

Seattle Tunnel Partners monthly schedule – June 2016

The Washington State Department of Transportation's contractor, Seattle Tunnel Partners, is responsible for designing and building the SR 99 tunnel. WSDOT's contract with STP includes a number of elements. In addition to boring the tunnel and building the highway within it, STP is responsible for building highway ramps and other connections at the north and south ends of the tunnel. They are also constructing buildings at each tunnel portal to house controls for lighting, ventilation and other systems needed to operate the tunnel.

STP submits an updated schedule to WSDOT each month. These monthly schedules show projected durations for "critical-path" activities, which are activities that must be completed on time for the project to be finished on the projected completion date. An activity on the critical path cannot be started until certain prior activities are complete.

The detailed critical-path schedule can be found on the following pages. Like all large construction projects, the schedule for this project changes frequently. Because STP is responsible for the schedule under the terms of the project's design-build contract, WSDOT cannot verify any of the dates shown in this schedule.

As a reminder, after STP hands over the tunnel to the state, work must be done to connect the new tunnel to SR 99 in the south and Aurora Avenue North in the north. Based on STP's schedule, WSDOT estimates the tunnel would open to traffic in early 2019.

June Update (Data Date June 1, 2016)		Appendix B2.1 - Longest Path								13-Jul-16 11:13															
Activity ID	Activity Name	OD	Start	Finish	Last Month Start	Last Month Finish	Start Variance	Finish Variance	2016 2017 2018 2019																
									J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O
TB 140	Intervention 1	25	24-Jun-16 A	29-Jul-16	08-Jul-16	11-Aug-16	9	9	Intervention 1																
TB 170	Tunnel Boring Station 225+39 - 246+25	64	01-Aug-16	28-Oct-16	12-Aug-16	07-Nov-16	9	6	Tunnel Boring Station 225+39 - 246+25																
TB 160	Intervention 2	20	31-Oct-16	29-Nov-16	08-Nov-16	07-Dec-16	6	6	Intervention 2																
TB 190	Tunnel Boring Station 246+25 - 270+60	75	30-Nov-16	17-Mar-17	08-Dec-16	27-Mar-17	6	6	Tunnel Boring Station 246+25 - 270+60																
TB 180	Intervention 3	20	20-Mar-17	14-Apr-17	28-Mar-17	24-Apr-17	6	6	Intervention 3																
TB 250	Tunnel Boring Station 270+60 - 287+20	51	17-Apr-17	27-Jun-17	25-Apr-17	06-Jul-17	6	6	Tunnel Boring Station 270+60 - 287+20																
TB 260	Tunnel Boring Complete	0		27-Jun-17		06-Jul-17	6	6	Tunnel Boring Complete																
EX PIT - CON - 100	NCC Remove Break out Struts and Walers	5	28-Jun-17	05-Jul-17	07-Jul-17	13-Jul-17	6	6	NCC Remove Break out Struts and Walers																
EX TB 100	Move TBM into Disassembly Location & Drain Temporary Utilities	9	06-Jul-17	14-Jul-17	14-Jul-17	18-Jul-17	8	4	Move TBM into Disassembly Location & Drain Temporary Utilities																
Remove Temp Util 140	Removal of TBM Temporary Utilities Reach 1 (Station 194+50 - 205+71)	5	17-Jul-17	21-Jul-17	19-Jul-17	21-Jul-17	2	0	Removal of TBM Temporary Utilities Reach 1 (Station 194+50 - 205+71)																
TC Reach 1 - 180	SOUTH BOUND EAST WALLS - Form, Rebar, Imbed MEP, Pour - Reach 1 (Stator	22	22-Jul-17	18-Aug-17	22-Jul-17	18-Aug-17	0	0	SOUTH BOUND EAST WALLS - Form, Rebar, Imbed MEP, Pour - F																
TC Reach 1 - 200	UPPER PORTION SOUTH BOUND WALLS - Shotcrete - Reach 1 (Station 194+50	22	28-Jul-17	24-Aug-17	28-Jul-17	24-Aug-17	0	0	UPPER PORTION SOUTH BOUND WALLS - Shotcrete - Reach 1																
MEP Reach 1 - 200	SOUTH BOUND - Install Mesh - Reach 1	16	25-Aug-17	15-Sep-17	25-Aug-17	15-Sep-17	0	0	SOUTH BOUND - Install Mesh - Reach 1																
MEP Reach 1 - 210	SOUTH BOUND - Install Struts, Rods, Eye bolts, Sign & Camera Structures - Reac	16	18-Sep-17	06-Oct-17	18-Sep-17	06-Oct-17	0	0	SOUTH BOUND - Install Struts, Rods, Eye bolts, Sign & Came																
MEP Reach 2 - 210	SOUTH BOUND - Install Struts, Rods, Eye bolts, Sign & Camera Structures - Reac	12	07-Oct-17	21-Oct-17	07-Oct-17	21-Oct-17	0	0	SOUTH BOUND - Install Struts, Rods, Eye bolts, Sign & Cam																
MEP Reach 3 - 210	SOUTH BOUND - Install Struts, Rods, Eye bolts, Sign & Camera Structures - Reac	12	23-Oct-17	06-Nov-17	23-Oct-17	06-Nov-17	0	0	SOUTH BOUND - Install Struts, Rods, Eye bolts, Sign & Ca																
MEP Reach 4 - 210	SOUTH BOUND - Install Struts, Rods, Eye bolts, Sign & Camera Structures - Reac	10	07-Nov-17	18-Nov-17	07-Nov-17	18-Nov-17	0	0	SOUTH BOUND - Install Struts, Rods, Eye bolts, Sign & C																
MEP Reach 5 - 210	SOUTH BOUND - Install Struts, Rods, Eye bolts, Sign & Camera Structures - Reac	10	20-Nov-17	04-Dec-17	20-Nov-17	04-Dec-17	0	0	SOUTH BOUND - Install Struts, Rods, Eye bolts, Sign & (
MEP Reach 6 - 210	SOUTH BOUND - Install Struts, Rods, Eye bolts, Sign & Camera Structures - Reac	12	05-Dec-17	19-Dec-17	05-Dec-17	19-Dec-17	0	0	SOUTH BOUND - Install Struts, Rods, Eye bolts, Sign &																
MEP Reach 7 - 210	SOUTH BOUND - Install Struts, Rods, Eye bolts, Sign & Camera Structures - Reac	12	20-Dec-17	05-Jan-18	20-Dec-17	05-Jan-18	0	0	SOUTH BOUND - Install Struts, Rods, Eye bolts, Sign																
MEP Reach 8 - 210	SOUTH BOUND - Install Struts, Rods, Eye bolts, Sign & Camera Structures - Reac	12	08-Jan-18	22-Jan-18	08-Jan-18	22-Jan-18	0	0	SOUTH BOUND - Install Struts, Rods, Eye bolts, Sig																
MEP Reach 9 - 210	SOUTH BOUND - Install Struts, Rods, Eye bolts, Sign & Camera Structures - Reac	12	23-Jan-18	05-Feb-18	23-Jan-18	05-Feb-18	0	0	SOUTH BOUND - Install Struts, Rods, Eye bolts, S																
MEP Reach 10 - 210	SOUTH BOUND - Install Struts, Rods, Eye bolts, Sign & Camera Structures - Reac	11	06-Feb-18	19-Feb-18	06-Feb-18	19-Feb-18	0	0	SOUTH BOUND - Install Struts, Rods, Eye bolts,																
MEP Reach 11 - 210	SOUTH BOUND - Install Struts, Rods, Eye bolts, Sign & Camera Structures - Reac	11	20-Feb-18	05-Mar-18	20-Feb-18	05-Mar-18	0	0	SOUTH BOUND - Install Struts, Rods, Eye bolts																
MEP Reach 12 - 210	SOUTH BOUND - Install Struts, Rods, Eye bolts, Sign & Camera Structures - Reac	11	06-Mar-18	19-Mar-18	06-Mar-18	19-Mar-18	0	0	SOUTH BOUND - Install Struts, Rods, Eye bol																
MEP Reach 13 - 210	SOUTH BOUND - Install Struts, Rods, Eye bolts, Sign & Camera Structures - Reac	10	20-Mar-18	31-Mar-18	20-Mar-18	31-Mar-18	0	0	SOUTH BOUND - Install Struts, Rods, Eye bo																
MEP Reach 13 - 220	SOUTH BOUND - Install Fireproofing (1st & 2nd Coat) - Reach 13	9	02-Apr-18	11-Apr-18	02-Apr-18	11-Apr-18	0	0	SOUTH BOUND - Install Fireproofing (1st &																
MEP Reach 13 - 230	SOUTH BOUND - Install Fire Supr, Swivel Mounts, Cable (LHD), Struts, Lights, Coi	8	12-Apr-18	21-Apr-18	12-Apr-18	21-Apr-18	0	0	SOUTH BOUND - Install Fire Supr, Swivel M																
MEP Reach 14 - 220	SOUTH BOUND - Install Fireproofing (1st & 2nd Coat) - Reach 14	8	12-Apr-18	21-Apr-18	12-Apr-18	21-Apr-18	0	0	SOUTH BOUND - Install Fireproofing (1st &																
MEP Reach 14 - 230	SOUTH BOUND - Install Fire Supr, Swivel Mounts, Cable (LHD), Struts, Lights, Coi	8	23-Apr-18	02-May-18	23-Apr-18	02-May-18	0	0	SOUTH BOUND - Install Fire Supr, Swivel																
ER 16 - 510	Final Wire Pull / Termination from South Bound Roadway - Electrical Room #16	5	03-May-18	09-May-18	03-May-18	09-May-18	0	0	Final Wire Pull / Termination from South Bo																
ER 16 Prefunct - 150	South Bound Roadway Prefunctional Check List for Electrical - ER 16	10	10-May-18	23-May-18	10-May-18	23-May-18	0	0	South Bound Roadway Prefunctional Che																
ER 16 Prefunct - 160	South Bound Roadway Prefunctional Check List for Fire Alarm System - ER 16	5	24-May-18	30-May-18	24-May-18	30-May-18	0	0	South Bound Roadway Prefunctional Ch																
ER 16 Prefunct - 170	South Bound Roadway Prefunctional Check List for Controls - ER 16	5	24-May-18	30-May-18	24-May-18	30-May-18	0	0	South Bound Roadway Prefunctional Ch																
ER 16 Prefunct - 180	South Bound Roadway Prefunctional Check List for Mechanical - ER 16	12	31-May-18	15-Jun-18	31-May-18	15-Jun-18	0	0	South Bound Roadway Prefunctional C																
Tun Wide Prefunc 60	Maintenance Air Test and Balance (TR2.34)	40	31-May-18	25-Jul-18	31-May-18	25-Jul-18	0	0	Maintenance Air Test and Balance																
Tun Wide Prefunc 70	Prefunctional Check List for Jet & Maintenance Fans	20	31-May-18	27-Jun-18	31-May-18	27-Jun-18	0	0	Prefunctional Check List for Jet & Ma																
Tun Wide Prefunc 30	Pre- Commissioning Internal Testing - Tunnel Ventilation System	20	28-Jun-18	25-Jul-18	28-Jun-18	25-Jul-18	0	0	Pre- Commissioning Internal Testir																
MEP - FPT - 120	Maintenance Ventilation (TR 2.34) - Functional Performance Testing	15	26-Jul-18	15-Aug-18	26-Jul-18	15-Aug-18	0	0	Maintenance Ventilation (TR 2.34																
MEP - FPT - 300	North Bound Tunnel Airflow Verification (TR 2.35.5.2.1.1 & TR 2.35.5.2.1.1)- Functio	15	16-Aug-18	05-Sep-18	16-Aug-18	05-Sep-18	0	0	North Bound Tunnel Airflow Ve																
MEP - FPT - 144	South Bound Tunnel Airflow Verification (TR 2.35.5.2.1.1 & TR 2.35.5.2.1.1)- Functio	15	06-Sep-18	26-Sep-18	06-Sep-18	26-Sep-18	0	0	South Bound Tunnel Airflow V																
MEP - FPT - 140	Tunnel Ventilation (TR 2.35) - Functional Performance Testing	15	27-Sep-18	17-Oct-18	27-Sep-18	17-Oct-18	0	0	Tunnel Ventilation (TR 2.35																
MEP - FPT - 230	Functional Tests - COMPLETE	0		17-Oct-18		17-Oct-18	0	0	Functional Tests - COMPL																
MEP - IFPT - 000	Pre- Test Integrated Functional Performance Testing	10	18-Oct-18	31-Oct-18	18-Oct-18	31-Oct-18	0	0	Pre- Test Integrated Fun																
MEP - IFPT - 100	Default - Integrated Functional Performance Testing - 0	1	01-Nov-18	01-Nov-18	01-Nov-18	01-Nov-18	0	0	Default - Integrated Func																
MEP - IFPT - 110	Minor Fire One Direction - Integrated Functional Performance Testing - 1	1	02-Nov-18	02-Nov-18	02-Nov-18	02-Nov-18	0	0	Minor Fire One Direction																
MEP - IFPT - 120	Major Fire One Direction - Integrated Functional Performance Testing - 2	1	05-Nov-18	05-Nov-18	05-Nov-18	05-Nov-18	0	0	Major Fire One Direction																

Primary Baseline
 Remaining Work
 Baseline Milestone
 Actual Work
 Critical Remaining Work
 Milestone

TASK filters: (Untitled Filter)_1, Longest Path, Longest Path, No for Payment Purposes, No level of Effort.

