B. TAKE OFF SHEETS FOR QUANTITY SURVEY

consolidated consultants engineering & environment	Project Dead Sea Parkway	Number (1)
	Subject Quantities	
		Made by / Date
		Checked / Date

3.01 Granular Sub-base Course

$5540 * [(11 * 0.2) + 2(0.5 * 0.5 * 1.5)] = 16343\ m^3 \ldots (1)$

$5055 * [(12.2 * 0.2) + 2(0.5 * 0.5 * 1.5)] = 16125.45\ m^3 \ldots (2)$

$1048.7 * [(11 * 0.2) + 2(0.5 * 0.5 * 1.5)] = 3093.665\ m^3 \ldots (3)$

Guardrail / section $= 7100 * 1.6 * 0.2 = 2272\ m^3 \ldots (4)$

Ramp (1) $= 49.02 * 0.2 * 9.3 = 91.177\ m^3 \ldots (5)$

Ramp (2) $= 84.26 * 0.2 * 9.3 = 156.72\ m^3 \ldots (6)$

Ramp (3) $= 41.28 * 0.2 * 7.8 = 64.40\ m^3 \quad (7)$

Ramp (4) $= 83.23 * 0.2 * 7.8 = 129.84\ m^3 \quad (8)$

Parkway Facility $= 2[\{(541.12 * 2 * 0.2) + (541.12 * 1.8 * 0.2)\} + (2 * 3081.68 * 0.2)]$

$= 2055.17\ m^3 \ldots (9)$

Tapers at intersections $= 1000\ m^3 \ldots (10)$

Widening $= 0.5 * 0.2 * 2((40 * 3.2) + (40 * 0.8) + (40 * 3.2) + (50 * 1.7) + (50 * 2) + (50 * 1.7) + (50 * 1.2) + (50 * 0.8) + (40 * 3) + (50 * 1.2) + (40 * 3) + (40 * 3) + (40 * 3.2) + (50 * 1.4) + (40 * 2.2) + (40 * 2.25) + (50 * 1) + (50 * 1.7) + (50 * 1) + (80 * 0.6) + (80 * 0.9) + (50 * 0.8) + (50 * 0.7) + (50 * 0.7) + (40 * 1) + (40 * 3.4) + (40 * 1.4) + (40 * 1.7) + (40 * 1.7)$

$= 447.4\ m^3$

Total $= \boxed{41778.82\ m^3}$

consolidated consultants engineering & environment	Project Dead Sea Parkway	Number (2)
	Subject Quantities	
		Made by / Date
		Checked / Date

3.02) Aggregate Base Course

Carriageway = $11643.7 * [(7.4 * 0.2) + 2(0.5 * 0.3 * 0.9)]$ = 20376.475 m^3 ... (1

Shoulders = $5540 * 1.8 * 2 * 0.25 + 5055 * 2.4 * 0.25 * 2$

$+ 1048.7 * 1.8 * 0.25 * 2$ = 11995.83 m^3 ....(2

Ramps = 442.137 m^3 ....(3

Parkway Facility = 2055.17 m^3 ....(4

Tapers at Intersections = 1000 m^3 ....(5

Guardrail sections = $7100 * 1.6 * 0.3$ = 3408 m^3 ....(6

Widening = 447.4 m^3 ....(7)

Total = **39725.012**

consolidated consultants engineering & environment	Project Dead Sea Parkway	Number (3)
	Subject Quantities	
		Made by / Date
		Checked / Date

3.03) Bituminous Prime Coat

$$[(11643.7 * 7.4) + (6588.7 * 1.8 * 2) + (5055 * 2.4 * 2) + (10275.85) + (2250) + (3000) + 2237] * 2/1000$$

$$= \boxed{303.82 \text{ Ton.}}$$

3.04) Bituminous Tack Coat

$$[(11643.7 * 7.4) + 10275.85 + 2250 + 3000 + 22.37] * 0.6/1000$$

$$= \boxed{62.36 \text{ Ton}}$$

3.05) Bituminous Binder Course (5cm Thick.)

$$(11643.7 * 7.4) + (10275.85) + (2250) + (3000) + (6588.7 * 1.8 * 2) + (5055 * 2.4 * 2) + (2237) = \boxed{151909.55 \text{ sq.m}}$$

3.06) Bituminous Wearing Course (5cm Thick)

$$(11643.7 * 7.4) + (10275.85) + (2250) + (3000) + (2237) = \boxed{103926.23 \text{ sq.m}}$$

consolidated consultants engineering & environment	Project Dead Sea Parkway	Number (4)
	Subject Quantities	
		Made by / Date
		Checked / Date

Earthworks

2.01) Unclassified Highway Excavation

Civil Soft (Computer) Calculations = 1,242,693.19 m^3

+ Emergency Escape Ramps (2) = 7000 m^3

+ Dead Sea Intersection = 7000 m^3

Total = **1,256693.19 m^3**

2.02) Embankment Construction

Civil Soft (Computer Calculations = 535,588.7 m^3

+ Dead Sea Intersection = 10,000 m^3

Less Topping Material = - 10,000 m^3

Total = **535,588.7 m^3**

2.03) Subgrade layer (topping)

≃ **33000 m^3**

consolidated consultants engineering & environment	Project Dead Sea Parkway	Number (5)
	Subject Quantities	
		Made by / Date
		Checked / Date

Drainage :-

4.01) R.C. Single Pipe Culvert 750mm

$38.62+38.93+43.31+23.91+13.29+23.49+21.26+(15*2)$
$+60.87+30$ = **323.68 m.l.**

4.02) Ditto, Dia 900mm

$95.2+26.6+48.5+60.5+34.3+61.3+23.12$
= **349.52 m.l**

4.03) R.C Doubk Pipe Culvert ϕ900mm

$93.50+27.8$ = **121.3 m.l**

4.04) Catchpit (drop inlet) = **15 No.**

4.05) Concrete Class (25)

* 1.5*1.5 RCBC $\Longrightarrow$ length = 148.3 m.l.

$148.3*2.2$ = $326.26\ m^3$ .... (1)

* 2.0*1.5 RCBC $\Longrightarrow$ length = 336 m.l

$336*3.33$ = $1118.88\ m^3$ ....(2)

* Headwalls $\Longrightarrow$ = 200 m^3 ....(3)

consolidated consultants engineering & environment	Project Dead Sea Parkway	Number (6)
	Subject	
		Made by / Date
		Checked / Date

4.05) Concrete Class(25) Continue

* Channels

Wadi Z-D: $(2.41 * 0.15 * 28.5)$ + Abu El Asal: $(6.8 * 0.15 * 40)$ + Wadi Himara: $(10.32 * 0.15 * 40)$

$= 113.02\ m^3$ .....(4)

* Drops $= 22.40\ m^3$ ....(5)

Total $= \boxed{1780.56\ m^3}$

4.06) Concrete C 15 For blinding

$148.3 * 2.3 * 0.075 + 336 * 3.0 * 0.075 + 50$

$= \boxed{151.18\ m^3}$

4.07) Mortared Stone Riprap

$16500 * 3.432 = \boxed{56628\ m^3}$

4.08) Energy Dissipators

$13.359 + 5.719 + 8.348 + 5.407 + 5.018 + 9.908 + 4.637 + 3.668 + 8.906 + 5.098 + 6.595 + 8.773 + 40$

$= \boxed{125.436\ m.l.}$

consolidated consultants engineering & environment	Project Dead Sea Parkway	Number (7)
	Subject Quantities	
		Made by / Date
		Checked / Date

4.09) High tensile steel

- 1.5*1.5 RCBC = 148.3 * 0.1745 = 25.878 ton

- 2.0*1.5 RCBC = 336 * 213.3 = 71.669 ton.
- Headwalls = 18 ton.
- Channels = 10 ton

Total = **125.55 Ton**

4.10) Mortared Stone Riprap protection

(90+90+25+75+340+350+60+33+40+90+25+90+280+35+58+40
+40+50+100+30+70+80+80+40+100+80+130+170+180+110+50+180
+130+90+235+390+150+110+100+70) * 3.354 * 0.30 + (0.3 * 0.6
* ($\frac{4486}{8}$ + 1)) = **4614.97 m^3**

4.11) Gabions for slope protection

130 * (8.5 * 1) + 150 = **1255 m^3**

4.12) Unclassified Structural Excavation = 16000

consolidated consultants engineering & environment	Project Dead Sea Parkway	Number (8)
	Subject Quantities	
		Made by / Date
		Checked / Date

Miscellaneous

7.01 Precast Concrete Curb.

Dead Sea Intersection = 12.88+15.82+21.36+42.26+1.49+94.55
+1.52+63.51+42.79+18.27+2.47+1.49
+1.49+18.32+2.41+10.12+3.02+16.90+2.63
+13.2+3.18+25.66+2.84+7.18+24.53+2.44+7.31
+61.30+12.23+16.70+59.12+1.28+1.5
= 762.25 m.l. .... (1)

Main Intersection = 13.12+1.32+11.76+0.52+3.53+2.49+12.63
+1.13+9.42+6.44+7.03+2.35
= 71.74 m.l. .... (2)

Total = **833.99 m.l.**

7.02 Precast Concrete Tiling

Main Intersection = 94.87+35.97 = 130.84 m^2.... (1)

Dead Sea Intersection = 189.37+133.39+75.57
+237.35+166.95 = 802.63 m^2

Total = **933.47 m^2**

consolidated consultants engineering & environment	Project Dead Sea Parkway	Number (9)
	Subject Quantities	
		Made by / Date
		Checked / Date

7.03) Small Signs = 510 No.

7.04) Large Signs = 60 m^2

7.05) Single Post Supports = 330 No.

7.06) Multiple Post Support = 35 No.

7.07) Painted Pavement Lines (15cm) = 4000 m.l.

7.08) Painted Pavement Lines (10cm) = 16000 m.l.

7.09) Yellow (15cm) = 25000 m.l.

7.10) Hatching = 500 m.l.

7.11) Direction Arrows = 800 m.l.

7.12) Cat-eyes = 3500 m.l

7.13) Steel Guardrail = 7300 m.l

consolidated consultants engineering & environment	Project Dead Sea Parkway.	Number (10)
	Subject Quantities	
		Made by / Date
		Checked / Date

A) Retaining Walls (other than in bridges)

5.A2) Concrete Class (C30)

R.W (1480→1620) $= (40*4.35)+(20*4.35)+(20*7.51)+(20*11.97)+(20*9.65$

$+(20*7.51) = 1230.0\ m^3$ ..... (1)

R.W (1835→1880) $= (5*\frac{4.35+7.51}{2})+(20*\frac{7.51+17.38}{2})$

$+(20*\frac{17.38+4.35}{2}) = 340.41\ m^3$ .... (2)

R.W (1920→2010) $= (20*4.35)+(20*\frac{4.35+6.61}{2})+(20*\frac{6.61+11.97}{2})$

$+(20*11.97)+(8*\frac{11.97+4.35}{2})$

$= 687.08\ m^3$ .... (3)

R.W (2250→2295) $= (10*4.35)+(20*\frac{4.35+6.61}{2})+(15*\frac{4.35+6.61}{2})$

$= 235.30\ m^3$ .... (4)

R.W. (2800→2843) $= (20*\frac{4.35+13.69}{2})+(20*\frac{13.69+4.82}{2})$

$+(3*\frac{4.82+4.35}{2}) = 379.255 m^3$ ... (5)

R.W. (3150→3180) $= (10*\frac{4.35+8.7}{2})+(35*\frac{8.7+13.69}{2})$

$= 457.075$ .... (6)

R.W. (3540→3650) $= (20*\frac{4.35+6.61}{2})+(20*\frac{6.61+4.82}{2})+(20*\frac{4.82+13.69}{2})$

$+(20*\frac{13.69+10.69}{2})+(20*\frac{10.69+6.61}{2})+(10*\frac{6.61+4.35}{2})$

$= 880.60\ m^3$ .... (7)

consolidated consultants engineering & environment	Project Dead Sea Parkway	Number (11)
	Subject Quantities	
		Made by / Date
		Checked / Date

R.W. 3785→3880 $= \left(15 * \frac{4.35+8.7}{2}\right) + \left(20 * \frac{8.7+10.69}{2}\right) + \left(20 * \frac{10.69+7.51}{2}\right) + (20 * 7.51)$
$+ \left(20 * \frac{4.35+7.51}{2}\right)$ $= 742.575 \ldots (8)$

R.W. 5085→5190 $= (15 * 4.35) + (20 * 4.35) + \left(20 * \frac{4.35+6.61}{2}\right) + \left(20 * \frac{4.35+6.61}{2}\right)$
$+ (20 * 4.35)$ $= 458.45\,m^3 \ldots . (9)$

R.W. 10690→10775 $= (10 * 4.35) + \left(20 * \frac{4.35+10.69}{2}\right) + (20 * 10.69) + \left(20 * \frac{10.69+7.51}{2}\right)$
$+ \left(15 * \frac{7.51+4.35}{2}\right)$ $= 678.65\,m^3 \ldots (10)$

R.W. 11250→11315 $= (10 * 4.35) + \left(20 * \frac{4.35+4.82}{2}\right) + \left(20 * \frac{4.82+8.7}{2}\right)$
$+ 15\left(\frac{8.7+4.35}{2}\right)$ $= 368.275 \ldots (11)$

Total Concrete C30 $= 6457.67$

consolidated consultants engineering & environment	Project Dead Sea Parkway	Number 12
	Subject Quantities	
		Made by / Date
		Checked / Date

5.A4) High Tensile Steel (Grade 60)

R.W. 1480 → 1620 $= (40*0.21)+(20*0.21)+(20*\frac{0.21+0.563}{2})+(20*\frac{0.563+0.91}{2})$

$+(20*\frac{0.91+0.693}{2})+(20*\frac{0.693+0.563}{2}) = 83$ ton ....(1)

R.W. 1835 → 1880 $= (5*\frac{0.21+0.563}{2})+(20*\frac{0.563+1.243}{2})+$

$(20*\frac{1.243+0.21}{2})$ $= 34.52$ ton ....(2

R.W. 1920 → 2010 $= (20*0.21)+(20*\frac{0.21+0.518}{2})+(20*\frac{0.518+0.91}{2})+(8*\frac{0.91+0.21}{2})$

448

$= 30.24$ ton ....(3

R.W. 2250 → 2295 $= (10*0.21)+(20*\frac{0.21+0.518}{2})+(15*\frac{0.518+0.21}{2})$

$= 14.84$ ton ....(4)

R.W. 2800 → 2843 $= (20*\frac{0.21+1.028}{2})+(20*\frac{1.028+0.375}{2})+(3*\frac{0.375+0.21}{2})$

$= 27.29$ ton ....(5)

R.W. 3540 → 3650 $= (20*\frac{0.21+0.518}{2})+(20*\frac{0.518+0.256}{2})+(20*\frac{0.256+1.028}{2})$

$+(20*\frac{1.028+0.796}{2})+(20*\frac{0.796+0.518}{2})+(10*\frac{0.518+0.21}{2}) = 62.88$ ton ....(6)

R.W. 3785 → 3880 $= (15*\frac{0.21+0.612}{2})+(20*\frac{0.612+0.796}{2})+(20*\frac{0.796+0.563}{2})+(20*0.563)$

$+(20*\frac{0.563+0.21}{2})$ $= 52.83$ ton ....(7)

R.W. 5085 → 5190 $= (15*0.21)+(20*0.21)+(20*\frac{0.21+0.518}{2})+(20*\frac{0.5181+0.21}{2})$

$+(20*0.21)$ $= 26.11$ ton ....(8)

consolidated consultants engineering & environment	Project Dead Sea Parkway	Number (13)
	Subject Quantities	
		Made by / Date
		Checked / Date

R.W10690→10775 $= (10*0.21)+(20*\frac{0.21+0.796}{2})+(20*0.796)+(20*\frac{0.796+0.563}{2})$

$+(15*\frac{0.563+0.21}{2})$ $= 47.47$ ton .... (9)

R.W.11250→11315 $= (10*0.21)+(20*\frac{0.21+0.256}{2})+(20*\frac{0.256+0.612}{2})+(15*\frac{0.612+0.21}{2})$

$= 21.79$ ton ... (10)

R.W.3150→3180 $= (10*\frac{0.21+0.612}{2})+(35*\frac{0.612+1.028}{2})$ $= 32.81$ ton ... (11)

Total High Tensile Steel (Grade 60) = **433.78 ton**

5.A3) Concrete Class C15

R.W. 1480→1620 $= (60*3.25*0.1)+(20*\frac{3.25+4.8}{2}*0.1)+(20*\frac{4.8+6.5}{2}*0.1)+(20*\frac{6.5+5.7}{2}*0.1)$

$+(20*\frac{5.7+4.8}{2}*0.1)$ $= 80.02\ m^3$ ..... (1)

R.W. 1835→1880 $= (5*\frac{3.25+4.8}{2}*0.1)+(20*\frac{4.8+8}{2}*0.1)+(20*\frac{8+3.25}{2}*0.1)$ $= 26.06\ m^3$ .... (2)

R.W.1920→2010 $= (20*3.25*0.1)+(20*\frac{3.25+4.45}{2}*0.1)+(20*\frac{4.45+6.5}{2}*0.1)$

$+(20*6.5*0.1)+(8*\frac{6.5+3.25}{2}*0.1)$ $= 42.05\ m^3$ .... (3)

R.W.2250→2295 $= (10*3.25*0.1)+(35*\frac{3.25+4.45}{2}*0.1)$ $= 16.725\ m^3$ .... (4)

R.W.2800→2843 $= (20*\frac{3.25+7.1}{2}*0.1)+(20*\frac{7.1+3.45}{2}*0.1)$

$+(3*\frac{3.45+3.25}{2}*0.1)$ $= 21.905\ m^3$ .... (5)

consolidated consultants engineering & environment	Project Dead Sea Parkway	Number (14)
	Subject Quantities	
		Made by / Date
		Checked / Date

5.A3) Continue

R.W. 3150→3180 $= (10 * \frac{3.25+5.45}{2} * 0.1) + (35 * \frac{5.45+7.10}{2} * 0.1) = 26.31\ m^3$ .... (6)

R.W. 3540→3650 $= (20 * \frac{3.25+4.45}{2} * 0.1) + (20 * \frac{4.45+3.45}{2} * 0.1) + (20 * \frac{3.45+7.10}{2} * 0.1)$

$+ (20 * \frac{7.10+6}{2} * 0.1) + (20 * \frac{6+4.45}{2} * 0.1) + (10 * \frac{4.45+3.25}{2} * 0.1) = 43.55\ m^3$ .... (7)

R.W. 3785→3880 $= (15 * \frac{3.25+5.45}{2} * 0.1) + (20 * \frac{5.45+6}{2} * 0.1) + (20 * \frac{6+4.8}{2} * 0.1)$

$+ (20 * 4.8 * 0.1) + (20 * \frac{4.8+3.25}{2} * 0.1) = 46.425\ m^3$ .... (8)

R.W. 5085→5190 $= (55 * 3.25 * 0.1) + (40 * \frac{3.25+4.45}{2} * 0.1) = 33.275\ m^3$ .... (9)

R.W. 10690→10775 $= (10 * 3.25 * 0.1) + (20 * \frac{3.25+6}{2} * 0.1) + (20 * 6 * 0.1) + (20 * \frac{6+4.8}{2} * 0.1)$

$+ (15 * \frac{4.8+3.25}{2} * 0.1) = 41.34\ m^3$ .... (10)

R.W. 11250→11315 $= (10 * 3.2 * 0.1) + (20 * \frac{3.25+3.45}{2} * 0.1) + (20 * \frac{3.45+5.45}{2} * 0.1)$

$+ (15 * \frac{5.45+3.25}{2} * 0.1) = 25.325\ m^3$ .... (11)

Total Concrete C15 $= \boxed{402.985\ m^3}$

consolidated consultants engineering & environment	Project Dead Sea Parkway	Number (15)
	Subject Quantities	
		Made by / Date
		Checked / Date

5. A1) Unclassified Structural Excavation

R.W. 1480→1620 = 1600 m^3 . . . . . (1) ✓

R.W. 1835→1880 = 521.25 m^3 . . . . . (2) ✓

R.W. 1920→2010 = 841.0 m^3 . . . . . (3) ✓

R.W. 2250→2295 = 334.5 m^3 . . . . . (4) ✓

R.W. 2800→2843 = 438.10 m^3 . . . . . (5)

R.W. 3150→3180 = 526.25 m^3 . . . . . (6)

R.W. 3540→3650 = 1071.0 m^3 . . . . . (7)

R.W. 3785→3880 = 928.5 m^3 . . . . . (8)

R.W. 5085→5190 = 665.5 m^3 . . . . . (9)

R.W. 10690→10775 = 826.75 m^3 . . . . . (10)

R.W. 11250→11315 = 506.5 m^3 . . . . . (11)

Total Unclassified Structural Excavation = 8259.35 m^3

Final 30/5/2000

STATION	AREA CUT	AREA FILL	ROCK FALL	V. CUT	V.FILL	ROCK FALL	C.V. CUT	C.V. FILL
0	0	0	0	2464.35	0	0	2464.35	0
20	246.435	0	0	4670.45	0	0	7134.80	0
40	220.61	0	0	5101.45	0	0	12236.25	0
60	289.535	0	0	6038.6	0	0	18274.85	0
80	314.325	0	0	4553.25	0	0	22828.10	0
100	141	0	0	2340.35	0	0	25168.45	0
120	93.035	0	0	1179.65	107	0	26348.10	107
140	24.93	10.7	0	1047.75	107	0	27395.85	214
160	79.845	0	0	2514.95	0	0	29910.80	214
180	171.65	0	0	4005.45	0	0	33916.25	214
200	228.895	0	0	5094.25	0	0	39010.50	214
220	280.53	0	0	5237.2	0	0	44247.70	214
240	243.19	0	0	4310.25	0	0	48557.95	214
260	187.835	0	0	3462.85	0	0	52020.80	214
280	158.45	0	0	2973.95	0	0	54994.75	214
300	138.945	0	0	2555.2	0	0	57549.95	214
320	116.575	0	0	1925.25	0	0	59475.20	214
340	75.95	0	0	1167.4	238.55	0	60642.60	452.55
360	40.79	23.855	0	591.95	615.65	0	61234.55	1068.2
380	18.405	37.71	0	192.3	2253.95	0	61426.85	3322.15
400	0.825	187.685	0	115.85	3156.1	0	61542.70	6478.25
420	10.76	127.925	0	697.85	1279.25	0	62240.55	7757.5
440	59.025	0	0	2441.05	0	0	64681.60	7757.5
460	185.08	0	0	5673.7	0	0	70355.30	7757.5
480	382.29	0	0	7589.5	0	0	77944.80	7757.5
500	376.66	0	0	6623.4	0	0	84568.20	7757.5
520	285.68	0	0	5087.45	0	0	89655.65	7757.5
540	223.065	0	0	3926.1	0	0	93581.75	7757.5
560	169.545	0	0	2971.5	0	0	96553.25	7757.5
580	127.605	0	0	2441.25	0	0	98994.50	7757.5
600	116.52	0	0	2341.25	0	0	101335.75	7757.5
620	117.605	0	0	2593.75	0	0	103929.50	7757.5
640	141.77	0	0	3147.75	0	0	107077.25	7757.5
660	173.005	0	0	3443.95	0	0	110521.20	7757.5
680	171.39	0	0	2181.85	0	0	112703.05	7757.5
700	46.795	0	0	762.25	54.55	0	113465.30	7812.05
720	29.43	5.455	0	648.35	75.8	0	114113.65	7887.85
740	35.405	2.125	0	1135.65	21.25	0	115249.30	7909.1
760	78.16	0	0	3518.5	0	0	118767.80	7909.1
780	273.69	0	0	5614.3	0	0	124382.10	7909.1
800	287.74	0	0	6044.6	0	0	130426.70	7909.1
820	316.72	0	0	6285	0	0	136711.70	7909.1
840	311.78	0	0	5779	0	0	142490.70	7909.1
860	266.12	0	0	4363.15	0	0	146853.85	7909.1
880	170.195	0	0	2867.5	0	0	149721.35	7909.1
900	116.555	0	0	1806.35	0	0	151527.70	7909.1
920	64.08	0	0	968.15	35	0	152495.85	7944.1

940	32.735	3.5	0	496.55	187.75	0	152992.40	8131.85
960	16.92	15.275	0	231.45	370.4	0	153223.85	8502.25
980	6.225	21.765	0	84.9	385.55	0	153308.75	8887.8
1000	2.265	16.79	0	51.15	453.8	0	153359.90	9341.6
1020	2.85	28.59	0	28.5	1321.6	0	153388.40	10663.2
1040	0	103.57	0	0	2068.95	0	153388.40	12732.15
1060	0	103.325	0	0	1996.25	0	153388.40	14728.4
1080	0	96.3	0	0	1699.25	0	153388.40	16427.65
1100	0	73.625	0	0	1087.45	0	153388.40	17515.1
1120	0	35.12	0	27.75	489.3	0	153416.15	18004.4
1140	2.775	13.81	0	93.6	213.3	0	153509.75	18217.7
1160	6.585	7.52	0	205.55	131.9	0	153715.30	18349.6
1180	13.97	5.67	0	371.8	82.9	0	154087.10	18432.5
1200	23.21	2.62	0	605.45	26.2	0	154692.55	18458.7
1220	37.335	0	0	434.3	0	0	155126.85	18458.7
1240	6.095	0	0	343.15	0	0	155470.00	18458.7
1260	28.22	0	0	540.7	0	0	156010.70	18458.7
1280	25.85	0	0	547.15	0	0	156557.85	18458.7
1300	28.865	0	0	742.3	0	0	157300.15	18458.7
1320	45.365	0	0	1490.7	0	0	158790.85	18458.7
1340	103.705	0	0	1921.05	0	0	160711.90	18458.7
1360	88.4	0	0	1757.75	0	0	162469.65	18458.7
1380	87.375	0	0	1278.15	0	0	163747.80	18458.7
1400	40.44	0	0	419.25	209.85	263.15	164167.05	18668.55
1420	1.485	20.985	26.315	14.85	1346.75	569.85	164181.90	20015.3
1440	0	113.69	30.67	0	3012.35	780.5	164181.90	23027.65
1460	0	187.545	47.38	0	4099.2	1159.55	164181.90	27126.85
1480	0	222.375	68.575	0	4320.65	1030.55	164181.90	31447.5
1500	0	209.69	34.48	0	4324.35	595.3	164181.90	35771.85
1520	0	222.745	25.05	351.8	4914.4	270.1	164533.70	40686.25
1540	35.18	268.695	1.96	482.5	6140.75	175.85	165016.20	46827
1560	13.07	345.38	15.625	130.7	8086.3	765.3	165146.90	54913.3
1580	0	463.25	60.905	0	9694.35	1145.7	165146.90	64607.65
1600	0	506.185	53.665	15.5	9220.95	665.25	165162.40	73828.6
1620	1.55	415.91	12.86	15.5	5537.95	673.8	165177.90	79366.55
1640	0	137.885	54.52	0	1745.05	1091.55	165177.90	81111.6
1660	0	36.62	54.635	0	373.7	552	165177.90	81485.3
1680	0	0.75	0.565	777.95	7.5	5.65	165955.85	81492.8
1700	77.795	0	0	1742.85	0	27.95	167698.70	81492.8
1720	96.49	0	2.795	2097.5	0	27.95	169796.20	81492.8
1740	113.26	0	0	2365.2	0	0	172161.40	81492.8
1760	123.26	0	0	2608.5	0	0	174769.90	81492.8
1780	137.59	0	0	2986.9	0	0	177756.80	81492.8
1800	161.1	0	0	3776	0	0	181532.80	81492.8
1820	216.5	0	0	2448.45	1072.2	83	183981.25	82565
1840	28.345	107.22	8.3	283.45	3810.5	1109.85	184264.70	86375.5
1860	0	273.83	102.685	0	4142.15	2345.1	184264.70	90517.65
1880	0	140.385	131.825	0	1665.7	1851.9	184264.70	92183.35
1900	0	26.185	53.365	62.25	612.75	630.9	184326.95	92796.1

1920	6.225	35.09	9.725	452.65	669.45	117.25	184779.60	93465.55
1940	39.04	31.855	2	962.2	1254.55	24.35	185741.80	94720.1
1960	57.18	93.6	0.435	1236.85	2061.4	4.35	186978.65	96781.5
1980	66.505	112.54	0	2189.85	2332.95	0	189168.50	99114.45
2000	152.48	120.755	0	3365.95	4667.7	0	192534.45	103782.2
2020	184.115	346.015	0	4525.5	7051.35	0	197059.95	110833.5
2040	268.435	359.12	0	4589.6	6830.45	0	201649.55	117664
2060	190.525	323.925	0	4227.95	6290.95	0	205877.50	123954.9
2080	232.27	305.17	0	4959.05	4969.95	0	210836.55	128924.9
2100	263.635	191.825	0	6042.8	3133.65	0	216879.35	132058.5
2120	340.645	121.54	0	5815.15	3822.3	0	222694.50	135880.8
2140	240.87	260.69	0	4161.05	5405.3	0	226855.55	141286.1
2160	175.235	279.84	0	2760.35	5511.25	0	229615.90	146797.4
2180	100.8	271.285	0	1008	8295.75	0	230623.90	155093.1
2200	0	558.29	0	0	9298.95	0	230623.90	164392.1
2220	0	371.605	0	235.75	6294.65	0	230859.65	170686.7
2240	23.575	257.86	0	739.85	2620.65	0	231599.50	173307.4
2260	50.41	4.205	0	1242.25	102.05	0	232841.75	173409.4
2280	73.815	6	0	2079.75	60	0	234921.50	173469.4
2300	134.16	0	0	1341.6	913.75	0	236263.10	174383.2
2320	0	91.375	0	195.65	1001.9	0	236458.75	175385.1
2340	19.565	8.815	0	1151.6	172.75	0	237610.35	175557.8
2360	95.595	8.46	0	955.95	1168.9	0	238566.30	176726.7
2380	0	108.43	0	0	3873.8	0	238566.30	180600.5
2400	0	278.95	0	0	4438.6	0	238566.30	185039.1
2420	0	164.91	0	0	2827.75	0	238566.30	187866.9
2440	0	117.865	0	249.7	1322.95	0	238816.00	189189.8
2460	24.97	14.43	0	759.65	773.1	0	239575.65	189962.9
2480	50.995	62.88	0	1084.3	2523.2	0	240659.95	192486.1
2500	57.435	189.44	0	1714.95	3917.05	0	242374.90	196403.2
2520	114.06	202.265	0	1439.1	3974.25	0	243814.00	200377.4
2540	29.85	195.16	0	921.8	2110.95	0	244735.80	202488.4
2560	62.33	15.935	0	1776.9	159.35	0	246512.70	202647.7
2580	115.36	0	0	2339.9	0	0	248852.60	202647.7
2600	118.63	0	0	1651.95	472.25	0	250504.55	203120
2620	46.565	47.225	0	2248.95	472.25	0	252753.50	203592.2
2640	178.33	0	0	4590.2	0	0	257343.70	203592.2
2660	280.69	0	0	4416.5	0	0	261760.20	203592.2
2680	160.96	0	0	1885.15	24.25	0	263645.35	203616.5
2700	27.555	2.425	0	275.55	653.5	0	263920.90	204270
2720	0	62.925	0	0	2157.2	0	263920.90	206427.2
2740	0	152.795	0	0	2915.3	0	263920.90	209342.5
2760	0	138.735	0	81.4	1955.15	0	264002.30	211297.6
2780	8.14	56.78	0	115.55	1587.75	0	264117.85	212885.4
2800	3.415	101.995	0	34.15	4593.9	0	264152.00	217479.3
2820	0	357.395	0	0	7017.9	0	264152.00	224497.2
2840	0	344.395	0	0	4359.6	0	264152.00	228856.8
2860	0	91.565	0	1096.45	915.65	0	265248.45	229772.4
2880	109.645	0	0	3191.6	0	0	268440.05	229772.4

2900	209.515	0	0	3005.45	0	0	271445.50	229772.4
2920	91.03	0	0	1205.45	728.5	0	272650.95	230500.9
2940	29.515	72.85	0	1718.25	2846.2	0	274369.20	233347.1
2960	142.31	211.77	0	4313.55	5130.5	0	278682.75	238477.6
2980	289.045	301.28	0	2890.45	6500	0	281573.20	244977.6
3000	0	348.72	0	0	5783.55	0	281573.20	250761.2
3020	0	229.635	0	0	2629.05	0	281573.20	253390.2
3040	0	33.27	0	237.95	801.3	0	281811.15	254191.5
3060	23.795	46.86	0	237.95	1205.35	0	282049.10	255396.9
3080	0	73.675	0	24.4	816.4	0	282073.50	256213.3
3100	2.44	7.965	0	40.3	263.9	0	282113.80	256477.2
3120	1.59	18.425	0	367.8	184.25	0	282481.60	256661.4
3140	35.19	0	0	548.6	361.15	0	283030.20	257022.6
3160	19.67	36.115	0	196.7	2029.55	0	283226.90	259052.1
3180	0	166.84	0	928.45	1668.4	0	284155.35	260720.5
3200	92.845	0	0	5160.45	0	0	289315.80	260720.5
3220	423.2	0	0	6592.55	0	0	295908.35	260720.5
3240	236.055	0	0	3686	0	0	299594.35	260720.5
3260	132.545	0	0	1691.7	0	0	301286.05	260720.5
3280	36.625	0	0	1298.45	0	0	302584.50	260720.5
3300	93.22	0	0	2769.6	0	0	305354.10	260720.5
3320	183.74	0	0	5717.85	0	0	311071.95	260720.5
3340	388.045	0	0	9785.25	0	0	320857.20	260720.5
3360	590.48	0	0	13272.45	0	0	334129.65	260720.5
3380	736.765	0	0	14843.45	0	0	348973.10	260720.5
3400	747.58	0	0	15838.15	0	0	364811.25	260720.5
3420	836.235	0	0	11551.1	0	0	376362.35	260720.5
3440	318.875	0	0	8529.8	0	0	384892.15	260720.5
3460	534.105	0	0	13470.9	0	0	398363.05	260720.5
3480	812.985	0	0	12013.95	0	0	410377.00	260720.5
3500	388.41	0	0	6814.25	0	0	417191.25	260720.5
3520	293.015	0	0	3534.25	1.3	0	420725.50	260721.8
3540	60.41	0.13	0	646.35	282.35	0	421371.85	261004.2
3560	4.225	28.105	0	42.25	876.65	0	421414.10	261880.8
3580	0	59.56	0	0	1788.27	0	421414.10	263669.1
3600	0	119.267	0	43.15	1490.97	0	421457.25	265160
3620	4.315	29.83	0	78.35	678.95	0	421535.60	265839
3640	3.52	38.065	0	35.2	1796.23	0	421570.80	267635.2
3660	0	141.558	0	17.5	1798.08	0	421588.30	269433.3
3680	1.75	38.25	0	17.5	1041.4	0	421605.80	270474.7
3700	0	65.89	0	0	1147.25	0	421605.80	271622
3720	0	48.835	0	1828.65	488.35	0	423434.45	272110.3
3740	182.865	0	0	6110.65	0	0	429545.10	272110.3
3760	428.2	0	0	5228.55	479	0	434773.65	272589.3
3780	94.655	47.9	0	1792.2	2223.5	0	436565.85	274812.8
3800	84.565	174.45	0	1715.85	3422.45	10.75	438281.70	278235.3
3820	87.02	167.795	1.075	2103.55	2914.9	10.75	440385.25	281150.2
3840	123.335	123.695	0	2411.8	2110.75	0	442797.05	283260.9
3860	117.845	87.38	0	2016.45	1330.8	0	444813.50	284591.7

3880	83.8	45.7	0	2786.55	457	0	447600.05	285048.7
3900	194.855	0	0	6005.8	0	0	453605.85	285048.7
3920	405.725	0	0	8275.95	0	0	461881.80	285048.7
3940	421.87	0	0	8992.5	0	0	470874.30	285048.7
3960	477.38	0	0	9399.1	0	0	480273.40	285048.7
3980	462.53	0	0	9010.2	0	0	489283.60	285048.7
4000	438.49	0	0	8114.75	0	0	497398.35	285048.7
4020	372.985	0	0	7260.3	0	0	504658.65	285048.7
4040	353.045	0	0	6853.45	0	0	511512.10	285048.7
4060	332.3	0	0	5549.5	0	0	517061.60	285048.7
4080	222.65	0	0	3211.45	0	0	520273.05	285048.7
4100	98.495	0	0	1219.5	0	0	521492.55	285048.7
4120	23.455	0	0	234.55	268.5	0	521727.10	285317.2
4140	0	26.85	0	15.25	396.1	0	521742.35	285713.3
4160	1.525	12.76	0	15.25	587.1	0	521757.60	286300.4
4180	0	45.95	0	378.6	817.25	0	522136.20	287117.7
4200	37.86	35.775	0	1096.3	357.75	0	523232.50	287475.4
4220	71.77	0	0	1007.55	0	0	524240.05	287475.4
4240	28.985	0	0	889.8	0	0	525129.85	287475.4
4260	59.995	0	0	1031.9	0	0	526161.75	287475.4
4280	43.195	0	0	1468.85	0	0	527630.60	287475.4
4300	103.69	0	0	2778.55	0	0	530409.15	287475.4
4320	174.165	0	0	3742.1	0	0	534151.25	287475.4
4340	200.045	0	0	4276.6	0	0	538427.85	287475.4
4360	227.615	0	0	5044.25	0	0	543472.10	287475.4
4380	276.81	0	0	6059.05	0	0	549531.15	287475.4
4400	329.095	0	0	6655.2	0	0	556186.35	287475.4
4420	336.425	0	0	5900.2	0	0	562086.55	287475.4
4440	253.595	0	0	4213.2	0	0	566299.75	287475.4
4460	167.725	0	0	3518.75	0	0	569818.50	287475.4
4480	184.15	0	0	4739.85	0	0	574558.35	287475.4
4500	289.835	0	0	5231.45	0	0	579789.80	287475.4
4520	233.31	0	0	3844.9	0	0	583634.70	287475.4
4540	151.18	0	0	1825.7	119	0	585460.40	287594.4
4560	31.39	11.9	0	313.9	964.4	0	585774.30	288558.8
4580	0	84.54	0	7	1082.85	0	585781.30	289641.7
4600	0.7	23.745	0	214.1	367.45	0	585995.40	290009.1
4620	20.71	13	0	207.1	785.35	0	586202.50	290794.5
4640	0	65.535	0	0	1657.25	0	586202.50	292451.7
4660	0	100.19	0	0	1425.85	0	586202.50	293877.6
4680	0	42.395	0	114.85	423.95	0	586317.35	294301.5
4700	11.485	0	0	575.95	0	0	586893.30	294301.5
4720	46.11	0	0	1329.75	0	0	588223.05	294301.5
4740	86.865	0	0	1368.3	0	0	589591.35	294301.5
4760	49.965	0	0	505.65	125.95	0	590097.00	294427.5
4780	0.6	12.595	0	6	1150.3	0	590103.00	295577.8
4800	0	102.435	0	45.7	1063.55	0	590148.70	296641.3
4820	4.57	3.92	0	896.2	39.2	0	591044.90	296680.5
4840	85.05	0	0	2504.8	0	0	593549.70	296680.5

4860	165.43	0	0	2669.8	0	0	596219.50	296680.5
4880	101.55	0	0	1846.95	0	0	598066.45	296680.5
4900	83.145	0	0	2070.8	0	0	600137.25	296680.5
4920	123.935	0	0	3548.75	0	0	603686.00	296680.5
4940	230.94	0	0	5651.2	0	0	609337.20	296680.5
4960	334.18	0	0	5520.95	0	0	614858.15	296680.5
4980	217.915	0	0	5470.35	0	0	620328.50	296680.5
5000	329.12	0	0	6731.3	0	0	627059.80	296680.5
5020	344.01	0	0	6698.4	0	0	633758.20	296680.5
5040	325.83	0	0	6278.2	0	0	640036.40	296680.5
5060	301.99	0	0	5484.8	0	0	645521.20	296680.5
5080	246.49	0	0	4306.6	17.4	0	649827.80	296697.9
5100	184.17	1.74	0	3869.2	29.4	0	653697.00	296727.3
5120	202.75	1.2	0	2552.5	104.6	0	656249.50	296831.9
5140	52.5	9.26	0	1237.55	106.9	0	657487.05	296938.8
5160	71.255	1.43	0	1891.4	18.9	0	659378.45	296957.7
5180	117.885	0.46	0	3446.85	4.6	0	662825.30	296962.3
5200	226.8	0	0	3870.4	624.3	0	666695.70	297586.6
5220	160.24	62.43	0	1602.4	4329.75	0	668298.10	301916.4
5240	0	370.545	0	0	6481.7	0	668298.10	308398.1
5260	0	277.625	0	2710.7	2776.25	0	671008.80	311174.3
5280	271.07	0	0	7576.2	0	0	678585.00	311174.3
5300	486.55	0	0	10496.55	0	0	689081.55	311174.3
5320	563.105	0	0	13160.65	0	0	702242.20	311174.3
5340	752.96	0	0	16351.15	0	0	718593.35	311174.3
5360	882.155	0	0	14797.95	0	0	733391.30	311174.3
5380	597.64	0	0	9466.8	0	0	742858.10	311174.3
5400	349.04	0	0	4888.65	0	0	747746.75	311174.3
5420	139.825	0	0	2424.65	0	0	750171.40	311174.3
5440	102.64	0	0	2461.3	0	0	752632.70	311174.3
5460	143.49	0	0	3341.1	0	0	755973.80	311174.3
5480	190.62	0	0	3978.35	0	0	759952.15	311174.3
5500	207.215	0	0	3148	0	0	763100.15	311174.3
5520	107.585	0	0	1654.9	0	0	764755.05	311174.3
5540	57.905	0	0	895.85	0	0	765650.90	311174.3
5560	31.68	0	0	350.9	26	0	766001.80	311200.3
5580	3.41	2.6	0	75.55	260.95	0	766077.35	311461.3
5600	4.145	23.495	0	379.9	395.35	0	766457.25	311856.6
5620	33.845	16.04	0	754.8	174.95	0	767212.05	312031.6
5640	41.635	1.455	0	871.5	26.65	0	768083.55	312058.2
5660	45.515	1.21	0	556.95	264	0	768640.50	312322.2
5680	10.18	25.19	0	101.8	1254.4	0	768742.30	313576.6
5700	0	100.25	0	0	1917.65	0	768742.30	315494.3
5720	0	91.515	0	0	1620.65	0	768742.30	317114.9
5740	0	70.55	0	0	1330.05	0	768742.30	318445
5760	0	62.455	0	712.35	656.4	0	769454.65	319101.4
5780	71.235	3.185	0	1460.3	82.35	0	770914.95	319183.7
5800	74.795	5.05	0	800.45	834.65	0	771715.40	320018.4
5820	5.25	78.415	0	100.5	3545.75	0	771815.90	323564.1

5840	4.8	276.16	0	263.3	4790.15	0	772079.20	328354.3
5860	21.53	202.855	0	215.3	3820.4	0	772294.50	332174.7
5880	0	179.185	0	1142.55	1901.25	0	773437.05	334075.9
5900	114.255	10.94	0	2896.25	109.4	0	776333.30	334185.3
5920	175.37	0	0	3283.65	0	0	779616.95	334185.3
5940	152.995	0	0	2714.55	0	0	782331.50	334185.3
5960	118.46	0	0	2063.85	0	0	784395.35	334185.3
5980	87.925	0	0	1527.15	0	0	785922.50	334185.3
6000	64.79	0	0	1200.95	0	0	787123.45	334185.3
6020	55.305	0	0	978.25	0	0	788101.70	334185.3
6040	42.52	0	0	665.8	0	0	788767.50	334185.3
6060	24.06	0	0	331.9	67.75	0	789099.40	334253.1
6080	9.13	6.775	0	127.55	67.75	0	789226.95	334320.8
6100	3.625	0	0	378.5	0	0	789605.45	334320.8
6120	34.225	0	0	868	0	0	790473.45	334320.8
6140	52.575	0	0	1285.6	0	0	791759.05	334320.8
6160	75.985	0	0	1592.55	0	0	793351.60	334320.8
6180	83.27	0	0	1449.3	0	0	794800.90	334320.8
6200	61.66	0	0	627.7	154.05	0	795428.60	334474.9
6220	1.11	15.405	0	11.1	154.05	0	795439.70	334628.9
6240	0	0	0	0	0	0	795439.70	334628.9
6260	0	0	0	0	0	0	795439.70	334628.9
6280	0	0	0	0	0	0	795439.70	334628.9
6300	0	0	0	27.7	168.7	0	795467.40	334797.6
6320	2.77	16.87	0	373.35	168.7	0	795840.75	334966.3
6340	34.565	0	0	855.15	0	0	796695.90	334966.3
6360	50.95	0	0	1166.35	0	0	797862.25	334966.3
6380	65.685	0	0	1457.75	0	0	799320.00	334966.3
6400	80.09	0	0	1780.75	0	0	801100.75	334966.3
6420	97.985	0	0	2103.85	0	0	803204.60	334966.3
6440	112.4	0	0	2154.55	0	0	805359.15	334966.3
6460	103.055	0	0	1866.4	0	0	807225.55	334966.3
6480	83.585	0	0	1546.1	0	0	808771.65	334966.3
6500	71.025	0	0	1319.3	0	0	810090.95	334966.3
6520	60.905	0	0	1054.35	0	0	811145.30	334966.3
6540	44.53	0	0	742.15	0	0	811887.45	334966.3
6560	29.685	0	0	360.7	0	0	812248.15	334966.3
6580	6.385	0	0	63.85	157.45	0	812312.00	335123.8
6600	0	15.745	0	0	323.4	0	812312.00	335447.2
6620	0	16.595	0	2.75	206.05	0	812314.75	335653.2
6640	0.275	4.01	0	53.85	40.1	0	812368.60	335693.3
6660	5.11	0	0	208.1	0	0	812576.70	335693.3
6680	15.7	0	0	403.3	0	0	812980.00	335693.3
6700	24.63	0	0	531.45	0	0	813511.45	335693.3
6720	28.515	0	0	586.15	0	0	814097.60	335693.3
6740	30.1	0	0	596.8	0	0	814694.40	335693.3
6760	29.58	0	0	564.85	0	0	815259.25	335693.3
6780	26.905	0	0	355	0	0	815614.25	335693.3
6800	8.595	0	0	85.95	104.7	0	815700.20	335798

6820	0	10.47	0	0	530.1	0	815700.20	336328.1
6840	0	42.54	0	0	1199.7	0	815700.20	337527.8
6860	0	77.43	0	0	1230.7	0	815700.20	338758.5
6880	0	45.64	0	29.4	474.4	0	815729.60	339232.9
6900	2.94	1.8	0	396.15	18	0	816125.75	339250.9
6920	36.675	0	0	1017.9	0	0	817143.65	339250.9
6940	65.115	0	0	1683.15	0	0	818826.80	339250.9
6960	103.2	0	0	2365.05	0	0	821191.85	339250.9
6980	133.305	0	0	3015.95	0	0	824207.80	339250.9
7000	168.29	0	0	3857.95	0	0	828065.75	339250.9
7020	217.505	0	0	5390.7	0	0	833456.45	339250.9
7040	321.565	0	0	7713.5	0	0	841169.95	339250.9
7060	449.785	0	0	10160.35	0	0	851330.30	339250.9
7080	566.25	0	0	12349.4	0	0	863679.70	339250.9
7100	668.69	0	0	14361.3	0	0	878041.00	339250.9
7120	767.44	0	0	16067.1	0	0	894108.10	339250.9
7140	839.27	0	0	16963.2	0	0	911071.30	339250.9
7160	857.05	0	0	16325.3	0	0	927396.60	339250.9
7180	775.48	0	0	12002.05	0	0	939398.65	339250.9
7200	424.725	0	0	4252.45	293.9	0	943651.10	339544.8
7220	0.52	29.39	0	5.2	293.9	0	943656.30	339838.7
7240	0	0	0	0	0	0	943656.30	339838.7
7260	0	0	0	0	0	0	943656.30	339838.7
7280	0	0	0	0	0	0	943656.30	339838.7
7300	0	0	0	0	0	0	943656.30	339838.7
7320	0	0	0	0	0	0	943656.30	339838.7
7340	0	0	0	0	713.5	0	943656.30	340552.2
7360	0	71.35	0	499.8	713.5	0	944156.10	341265.7
7380	49.98	0	0	878.85	0	0	945034.95	341265.7
7400	37.905	0	0	379.05	3536.17	0	945414.00	344801.9
7420	0	353.617	0	17.65	7398.82	0	945431.65	352200.7
7440	1.765	386.265	0	17.65	11198.6	0	945449.30	363399.3
7460	0	733.595	0	0	20377.2	0	945449.30	383776.5
7480	0	1304.125	0	0	24487.7	0	945449.30	408264.2
7500	0	1144.645	0	0	16445.5	0	945449.30	424709.7
7520	0	499.905	0	434.55	5067.25	0	945883.85	429776.9
7540	43.455	6.82	0	3206	68.2	0	949089.85	429845.1
7560	277.145	0	0	6056.35	0	0	955146.20	429845.1
7580	328.49	0	0	6164.6	0	0	961310.80	429845.1
7600	287.97	0	0	5477.3	0	0	966788.10	429845.1
7620	259.76	0	0	5232.55	0	0	972020.65	429845.1
7640	263.495	0	0	4613.75	0	0	976634.40	429845.1
7660	197.88	0	0	3612.55	0	0	980246.95	429845.1
7680	163.375	0	0	3131.95	0	0	983378.90	429845.1
7700	149.82	0	0	2898.2	0	0	986277.10	429845.1
7720	140	0	0	2726.4	0	0	989003.50	429845.1
7740	132.64	0	0	2570.75	0	0	991574.25	429845.1
7760	124.435	0	0	2311.95	0	0	993886.20	429845.1
7780	106.76	0	0	1875.85	0	0	995762.05	429845.1

7800	80.825	0	0	1433.8	0	0	997195.85	429845.1
7820	62.555	0	0	1182.55	0	0	998378.40	429845.1
7840	55.7	0	0	1133.6	0	0	999512.00	429845.1
7860	57.66	0	0	1308.3	0	0	1000820.30	429845.1
7880	73.17	0	0	1424.55	0	0	1002244.85	429845.1
7900	69.285	0	0	1031.05	0	0	1003275.90	429845.1
7920	33.82	0	0	513.95	0	0	1003789.85	429845.1
7940	17.575	0	0	329.7	0	0	1004119.55	429845.1
7960	15.395	0	0	153.95	267.85	0	1004273.50	430113
7980	0	26.785	0	1.4	497.85	0	1004274.90	430610.8
8000	0.14	23	0	147.9	230	0	1004422.80	430840.8
8020	14.65	0	0	150.05	15.1	0	1004572.85	430855.9
8040	0.355	1.51	0	3.55	272.05	0	1004576.40	431128
8060	0	25.695	0	0	891.5	0	1004576.40	432019.5
8080	0	63.455	0	0	1529.05	0	1004576.40	433548.5
8100	0	89.45	0	0	1565.95	0	1004576.40	435114.5
8120	0	67.145	0	6.85	987.3	0	1004583.25	436101.8
8140	0.685	31.585	0	111.45	320.6	0	1004694.70	436422.4
8160	10.46	0.475	0	551.05	4.75	0	1005245.75	436427.1
8180	44.645	0	0	980.65	0	0	1006226.40	436427.1
8200	53.42	0	0	860.95	0	0	1007087.35	436427.1
8220	32.675	0	0	326.75	129.2	0	1007414.10	436556.3
8240	0	12.92	0	0	591.55	0	1007414.10	437147.9
8260	0	46.235	0	38.5	668.55	0	1007452.60	437816.4
8280	3.85	20.62	0	75.5	452.75	0	1007528.10	438269.2
8300	3.7	24.655	0	165.05	405.08	0	1007693.15	438674.3
8320	12.805	15.853	0	221	277.08	0	1007914.15	438951.4
8340	9.295	11.855	0	227.85	186.55	0	1008142.00	439137.9
8360	13.49	6.8	0	215.8	205.85	0	1008357.80	439343.8
8380	8.09	13.785	0	224.75	211.05	0	1008582.55	439554.8
8400	14.385	7.32	0	818.45	73.2	0	1009401.00	439628
8420	67.46	0	0	1430.55	0	0	1010831.55	439628
8440	75.595	0	0	1313.45	0	0	1012145.00	439628
8460	55.75	0	0	768.4	0	0	1012913.40	439628
8480	21.09	0	0	210.9	699.65	0	1013124.30	440327.7
8500	0	69.965	0	0	1961	0	1013124.30	442288.7
8520	0	126.135	0	0	1648.3	0	1013124.30	443937
8540	0	38.695	0	3.9	449.45	0	1013128.20	444386.4
8560	0.39	6.25	0	95	62.5	0	1013223.20	444448.9
8580	9.11	0	0	231.3	35.9	0	1013454.50	444484.8
8600	14.02	3.59	0	483.7	35.9	0	1013938.20	444520.7
8620	34.35	0	0	959.6	0	0	1014897.80	444520.7
8640	61.61	0	0	1474.85	0	0	1016372.65	444520.7
8660	85.875	0	0	1459.9	0	0	1017832.55	444520.7
8680	60.115	0	0	1116.05	0	0	1018948.60	444520.7
8700	51.49	0	0	1190.1	0	0	1020138.70	444520.7
8720	67.52	0	0	1409.15	0	0	1021547.85	444520.7
8740	73.395	0	0	1445.25	0	0	1022993.10	444520.7
8760	71.13	0	0	1504.2	0	0	1024497.30	444520.7

8780	79.29	0	0	1828.75	0	0	1026326.05	444520.7
8800	103.585	0	0	2215.35	0	0	1028541.40	444520.7
8820	117.95	0	0	2429.05	0	0	1030970.45	444520.7
8840	124.955	0	0	2630.75	0	0	1033601.20	444520.7
8860	138.12	0	0	2539.25	0	0	1036140.45	444520.7
8880	115.805	0	0	1375.57	0	0	1037516.02	444520.7
8900	21.752	0	0	217.52	434.86	0	1037733.54	444955.6
8920	0	43.486	0	0	1984.61	0	1037733.54	446940.2
8940	0	154.975	0	0	4139.1	0	1037733.54	451079.3
8960	0	258.935	0	0	5460.05	0	1037733.54	456539.3
8980	0	287.07	0	0	4934.75	0	1037733.54	461474.1
9000	0	206.405	0	0	3551.8	0	1037733.54	465025.9
9020	0	148.775	0	0	2793.55	0	1037733.54	467819.4
9040	0	130.58	0	0	2054.7	0	1037733.54	469874.1
9060	0	74.89	0	0	989.7	0	1037733.54	470863.8
9080	0	24.08	0	78	244.3	0	1037811.54	471108.1
9100	7.8	0.35	0	276.35	3.5	0	1038087.89	471111.6
9120	19.835	0	0	265.15	8.75	0	1038353.04	471120.4
9140	6.68	0.875	0	69.8	137.65	0	1038422.84	471258
9160	0.3	12.89	0	3	1781.48	0	1038425.84	473039.5
9180	0	165.258	0	0	10152.43	0	1038425.84	483191.9
9200	0	849.985	0	0	17456.05	0	1038425.84	500648
9220	0	895.62	0	0	12796.95	0	1038425.84	513444.9
9240	0	384.075	0	0	4713.25	0	1038425.84	518158.2
9260	0	87.25	0	110.8	882	0	1038536.64	519040.2
9280	11.08	0.95	0	265.15	9.5	0	1038801.79	519049.7
9300	15.435	0	0	457.8	0	0	1039259.59	519049.7
9320	30.345	0	0	676	0	0	1039935.59	519049.7
9340	37.255	0	0	633.05	0	0	1040568.64	519049.7
9360	26.05	0	0	496.05	0	0	1041064.69	519049.7
9380	23.555	0	0	406.4	0	0	1041471.09	519049.7
9400	17.085	0	0	236.8	1.1	0	1041707.89	519050.8
9420	6.595	0.11	0	72.15	159.5	0	1041780.04	519210.3
9440	0.62	15.84	0	6.2	683.7	0	1041786.24	519894
9460	0	52.53	0	0	1341.5	0	1041786.24	521235.5
9480	0	81.62	0	0	1415.8	0	1041786.24	522651.3
9500	0	59.96	0	0	927.8	0	1041786.24	523579.1
9520	0	32.82	0	10.5	373.5	0	1041796.74	523952.6
9540	1.05	4.53	0	113.25	45.3	0	1041909.99	523997.9
9560	10.275	0	0	290.3	0	0	1042200.29	523997.9
9580	18.755	0	0	377.05	0	0	1042577.34	523997.9
9600	18.95	0	0	288.4	0	0	1042865.74	523997.9
9620	9.89	0	0	136.2	0	0	1043001.94	523997.9
9640	3.73	0	0	56.2	2.15	0	1043058.14	524000
9660	1.89	0.215	0	27.25	7.3	0	1043085.39	524007.3
9680	0.835	0.515	0	40.85	6	0	1043126.24	524013.3
9700	3.25	0.085	0	59	0.85	0	1043185.24	524014.2
9720	2.65	0	0	75.8	0.85	0	1043261.04	524015
9740	4.93	0.085	0	110.85	0.85	0	1043371.89	524015.9

9760	6.155	0	0	75.1	1.7	0	1043446.99	524017.6
9780	1.355	0.17	0	18.45	42.5	0	1043465.44	524060.1
9800	0.49	4.08	0	114.35	40.8	0	1043579.79	524100.9
9820	10.945	0	0	183.5	140.75	0	1043763.29	524241.6
9840	7.405	14.075	0	168.3	200.75	0	1043931.59	524442.4
9860	9.425	6	0	144.8	60	0	1044076.39	524502.4
9880	5.055	0	0	80.05	45.3	0	1044156.44	524547.7
9900	2.95	4.53	0	29.5	198.8	0	1044185.94	524746.5
9920	0	15.35	0	0	312.55	0	1044185.94	525059
9940	0	15.905	0	52.5	162.05	0	1044238.44	525221.1
9960	5.25	0.3	0	152.2	3	0	1044390.64	525224.1
9980	9.97	0	0	208.95	0	0	1044599.59	525224.1
10000	10.925	0	0	200.35	0	0	1044799.94	525224.1
10020	9.11	0	0	239.9	0	0	1045039.84	525224.1
10040	14.88	0	0	489.65	0	0	1045529.49	525224.1
10060	34.085	0	0	1035.6	0	0	1046565.09	525224.1
10080	69.475	0	0	1276.6	0	0	1047841.69	525224.1
10100	58.185	0	0	1031.65	0	0	1048873.34	525224.1
10120	44.98	0	0	833.65	0.45	0	1049706.99	525224.5
10140	38.385	0.045	0	742.75	0.45	0	1050449.74	525225
10160	35.89	0	0	663.45	0	0	1051113.19	525225
10180	30.455	0	0	499.95	0	0	1051613.14	525225
10200	19.54	0	0	282.2	128.55	0	1051895.34	525353.5
10220	8.68	12.855	0	184.2	145.85	0	1052079.54	525499.4
10240	9.74	1.73	0	188.85	18.1	0	1052268.39	525517.5
10260	9.145	0.08	0	237.4	0.8	0	1052505.79	525518.3
10280	14.595	0	0	222.75	183.65	0	1052728.54	525701.9
10300	7.68	18.365	0	90.85	382.55	0	1052819.39	526084.5
10320	1.405	19.89	0	40.55	282.3	0	1052859.94	526366.8
10340	2.65	8.34	0	202.15	132.05	0	1053062.09	526498.8
10360	17.565	4.865	0	614.15	48.65	0	1053676.24	526547.5
10380	43.85	0	0	1140.25	0	0	1054816.49	526547.5
10400	70.175	0	0	1535.85	0	0	1056352.34	526547.5
10420	83.41	0	0	1810.8	0	0	1058163.14	526547.5
10440	97.67	0	0	2105.15	0	0	1060268.29	526547.5
10460	112.845	0	0	2403.95	0	0	1062672.24	526547.5
10480	127.55	0	0	2639.55	0	0	1065311.79	526547.5
10500	136.405	0	0	2572.6	0	0	1067884.39	526547.5
10520	120.855	0	0	2609.55	0	0	1070493.94	526547.5
10540	140.1	0	0	3290.4	0	0	1073784.34	526547.5
10560	188.94	0	0	3768.15	0	0	1077552.49	526547.5
10580	187.875	0	0	3834.75	0	0	1081387.24	526547.5
10600	195.6	0	0	2904	1287.1	0	1084291.24	527834.6
10620	94.8	128.71	0	948	2719.9	0	1085239.24	530554.5
10640	0	143.28	0	844.1	1432.8	0	1086083.34	531987.3
10660	84.41	0	0	3513.6	0	0	1089596.94	531987.3
10680	266.95	0	0	8379.15	35.85	0	1097976.09	532023.1
10700	570.965	3.585	0	6222.35	403.85	0	1104198.44	532427
10720	51.27	36.8	0	945.4	791.9	0	1105143.84	533218.9

10740	43.27	42.39	0	925.8	596.75	0	1106069.64	533815.6
10760	49.31	17.285	0	1303.9	172.85	0	1107373.54	533988.5
10780	81.08	0	0	3409.15	0	0	1110782.69	533988.5
10800	259.835	0	0	3951.46	0	0	1114734.15	533988.5
10820	135.311	0	0	2381.7	0	0	1117115.85	533988.5
10840	102.859	0	0	2061.04	0	0	1119176.89	533988.5
10860	103.245	0	0	2732.3	0	0	1121909.19	533988.5
10880	169.985	0	0	3933.7	0	0	1125842.89	533988.5
10900	223.385	0	0	5250.2	0	0	1131093.09	533988.5
10920	301.635	0	0	7164.45	0	0	1138257.54	533988.5
10940	414.81	0	0	8270.5	0	0	1146528.04	533988.5
10960	412.24	0	0	7880.25	0	0	1154408.29	533988.5
10980	375.785	0	0	7002.05	0	0	1161410.34	533988.5
11000	324.42	0	0	5185	0	0	1166595.34	533988.5
11020	194.08	0	0	3604.45	0	0	1170199.79	533988.5
11040	166.365	0	0	3251.6	0	0	1173451.39	533988.5
11060	158.795	0	0	3260.45	0	0	1176711.84	533988.5
11080	167.25	0	0	3087.7	0	0	1179799.54	533988.5
11100	141.52	0	0	2305.15	58.95	0	1182104.69	534047.4
11120	88.995	5.895	0	1622.1	231.65	0	1183726.79	534279.1
11140	73.215	17.27	0	1280.45	172.7	0	1185007.24	534451.8
11160	54.83	0	0	1307.9	0	0	1186315.14	534451.8
11180	75.96	0	0	1724.1	0	0	1188039.24	534451.8
11200	96.45	0	0	2577.7	0	0	1190616.94	534451.8
11220	161.32	0	0	3830.8	0	0	1194447.74	534451.8
11240	221.76	0	0	4152.55	72.4	0	1198600.29	534524.2
11260	193.495	7.24	0	3163.25	211.95	0	1201763.54	534736.1
11280	122.83	13.955	0	2035.8	496.05	0	1203799.34	535232.2
11300	80.75	35.65	0	2168.2	356.5	0	1205967.54	535588.7
11320	136.07	0	0	4030.7	0	0	1209998.24	535588.7
11340	267	0	0	5627.6	0	0	1215625.84	535588.7
11360	295.76	0	0	5572.55	0	0	1221198.39	535588.7
11380	261.495	0	0	5297.7	0	0	1226496.09	535588.7
11400	268.275	0	0	5164.05	0	0	1231660.14	535588.7
11420	248.13	0	0	4196.85	0	0	1235856.99	535588.7
11440	171.555	0	0	3044.25	0	0	1238901.24	535588.7
11460	132.87	0	0	2251.8	0	0	1241153.04	535588.7
11480	92.31	0	0	1540.15	0	0	1242693.19	535588.7
11500	61.705	0	0		0			
SUM	62165.512	26779.434	799.41	1242693	488298.3	15988.2	1242693.19	535588.7