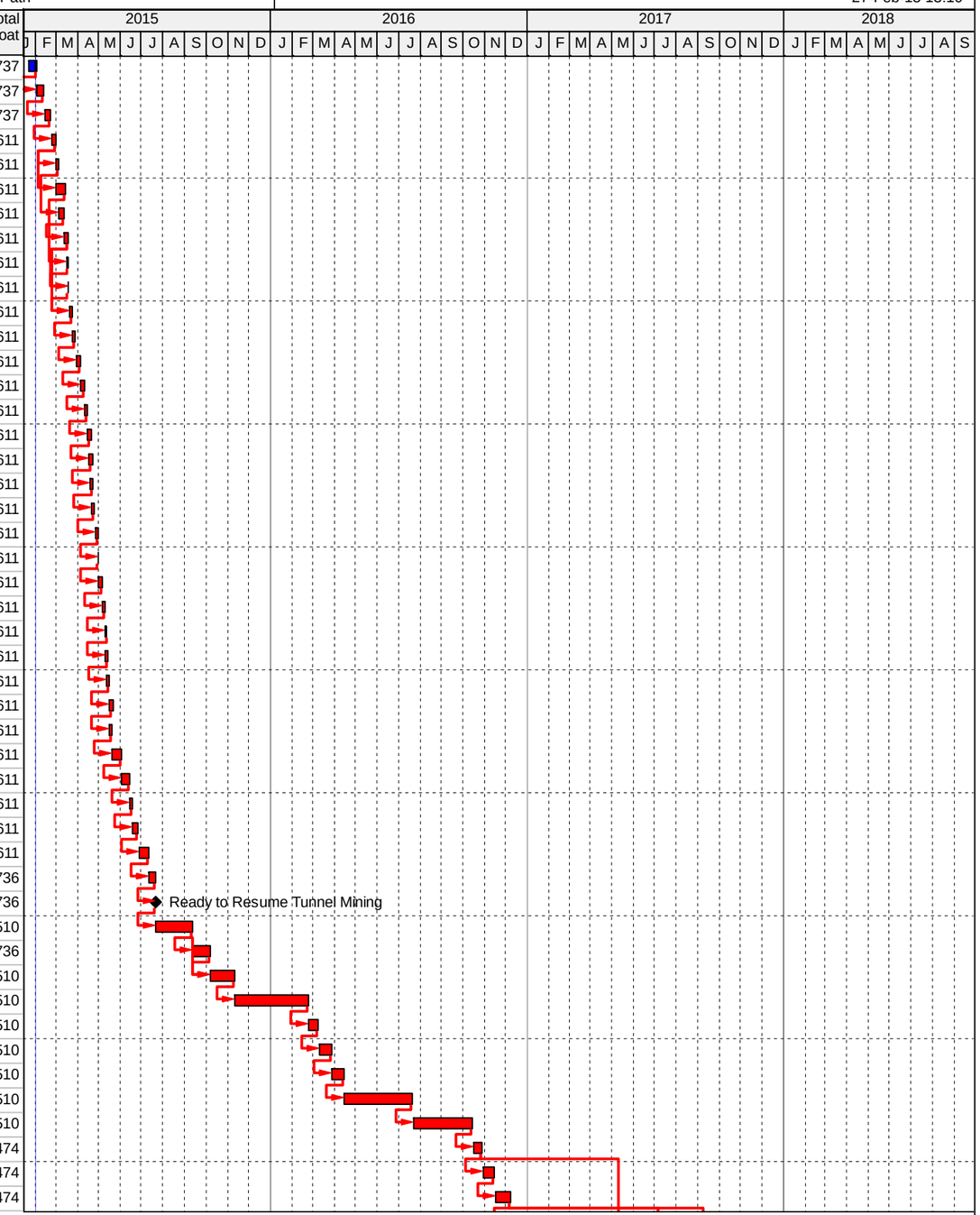
Seattle Tunnel Partners monthly schedule – January 2015

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 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. It also does not account for the contractor's efforts to speed up work. WSDOT cannot verify any of the dates shown in this schedule until STP's work to resume mining is further along.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
BT TBM Shaft 10f2	Excavate Access Shaft from Elev -90 to Elev -104 (Bottom of Cradle)	17	22-Jan-15 A	02-Feb-15	-737
BT TBM Shaft 010c	Install Cradle	10	03-Feb-15	12-Feb-15	-737
BT TBM Shaft 07	Move TBM to Recovery Shaft	10	13-Feb-15	22-Feb-15	-737
TBM Repair 510	1.4 Installation of Working Stages at TBM Periphery	6	23-Feb-15	28-Feb-15	-611
TBM Repair 540	1.7 Weld Lifting Pieces on Front/Middle Body	4	02-Mar-15	05-Mar-15	-611
TBM Repair 640	2.1 Weld FB Seal to BB a& Goug Out Outer Seal Ring Welding Beam	12	02-Mar-15	14-Mar-15	-611
TBM Repair 660	2.3 Disassembly and Lift Front Body Upper	6	06-Mar-15	12-Mar-15	-611
TBM Repair 670	2.7 Disasembly and Lift Up Front Body (Right/Left)	5	13-Mar-15	18-Mar-15	-611
TBM Repair 650	2.2 Remove Scaffolding of TBM Chamber	3	16-Mar-15	18-Mar-15	-611
TBM Repair 680	2.8 - 2.10 Turn Over & Place in Working Area the Front Body (Right	1	19-Mar-15	19-Mar-15	-611
TBM Repair 700	2.12 Disassembly of CDU and Lift Up	4	20-Mar-15	24-Mar-15	-611
TBM Repair 740	4.1 - 4.2 Assemble Working Stage for CDU & Remove Bearing Block	4	25-Mar-15	28-Mar-15	-611
TBM Repair 780	4.8 - 4.9 Clean up Bearing Block & Cut Bearing Block's Front and Re	6	30-Mar-15	04-Apr-15	-611
TBM Repair 790	4.10 - 4.11 Store Bearing Block Rear, Distmantle Main Bearing	5	06-Apr-15	10-Apr-15	-611
TBM Repair 800	4.12 Distmantle Outer Cutter Seals	3	11-Apr-15	14-Apr-15	-611
TBM Repair 870	6.3 Piping Work and Wiring Work	5	15-Apr-15	20-Apr-15	-611
TBM Repair 880	6.4 - 6.5 Clean Cutter Seals & Bearings & Modify Mixing Blades on C	5	17-Apr-15	22-Apr-15	-611
TBM Repair 890	6.6 - 6.8 Install & Weld New Seal Ring to Cutter Column & Install Sea	4	18-Apr-15	22-Apr-15	-611
TBM Repair 900	6.9 Install New Bearing to Cutter Column	5	21-Apr-15	25-Apr-15	-611
TBM Repair 910	6.10 & 6.17 Exchange Cutter Seals & Sponge Seal Installation	4	27-Apr-15	30-Apr-15	-611
TBM Repair 1230	6.16 IInstall Agittor & Inner Cylinder to Cutter Column	1	30-Apr-15	30-Apr-15	-611
TBM Repair 970	6.18 - 6.19 Install Bearing Block to Cutter Column and Cutter Motors	5	01-May-15	06-May-15	-611
TBM Repair 980	7.1 - 7.2 Lift, Turn, Lower and Install CDU to TBM	3	07-May-15	09-May-15	-611
TBM Repair 990	7.3 - 7.4 Install Scaffolding for CDU Trunnions Removal & Weld Dete	1	11-May-15	11-May-15	-611
TBM Repair 1000	7.5 - 7.6 Removing CDU Trunions & Scaffolding for CDU Trunions	4	11-May-15	14-May-15	-611
TBM Repair 1010	7.7 - 7.10 Lower Left Side Passageway, Left & Right Side Front Body	3	13-May-15	15-May-15	-611
TBM Repair 1020	8.1 & 8.3 Bolting the Bearing Block Front & Restoration of Working D	6	16-May-15	22-May-15	-611
TBM Repair 1030	8.2 & 8.4 Cut the Front Body & Cutter Head Lifting Pieces	4	16-May-15	20-May-15	-611
TBM Repair 1080	8.9 Welding of the Front Body	10	21-May-15	02-Jun-15	-611
TBM Repair 1090	8.10 Restoration of the Cutter Electric Motors	10	03-Jun-15	13-Jun-15	-611
TBM Repair 1170	8.19 - 8.20 Remove Fixed Beam Between Cutter Head & Front Body	3	15-Jun-15	17-Jun-15	-611
TBM Repair 1180	8.21 Remove Scaffolding and Working Stage	8	18-Jun-15	26-Jun-15	-611
TBM Repair 1220	10 Test Run & Inspections	12	27-Jun-15	11-Jul-15	-611
BT TBM Shaft 08H	Backfill Shaft	10	12-Jul-15	21-Jul-15	-736
BT TBM Shaft 08I	Ready to Resume Tunnel Mining	0		21-Jul-15	-736
BT TBM 102C	BT TBM Mining 204+78 to 210+10 - Safe Haven 3	37	22-Jul-15	11-Sep-15	-510
BT TBMSH3	BT - TBM at Safe Haven 3	25	12-Sep-15	06-Oct-15	-736
BT TBM 102x	BT - TBM Mining\Precast\Muck 210+10 to 213+00 { Balance of Reac	25	07-Oct-15	10-Nov-15	-510
BT TBM 103	BT - TBM Mining\Precast\Muck 213+00 to 234+00 {Reach 03}	71	11-Nov-15	24-Feb-16	-510
BT TBM 104	BT - TBM Mining\Precast\Muck 234+00 to 238+80 {Reach 04}	10	25-Feb-16	09-Mar-16	-510
BT TBM 105	BT - TBM Mining\Precast\Muck 238+80 to 245+00 {Reach 05}	13	10-Mar-16	28-Mar-16	-510
BT TBM 106	BT - TBM Mining\Precast\Muck 245+00 to 252+00 {Reach 06}	13	29-Mar-16	14-Apr-16	-510
BT TBM 107	BT - TBM Mining\Precast\Muck 252+00 to 287+20 {Reach 07}	68	15-Apr-16	21-Jul-16	-510
BT TBM 95	BT - Disassemble & Remove TBM & Trailing Gear (Linear Plant) fror	60	22-Jul-16	14-Oct-16	-510
NCC Final Slab 1	NCC - F/R/P Final Slab {200 LF} 300+00 to 301+00 (Ext. Pit)	10	17-Oct-16	28-Oct-16	-474
NCC Util Walls	NCC - FRP Utilidor Partition Walls @ Extraction Pit {100 LF} 300+00	12	31-Oct-16	15-Nov-16	-474
NCC NB Deck 2	NCC - FRP NB Deck\Slab @ Extraction Pit	15	16-Nov-16	08-Dec-16	-474



Remaining Level of Effort | Actual Work | Critical Remaining Work
Actual Level of Effort | Remaining Work | Milestone

TASK filter: Longest Path.

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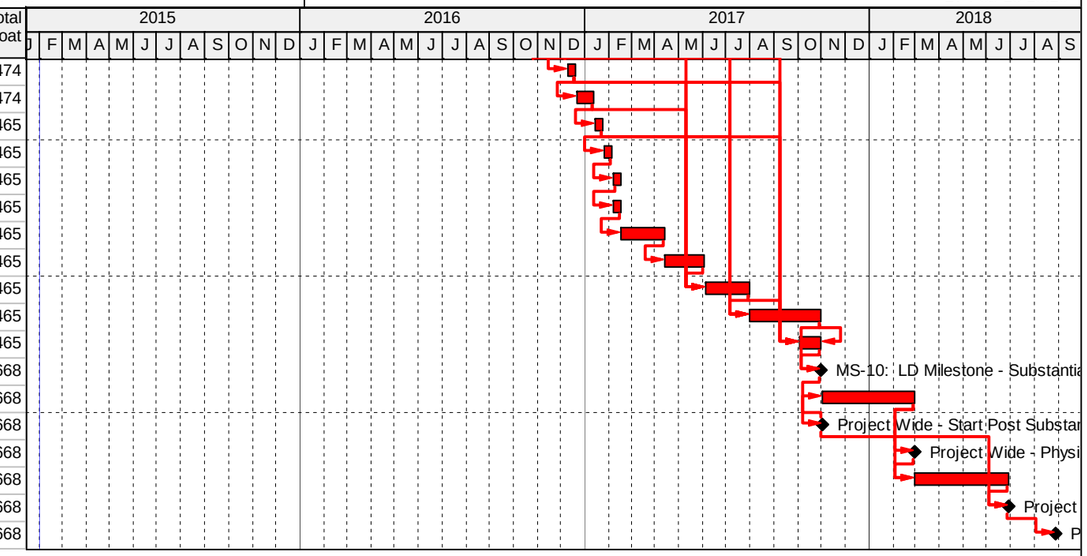
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
NCC NB Walls	NCC - FRP NB Partition Walls @ Extraction Pit	8	09-Dec-16	20-Dec-16	-474
NCC SB Deck 2	NCC - FRP SB Deck\Slab @ Extraction Pit	15	21-Dec-16	12-Jan-17	-474
NCC SB Walls	NCC - FRP SB Partition Walls @ Extraction Pit	8	13-Jan-17	24-Jan-17	-465
NCC Roof Deck 00B	NCC - F/R/P SB Ceiling Deck (below Girders) @ Extaction Pit	8	25-Jan-17	03-Feb-17	-465
NCC Int Walls RD 1	NCC - F/R/P Interior Walls above Ceiling Deck (below Girders) @ E	8	06-Feb-17	15-Feb-17	-465
NCC Int Walls RD 2	NCC - F/R/P Maint. Air Plenum above SB Ceiling Deck (below Girde	8	06-Feb-17	15-Feb-17	-465
PW TAB 01	PW Maintenance Air System TAB Final	40	16-Feb-17	13-Apr-17	-465
PW Integration Test	Project Wide - Verify Systems Integration Integrity	35	14-Apr-17	02-Jun-17	-465
PW 03	Project Wide - Pre-Acceptance Phase Commissioning {2 Months}	40	05-Jun-17	31-Jul-17	-465
PW 04	Project Wide - Acceptance Phase Commisioning {3 Months}	65	01-Aug-17	31-Oct-17	-465
PW 05	Project Wide - Final System Test for Traffic {1 Month}	20	04-Oct-17	31-Oct-17	-465
MS 10	MS-10: LD Milestone - Substantial Completion {Finish on 21Dec15}	0		31-Oct-17*	-668
PW 88	Project Wide - Final Inspection (120 CD - Substantial Completion to	120	01-Nov-17	28-Feb-18	-668
PW 80	Project Wide - Start Post Substantial Completion Activities	0	01-Nov-17		-668
PW 85	Project Wide - Physical Completion (Substantial Completion + 120 C	0		28-Feb-18	-668
PW 86	Project Wide - Final Pickup (120 CD - Physical Completion to Final C	120	01-Mar-18	28-Jun-18	-668
PW 90	Project Wide - Milestone - Final Completion (Substantial Completion	0		28-Jun-18	-668
PW 95	Project Wide - Milestone - Release Retainage (Final Completion +60	0		27-Aug-18*	-668



Remaining Level of Effort | Actual Work | Critical Remaining Work
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