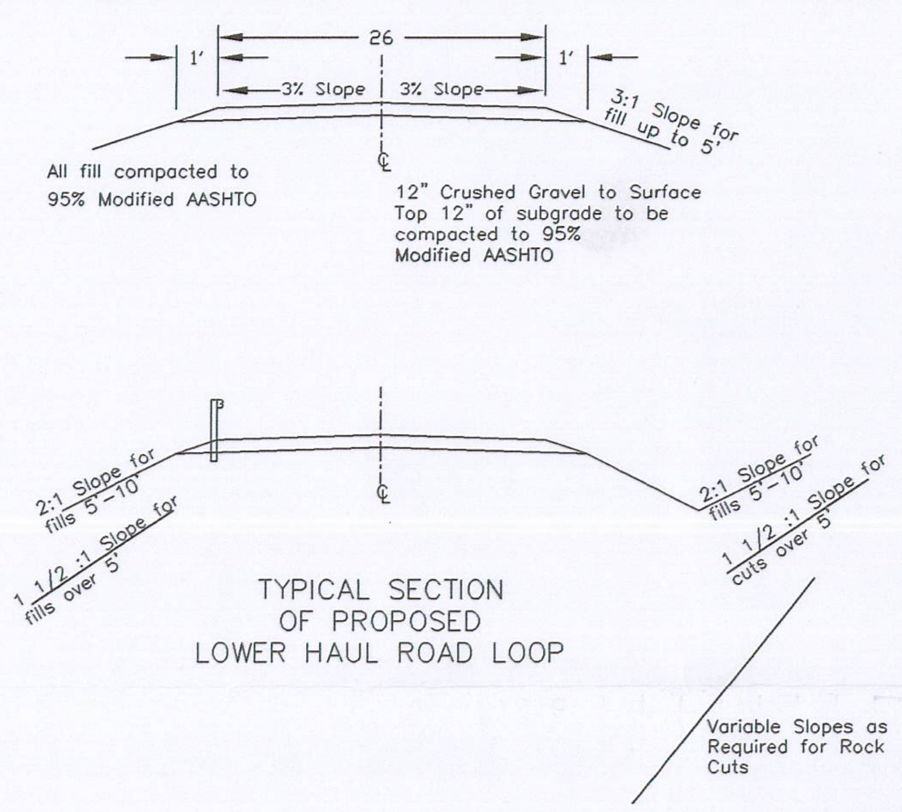
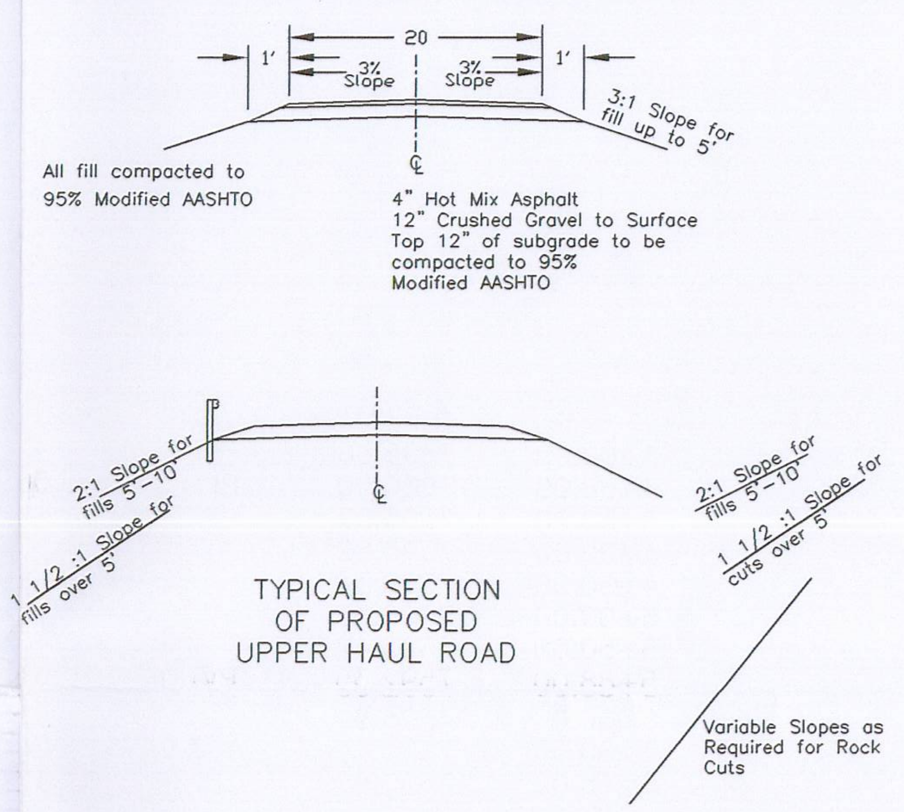


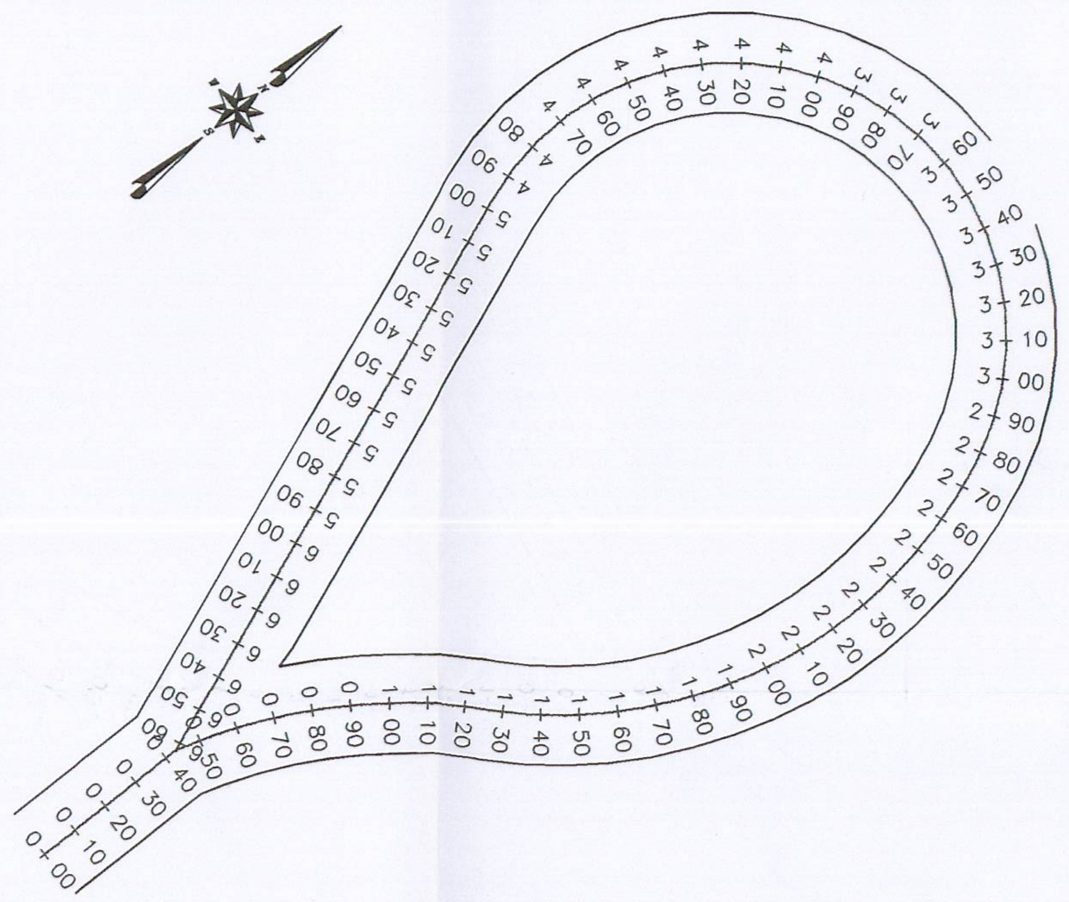

TYPICAL SECTION
OF PROPOSED
LOWER HAUL ROAD LOOP




TYPICAL SECTION
OF PROPOSED
UPPER HAUL ROAD

Not to Scale

## Lower Haul Road Loop
Scale 1" = 40'

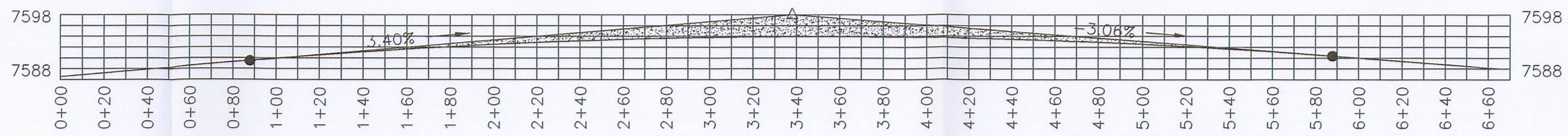


## Lower Haul Road Loop
Station/Elevation Data

Profile Report
Road Profile

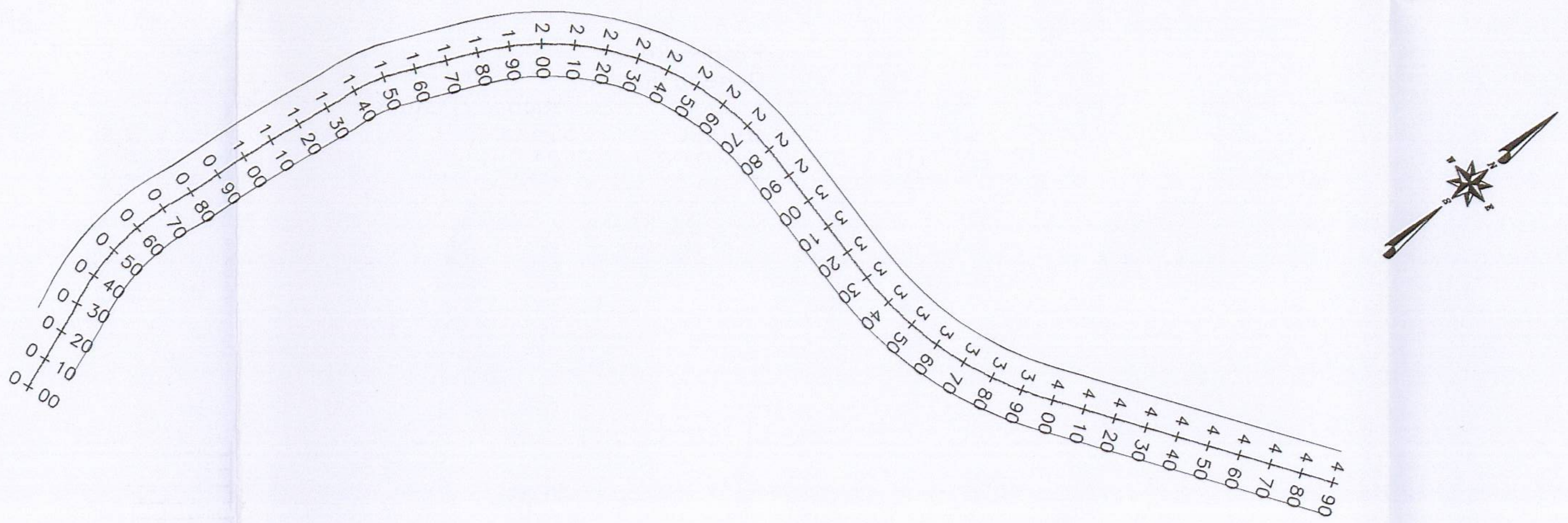
| Station | Elevation | Type | Vertical Curve | Distance | Slope |
|---|---|---|---|---|---|
| 0+0.00 | 7588.50 | | 0.00 | | |
| 0+50.00 | 7590.20 | | | | |
| 0+88.00 | 7591.49 | PVC | | 88.00 | |
| 1+00.00 | 7591.89 | | | | |
| 1+50.00 | 7593.36 | | | | |
| 2+00.00 | 7594.49 | | | | |
| 2+50.00 | 7595.31 | | | | |
| 3+00.00 | 7595.80 | | | | |
| 3+38.00 | 7600.00 | PI | 500.00 | 250.00 | 3.40% |
| 3+50.00 | 7595.97 | | | | |
| 4+00.00 | 7595.82 | | | | |
| 4+50.00 | 7595.34 | | | | |
| 5+00.00 | 7594.55 | | | | |
| 5+50.00 | 7593.42 | | | | |
| 5+88.00 | 7592.35 | PVT | | 250.00 | |
| 6+00.00 | 7591.99 | | | | |
| 6+50.00 | 7590.46 | | | | |
| 6+65.00 | 7590.00 | | 0.00 | 77.00 | -3.06% |

## Lower Haul Road Loop
Profile
Scale 1" = 40' Hort.
Scale 1" = 16.67' Vert.




| Station | FINAL ELEVATIONS | EXISTING ELEVATIONS |
|---|---|---|
| 0+00 | 7588.50 | 7588.59 |
| | 7588.84 | 7588.51 |
| 0+20 | 7589.18 | 7587.67 |
| | 7589.52 | 7586.72 |
| 0+40 | 7589.86 | 7585.80 |
| | 7590.20 | 7584.79 |
| 0+60 | 7590.54 | 7584.93 |
| | 7590.88 | 7585.74 |
| 0+80 | 7591.22 | 7586.15 |
| | 7591.56 | 7586.62 |
| 1+00 | 7591.89 | 7587.06 |
| | 7592.21 | 7586.90 |
| 1+20 | 7592.52 | 7586.00 |
| | 7592.81 | 7586.29 |
| 1+40 | 7593.09 | 7587.73 |
| | 7593.35 | 7586.96 |
| 1+60 | 7593.61 | 7587.42 |
| | 7593.85 | 7588.50 |
| 1+80 | 7594.08 | 7589.26 |
| | 7594.29 | 7589.81 |
| 2+00 | 7594.49 | 7590.49 |
| | 7594.68 | 7590.89 |
| 2+20 | 7594.86 | 7591.33 |
| | 7595.02 | 7591.97 |
| 2+40 | 7595.17 | 7592.69 |
| | 7595.31 | 7593.60 |
| 2+60 | 7595.43 | 7594.23 |
| | 7595.55 | 7594.62 |
| 2+80 | 7595.64 | 7594.77 |
| | 7595.73 | 7596.39 |
| 3+00 | 7595.80 | 7599.41 |
| | 7595.86 | 7598.00 |
| 3+20 | 7595.91 | 7597.86 |
| | 7595.94 | 7598.12 |
| 3+40 | 7595.96 | 7597.97 |
| | 7595.97 | 7596.92 |
| 3+60 | 7595.97 | 7597.70 |
| | 7595.95 | 7597.49 |
| 3+80 | 7595.92 | 7596.99 |
| | 7595.88 | 7597.31 |
| 4+00 | 7595.82 | 7596.96 |
| | 7595.75 | 7594.74 |
| 4+20 | 7595.67 | 7593.22 |
| | 7595.57 | 7594.02 |
| 4+40 | 7595.46 | 7595.24 |
| | 7595.34 | 7596.01 |
| 4+60 | 7595.21 | 7595.97 |
| | 7595.06 | 7595.64 |
| 4+80 | 7594.90 | 7595.04 |
| | 7594.73 | 7594.45 |
| 5+00 | 7594.54 | 7594.04 |
| | 7594.35 | 7593.88 |
| 5+20 | 7594.13 | 7593.26 |
| | 7593.91 | 7593.03 |
| 5+40 | 7593.67 | 7592.27 |
| | 7593.42 | 7591.60 |
| 5+60 | 7593.16 | 7590.73 |
| | 7592.88 | 7590.26 |
| 5+80 | 7592.59 | 7589.86 |
| | 7592.29 | 7589.01 |
| 6+00 | 7591.99 | 7588.10 |
| | 7591.68 | 7587.73 |
| 6+20 | 7591.38 | 7587.32 |
| | 7591.07 | 7587.27 |
| 6+40 | 7590.76 | 7586.58 |
| | 7590.46 | 7585.85 |
| 6+60 | 7590.15 | 7585.63 |

## Upper Haul Road
Scale 1" = 40'

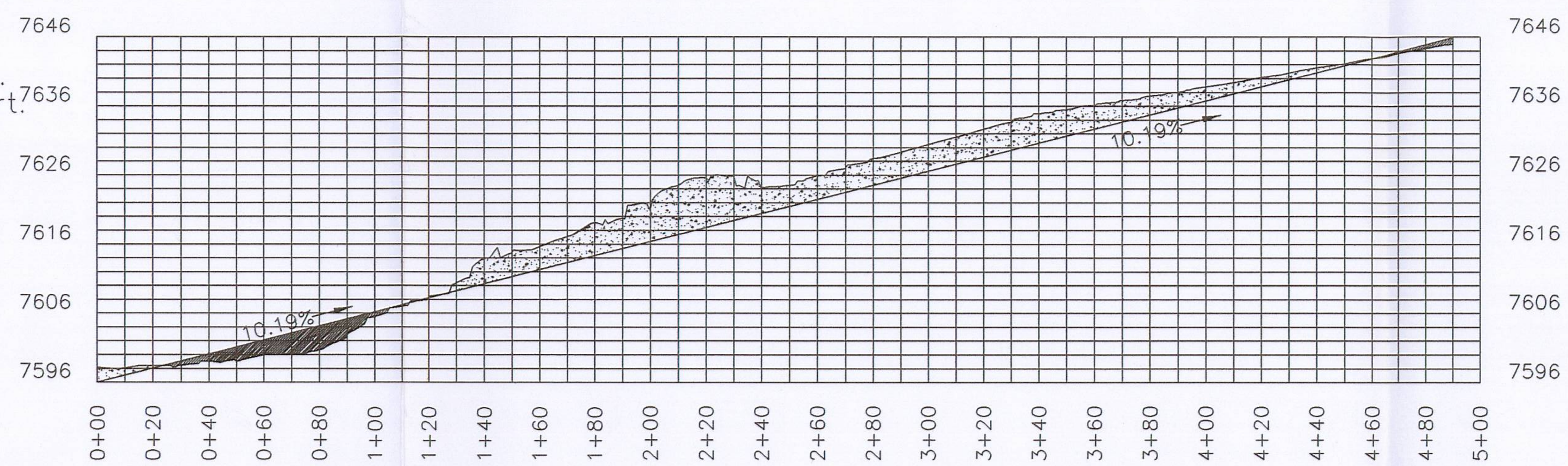


## Upper Haul Road
Station/Elevation Data

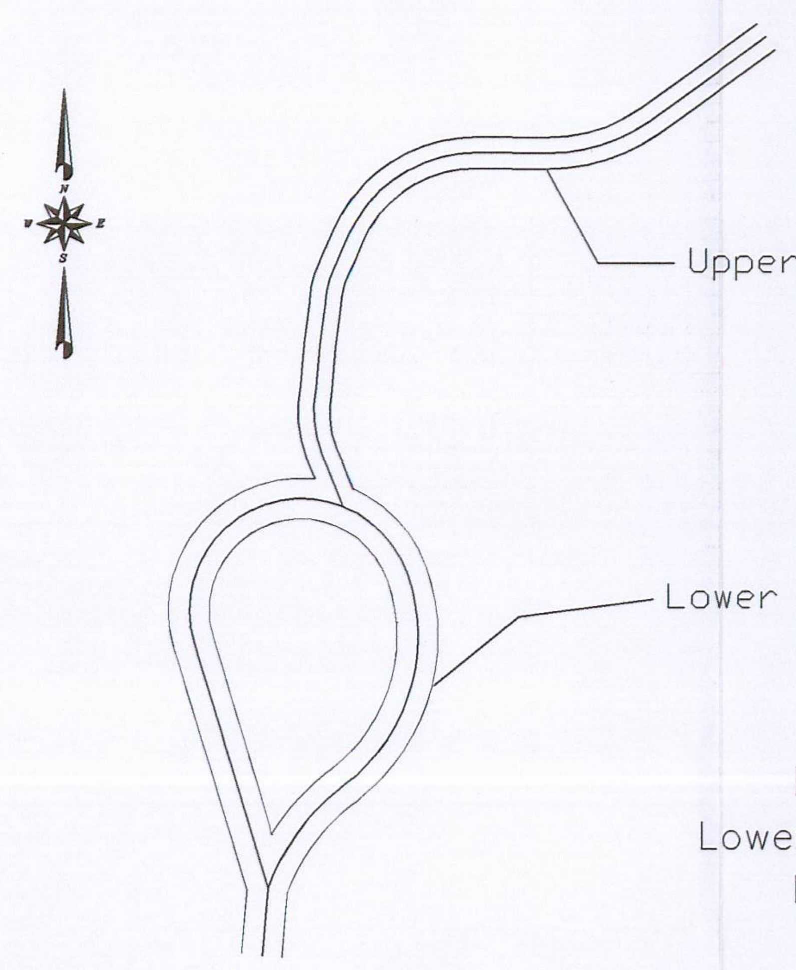
Profile Report
Generic Profile

| Station | Elevation | Distance | Slope |
|---|---|---|---|
| 0+0.00 | 7596.00 | | |
| 0+50.00 | 7601.09 | | |
| 1+00.00 | 7606.19 | | |
| 1+50.00 | 7611.28 | | |
| 2+00.00 | 7616.37 | | |
| 2+50.00 | 7621.47 | | |
| 3+00.00 | 7626.56 | | |
| 3+50.00 | 7631.65 | | |
| 4+00.00 | 7636.75 | | |
| 4+50.00 | 7641.84 | | |
| 4+90.00 | 7645.92 | 490.00 | 10.19% |

## Upper Haul Road
Profile
Scale 1" = 40' Hort.
Scale 1" = 16.67' Vert.




| Station | FINAL ELEVATIONS | EXISTING ELEVATIONS |
|---|---|---|
| 0+00 | 7598.14 | 7596.00 |
| | 7598.06 | 7597.02 |
| 0+20 | 7598.41 | 7598.04 |
| | 7598.45 | 7599.06 |
| 0+40 | 7599.04 | 7600.07 |
| | 7599.07 | 7601.09 |
| 0+60 | 7600.04 | 7602.11 |
| | 7600.10 | 7603.13 |
| 0+80 | 7600.67 | 7604.15 |
| | 7602.87 | 7605.17 |
| 1+00 | 7605.50 | 7606.19 |
| | 7607.01 | 7607.21 |
| 1+20 | 7608.34 | 7608.22 |
| | 7610.40 | 7609.24 |
| 1+40 | 7613.91 | 7610.26 |
| | 7614.80 | 7611.28 |
| 1+60 | 7615.63 | 7612.30 |
| | 7617.09 | 7613.32 |
| 1+80 | 7619.07 | 7614.34 |
| | 7619.71 | 7615.36 |
| 2+00 | 7621.20 | 7616.37 |
| | 7624.53 | 7617.39 |
| 2+20 | 7625.58 | 7618.41 |
| | 7625.64 | 7619.43 |
| 2+40 | 7624.14 | 7620.45 |
| | 7624.52 | 7621.47 |
| 2+60 | 7625.89 | 7622.49 |
| | 7627.02 | 7623.50 |
| 2+80 | 7628.38 | 7624.52 |
| | 7629.34 | 7625.54 |
| 3+00 | 7630.43 | 7626.56 |
| | 7631.53 | 7627.58 |
| 3+20 | 7632.64 | 7628.60 |
| | 7633.63 | 7629.62 |
| 3+40 | 7634.96 | 7630.64 |
| | 7635.51 | 7631.65 |
| 3+60 | 7636.16 | 7632.67 |
| | 7636.84 | 7633.69 |
| 3+80 | 7637.49 | 7634.71 |
| | 7638.01 | 7635.73 |
| 4+00 | 7638.77 | 7636.75 |
| | 7639.38 | 7637.77 |
| 4+20 | 7640.16 | 7638.78 |
| | 7640.81 | 7639.80 |
| 4+40 | 7641.53 | 7640.82 |
| | 7642.12 | 7641.84 |
| 4+60 | 7642.93 | 7642.86 |
| | 7643.63 | 7643.88 |
| 4+80 | 7644.31 | 7644.90 |
| | 7644.96 | 7645.92 |
| 5+00 | | |




Haul Roads
Lower & Upper Roads
Not to Scale

LEGEND

CUT

FILL

RECEIVED
JAN 15 2008
DIV. OF OIL, GAS & MINING

REGISTERED PROFESSIONAL ENGINEER
No. 168246
RICHARD B. WHITE
STATE OF UTAH

| REVISION | |
|---|---|
| 5-31-99 | VSB |
| 1-10-08 | KP |

PLATE 3-4

ACCESS/HAULAGE ROAD DESIGN

HORIZON MINE

HIDDEN SPLENDOR RESOURCES, INC.
3266 SOUTH 125 WEST
PRICE, UTAH 84501

DRAWN BY: DVS | CHECKED BY: VSB | DATE: 6-13-96
APPROVED BY: BJB | AUTOCAD FILE: G:\UC572\1999\WORKING\PL15-7.DWG 5-31-99

EarthFax Engineering, Inc.