Summary of Horizontal Alignments

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Alg 01: CREEK 10+00.00 - 21+56.10 0.219 MI

22 (POT) POINT ON TANGENT 10+00.00

23 (PI) POINT OF INTERSECTION 11+98.99

24 (PI) POINT OF INTERSECTION 12+48.79

25 (PI) POINT OF INTERSECTION 14+49.01

26 (PI) POINT OF INTERSECTION 15+47.01

27 (PI) POINT OF INTERSECTION 15+75.63

28 (PI) POINT OF INTERSECTION 16+10.51

29 (PI) POINT OF INTERSECTION 16+73.06

30 (PI) POINT OF INTERSECTION 17+81.69

31 (PI) POINT OF INTERSECTION 19+38.44

32 (PI) POINT OF INTERSECTION 20+72.89

33 (POT) POINT ON TANGENT 21+56.10

Alg 02: SC-48 575+51.52 - 596+25.32 0.393 MI

19 (POT) POINT ON TANGENT 575+51.52

20 (POT) POINT ON TANGENT 585+86.99

21 (POT) POINT ON TANGENT 596+25.32

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Details of Alignment 1 - CREEK

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22 POT Sta. = 10+00.0000 Bearing = N 17^56'07" W 198.9892'

N = 734098.16872 E = 2059256.54406

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23 PI Sta. = 11+98.9892 Bearing = N 16^50'06" E 49.7976'

N = 734287.48821 E = 2059195.26728

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24 PI Sta. = 12+48.7868 Bearing = N 07^20'12" E 200.2214'

N = 734335.15160 E = 2059209.68947

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25 PI Sta. = 14+49.0082 Bearing = N 60^07'56" E 97.9991'

N = 734533.73383 E = 2059235.25741

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26 PI Sta. = 15+47.0073 Bearing = N 17^14'56" E 28.6224'

N = 734582.53740 E = 2059320.23997

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27 PI Sta. = 15+75.6297 Bearing = N 17^14'56" E 34.8836'

N = 734609.87249 E = 2059328.72710

Equality: Sta = 585+86.9940 Aln = #2 PN = 20 POT

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28 PI Sta. = 16+10.5133 Bearing = N 62^17'24" E 62.5478'

N = 734643.18723 E = 2059339.07081

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29 PI Sta. = 16+73.0610 Bearing = N 15^15'49" E 108.6257'

N = 734672.27167 E = 2059394.44517

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30 PI Sta. = 17+81.6868 Bearing = N 62^30'52" E 156.7567'

N = 734777.06553 E = 2059423.04226

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31 PI Sta. = 19+38.4434 Bearing = N 32^13'59" E 134.4503'

N = 734849.41258 E = 2059562.10543

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32 PI Sta. = 20+72.8937 Bearing = N 00^03'48" W 83.2051'

N = 734963.14206 E = 2059633.81655

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33 POT Sta. = 21+56.0988

N = 735046.34707 E = 2059633.72439

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Details of Alignment 2 - SC-48

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19 POT Sta. = 575+51.5240 Bearing = S 78^39'00" E 1035.4700'

N = 734813.65563 E = 2058313.50768

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20 POT Sta. = 585+86.9940 Bearing = S 78^39'00" E 1038.3224'

N = 734609.87249 E = 2059328.72710

Equality: Sta = 15+75.6297 Aln = #1 PN = 27 PI

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21 POT Sta. = 596+25.3163

N = 734405.52799 E = 2060346.74315

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