

# **APPENDIX H**

Exercise 22

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Determine locations for .000 superelevation

Curve DC104:

Full Super = .061

$.061 - (-.020) = .081$

Transition L = 325'

$.081/325 = .000249$

Normal Crown to .000 S.E., diff = .020

$.020/.000249 = 80.32$  feet

$30774.80 + 80.32 = \underline{30855.12}$

$32355.43 - 80.32 = \underline{32275.11}$

Curve DC103:

Full Super = .039

$.039 - (-.020) = .059$

Transition L = 215'

$.059/325 = .000274$

Normal Crown to .000 S.E., diff = .020

$.020/.000274 = 72.99$  feet

$33066.68 + 72.99 = \underline{33139.67}$

$33795.57 - 72.99 = \underline{33722.58}$