

BRIDGE SOLUTION NOTES

INFO: 50' BETWEEN CABLES

JONATHAN CHONG - EQ OF \odot :

$$x^2 + (y + 106945.3245)^2 =$$

$$(106,945.3245 \text{ IS RADIUS}) \quad 106945.3245^2$$

$$\text{EQ PARAB: } y = \frac{4797}{44,100,000} x^2$$

2 POINTS ON \odot = $(0, 0)$ and $(2100, -20.62)$

FINAL ANSWER

431,053,233.1

453,442,009

476,397,598