outfall]
- NUD 8" [JOC]
- Forcemain Phase 1 & 2
- Comfort Inn [complete before Gateway P2 paving]
- Gateway [wall and road rebuild][2 lanes traffic]
- Gateway P1 Paving
- Gateway P2 Paving
- TLC
- Totem Lake Park
- Village At Totem Lake



Why build sidewalks before bridge?



Totem Lake Coordination

- Gateway [Comfort Inn Outfall]
- NUD 8" [JOC]
- Forcemain Phase 1 & 2
- Comfort Inn [complete before Gateway P2 paving]
- Gateway [wall and road rebuild][2 lanes traffic]
- Gateway P1 Paving
- Gateway P2 Paving
- TLC
- Totem Lake Park
- Village At Totem Lake

6/30/2019

9/30/2019

1/1/2020

4/3/2020

7/5/2020

10/6/2020

1/7/2021

