

Neon Future Phases - Bridge Summary

Quantity Basis - 15% Concept Layouts

By: M Cooper Date: 6/19/14 (final)

Check: G Lingor Date: 3/20/14

Bridge	Phase	Facility Carried	Facility Crossed	No. of Spans	Span Length(s) (ft)	Straddle Bents		Deck Width (ft)	Superstructure Depth (ft)		Assumptions	
						Location	Span (ft)		Typical Section	at Straddle Bents		
1	A	Grand Central Parkway	UPRR	1	153			109.4 to 122.6	7.00	--	Composite steel I-girders	
2	B1	CD-N and SA2	Oakey/Wyoming	2	126, 79.5			63.00	5.00	--	Composite steel I-girders	
3		CD-N	Neon Gateway	2	84.33, 108.75			56.00	4.33	--	Composite steel I-girders	
4		SA2	Neon Gateway, CD-N and CH1	11	82.17, 124, 124, 111, 111, 111, 111, 143, 143, 100, 81	Bent 4	66	31.00	5.75	8.00	CIP P/T concrete box girder	
						Bent 5	66			8.00		
						Bent 8	69			9.00		
						Bent 9	68			9.00		
5		CD-N	Charleston	Charleston	2	101, 120.25			60.00	4.75	--	Composite steel I-girders
6		NB I-15	Charleston	Charleston	2	113.5, 100.5			15.00	4.75	--	Composite steel I-girders (widen)
7	CD-N	Grand Central Slip Ramp	Grand Central Slip Ramp	1	72			55.00	3.50	--		
8	CD-N	Alta/Bonneville	Alta/Bonneville	1	129.5			51.00	6.00	--	Composite steel I-girders	
9	B2	NB I-15	Sahara	2	110, 85			81.60	4.50	--	Composite steel I-girders	
10		SM3	SA4	7	92, 130, 130, 130, 130, 105, 82	Bent 3	44	39.00	5.25	7.00	CIP P/T concrete box girder	
						Bent 4	49			7.00		
11	C	Wyoming	UPRR	1	123.14			90.00	5.50	--	Composite steel I-girders	
12		Wyoming	Industrial	1	109.75			82.00	5.00	--	Composite steel I-girders	

Neon Future Phases - Retaining Wall Summary

Quantity Basis - 15% Concept Layouts

By: M Cooper

Date: 6/19/14 (final)

Check: G Lingor

Date: 3/20/14

Phase	Wall	Wall Name	Rdwy	LT/RT	Begin Sta	End Sta	Approx Elev				Avg H (ft)	Wall L (ft)	Area (ft2)	Barrier L (ft)	Notes
							Sta	Top	Bot	H (ft)					
A	A-1	GC16	GCI-O	RT	16+08.09	22+46.88	16+08.09	2040.2	2039.5	0.7	22.5	779	17,538	100	Wall L includes abutment wrap
							17+00.00	2049.9	2039.5	10.4					
							18+00.00	2055.9	2040.0	15.9					
							19+00.00	2060.3	2039.5	20.8					
							20+00.00	2066.8	2039.5	27.3					
							21+00.00	2072.6	2040.0	32.6					
							22+00.00	2076.6	2040.5	36.1					
							22+46.88	2077.3	2041.0	36.3					
A	A-2	GC21	GCI-O	LT	20+50.00	21+54.48	20+50.00	2070.5	2039.5	31.0	32.9	165	5,424	73	Wall L includes abutment wrap
							21+00.00	2072.8	2040.0	32.8					
							21+54.48	2075.3	2040.5	34.8					
A	A-3	GC23	GCI-O	LT	22+90.34	25+93.91	22+90.34	2077.3	2041.0	36.3	31.3	381	11,918	252	Wall L includes abutment wrap
							23+00.00	2077.2	2041.0	36.2					
							24+00.00	2074.4	2040.5	33.9					
							25+00.00	2068.8	2041.0	27.8					
							25+93.91	2063.2	2041.0	22.2					
A	A-4	GC24	GCI-O	RT	23+93.44	26+30.74	23+93.44	2074.7	2041.0	33.7	28.2	322	9,068	100	Wall L includes abutment wrap
							24+00.00	2074.4	2040.5	33.9					
							25+00.00	2069.4	2041.0	28.4					
							26+00.00	2064.1	2041.0	23.1					
							26+30.74	2062.7	2041.0	21.7					
Phase A Totals:											26.68	1,647	43,948	525	

B1	B1-1	MN-HOV740	MN-HOV	RT	739+82.52	743+32.91	739+82.52	assumed H	4.0	6.2	351	2,171	351		
							740+00.00	assumed H	8.0						
							741+00.00	2088.0	2074.7						13.3
							742+00.00	2086.0	2078.6						7.4
							743+00.00	2083.0	2080.3						2.7
							743+32.91	2082.0	2080.3						1.7
B1	B1-2	MN744	MN	RT	742+62.21	746+01.16	742+62.21	2078.5	2077.5	1.0	6.0	340	2,040	340	
							743+00.00	2078.9	2077.5	1.4					
							744+00.00	2078.4	2072.5	5.9					
							745+00.00	2075.7	2063.0	12.7					

Neon Future Phases - Retaining Wall Summary

Quantity Basis - 15% Concept Layouts

By: M Cooper

Date: 6/19/14 (final)

Check: G Lingor

Date: 3/20/14

Phase	Wall	Wall Name	Rdwy	LT/RT	Begin Sta	End Sta	Approx Elev				Avg H (ft)	Wall L (ft)	Area (ft2)	Barrier L (ft)	Notes
							Sta	Top	Bot	H (ft)					
							746+01.16	2072.0	2063.0	9.0					
B1	B1-3	CD-N770	CD-N	RT	764+45.30	773+54.96	764+45.30	2065.3	2050.9	14.4	22.1	1,034	22,824	851	Wall L includes abutment wrap
							765+00.00	2066.0	2050.3	15.7					
							766+00.00	2067.4	2050.0	17.4					
							767+00.00	2068.8	2048.8	20.0					
							768+00.00	2070.1	2048.5	21.6					
							769+00.00	2070.0	2048.3	21.7					
							770+00.00	2071.9	2047.3	24.6					
							771+00.00	2072.5	2046.0	26.5					
							772+00.00	2073.1	2047.5	25.6					
							773+00.00	2073.6	2046.5	27.1					
							773+54.94	2073.9	2045.7	28.2					
B1	B1-4	CD-N775	CD-N	LT	774+52.29	782+96.96	774+52.29	2075.7	2073.5	2.2	3.9	902	3,518	786	Wall L includes abutment wrap
							775+00.00	2075.9	2073.4	2.5					
							776+00.00	2076.2	2073.3	2.9					
							777+00.00	2076.4	2073.1	3.3					
							778+00.00	2076.8	2072.5	4.3					
							779+00.00	2077.2	2071.6	5.6					
							780+00.00	2077.2	2071.1	6.1					
							781+00.00	2076.8	2071.0	5.8					
							782+00.00	2075.5	2071.4	4.1					
							782+96.96	2074.0	2071.8	2.2					
							B1	B1-5	SA2C778	SA2C					
777+00.00	2076.9	2045.6	31.3												
778+00.00	2077.9	2045.3	32.6												
779+00.00	2078.7	2044.8	33.9												
780+00.00	2079.5	2044.2	35.3												
781+00.00	2080.5	2043.4	37.1												
782+00.00	2081.7	2042.7	39.0												
783+00.00	2083.0	2042.7	40.3												
784+00.00	2084.5	2042.0	42.5												
785+00.00	2086.0	2042.2	43.8												
785+66.83	2087.8	2042.5	45.3												

Neon Future Phases - Retaining Wall Summary

Quantity Basis - 15% Concept Layouts

By: M Cooper

Date: 6/19/14 (final)

Check: G Lingor

Date: 3/20/14

Phase	Wall	Wall Name	Rdwy	LT/RT	Begin Sta	End Sta	Approx Elev				Avg H (ft)	Wall L (ft)	Area (ft2)	Barrier L (ft)	Notes
							Sta	Top	Bot	H (ft)					
B1	B1-6	SA2C785	SA2C	LT	784+97.18	785+94.09	784+97.18	assumed H	4.0	21.8	111	2,420	65	Wall L includes abutment wrap	
							785+94.09	2085.9	2046.3	39.6					
B1	B1-7	CD-N784	CD-N	RT	784+71.63	785+68.38	784+71.63	assumed H	4.0	20.2	151	3,051	65	Wall L includes abutment wrap	
							785+00.00	2071.7	2042.8	28.9					
							785+68.38	2070.1	2042.4	27.7					
B1	B1-8	CD-N787	CD-N	LT	787+62.07	788+15.88	787+62.07	2066.6	2062.2	4.4	4.3	53	230	53	
							788+00.00	2065.6	2061.4	4.2					
							788+15.88	2065.2	2060.8	4.4					
B1	B1-9	CD-N792	CD-N	RT	791+61.84	794+31.91	791+61.84	2057.4	2041.8	15.6	15.5	292	4,527	292	
							792+00.00	2057.3	2041.5	15.8					
							793+00.00	2057.1	2042.0	15.1					
							794+00.00	2057.4	2042.0	15.4					
							794+31.91	2057.6	2042.0	15.6					
B1	B1-10	SA2C800	SA2C	RT	798+59.46	801+29.15	798+59.46	2078.2	2042.0	36.2	35.0	341	11,942	240	Wall L includes abutment wraps
							799+00.00	2077.7	2041.6	36.1					
							800+00.00	2076.9	2041.4	35.5					
							801+00.00	2076.3	2042.4	33.9					
							801+29.15	2076.2	2042.8	33.4					
B1	B1-11	CH2803	CH2	LT	802+25.12	810+01.12	802+25.12	2073.0	2043.1	29.9	19.3	791	15,232	749	Wall L includes abutment wrap
							803+00.00	2071.9	2043.1	28.8					
							804+00.00	2070.0	2043.6	26.4					
							805+00.00	2067.7	2044.4	23.3					
							806+00.00	2064.9	2043.4	21.5					
							807+00.00	2062.1	2046.5	15.6					
							808+00.00	2060.0	2047.6	12.4					
							809+00.00	2058.0	2048.6	9.4					
							810+01.12	2055.7	2049.7	6.0					
B1	B1-12	CD-N808	CD-N	RT	807+64.77	815+87.68	807+64.77	2063.4	2047.9	15.5	9.9	815	8,053	951	Wall L includes abutment wrap
							808+00.00	2062.5	2047.6	14.9					
							809+00.00	2060.0	2041.5	18.5					
							810+00.00	2057.5	2043.1	14.4					
							811+00.00	2055.1	2042.0	13.1					
							812+00.00	2051.3	2044.2	7.1					

Neon Future Phases - Retaining Wall Summary

Quantity Basis - 15% Concept Layouts

By: M Cooper

Date: 6/19/14 (final)

Check: G Lingor

Date: 3/20/14

Phase	Wall	Wall Name	Rdwy	LT/RT	Begin Sta	End Sta	Approx Elev				Avg H (ft)	Wall L (ft)	Area (ft2)	Barrier L (ft)	Notes	
							Sta	Top	Bot	H (ft)						
							813+00.00	2051.8	2046.8	5.0						
							814+00.00	2050.5	2045.7	4.8						
							815+00.00	2050.6	2047.6	3.0						
							815+87.68	2051.3	2048.8	2.5						
B1	B1-13	CH-AL818	CH-AL	RT	815+83.38	827+92.50	815+83.38	2051.3	2048.7	2.6	4.7	1,208	5,678	1,208	Cut wall from 823 to end	
							816+00.00	2051.3	2048.5	2.8						
							817+00.00	2051.5	2046.9	4.6						
							818+00.00	2052.2	2042.8	9.4						
							819+00.00	2052.8	2042.7	10.1						
							820+00.00	2052.3	2044.9	7.4						
							821+00.00	2051.3	2045.5	5.8						
							822+00.00	2049.7	2046.3	3.4						
							823+00.00	2048.0	2047.0	1.0						
							824+00.00	2047.8	2046.2	1.6						
							825+00.00	2047.5	2044.5	3.0						
							826+00.00	2046.8	2042.7	4.1						
							827+00.00	2046.7	2041.6	5.1						
							827+92.50	2046.6	2041.7	4.9						
B1	B1-14	CD-N822	CD-N	RT	820+67.62	828+20.12	820+67.62	2055.4	2052.2	3.2	14.8	815	12,079	720	Wall L includes abutment wrap	
							821+00.00	2055.7	2051.9	3.8						
							822+00.00	2056.8	2050.5	6.3						
							823+00.00	2058.3	2048.7	9.6						
							824+00.00	2060.3	2047.0	13.3						
							825+00.00	2062.5	2045.2	17.3						
							826+00.00	2064.5	2043.5	21.0						
							827+00.00	2066.2	2042.3	23.9						
							828+00.00	2067.1	2042.3	24.8						
							828+20.12	2067.2	2042.2	25.0						
B1	B1-15	CD-N830	CD-N	RT	829+40.96	841+15.03	829+40.96	2067.8	2045.5	22.3	16.3	1,228	20,043	1,140	Wall L includes abutment wrap	
							830+00.00	2067.8	2049.2	18.6						
							831+00.00	2067.4	2048.3	19.1						
							832+00.00	2066.6	2046.7	19.9						
							833+00.00	2065.7	2045.6	20.1						

Neon Future Phases - Retaining Wall Summary

Quantity Basis - 15% Concept Layouts

By: M Cooper

Date: 6/19/14 (final)

Check: G Lingor

Date: 3/20/14

Phase	Wall	Wall Name	Rdwy	LT/RT	Begin Sta	End Sta	Approx Elev				Avg H (ft)	Wall L (ft)	Area (ft2)	Barrier L (ft)	Notes
							Sta	Top	Bot	H (ft)					
							834+00.00	2064.8	2045.7	19.1					
							835+00.00	2064.0	2045.8	18.2					
							836+00.00	2063.1	2046.2	16.9					
							837+00.00	2062.2	2046.6	15.6					
							838+00.00	2061.8	2047.7	14.1					
							839+00.00	2062.0	2050.0	12.0					
							840+00.00	2062.8	2051.3	11.5					
							841+00.00	2064.3	2053.7	10.6					
							841+15.03	2064.5	2054.0	10.5					
B1	B1-16	CD-N833	CD-N	LT	832+23.15	843+27.21	832+23.15	2068.1	2065.3	2.8	5.1	1,110	5,679	1,110	
							833+00.00	2067.4	2064.1	3.3					
							834+00.00	2066.5	2062.6	3.9					
							835+00.00	2065.7	2061.2	4.5					
							836+00.00	2064.8	2059.7	5.1					
							837+00.00	2063.9	2058.7	5.2					
							838+00.00	2063.4	2058.1	5.3					
							839+00.00	2063.6	2058.3	5.3					
							840+00.00	2064.4	2058.9	5.5					
							841+00.00	2065.8	2059.9	5.9					
							842+00.00	2067.8	2061.8	6.0					
							843+00.00	2070.5	2063.8	6.7					
							843+27.21	2071.3	2064.3	7.0					
Phase B1 Totals:											15.06	10,624	159,954	9,897	
B2	B2-1	SM3683	SM3	LT	681+24.70	714+20.89	681+24.70	2120.1	2109.8	10.3	9.5	3,326	31,550	3,276	Wall L includes abutment wrap
							682+00.00	2119.5	2109.7	9.8					
							683+00.00	2118.9	2111.4	7.5					
							684+00.00	2118.4	2110.8	7.6					
							685+00.00	2117.9	2110.1	7.8					
							686+00.00	2117.4	2110.3	7.1					
							687+00.00	2116.9	2110.5	6.4					
							688+00.00	2116.4	2109.1	7.3					
							689+00.00	2115.9	2108.0	7.9					

Neon Future Phases - Retaining Wall Summary

Quantity Basis - 15% Concept Layouts

By: M Cooper

Date: 6/19/14 (final)

Check: G Lingor

Date: 3/20/14

Phase	Wall	Wall Name	Rdwy	LT/RT	Begin Sta	End Sta	Approx Elev				Avg H (ft)	Wall L (ft)	Area (ft2)	Barrier L (ft)	Notes
							Sta	Top	Bot	H (ft)					
							690+00.00	2115.4	2107.8	7.6					
							691+00.00	2114.9	2107.0	7.9					
							692+00.00	2114.4	2107.2	7.2					
							693+00.00	2113.9	2106.9	7.0					
							694+00.00	2113.4	2106.6	6.8					
							695+00.00	2112.9	2105.5	7.4					
							696+00.00	2112.4	2105.5	6.9					
							697+00.00	2111.9	2105.0	6.9					
							698+00.00	2111.4	2104.9	6.5					
							699+00.00	2110.9	2103.9	7.0					
							700+00.00	2110.4	2103.0	7.4					
							701+00.00	2109.9	2101.9	8.0					
							702+00.00	2109.4	2101.1	8.3					
							703+00.00	2108.9	2100.6	8.3					
							704+00.00	2108.4	2099.8	8.6					
							705+00.00	2107.9	2099.8	8.1					
							706+00.00	2107.0	2099.5	7.5					
							707+00.00	2105.9	2098.1	7.8					
							708+00.00	2105.4	2096.7	8.7					
							709+00.00	2105.1	2096.1	9.0					
							710+00.00	2105.6	2094.5	11.1					
							711+00.00	2107.1	2094.0	13.1					
							712+00.00	2109.5	2093.8	15.7					
							713+00.00	2112.1	2092.2	19.9					
							714+00.00	2114.2	2090.6	23.6					
							714+20.89	2114.5	2090.5	24.0					
B2	B2-2	SM3710	SM3	RT	708+44.54	714+20.89	708+44.54	2105.8	2100.4	5.4	14.1	596	8,413	546	Wall L includes abutment wrap
							710+00.00	2106.3	2098.8	7.5					
							711+00.00	2107.8	2097.3	10.5					
							712+00.00	2110.2	2095.7	14.5					
							713+00.00	2112.8	2094.7	18.1					
							714+00.00	2114.9	2093.7	21.2					
							714+20.89	2115.1	2093.5	21.6					

Neon Future Phases - Retaining Wall Summary

Quantity Basis - 15% Concept Layouts

By: M Cooper

Date: 6/19/14 (final)

Check: G Lingor

Date: 3/20/14

Phase	Wall	Wall Name	Rdwy	LT/RT	Begin Sta	End Sta	Approx Elev				Avg H (ft)	Wall L (ft)	Area (ft2)	Barrier L (ft)	Notes
							Sta	Top	Bot	H (ft)					
B2	B2-3	SM3723	SM3	LT	722+10.88	730+40.59	722+10.88	2107.7	2083.4	24.3	12.8	800	10,264	750	Wall L includes abutment wrap
							723+00.00	2103.9	2083.3	20.6					
							724+00.00	2099.2	2083.0	16.2					
							725+00.00	2095.2	2082.5	12.7					
							726+00.00	2092.2	2081.9	10.3					
							727+00.00	2090.2	2081.4	8.8					
							728+00.00	2089.2	2080.8	8.4					
							729+00.00	2089.3	2081.1	8.2					
							730+00.00	2089.8	2080.7	9.1					
							730+40.59	2090.1	2080.4	9.7					
B2	B2-4	SM3724	SM3	RT	722+10.88	728+19.17	722+10.88	2109.2	2087.2	22.0	9.6	611	5,840	561	Wall L includes abutment wrap
							723+00.00	2104.6	2087.1	17.5					
							724+00.00	2099.8	2087.4	12.4					
							725+00.00	2095.9	2087.9	8.0					
							726+00.00	2092.9	2088.4	4.5					
							727+00.00	2090.9	2088.9	2.0					
							728+19.17	2089.9	2089.4	0.5					
B2	B2-5	MN683	MN	LT	681+73.69	696+79.48	681+73.69	2117.6	2114.6	3.0	2.4	1,517	3,641	1,517	
							682+00.00	2117.3	2114.4	2.9					
							683+00.00	2116.3	2113.5	2.8					
							684+00.00	2115.4	2112.8	2.6					
							685+00.00	2114.6	2112.2	2.4					
							686+00.00	2114.0	2111.7	2.3					
							687+00.00	2113.5	2111.2	2.3					
							688+00.00	2113.0	2110.7	2.3					
							689+00.00	2112.5	2110.2	2.3					
							690+00.00	2111.9	2109.7	2.2					
							691+00.00	2111.5	2109.2	2.3					
							692+00.00	2110.9	2108.6	2.3					
							693+00.00	2110.4	2108.1	2.3					
694+00.00	2109.9	2107.6	2.3												
695+00.00	2109.4	2107.1	2.3												
696+00.00	2108.7	2106.5	2.2												

Neon Future Phases - Retaining Wall Summary

Quantity Basis - 15% Concept Layouts

By: M Cooper

Date: 6/19/14 (final)

Check: G Lingor

Date: 3/20/14

Phase	Wall	Wall Name	Rdwy	LT/RT	Begin Sta	End Sta	Approx Elev				Avg H (ft)	Wall L (ft)	Area (ft2)	Barrier L (ft)	Notes
							Sta	Top	Bot	H (ft)					
							696+79.48	2108.1	2106.1	2.0					
B2	B2-6	MN682	MN	RT	681+68.67	682+90.25	681+68.67	2050.0	2013.0	37.0	20.8	120	2,500	0	
							682+00.00	2038.0	2012.5	25.5					
							682+90.25	2012.0	2012.0	0.0					
B2	B2-7	MN-HOV725	MN-HOV	LT	723+36.06	729+43.32	723+36.06	2089.2	2087.2	2.0	3.1	607	1,890	607	
							724+00.00	2089.5	2086.8	2.7					
							725+00.00	2090.0	2086.3	3.7					
							726+00.00	2090.5	2086.3	4.2					
							727+00.00	2091.1	2086.9	4.2					
							728+00.00	2091.6	2088.1	3.5					
							729+00.00	2092.1	2089.6	2.5					
							729+43.32	2092.3	2090.2	2.1					
B2	B2-8	MN730	MN	RT	729+44.93	737+84.92	729+44.93	2088.3	2086.3	2.0	13.0	974	12,682	805	Wall L includes abutment wrap
							730+00.00	2089.5	2086.2	3.3					
							731+00.00	2091.4	2085.5	5.9					
							732+00.00	2092.9	2084.2	8.7					
							733+00.00	2094.1	2082.2	11.9					
							734+00.00	2094.8	2079.9	14.9					
							735+00.00	2095.2	2077.4	17.8					
							736+00.00	2095.1	2074.8	20.3					
							737+00.00	2094.7	2072.3	22.4					
							737+84.92	2094.4	2071.4	23.0					
B2	B2-9	MS735	MS	LT	733+59.52	735+35.70	733+59.52	2092.3	2087.1	5.2	3.2	177	558	177	
							734+00.00	2092.5	2088.2	4.3					
							735+00.00	2093.1	2091.4	1.7					
							735+35.70	2094.4	2093.0	1.4					
Phase B2 Totals:											8.861	8,728	77,338	8,239	
C	C-1	OW102	OW	RT	102+89.09	103+64.63	102+89.09	2047.4	2045.1	2.3	1.8	342	605	0	
			WS	LT	20+40.00	22+72.84	103+64.63	2049.2	2045.7	3.5					
							20+40.00	2044.4	2044.2	0.2					
							21+00.00	2044.2	2044.1	0.1					
							22+00.00	2046.4	2045.4	1.0					

Neon Future Phases - Retaining Wall Summary

Quantity Basis - 15% Concept Layouts

By: M Cooper

Date: 6/19/14 (final)

Check: G Lingor

Date: 3/20/14

Phase	Wall	Wall Name	Rdwy	LT/RT	Begin Sta	End Sta	Approx Elev				Avg H (ft)	Wall L (ft)	Area (ft2)	Barrier L (ft)	Notes
							Sta	Top	Bot	H (ft)					
							22+72.84	2049.2	2045.7	3.5					
C	C-2	WS26	WS	RT	25+15.94	28+01.40	25+15.94	2062.7	2043.6	19.1	8.4	308	2,588	308	
							26+00.00	2052.5	2043.2	9.3					
							27+00.00	2047.3	2042.8	4.5					
							28+01.40	2043.4	2042.7	0.7					
C	C-3	OW109	OW	LT	108+08.13	109+06.38	108+08.13	2070.7	2045.1	25.6	27.3	148	4,041	66	Wall L includes abutment wrap
							109+06.38	2075.6	2046.6	29.0					
C	C-4	OW108	OW	RT	107+95.58	108+76.84	107+95.58	2070.5	2046.7	23.8	27.1	126	3,409	50	Wall L includes abutment wrap
							108+76.84	2074.5	2044.2	30.3					
C	C-5	OW111	OW	LT	110+20.05	111+00.00	110+20.05	2080.3	2043.9	36.4	37.7	126	4,744	50	Wall L includes abutment wrap
							111+00.00	2082.1	2043.2	38.9					
C	C-6	OW110	OW	RT	109+90.51	110+74.67	109+90.51	2079.8	2042.5	37.3	38.6	132	5,089	50	Wall L includes abutment wrap
							110+74.67	2081.8	2042.0	39.8					
C	C-7	OW113	OW	LT	112+03.75	112+88.64	112+03.75	2082.6	2041.8	40.8	41.0	128	5,242	50	Wall L includes abutment wrap
							112+88.64	2081.4	2040.3	41.1					
C	C-8	OW112	OW	RT	111+74.04	112+58.51	111+74.04	2082.7	2040.9	41.8	42.1	129	5,438	56	Wall L includes abutment wrap
							112+58.51	2082.0	2039.5	42.5					
C	C-9	OW115	OW	LT	113+88.80	120+47.68	113+88.80	2078.1	2039.8	38.3	23.8	692	16,462	620	Wall L includes abutment wrap
							114+00.00	2077.6	2039.8	37.8					
							115+00.00	2072.6	2039.4	33.2					
							116+00.00	2067.6	2039.2	28.4					
							117+00.00	2062.6	2038.7	23.9					
							118+00.00	2057.6	2038.3	19.3					
							119+00.00	2052.6	2037.6	15.0					
							120+00.00	2047.6	2037.2	10.4					
							120+47.68	2045.2	2037.4	7.8					
C	C-10	OW114	OW	RT	113+58.67	120+70.16	113+58.67	2079.2	2040.1	39.1	23.5	766	17,993	688	Wall L includes abutment wrap
							114+00.00	2077.6	2040.2	37.4					
							115+00.00	2072.6	2040.0	32.6					
							116+00.00	2067.6	2039.8	27.8					
							117+00.00	2062.6	2039.3	23.3					
							118+00.00	2057.6	2038.6	19.0					
							119+00.00	2052.6	2037.5	15.1					

Neon Future Phases - Retaining Wall Summary

Quantity Basis - 15% Concept Layouts

By: M Cooper

Date: 6/19/14 (final)

Check: G Lingor

Date: 3/20/14

Phase	Wall	Wall Name	Rdwy	LT/RT	Begin Sta	End Sta	Approx Elev				Avg H (ft)	Wall L (ft)	Area (ft2)	Barrier L (ft)	Notes
							Sta	Top	Bot	H (ft)					
							120+00.00	2047.6	2037.5	10.1					
							120+70.16	2044.1	2037.1	7.0					
Phase C Totals:											22.65	2,897	65,611	1,938	

Neon Future Phases - Sound Wall Summary

Quantity Basis - 15% Concept Layouts

By: M Cooper Date: 2/17/14 (final)

Check: Date:

One sound wall south of Sahara on the west side in Phase B2:

Begin Sound Wall "SM3" Station 699+50 +/-

End Sound Wall "SM3" Station 713+00 +/-

1350 LF

Round up 1400 LF

Height 14 feet

Area 19600 sq ft