

BILL OF REINFORCING STEEL (STAINLESS STEEL)

ABUTMENT (A), APPROACH SLAB (AS), BARRIER (B), CURB (C), DECK (D), MEDIAN (M), PILE (P), PIER (PI), SIDEWALK (S), SHEAR BLOCK (SB)

MARK	TYPE	PIN DIAMETER	LENGTH (mm)	NUMBER OF BARS	MASS
ABUTMENTS					
A1601SS	STR	-	12000	14	261.41
A1602SS	STR	-	4325	4	26.92
A1603SS	STR	-	10775	4	67.06
A1604SS	STR	-	5385	4	33.52
A1605SS	STR	-	7400	6	69.09
A1606SS	STR	-	2490	4	15.50
A1607SS	STR	-	10720	2	33.36
A1608SS	STR	-	6200	2	19.29
A1609SS	STR	-	3505	6	32.72
A1610SS	STR	-	4610	6	43.04
A1611SS	STR	-	5640	12	105.31
A1612SS	STR	-	3330	12	62.18
A1613SS	STR	-	1570	20	48.86
A1614SS	BENT	90	1610	20	50.10
A1615SS	BENT	90	2140	99	329.65
A1616SS	BENT	90	2060	342	1096.23
A1617SS	BENT	90	2620	36	146.76
A1618SS	BENT	90	985	69	105.75
A1619SS	BENT	90	790	69	84.82
A1620SS	BENT	90	1190	69	127.76
A1621SS	BENT	90	1320	69	141.72
A1622SS	BENT	90	705	171	187.58
A1623SS	BENT	90	905	171	240.80
A1624SS	BENT	90	1110	171	295.34
A1625SS	BENT	90	1265	171	336.59
A1626SS	BENT	90	1430	34	75.65
A1627SS	BENT	90	1590	34	84.12
A1628SS	BENT	90	1230	34	65.07
A1629SS	BENT	90	1030	34	54.49
A1630SS	BENT	90	955	20	29.72
A1631SS	STR	-	800	12	14.94
APPROACH SLAB					
AS1601SS	STR	-	9840	760	11636.39
AS1602SS	STR	-	2615	16	65.10
AS1603SS	STR	-	1000	40	62.24
AS1604SS	BENT	90	2300	136	486.72
AS1605SS	BENT	90	1680	208	543.73
AS1606SS	BENT	90	2380	59	218.49
AS1607SS	STR	-	4570	201	1429.29
AS1608SS	BENT	90	2131	268	888.64
AS1609SS	STR	-	12000	268	5004.10
AS1610SS	STR	-	7100	134	1480.38
AS1611SS	STR	-	5400	67	562.96
AS1612SS	BENT	90	4215	134	878.84
AS1613SS	STR	-	3650	134	761.04
AS1614SS	STR	-	1800	8	22.41
AS1615SS	BENT	90	581	138	124.76
AS1616SS	BENT	90	401	1001	624.58
BARRIER					
B1601SS	BENT	90	1510	1103	2591.56
B1602SS	STR	-	5550	300	2590.74
B1603SS	STR	-	6380	20	198.55
B1604SS	STR	-	4145	10	64.50
B1605SS	STR	-	4195	10	65.27
B1606SS	STR	-	6400	20	199.17
B1607SS	STR	-	4105	10	63.87
B1608SS	STR	-	4200	10	65.35
B1609SS	STR	-	580	40	36.10
CURB					
C1601SS	BENT	90	830	1184	1529.11
C1602SS	BENT	90	475	876	647.45
C1603SS	STR	-	12000	64	1195.01
C1604SS	STR	-	2650	16	65.97

MARK	TYPE	PIN DIAMETER	LENGTH (mm)	NUMBER OF BARS	MASS
C1605SS	STR	-	8500	16	211.62
C1606SS	BENT	90	475	172	127.13
C1607SS	BENT	90	700	172	187.34
C1609SS	BENT	90	700	98	106.74
DECK					
D1601SS	STR	-	8000	437	5439.78
D1602SS	STR	-	11250	873	15281.87
D1603SS	STR	-	7600	654	7733.94
D1604SS	STR	-	9250	219	3152.07
D1605SS	BENT	90	2300	583	2086.44
D1606SS	BENT	90	345	4224	2267.53
D1607SS	STR	-	12000	10	186.72
D1608SS	STR	-	4325	2	13.46
D1609SS	STR	-	10775	2	33.53
D1610SS	STR	-	5385	2	16.76
D1611SS	STR	-	8000	2	24.90
D1612SS	STR	-	5690	2	17.71
D1613SS	STR	-	3505	2	10.91
D1614SS	STR	-	4610	2	14.35
D1615SS	STR	-	5640	4	35.10
D1617SS	STR	-	3330	8	41.45
D1618SS	BENT	90	1570	12	29.32
D1619SS	BENT	90	1610	12	30.06
D1620SS	BENT	90	590	99	90.89
D1621SS	BENT	90	435	380	257.21
D1622SS	BENT	90	1040	69	111.66
D1623SS	BENT	90	1125	69	120.78
D1624SS	BENT	90	855	171	227.49
D1625SS	BENT	90	995	171	264.75
D1626SS	BENT	90	925	34	48.94
D1627SS	BENT	90	1215	34	64.28
D1628SS	BENT	90	1345	34	71.16
D1629SS	BENT	90	1405	34	74.33
D1630SS	BENT	90	955	12	17.83
D1901SS	STR	-	2400	256	1373.18
D1902SS	STR	-	12000	3527	94594.14
D1901SS	STR	-	5400	256	3089.66
D1901SS	STR	-	8000	256	4577.28
D1901SS	STR	-	5000	256	2860.80
MEDIAN					
M1601SS	BENT	90	1037	284	458.25
M1602SS	BENT	90	959	1160	1730.96
M1603SS	STR	-	10700	40	665.97
M1604SS	STR	-	3250	107	541.10
M1605SS	STR	-	12000	64	1195.01
M1606SS	STR	-	6850	24	255.81
M1607SS	STR	-	5600	156	1359.32
M1608SS	STR	-	3380	9	47.33
M1609SS	STR	-	3350	364	1897.39
PIER					
PI1901SS	BENT	90	1700	689	2617.86
PILE					
P1601SS	BENT	90	3310	5	25.75
P1901SS	STR	-	1080	12	28.97
SIDEWALK					
S1601SS	BENT	90	3760	218	1275.42
S1602SS	BENT	90	2315	218	785.27
S1603SS	BENT	90	2510	218	851.41
S1604SS	BENT	90	3565	218	1209.28
S1605SS	BENT	90	1925	873	2614.90
S1606SS	BENT	90	2570	218	871.76
S1607SS	BENT	90	3410	218	1156.70
S1608SS	BENT	90	3495	219	1190.97
S1609SS	BENT	90	3350	219	1141.56

MARK	TYPE	PIN DIAMETER	LENGTH (mm)	NUMBER OF BARS	MASS
S1610SS	BENT	90	5255	219	1790.71
S1611SS	BENT	90	1600	219	545.22
S1612SS	BENT	90	4410	219	1502.77
S1613SS	BENT	90	2750	219	937.10
SHEAR BLOCK					
SB1601SS	BENT	90	2250	12	42.01
SB1602SS	BENT	90	1840	8	22.90
SB1603SS	BENT	90	2300	12	42.95
SB1604SS	BENT	90	960	8	11.95
SB1605SS	BENT	90	960	8	11.95
TOTAL REINFORCING STEEL MASS (KG)					210109.32

