PROJECT REFERENCE NO.	SHEET NO.
H184157	01

CONCEPTUAL DESIGN 2
SUBJECT TO CHANGE WITHOUT NOTICE
FOR FEASIBILITY STUDY PURPOSES ONLY

GRAPHIC SCALES
50 25 0 50 100
PLANS

-Y1A-
PI Sta 12+58.22 Δ = 36° 52' 11.6" (LT) D = 28° 38' 52.4" L = 128.70' T = 66.67' R = 200.00'
PI Sta 10+52.98 Δ = 2° 41' 52.6" (RT) D = 2° 32' 47.3" L = 105.95' T = 52.98' R = 2,250.00'
-Y1B-
PI Sta 10+57.65 Δ = 32° 09' 26.3" (RT) D = 28° 38' 52.4" L = 112.25' T = 57.65' R = 200.00'
PI Sta 14+55.14 Δ = 60° 45' 08.8" (LT) D = 9° 47' 38.9" L = 620.29' T = 342.89' R = 585.00'
PI Sta 22+10.81 Δ = 24° 47' 05.3" (RT) D = 9° 32' 57.5" L = 259.55' T = 131.84' R = 600.00'
-Y1RPA-
PIs Sta 11+60.02 Θs = 2° 32' 13.5" Ls = 240.00' LT = 160.02' ST = 80.01'
PI Sta 13+55.83 Δ = 4° 53' 41.1" (RT) D = 2° 06' 51.2" L = 231.51' T = 115.83' R = 2,710.00'
PIs Sta 15+51.53 Θs = 2° 32' 13.5" Ls = 240.00' LT = 160.02' ST = 80.01'
PIs Sta 20+36.30 Θs = 2° 35' 22.7" Ls = 160.00' LT = 106.68' ST = 53.34'
PI Sta 23+04.88 Δ = 13° 52' 03.1" (RT) D = 3° 14' 13.4" L = 428.40' T = 215.25' R = 1,770.00'
PI Sta 25+87.22 Δ = 69° 21' 58.0" (RT) D = 57° 17' 44.8" L = 121.07' T = 69.20' R = 100.00'
-Y1RPB-
PIs Sta 12+13.46 Θs = 6° 11' 38.9" Ls = 320.00' LT = 213.46' ST = 106.79'
PI Sta 15+20.13 Δ = 15° 24' 07.9" (LT) D = 3° 52' 16.8" L = 397.85' T = 200.13' R = 1,480.00'
PIs Sta 18+24.64 Θs = 6° 11' 38.9" Ls = 320.00' LT = 213.46' ST = 106.79'
PI Sta 23+53.65 Δ = 32° 52' 24.0" (RT) D = 19° 05' 54.9" L = 172.12' T = 88.50' R = 300.00'
PI Sta 24+77.20 Δ = 43° 31' 52.6" (LT) D = 57° 17' 44.8" L = 75.98' T = 39.93' R = 100.00'
-Y1RPC-
PIs Sta 18+22.03 Θs = 6° 11' 38.9" Ls = 320.00' LT = 213.46' ST = 106.79'
PI Sta 21+30.65 Δ = 15° 33' 01.6" (RT) D = 3° 52' 16.8" L = 401.68' T = 202.08' R = 1,480.00'
PIs Sta 24+37.03 Θs = 6° 11' 38.9" Ls = 320.00' LT = 213.46' ST = 106.79'
PIs Sta 31+29.07 Θs = 7° 07' 29.5" Ls = 240.00' LT = 160.13' ST = 80.12'
PI Sta 33+14.86 Δ = 12° 31' 40.4" (LT) D = 5° 56' 14.6" L = 211.00' T = 105.92' R = 965.00'
PIs Sta 35+00.06 Θs = 7° 07' 29.5" Ls = 240.00' LT = 160.13' ST = 80.12'
-Y1LPC-
PIs Sta 11+88.77 Θs = 26° 17' 58.9" Ls = 280.00' LT = 188.77' ST = 95.25'
PI Sta 18+52.89 Δ = 123° 56' 22.2" (LT) D = 18° 47' 07.8" L = 659.76' T = 572.89' R = 305.00'
PIs Sta 20+35.01 Θs = 26° 17' 58.9" Ls = 280.00' LT = 188.77' ST = 95.25'
-L- POT Sta. 10+00.00
-L- POT Sta. 92+24.59
-L-
-Y1RPB- ST Sta. 10+00.00
-Y1RPB- SC Sta. 13+20.00
-Y1RPB- CS Sta. 17+17.85
-Y1RPB- ST Sta. 20+37.85
-Y1RPB- PC Sta. 22+65.15
-Y1RPB- PRC Sta. 24+37.27
N 34° 48' 29.4" E
-RABT1- PT Sta. 12+99.92
-Y1RPB- PT Sta. 25+13.25
-Y1B- PC Sta. 10+00.00
-RABT1- PC Sta. 10+35.88
-Y1A- PC Sta. 10+00.00
-Y1A- PT Sta. 11+05.95
-Y1A- PC Sta. 11+91.56
-RABT1- PC Sta. 11+91.19
-Y1A- PC Sta. 13+20.26
-Y1RPA- PCC Sta. 25+18.03
-RABT1- PT Sta. 11+83.30
-Y1RPA- PT Sta. 26+39.09
-Y1B- PRC Sta. 11+12.25
-Y1RPA- SC Sta. 20+89.63
-Y1RPA- TS Sta. 19+29.63
-Y1RPA- ST Sta. 17+11.51
-Y1RPA- CS Sta. 14+71.51
-Y1RPA- SC Sta. 12+40.00
-Y1RPA- ST Sta. 10+00.00
A
B
C
-Y1RPC- POT Sta. 10+00.00
-Y1RPC- TS Sta. 16+08.57
-Y1RPC- SC Sta. 19+28.57
-Y1RPC- CS Sta. 23+30.25
-Y1RPC- ST Sta. 26+50.25
-Y1RPC- TS Sta. 29+68.94
-Y1RPC- SC Sta. 32+08.94
-Y1RPC- CS Sta. 34+19.94
-Y1RPC- ST Sta. 36+59.94
-Y1LPC- ST Sta. 10+00.00
-Y1LPC- SC Sta. 12+80.00
-Y1LPC- CS Sta. 19+39.76
-Y1LPC- ST Sta. 22+19.76
-Y1B- PT Sta. 17+32.54
-Y1B- PC Sta. 20+78.98
-Y1B- POC Sta. 22+93.39
-Y1LPC- POT Sta. 27+01.73
-Y1B- POC Sta. 23+11.08
-Y2- POT Sta. 10+00.00
-Y1B- POC Sta. 23+24.51
-Y1RPC- POT Sta. 41+34.40
-Y1B- PT Sta. 23+38.52
-Y1B- POT Sta. 30+37.03
-Y2- POT Sta. 22+29.08
-Y1RPA-
-Y1RPB-
-Y1RPC-
-Y1LPC-
-Y1B-
-Y2-
15
20
25
30
35
45
55
60
65
70
75
80
85
90
-Y1A-
-Y1B-
8'
12'
12'
8'
12'
4' FDPS
GRADE POINT
.08
.02
.02
.02
.02
.08
6:1
2:1
4:1
2:1
EXIST.
ORIGINAL GROUND
VARIABLE SLOPE
GRADE TO THIS LINE
GRADE TO THIS LINE
ORIGINAL GROUND
ORIGINAL GROUND
TYPICAL SECTION NO. 1
-Y1RPA-
-Y1RPC-
6'
15'
12'
4'
12'
14'
4' FDPS
HINGE POINT FOR CUTS
HINGE POINT FOR FILLS
GRADE POINT
.08
.02
.02
.02
.02
.08
2:1
VARIABLE SLOPE
6:1
4:1
*6:1
6:1
2:1
ORIGINAL GROUND
GRADE TO THIS LINE
VARIABLE SLOPE
ORIGINAL GROUND
ORIGINAL GROUND
TYPICAL SECTION NO. 2
NOTES:
* 4:1 MAX ON INTERIOR OF INTERCHANGE
-Y1RPB-
14'
12'
4'
12'
15'
6'
4' FDPS
HINGE POINT FOR FILLS
HINGE POINT FOR CUTS
GRADE POINT
.08
.02
.02
.02
.02
.08
6:1
2:1
6:1*
4:1
2:1
VARIABLE SLOPE
6:1
ORIGINAL GROUND
VARIABLE SLOPE
ORIGINAL GROUND
GRADE TO THIS LINE
ORIGINAL GROUND
TYPICAL SECTION NO. 3
NOTES:
* 4:1 MAX ON INTERIOR OF INTERCHANGE
-Y1LPC-
10'
12'
8'
12'
15'
6'
4' FDPS
HINGE POINT FOR CUTS
GRADE POINT
.02
.02
.02
.02
.08
2:1
VARIABLE SLOPE
2:1
6:1*
4:1
2:1
VARIABLE SLOPE
6:1
ORIGINAL GROUND
ORIGINAL GROUND
GRADE TO THIS LINE
ORIGINAL GROUND
TYPICAL SECTION NO. 4
NOTES:
* 4:1 MAX ON INTERIOR OF INTERCHANGE
-Y2-
5'
12'
12'
12'
5'
12'
GRADE POINT
.08
.08
2:1
4:1
2:1
EXIST.
ORIGINAL GROUND
TYPICAL SECTION NO. 5

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