

Activity ID	Description	Orig Dur.	Start	Finish	2013												2014				2015								
					MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY
Preconstruction																													
1010	CMGC Award	0	03OCT12																										
1020	DD Estimate	12	10OCT12	25OCT12 A																									
1060	DD Estimate VE/Reconcile	68	26OCT12	31JAN13 A	Reconcile																								
1140	DD rev 2	22	01FEB13	04MAR13 A																									
1180	In water Permitting	110	01FEB13	05JUL13	In water Permitting																								
1160	CD to 40%	35	05MAR13	22APR13 A	to 40%																								
1050	Issue 40% CD Set (Early Work Package & demo)	0	23APR13	22APR13 A	Issue 40% CD Set (Early Work Package & demo)																								
1070	40% CD Set Estimate	16	23APR13	14MAY13 A	40% CD Set Estimate																								
1150	Early Work Permit	65	23APR13	23JUL13	Early Work Permit																								
1080	40% CD Set VE Reconcile	5	15MAY13	21MAY13 A	40% CD Set VE Reconcile																								
1170	CD 40% tp 75%	10	27MAY13	07JUN13	CD 40% tp 75%																								
1100	Develop GMP Estimate	19	10JUN13	05JUL13	Develop GMP Estimate																								
1090	Issue GMP Set	0	14JUN13 *		Issue GMP Set																								
1190	Bid Piling, Soil Improvements, Demo	15	14JUN13	05JUL13	Bid Piling, Soil Improvements, Demo																								
1110	Review/Approve GMP	22	08JUL13	06AUG13	Review/Approve GMP																								
1030	100% CD Issue	12	07AUG13	22AUG13	100% CD Issue																								
1200	Procure H Piles	20	07AUG13	04SEP13	Procure H Piles																								
1220	Signed Contract in Hand	1	22AUG13	22AUG13	Signed Contract in Hand																								
1120	Bid/Award Final Scope	20	23AUG13	20SEP13	Bid/Award Final Scope																								
1130	Final Permit	65	23AUG13	26NOV13	Final Permit																								
1240	Sub contracts signed phase 1	5	23AUG13	29AUG13	Sub contracts signed phase 1																								
1210	Owner NTP	0	27AUG13		Owner NTP																								
1250	Permit Demo /Sitework phase1	0	27AUG13		Permit Demo /Sitework phase1																								
Procurement (Material & Equipment)																													
1230	H piles Submittals - Review & Approve	15	28AUG13	18SEP13	H piles Submittals - Review & Approve																								
1040	H-Pile Material Procurement	5	19SEP13	25SEP13	H-Pile Material Procurement																								
Construction Phase																													
Demolition & Sitework																													
2040	Mobilize	3	27AUG13	29AUG13	Mobilize																								
2140	Reroute Pedestrian Traffic	4	27AUG13	30AUG13	Reroute Pedestrian Traffic																								
2110	Abatement	5	30AUG13	06SEP13	Abatement																								
2200	River safety working plan in place	2	03SEP13	04SEP13	River safety working plan in place																								
2130	Erosion Control	2	05SEP13	06SEP13	Erosion Control																								
2160	Install High Water fence protection	1	05SEP13	05SEP13	Install High Water fence protection																								
2210	Locates	1	05SEP13	05SEP13	Locates																								
2220	Safe off all utilities disconnect /Verify	2	06SEP13	09SEP13	Safe off all utilities disconnect /Verify																								
2150	Salvage wood	3	09SEP13	11SEP13	Salvage wood																								
2120	Demolition - Old Station	10	12SEP13	25SEP13	Demolition - Old Station																								
2190	Demolition - Hardscape	3	26SEP13	30SEP13	Demolition - Hardscape																								
2180	Survey - piling	1	01OCT13	01OCT13	Survey - piling																								
2170	Install H Piles	8	02OCT13	11OCT13	Install H Piles																								
Start date	03OCT12																								Early bar				
Finish date	03NOV14																								Progress bar				
Data date	26MAY13																								Critical bar				
Run date	09SEP13																								Summary bar				
Page number	1A																								Start milestone point				
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Portland Fire & Rescue Station 21- Contract Schedule Skanska USA Building Inc.																													

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					MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN				
2070	Temporary Ramp	3	14OCT13	16OCT13	■ Temporary Ramp																													
Soil Improvements/Grout Injection																																		
2060	Soil Improvements	72	17OCT13	30JAN14	■ Soil Improvements																													
2080	Soil improve set up/ test bore	5	17OCT13	23OCT13	■ Soil improve set up/ test bore																													
2100	Grout inject Grid F to H	21	24OCT13	25NOV13	■ Grout inject Grid F to H																													
2090	Grout inject Grid A to D	21	26NOV13	24DEC13	■ Grout inject Grid A to D																													
2230	Grout inject Grid D to F	21	26DEC13	24JAN14	■ Grout inject Grid D to F																													
2240	Grout inject complete clean up	4	27JAN14	30JAN14	■ Grout inject complete clean up																													
Concrete Foundations																																		
6530	Excavate Pile Caps/Grade Beams	3	31JAN14	04FEB14	■ Excavate Pile Caps/Grade Beams																													
6560	Form ,Pour ,Strip, Caps/Beams	5	05FEB14	11FEB14	■ Form ,Pour ,Strip, Caps/Beams																													
6540	Form /Pour Concrete Columns	15	12FEB14	04MAR14	■ Form /Pour Concrete Columns																													
6550	Backfill Caps Beams	2	12FEB14	13FEB14	■ Backfill Caps Beams																													
6570	Form Pour Strip Retaining walls	6	12FEB14	19FEB14	■ Form Pour Strip Retaining walls																													
6590	Install MEP sleeving in retaining walls	1	12FEB14	12FEB14	■ Install MEP sleeving in retaining walls																													
6610	Form Pour Elevator Pit	4	12FEB14	17FEB14	■ Form Pour Elevator Pit																													
6630	Foundation Insulation install	1	18FEB14	18FEB14	■ Foundation Insulation install																													
6640	Waterproof Elevator Pit	2	18FEB14	19FEB14	■ Waterproof Elevator Pit																													
6580	Backfill Reatinng walls	3	20FEB14	24FEB14	■ Backfill Reatinng walls																													
6320	Underslab Utilities	10	25FEB14	10MAR14	■ Underslab Utilities																													
6720	Install Oil separator tank	2	25FEB14	26FEB14	■ Install Oil separator tank																													
6280	Fine grade adjust elevations	1	10MAR14	10MAR14	■ Fine grade adjust elevations																													
6710	Install Rebar slab on grade	1	11MAR14	11MAR14	■ Install Rebar slab on grade																													
6180	Slab on Grade	2	12MAR14	13MAR14	■ Slab on Grade																													
Structural Steel																																		
6190	Structural Steel - L 1	10	14MAR14	27MAR14	■ Structural Steel - L 1																													
6750	Install Rebar L1	1	28MAR14	28MAR14	■ Install Rebar L1																													
6270	Pour SOMD L1	2	31MAR14	01APR14	■ Pour SOMD L1																													
6200	CMU Walls L1	7	02APR14	10APR14	■ CMU Walls L1																													
6260	Scaffolding	5	02APR14	08APR14	■ Scaffolding																													
6290	Structural Steel L 2	10	11APR14	24APR14	■ Structural Steel L 2																													
6520	Pour SOMD L2	3	25APR14	29APR14	■ Pour SOMD L2																													
6440	CMU L2	5	30APR14	06MAY14	■ CMU L2																													
6500	Roof steel /Sheeting	5	07MAY14	13MAY14	■ Roof steel /Sheeting																													
Exterior Enclosure																																		
6230	Exterior Framing/Sheathing	10	14MAY14	28MAY14	■ Exterior Framing/Sheathing																													
6210	Exterior Metal PanelsSystem	35	29MAY14	18JUL14	■ Exterior Metal PanelsSystem																													
6220	CMU Veneer	10	29MAY14	12JUN14	■ CMU Veneer																													
6240	Roofing	15	29MAY14	19JUN14	■ Roofing																													
6250	West Screen Wall	20	20JUN14	18JUL14	■ West Screen Wall																													
6620	Install Solar Panels	10	20JUN14	03JUL14	■ Install Solar Panels																													
6420	Window Systems	13	10JUL14	29JUL14	■ Window Systems																													
Interior Buildout																																		
6300	MEP Rough In	25	14MAY14	19JUN14	■ MEP Rough In																													

Start date	03OCT12
Finish date	03NOV14
Data date	26MAY13
Run date	09SEP13
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Station 21- Contract Schedule
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- Early bar
- Progress bar
- Critical bar
- Summary bar
- ◆ Start milestone point
- ◆ Finish milestone point

