

Table 5.1 Cowlitz River Levee Details

ENGR STATION	USACE STATION	NEAREST ADDRESS	LOCATION	LEVEE ROW DIMENSIONS			LEVEE CREST ELEV. NAVD88	LAND WARD SLOPE HV	TOE DRAINS REQ. REFERENCE USACE DWG CL-05-16/14		TOE DRAINS CONT. REFERENCE USACE DWG CL-05-16/14		GRAVEL BLANKETS REFERENCE USACE DWG CLW-64-8/1		IMPERV. BLANKETS REFERENCE USACE DWG CLW-64-9/1		STONE REVETMENT REFERENCE USACE DWG CLW-64-2/6		LEVEE SECTION C REFERENCE USACE DWG CL-05-16/13		LEVEE SECTION D REFERENCE USACE DWG CL-05-16/13	
				TOTAL	TO LAND	TO RIVER			START	END	START	END	START	END	START	END	START	END	START	END	START	END
29+73	773+45	----- END OF COWLITZ RIVER LEVEE -----		100	50	50	40.8	6:1														
28+00	771+41	135 West Side Hwy		100	50	50	40.6	6:1													562+00	773+45
24+00	767+35	129 West Side Hwy		100	50	50	39.2	6:1													562+00	773+45
20+00	763+35	101 Fishers Lane		100	50	50	39.7	6:1													562+00	773+45
16+00	759+35	400 Block NW 1st Ave		100	50	50	38.8	6:1													562+00	773+45
12+00	755+35	300 Block NW 1st Ave		100	50	50	39.2	6:1													562+00	773+45
8+00	751+35	Cowlitz Way Bridge	Cowlitz Way Bridge	100	50	50	39.0	6:1													562+00	773+45
4+00	747+35	200 Block NW 1st Ave		100	50	50	38.6	6:1									746+00	747+20			562+00	773+45
436+00	743+18	West Main Street	Allen Street Bridge	100	50	50	35.3	6:1													562+00	773+45
432+00	739+18	85 Catlin Street		100	50	50	35.1	6:1													562+00	773+45
428+00	735+18	312 SW First Avenue	Hall of Justice	100	50	50	33.4	6:1													562+00	773+45
424+00	731+18	1942 First Avenue	Cowlitz Co. Boat House	175	75	100	34.2	6:1			689+50	733+50									562+00	773+45
420+00	727+18	1826 First Avenue	Regina's Restaurant	175	75	100	34.2	6:1			689+50	733+50									562+00	773+45
416+00	723+18	1742 First Avenue		175	75	100	37.8	6:1			689+50	733+50									562+00	773+45
412+00	719+18	1632 Third Avenue		175	75	100	36.6	6:1			689+50	733+50					712+20	721+70			562+00	773+45
408+00	715+18	1548 River Road	Rivers Edge Condos	175	75	100	34.5	6:1			689+50	733+50					712+20	721+70			562+00	773+45
404+00	711+18	1508 River Road		175	75	100	37.4	6:1			689+50	733+50									562+00	773+45
400+00	707+18	1408 River Road	Nipp & Tuck Drywall	200	100	100	37.1	6:1			689+50	733+50									562+00	773+45
396+00	703+18	1322 River Road	Riverview Condos	200	100	100	34.0	6:1			689+50	733+50									562+00	773+45
392+00	699+18	1310 River Road	Levee House Apts	200	100	100	36.5	6:1			689+50	733+50									562+00	773+45
388+00	695+18	1154 River Road	Waste Control	200	100	100	34.5	6:1			689+50	733+50									562+00	773+45
384+00	691+18	1152 River Road	Waste Control	200	100	100	34.6	6:1			689+50	733+50									562+00	773+45
380+00	687+18	950 Third Avenue	Waste Control	200	100	100	34.1	6:1									682+00	690+00			562+00	773+45
376+00	683+18	1100 Third Avenue	Glacier Northwest	200	100	100	34.1	6:1									682+00	690+00			562+00	773+45
372+00	679+18	850 Third Avenue		200	100	100	35.2	6:1	635+00	681+00											562+00	773+45
368+00	675+18	850 Third Avenue		200	100	100	35.2	6:1	635+00	681+00											562+00	773+45
364+00	671+08	850 Third Avenue		200	100	100	34.7	6:1	635+00	681+00											562+00	773+45
360+00	667+08	760 Marine View Drive		235	135	100	34.2	6:1	635+00	681+00											562+00	773+45
356+00	663+18	740-749 Marine View Dr		235	135	100	33.4	6:1	635+00	681+00											562+00	773+45
352+00	659+18	726-736 Marine View Dr		235	135	100	33.5	6:1	635+00	681+00											562+00	773+45
348+00	655+18	Tennant Way	Third Avenue Off-Ramp	235	135	100	33.0	6:1	635+00	681+00											562+00	773+45
344+00	651+18	Tennant Way	Third Avenue Off-Ramp	235	135	100	33.5	6:1	635+00	681+00											562+00	773+45
340+00	647+18	Tennant Way	Third Avenue Off-Ramp	235	135	100	33.3	6:1	635+00	681+00											562+00	773+45
336+00	643+18	Tennant Way	SR-432	235	135	100	32.9	6:1	635+00	681+00											562+00	773+45
332+00	639+18	Tennant Way	SR-432	235	135	100	33.0	6:1	635+00	681+00											562+00	773+45
328+00	635+18	Tennant Way	SR-432	235	135	100	33.6	6:1	635+00	681+00											562+00	773+45
324+00	631+18	Tennant Way	SR-432	235	135	100	33.7	6:1													562+00	773+45
320+00	627+18	Tennant Way	SR-432	235	135	100	33.1	6:1													562+00	773+45

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									START	END	START	END	START	END	START	END	START	END	START	END	START	END	START
316+00	623+18	500 Tennant Way	Lakeside Industries	235	135	100	32.7	6:1									621+00	626+00			562+00	773+45	
312+00	619+18	500 Tennant Way	Lakeside Industries	235	135	100	33.9	6:1													562+00	773+45	
308+00	615+18	500 Tennant Way	Lakeside Industries	235	135	100	35.0	6:1													562+00	773+45	
304+00	611+18	500 Tennant Way	Lakeside Industries	235	135	100	33.5	6:1													562+00	773+45	
300+00	607+18	500 Tennant Way	Lakeside Industries	235	135	100	32.6	6:1			562+00	610+00									562+00	773+45	
296+00	603+18	500 Tennant Way	Lakeside Industries	235	135	100	32.6	6:1			562+00	610+00					578+00	603+00			562+00	773+45	
292+00	599+18	240 Tennant Way	Swanson Bark & Wood	235	135	100	33.4	6:1			562+00	610+00	599+00	602+00			578+00	603+00			562+00	773+45	
288+00	595+18	240 Tennant Way	Swanson Bark & Wood	235	135	100	33.0	6:1			562+00	610+00					578+00	603+00			562+00	773+45	
284+00	591+18	240 Tennant Way	Swanson Bark & Wood	235	135	100	32.2	6:1			562+00	610+00					578+00	603+00			562+00	773+45	
280+00	587+18	240 Tennant Way	Swanson Bark & Wood	275	175	100	33.0	6:1			562+00	610+00					578+00	603+00			562+00	773+45	
276+00	583+18	240 Tennant Way	Swanson Bark & Wood	275	175	100	35.6	6:1			562+00	610+00					578+00	603+00			562+00	773+45	
272+00	579+18	240 Tennant Way	Swanson Bark & Wood	275	175	100	35.1	6:1			562+00	610+00					578+00	603+00			562+00	773+45	
268+00	575+18	200 Freedom Way	Gearhart Gardens	325	175	150	35.6	6:1			562+00	610+00									562+00	773+45	
264+00	571+18	200 Freedom Way	Gearhart Gardens	325	175	150	35.3	6:1			562+00	610+00									562+00	773+45	
260+00	567+18	200 Freedom Way	Gearhart Gardens	325	175	150	34.6	6:1			562+00	610+00									562+00	773+45	
256+00	563+18	Tennant Way	SR-432	325	175	150	32.5	6:1			562+00	610+00									562+00	773+45	
252+00	559+18	Tennant Way	SR-432	325	175	150	32.6	4:1												476+00	562+00		
248+00	555+18	Tennant Way	Burthington Northern RR	275	175	100	34.7	4:1					546+00	555+00						476+00	562+00		
244+00	551+18	100 Tennant Way	J.E. McAmis Shipyard	275	175	100	37.0	4:1					546+00	555+00						476+00	562+00		
240+00	547+18	100 Tennant Way	J.E. McAmis Shipyard	275	175	100	37.8	4:1					546+00	555+00						476+00	562+00		
236+00	543+18	100 Tennant Way	J.E. McAmis Shipyard	275	175	100	37.5	4:1												476+00	562+00		
232+00	539+18	100 Tennant Way	J.E. McAmis Shipyard	350	175	175	36.9	4:1												476+00	562+00		
228+00	535+18	100 Tennant Way	J.E. McAmis Shipyard	350	175	175	35.6	4:1												476+00	562+00		
224+00	531+18	100 Tennant Way	J.E. McAmis Shipyard	350	175	175	37.1	4:1												476+00	562+00		
220+00	527+18	100 Tennant Way	J.E. McAmis Shipyard	350	175	175	36.2	4:1												476+00	562+00		
216+00	523+18	Log Locks	Log Locks	310	175	135	33.9	4:1												476+00	562+00		
212+00	519+18	300 Fibre Way	Westrock Pulp & Paper	275	175	100	35.1	4:1												476+00	562+00		
208+00	515+18	300 Fibre Way	Westrock Pulp & Paper	275	175	100	34.4	4:1									514+75	517+94		476+00	562+00		
204+00	511+18	300 Fibre Way	Westrock Pulp & Paper	275	175	100	34.7	4:1							482+00	512+00				476+00	562+00		
200+00	507+18	300 Fibre Way	Westrock Pulp & Paper	275	175	100	34.7	4:1							482+00	512+00	506+49	510+49		476+00	562+00		
196+00	503+18	300 Fibre Way	Westrock Pulp & Paper	275	175	100	35.4	4:1							482+00	512+00				476+00	562+00		
192+00	499+18	300 Fibre Way	Westrock Pulp & Paper	275	175	100	35.7	4:1							482+00	512+00				476+00	562+00		
188+00	495+18	300 Fibre Way	Westrock Pulp & Paper	275	175	100	35.5	4:1							482+00	512+00				476+00	562+00		
184+00	491+18	300 Fibre Way	Westrock Pulp & Paper	275	175	100	35.4	4:1							482+00	512+00				476+00	562+00		
180+00	487+18	300 Fibre Way	Westrock Pulp & Paper	325	175	150	35.3	4:1							482+00	512+00				476+00	562+00		
176+00	483+18	300 Fibre Way	Westrock Pulp & Paper	325	175	150	35.3	4:1							482+00	512+00				476+00	562+00		
172+00	476+18	300 Fibre Way	Westrock Pulp & Paper	325	175	150	35.2	4:1												476+00	562+00		
168+00	475+18	300 Fibre Way	Westrock Pulp & Paper	325	175	150	34.5	4:1												476+00	562+00		
166+00	473+00	----- START OF COWLITZ RIVER LEVEE -----		325	175	100	34.4	4:1															