

Seattle Tunnel Partners monthly schedule – September 2014

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 lighting, ventilation and other systems needed to operate the tunnel.

STP submits an updated schedule to WSDOT each month. Like all large construction projects, the schedule for this project changes frequently. WSDOT cannot verify any of the dates shown in this schedule.

Activity ID	Activity Name	Original Duration	Remaining Duration	Aug 2014 Dur (ACD)	Start	Finish	Longest Path	Total Float	Calendar	Aug 2014 Start	Aug 2014 Finish	Var - Aug 2014 Start	Var - Aug 2014 Finish	2013 2014 2015 2016 2017 2018 2019																											
														3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
BT TBM Shaft 09	Jet Grout, Instrumentation and Dewatering Wells	18	5	23	16-Aug-14 A	05-Oct-14	✓	-650	99 - 7-day	20-Aug-14	21-Sep-14	4	-14																												
TIA006 DSC2 01	Revised TBM Access Shaft Dewatering Plan	36	14	0	09-Sep-14 A	14-Oct-14	✓	-650	99 - 7-day																																
TIA006 DSC2 02	Installation of Additional Dewatering Wells	12	12	0	15-Oct-14	26-Oct-14	✓	-650	99 - 7-day																																
BT TBM Shaft 010	Excavate Access Shaft to Final Elevation	18	18	25	27-Oct-14	13-Nov-14	✓	-650	99 - 7-day	22-Sep-14	26-Oct-14	-35	-18																												
BT TBM Shaft 010c	Install Cradle	10	10	0	14-Nov-14	23-Nov-14	✓	-650	99 - 7-day																																
BT TBM Shaft 08A	Lifting Preparation Work	20	20	15	24-Nov-14	13-Dec-14	✓	-650	99 - 7-day	27-Oct-14	15-Nov-14	-28	-28																												
BT TBM Shaft 07	Move TBM to Recovery Shaft	5	5	5	24-Nov-14	28-Nov-14	✓	-650	99 - 7-day	27-Oct-14	31-Oct-14	-28	-28																												
BT TBM Shaft 08B	Disassembly Work in the Shaft and Lifting Work	20	20	15	14-Dec-14	02-Jan-15	✓	-650	99 - 7-day	16-Nov-14	05-Dec-14	-28	-28																												
BT TBM Shaft 08C	Disassembly Work on the Ground	25	25	17	03-Jan-15	27-Jan-15	✓	-650	99 - 7-day	06-Dec-14	30-Dec-14	-28	-28																												
BT TBM Shaft 08D	Assembly Work on the Ground	15	15	11	28-Jan-15	11-Feb-15	✓	-650	99 - 7-day	31-Dec-14	14-Jan-15	-28	-28																												
BT TBM Shaft 08E	Lowering and Assembly Work	10	10	7	12-Feb-15	21-Feb-15	✓	-650	99 - 7-day	15-Jan-15	24-Jan-15	-28	-28																												
BT TBM Shaft 08F	Restore Work	35	35	25	22-Feb-15	28-Mar-15	✓	-650	99 - 7-day	25-Jan-15	28-Feb-15	-28	-28																												
BT TBM Shaft 08G	Commissioning	20	20	15	29-Mar-15	17-Apr-15	✓	-650	99 - 7-day	01-Mar-15	20-Mar-15	-28	-28																												
BT TBM Shaft 08H	Backfill Shaft	9	9	5	18-Apr-15	26-Apr-15	✓	-650	99 - 7-day	21-Mar-15	29-Mar-15	-28	-28																												
BT TBM Shaft 08I	Ready to Resume Tunnel Mining	0	0	0		26-Apr-15	✓	-650	99 - 7-day		29-Mar-15	-28	-28																												
BT TBM 102C	BT TBM Mining 204+75 to 210+10 - Safe Haven 3	37	37	37	27-Apr-15	17-Jun-15	✓	-450	99 - 5-day	30-Mar-15	19-May-15	-20	-20																												
BT TBM SH3	BT - TBM at Safe Haven 3 (Cost Summary)	25	25	18	18-Jun-15	12-Jul-15	✓	-650	99 - 7-day	20-May-15	13-Jun-15	-29	-29																												
BT TBM 102x	BT - TBM Mining/Precast/Muck 210+10 to 213+00 (Balance of Reach 2)	25	25	26	13-Jul-15	14-Aug-15	✓	-449	99 - 5-day	15-Jun-15	20-Jul-15	-19	-19																												
BT TBM 103	BT - TBM Mining/Precast/Muck 213+00 to 234+00 (Reach 03)	71	71	72	17-Aug-15	24-Nov-15	✓	-449	99 - 5-day	21-Jul-15	28-Oct-15	-19	-19																												
BT TBM 104	BT - TBM Mining/Precast/Muck 234+00 to 238+80 (Reach 04)	10	10	10	25-Nov-15	10-Dec-15	✓	-449	99 - 5-day	29-Oct-15	11-Nov-15	-19	-19																												
BT TBM 105	BT - TBM Mining/Precast/Muck 238+80 to 245+00 (Reach 05)	13	13	15	11-Dec-15	30-Dec-15	✓	-449	99 - 5-day	12-Nov-15	02-Dec-15	-19	-19																												
BT TBM 106	BT - TBM Mining/Precast/Muck 245+00 to 252+00 (Reach 06)	13	13	13	31-Dec-15	19-Jan-16	✓	-449	99 - 5-day	03-Dec-15	21-Dec-15	-19	-19																												
BT TBM 107	BT - TBM Mining/Precast/Muck 252+00 to 287+20 (Reach 07)	68	68	71	20-Jan-16	25-Apr-16	✓	-449	99 - 5-day	22-Dec-15	29-Mar-16	-19	-19																												
BT Milestone 06	BT - Milestone - Tunnel Mining Complete (01Nov14)	0	0	0		25-Apr-16	✓	-649	99 - 7-day		29-Mar-16	-27	-27																												
BT TBM 95	BT - Disassemble & Remove TBM & Trailing Gear (Linear Plant) from North End	60	60	61	26-Apr-16	20-Jul-16	✓	-449	99 - 5-day	30-Mar-16	22-Jun-16	-19	-19																												
NCC Final Slab 1	NCC - F/R/P Final Slab (200 LF) 300+00 to 301+00 (Ext. Pit)	10	10	11	21-Jul-16	03-Aug-16	✓	-413	99 - 5-day	23-Jun-16	07-Jul-16	-19	-19																												
NCC Util Walls	NCC - FRP Utilidor Partition Walls @ Extraction Pit (100 LF) 300+00 to 301+00	12	12	12	04-Aug-16	19-Aug-16	✓	-413	99 - 5-day	08-Jul-16	25-Jul-16	-19	-19																												
NCC NB Deck 2	NCC - FRP NB Deck/Slab @ Extraction Pit	15	15	15	22-Aug-16	12-Sep-16	✓	-413	99 - 5-day	26-Jul-16	15-Aug-16	-19	-19																												
NCC NB Walls	NCC - FRP NB Partition Walls @ Extraction Pit	8	8	8	13-Sep-16	22-Sep-16	✓	-413	99 - 5-day	16-Aug-16	25-Aug-16	-19	-19																												
NCC SB Deck 2	NCC - FRP SB Deck/Slab @ Extraction Pit	15	15	16	23-Sep-16	13-Oct-16	✓	-413	99 - 5-day	26-Aug-16	16-Sep-16	-19	-19																												
NCC SB Walls	NCC - FRP SB Partition Walls @ Extraction Pit	8	8	8	14-Oct-16	25-Oct-16	✓	-404	99 - 5-day	19-Sep-16	28-Sep-16	-19	-19																												
NCC Roof Deck 00B	NCC - F/R/P SB Ceiling Deck (below Girders) @ Extraction Pit	8	8	8	26-Oct-16	04-Nov-16	✓	-404	99 - 5-day	29-Sep-16	10-Oct-16	-19	-19																												
NCC Int Walls RD 1	NCC - F/R/P Interior Walls above Ceiling Deck (below Girders) @ E. Pit (100 LF) 300+00 to 301+00	8	8	8	07-Nov-16	16-Nov-16	✓	-404	99 - 5-day	11-Oct-16	20-Oct-16	-19	-19																												
NCC Int Walls RD 2	NCC - F/R/P Maint. Air Plenum above SB Ceiling Deck (above Girders) @ E. Pit (100 LF) 300+00 to 301+00	8	8	8	07-Nov-16	16-Nov-16	✓	-404	99 - 5-day	11-Oct-16	20-Oct-16	-19	-19																												
PW TAB 01	PW Maintenance Air System TAB Final	40	40	42	17-Nov-16	17-Jan-17	✓	-404	99 - 5-day	21-Oct-16	19-Dec-16	-19	-19																												
PW Integration Test	Project Wide - Verify Systems Integration Integrity	35	35	37	18-Jan-17	08-Mar-17	✓	-404	99 - 5-day	20-Dec-16	08-Feb-17	-19	-19																												
PW 03	Project Wide - Pre-Acceptance Phase Commissioning (2 Months)	40	40	41	09-Mar-17	03-May-17	✓	-404	99 - 5-day	09-Feb-17	06-Apr-17	-19	-19																												
PW 04	Project Wide - Acceptance Phase Commissioning (3 Months)	65	65	67	04-May-17	04-Aug-17	✓	-404	99 - 5-day	07-Apr-17	10-Jul-17	-19	-19																												
PW 05	Project Wide - Final System Test for Traffic (1 Month)	20	20	21	10-Jul-17	04-Aug-17	✓	-404	99 - 5-day	12-Jun-17	10-Jul-17	-19	-19																												
MS 10	MS-10: LD Milestone - Substantial Completion (Finish on 21Dec15)	0	0	0		04-Aug-17*	✓	-580	99 - 7-day		10-Jul-17	-25	-25																												
PW 80	Project Wide - Start Post Substantial Completion Activities	0	0	0	05-Aug-17		✓	-580	99 - 7-day	11-Jul-17		-25	-25																												
PW 88	Project Wide - Final Inspection (120 CD - Substantial Completion to Physical Completion)	120	120	86	05-Aug-17	02-Dec-17	✓	-580	99 - 7-day	11-Jul-17	07-Nov-17	-25	-25																												
PW 85	Project Wide - Physical Completion (Substantial Completion + 120 CD) (Finish on 19Apr16)	0	0	0		02-Dec-17	✓	-580	99 - 7-day		07-Nov-17	-25	-25																												
PW 86	Project Wide - Final Pickup (120 CD - Physical Completion to Final Completion)	120	120	86	03-Dec-17	01-Apr-18	✓	-580	99 - 7-day	08-Nov-17	07-Mar-18	-25	-25																												
PW 90	Project Wide - Milestone - Final Completion (Substantial Completion + 240 CD) (Finish on 17Aug16)	0	0	0		01-Apr-18	✓	-580	99 - 7-day		07-Mar-18	-25	-25																												
PW 95	Project Wide - Milestone - Release Retainage (Final Completion +60 CD) (Finish on 16Oct16)	0	0	0		31-May-18*	✓	-580	99 - 7-day		06-May-18	-25	-25																												

