

Seattle Tunnel Partners monthly schedule – December 2015

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.

December Update (Data Date January 1, 2016)		Appendix B2.1 - Longest Path								12-Jan-16 12:16																										
Activity ID	Activity Name	OD	RD	Start	Finish	Last Month Start	Last Month Finish	Total Float	Calendar	2016 2017 2018																										
										D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F
TBM Repair 1610	12-7 Lubrication Performance Test	3	0	19-Nov-15 A	05-Dec-15 A	19-Nov-15	05-Dec-15		Revised - 6	12-7 Lubrication Performance Test																										
TBM Repair 1620	12-8 Cutter Equipment Performance Test	5	0	11-Nov-15 A	11-Dec-15 A	11-Nov-15	11-Dec-15		Revised - 6	12-8 Cutter Equipment Performance Test																										
BT TBM Shaft 08H2	13-2 Backfill 4' above TBM crown	5	0	12-Dec-15 A	19-Dec-15 A	12-Dec-15	17-Dec-15		Revised - 6	13-2 Backfill 4' above TBM crown																										
BT TBM Shaft 08H3	13-3 Backfill up to EL+16	4	0	19-Dec-15 A	20-Dec-15 A	18-Dec-15	22-Dec-15		Revised - 6	13-3 Backfill up to EL+16																										
BT TBM Shaft 08I	Ready to Resume Tunnel Boring	0	0	21-Dec-15 A		23-Dec-15			Revised - 6	Ready to Resume Tunnel Boring																										
TBM Repair 1630	14-1 Center Agitator Performance Test	8	2	21-Dec-15 A	04-Jan-16	23-Dec-15	02-Jan-16	0	Revised - 6	14-1 Center Agitator Performance Test																										
TBM Repair 1640	14-2 Cutter Equipment Performance Test	8	2	21-Dec-15 A	04-Jan-16	23-Dec-15	02-Jan-16	0	Revised - 6	14-2 Cutter Equipment Performance Test																										
TBM Repair 1650	14-3 Impulsion Equipment Performance Test	8	2	21-Dec-15 A	04-Jan-16	23-Dec-15	02-Jan-16	0	Revised - 6	14-3 Impulsion Equipment Performance Test																										
TBM Repair 1660	14-4 Foam Injection Performance Test	8	2	21-Dec-15 A	04-Jan-16	23-Dec-15	02-Jan-16	0	Revised - 6	14-4 Foam Injection Performance Test																										
TBM Repair 1670	14-5 Cooling Water System Performance Test	8	2	21-Dec-15 A	04-Jan-16	23-Dec-15	02-Jan-16	0	Revised - 6	14-5 Cooling Water System Performance Test																										
TBM Repair 1680	14-6 Structure performance Test	8	2	21-Dec-15 A	04-Jan-16	23-Dec-15	02-Jan-16	0	Revised - 6	14-6 Structure performance Test																										
TBM Repair 1690	14-7 Lubrication performance Test	8	2	21-Dec-15 A	04-Jan-16	23-Dec-15	02-Jan-16	0	Revised - 6	14-7 Lubrication performance Test																										
TB 109	Tunnel Boring Station 205+35 - 205+53	8	2	21-Dec-15 A	04-Jan-16	23-Dec-15	02-Jan-16	0	Revised - 6	Tunnel Boring Station 205+35 - 205+53																										
TB 110	Tunnel Boring Station 205+53 - 210+10 (Safe Haven 3)	18	18	05-Jan-16	28-Jan-16	04-Jan-16	27-Jan-16	0	Revised - 5	Tunnel Boring Station 205+53 - 210+10 (Safe Haven 3)																										
TC Reach 1 - 100	CORBELS - Form, Rebar, Imbed MEP, Pour - Reach 1 (Station 200+29 - 205+71)	26	26	29-Jan-16	02-Mar-16	28-Jan-16	01-Mar-16	0	Revised -	CORBELS - Form, Rebar, Imbed MEP, Pour - Reach 1 (Station 200+29 - 205+71)																										
TC Reach 1 - 110	NORTH BOUND WALLS - Form, Rebar, Imbed MEP, Pour - Reach 1 (Station 200+	26	26	11-Feb-16	15-Mar-16	10-Feb-16	14-Mar-16	0	Revised -	NORTH BOUND WALLS - Form, Rebar, Imbed MEP, Pour - Reach 1 (Station 200+07 - 205																										
TC Reach 1 - 120	INTERMEDIATE DECK - Form, Rebar, Imbed MEP, Pour - Reach 1 (Station 198+98	26	26	24-Feb-16	28-Mar-16	23-Feb-16	25-Mar-16	0	Revised -	INTERMEDIATE DECK - Form, Rebar, Imbed MEP, Pour - Reach 1 (Station 198+98 - 205+																										
TC Reach 2 - 100	CORBELS - Form, Rebar, Imbed MEP, Pour - Reach 2 (Station 205+71 - 212+21)	24	24	03-Mar-16	01-Apr-16	02-Mar-16	31-Mar-16	0	Revised -	CORBELS - Form, Rebar, Imbed MEP, Pour - Reach 2 (Station 205+71 - 212+21)																										
TC Reach 1 - 140	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Rebar, Imbed MEP, Pour	26	26	08-Mar-16	08-Apr-16	07-Mar-16	07-Apr-16	0	Revised -	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Rebar, Imbed MEP, Pour - Rea																										
TC Reach 2 - 110	NORTH BOUND WALLS - Form, Rebar, Imbed MEP, Pour - Reach 2 (Station 205+	24	24	16-Mar-16	14-Apr-16	15-Mar-16	13-Apr-16	0	Revised -	NORTH BOUND WALLS - Form, Rebar, Imbed MEP, Pour - Reach 2 (Station 205+71 - 2																										
TC Reach 2 - 120	INTERMEDIATE DECK - Form, Rebar, Imbed MEP, Pour - Reach 2 (Station 205+71	24	24	29-Mar-16	27-Apr-16	28-Mar-16	26-Apr-16	0	Revised -	INTERMEDIATE DECK - Form, Rebar, Imbed MEP, Pour - Reach 2 (Station 205+71 - 2																										
TC Reach 2 - 140	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Rebar, Imbed MEP, Pour	25	25	11-Apr-16	11-May-16	08-Apr-16	10-May-16	0	Revised -	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Rebar, Imbed MEP, Pour - R																										
TC Reach 3 - 140	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Rebar, Imbed MEP, Pour	25	25	12-May-16	13-Jun-16	11-May-16	11-Jun-16	0	Revised -	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Rebar, Imbed MEP, Pour																										
TC Reach 4 - 140	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Rebar, Imbed MEP, Pour	23	23	14-Jun-16	13-Jul-16	13-Jun-16	12-Jul-16	0	Revised -	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Rebar, Imbed MEP, Pc																										
TC Reach 5 - 140	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Rebar, Imbed MEP, Pour	21	21	14-Jul-16	09-Aug-16	13-Jul-16	08-Aug-16	0	Revised -	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Rebar, Imbed MEP,																										
TC Reach 6 - 140	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Rebar, Imbed MEP, Pour	25	25	10-Aug-16	10-Sep-16	09-Aug-16	09-Sep-16	0	Revised -	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Rebar, Imbed MEP,																										
TC Reach 7 - 140	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Rebar, Imbed MEP, Pour	25	25	12-Sep-16	12-Oct-16	10-Sep-16	11-Oct-16	0	Revised -	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Rebar, Imbed,																										
TC Reach 8 - 140	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Rebar, Imbed MEP, Pour	25	25	13-Oct-16	14-Nov-16	12-Oct-16	11-Nov-16	0	Revised -	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Rebar, Imb																										
TC Reach 9 - 140	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Rebar, Imbed MEP, Pour	25	25	15-Nov-16	17-Dec-16	14-Nov-16	16-Dec-16	0	Revised -	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Rebar, I																										
TC Reach 10 - 140	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Rebar, Imbed MEP, Pour	25	25	19-Dec-16	21-Jan-17	17-Dec-16	20-Jan-17	0	Revised -	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Reba																										
TC Reach 11 - 140	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Rebar, Imbed MEP, Pour	25	25	23-Jan-17	22-Feb-17	21-Jan-17	21-Feb-17	0	Revised -	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, R																										
TC Reach 12 - 140	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Rebar, Imbed MEP, Pour	25	25	23-Feb-17	27-Mar-17	22-Feb-17	24-Mar-17	0	Revised -	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form																										
TC Reach 13 - 140	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Rebar, Imbed MEP, Pour	25	25	28-Mar-17	26-Apr-17	27-Mar-17	25-Apr-17	0	Revised -	SOUTH BOUND ROADWAY & UTILIDOR DECK - Fo																										
TC Reach 14 - 140	SOUTH BOUND ROADWAY & UTILIDOR DECK - Form, Rebar, Imbed MEP, Pour	22	22	27-Apr-17	24-May-17	26-Apr-17	23-May-17	0	Revised -	SOUTH BOUND ROADWAY & UTILIDOR DECK -																										
TC Reach 14 - 150	LOWER HALF SOUTH BOUND WEST WALLS - Form, Rebar, Imbed MEP, Pour -	5	5	25-May-17	01-Jun-17	24-May-17	31-May-17	0	Revised -	LOWER HALF SOUTH BOUND WEST WALLS - F																										
TC Reach 14 - 160	ER CEILING - Form, Rebar, Imbed MEP, Pour Lower Half South Bound Walls & ER	9	9	02-Jun-17	13-Jun-17	01-Jun-17	12-Jun-17	0	Revised -	ER CEILING - Form, Rebar, Imbed MEP, Pour Lov																										
ER 16 - 000	CONCRETE COMPLETE - Electrical Room #16	0	0		20-Jun-17		19-Jun-17	0	Revised - 5	CONCRETE COMPLETE - Electrical Room #16																										
ER 16 - 100	FRP Equipment Pads - Electrical Room #16	5	5	14-Jun-17	20-Jun-17	13-Jun-17	19-Jun-17	0	Revised - 5	FRP Equipment Pads - Electrical Room #16																										
TC Reach 14 - 190	SOUTH BOUND UTILIDOR PARTITION WALLS - Form, Rebar, Imbed MEP, Pour	10	10	14-Jun-17	26-Jun-17	13-Jun-17	23-Jun-17	0	Revised -	SOUTH BOUND UTILIDOR PARTITION WALLS																										
ER 16 - 110	Electrical System: Handle & Set Equipment (XFMRs, PNLs, UPS, LTG CNTRL) - E	20	20	21-Jun-17	19-Jul-17	20-Jun-17	18-Jul-17	0	Revised - 5	Electrical System: Handle & Set Equipment (XF																										
ER 16 - 120	Electrical System: Install Raceways - Electrical Room #16	20	20	20-Jul-17	16-Aug-17	19-Jul-17	15-Aug-17	0	Revised - 5	Electrical System: Install Raceways - Electr																										
ER 16 - 130	Electrical System: Install Feeder Wire - Electrical Room #16	10	10	17-Aug-17	30-Aug-17	16-Aug-17	29-Aug-17	0	Revised - 5	Electrical System: Install Feeder Wire - Ele																										
ER 16 - 140	Electrical System: Terminate Feeder Wire - Electrical Room #16	6	6	31-Aug-17	08-Sep-17	30-Aug-17	07-Sep-17	0	Revised - 5	Electrical System: Terminate Feeder Wire-																										
ER 16 - 180	Power System Start Up Check List - Electrical Room #16	10	10	11-Sep-17	22-Sep-17	08-Sep-17	21-Sep-17	0	Revised - 5	Power System Start Up Check List - Elec																										
ER 16 - 500	Final Wire Pull / Termination from North Bound Roadway - Electrical Room #16	5	5	25-Sep-17	29-Sep-17	22-Sep-17	28-Sep-17	0	Revised - 5	Final Wire Pull / Termination from North																										
ER 16 - 510	Final Wire Pull / Termination from South Bound Roadway - Electrical Room #16	5	5	25-Sep-17	29-Sep-17	22-Sep-17	28-Sep-17	0	Revised - 5	Final Wire Pull / Termination from South																										
ER 16 Prefunct - 150	South Bound Roadway Prefunctional Check List for Electrical - ER 16	10	10	02-Oct-17	13-Oct-17	29-Sep-17	12-Oct-17	0	Revised - 5	South Bound Roadway Prefunctional C																										

■ Primary Baseline
 ■ Remaining Work
 ■ Actual Work
 ■ Critical Remaining Work
 ◆ Baseline Milestone
 ◆ Milestone

TASK filters: Longest Path, No for Payment Purposes.

