Segment ID: 8

Krebs Drive

Deadwood Avenue to Commerce Road

Classification: Collector

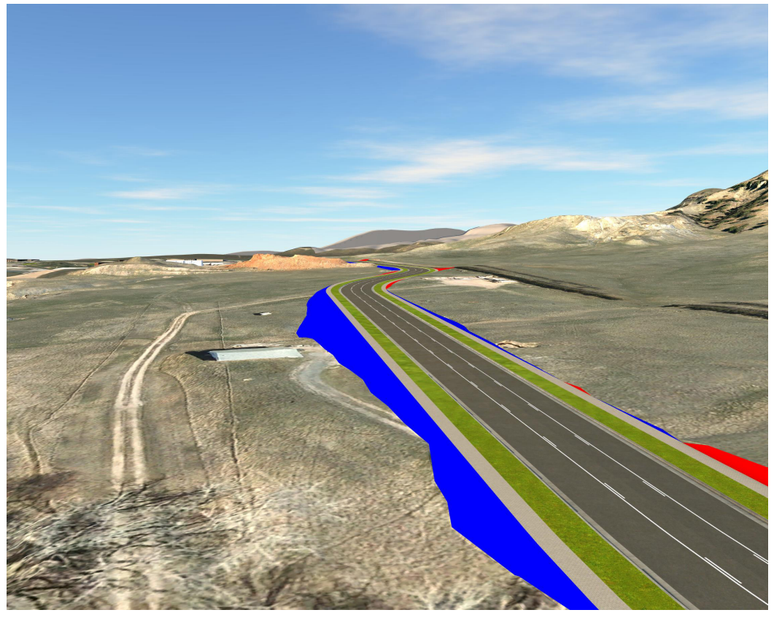
Corridor Length: 3,897 FT

Estimated Quantities

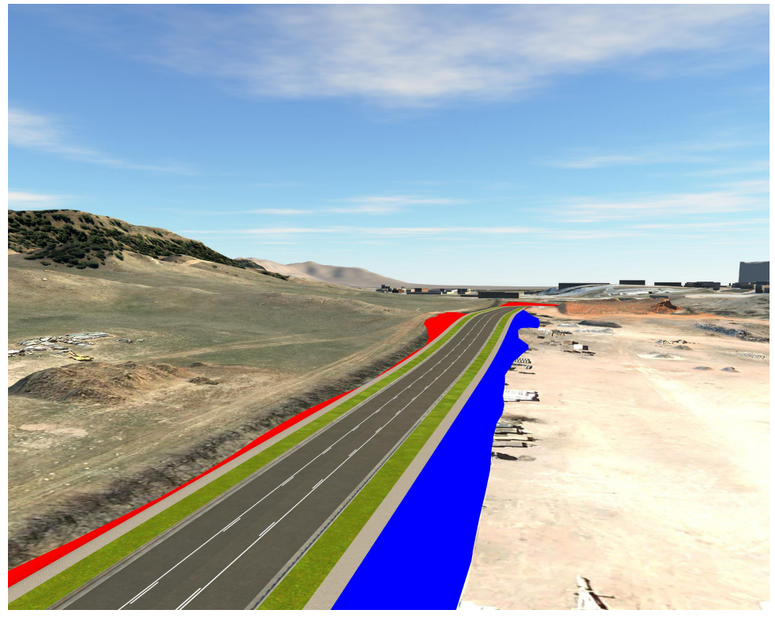
- **Road Surface:** 13,856 SY
- **Earthwork Cut (Red):** 5,959 CY
- **Earthwork Fill (Blue):** 19,247 CY

Segment Considerations:

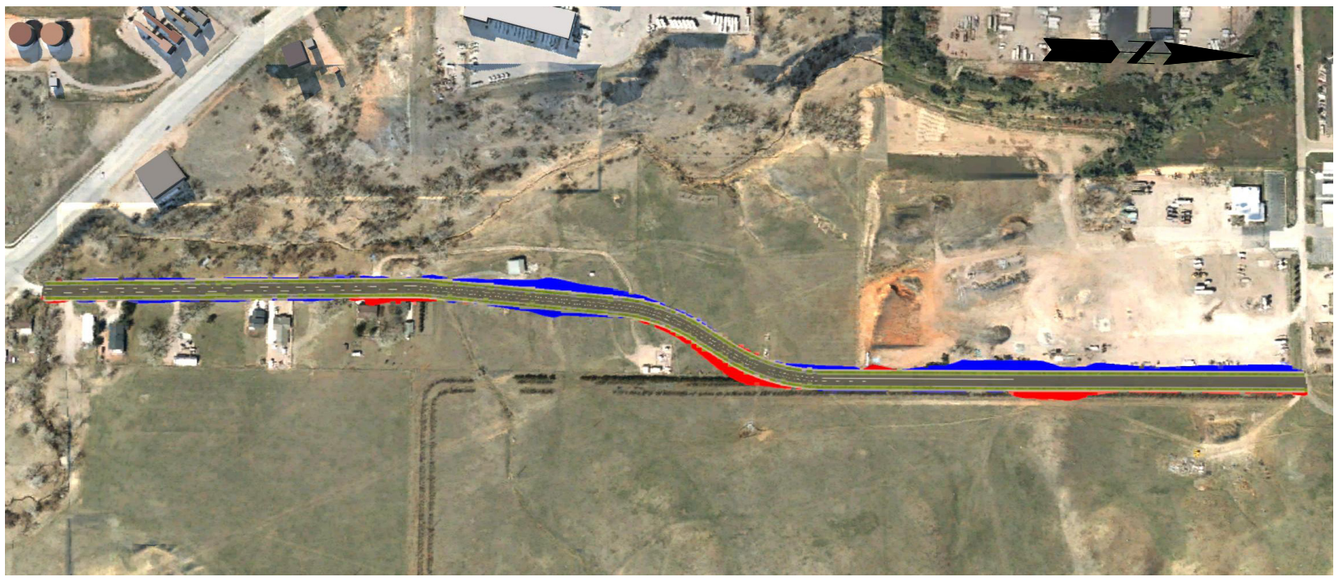
- Design speed – 35 MPH.



Isometric looking north at station 13+00



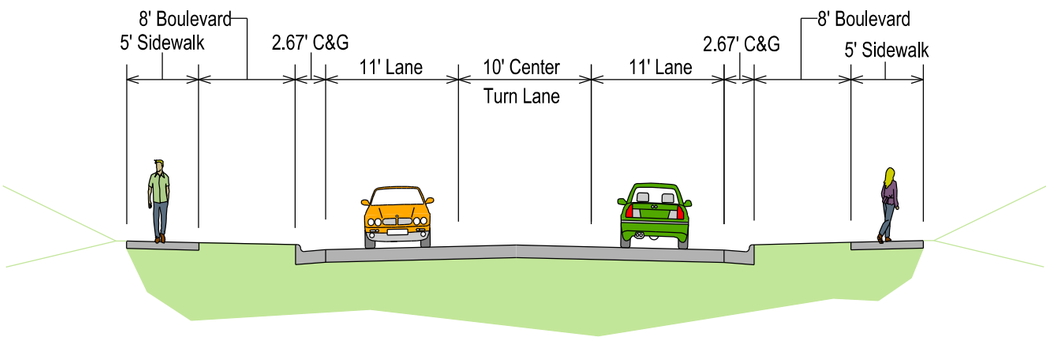
Isometric looking south at station 38+97

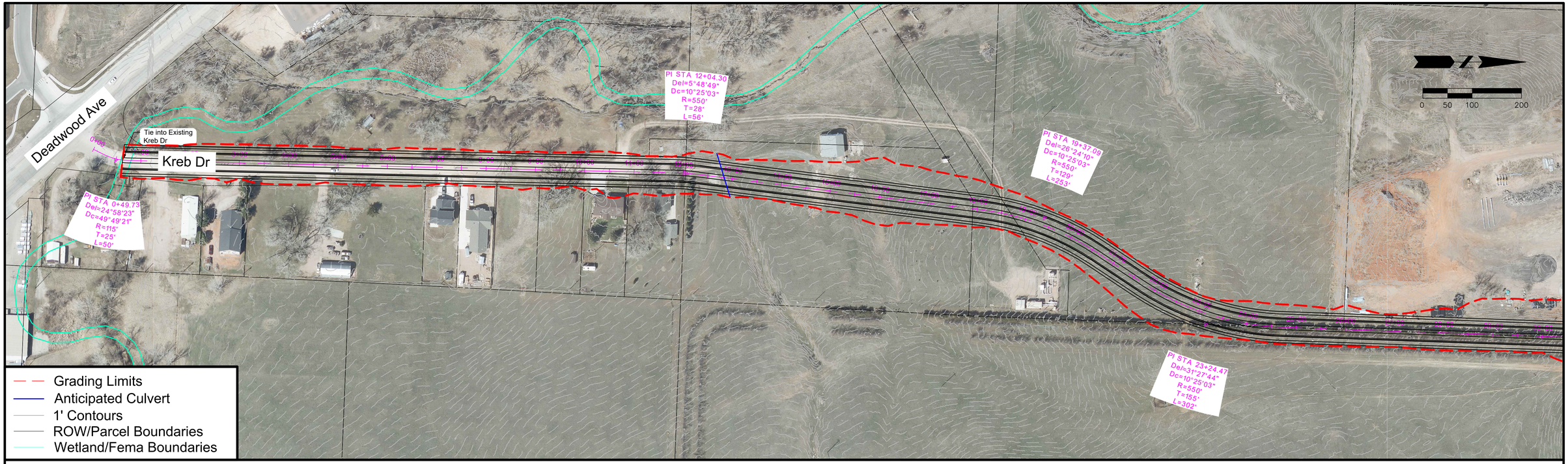


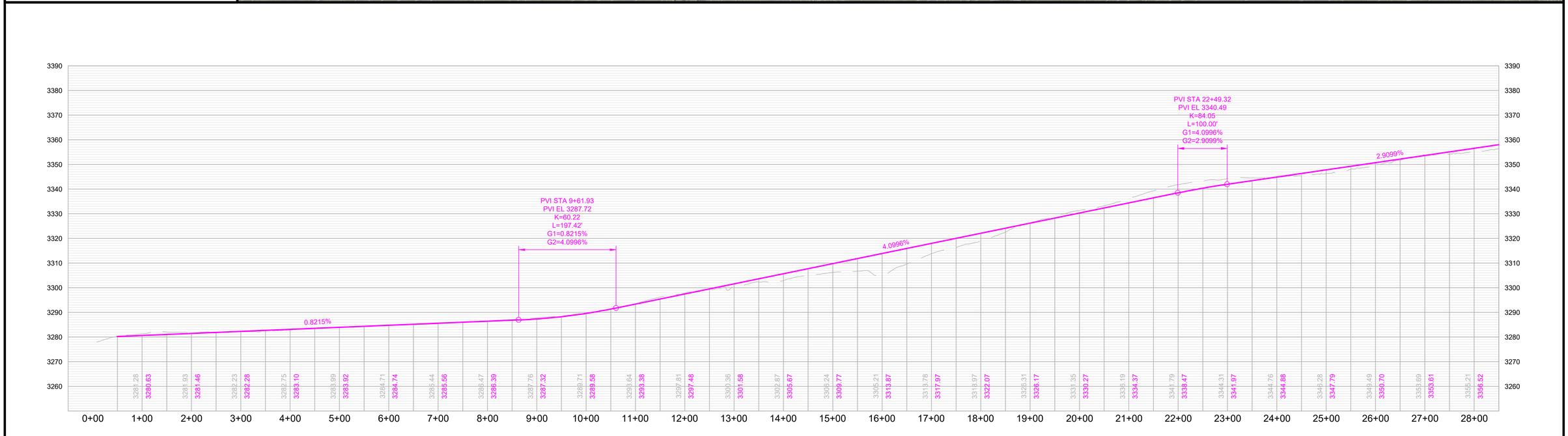
Segment Overview

Proposed Typical Section

3 Lane Collector







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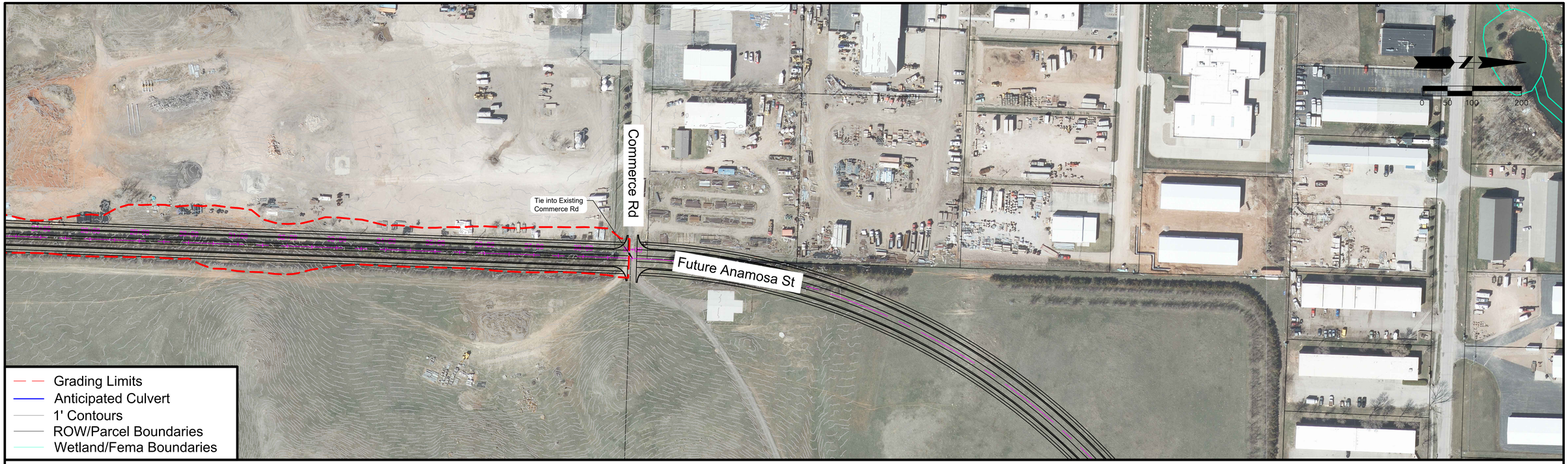
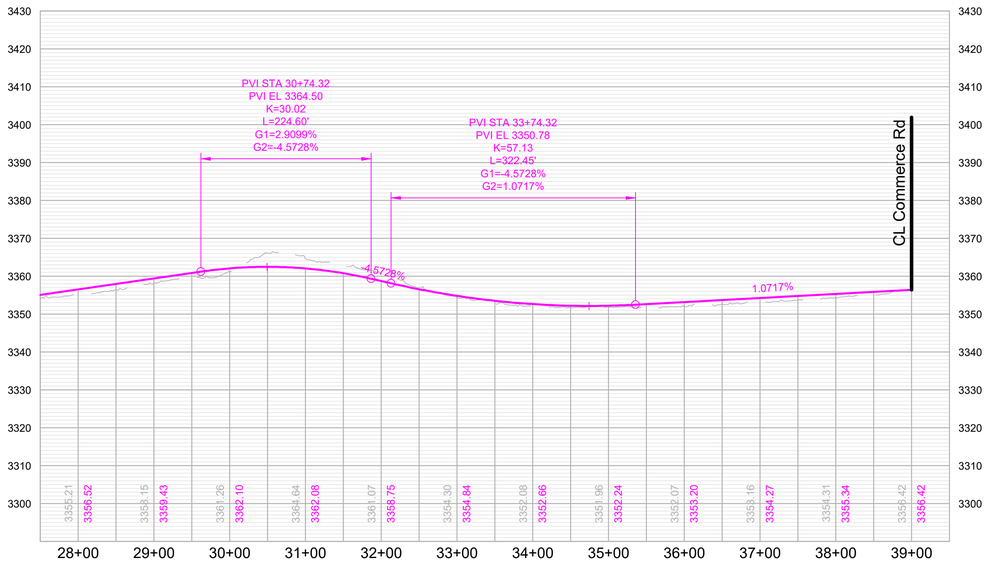
Krebs Drive

Deadwood Ave to Commerce Rd

SHEET

1 of 2





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Krebs Drive

Deadwood Ave to Commerce Rd

SHEET

2 of 2

Falling Rock Road

Southern Terminus to Victoria Lake Road

Segment ID: 18

Classification: Minor Arterial

Corridor Length: 11,230 FT

Estimated Quantities

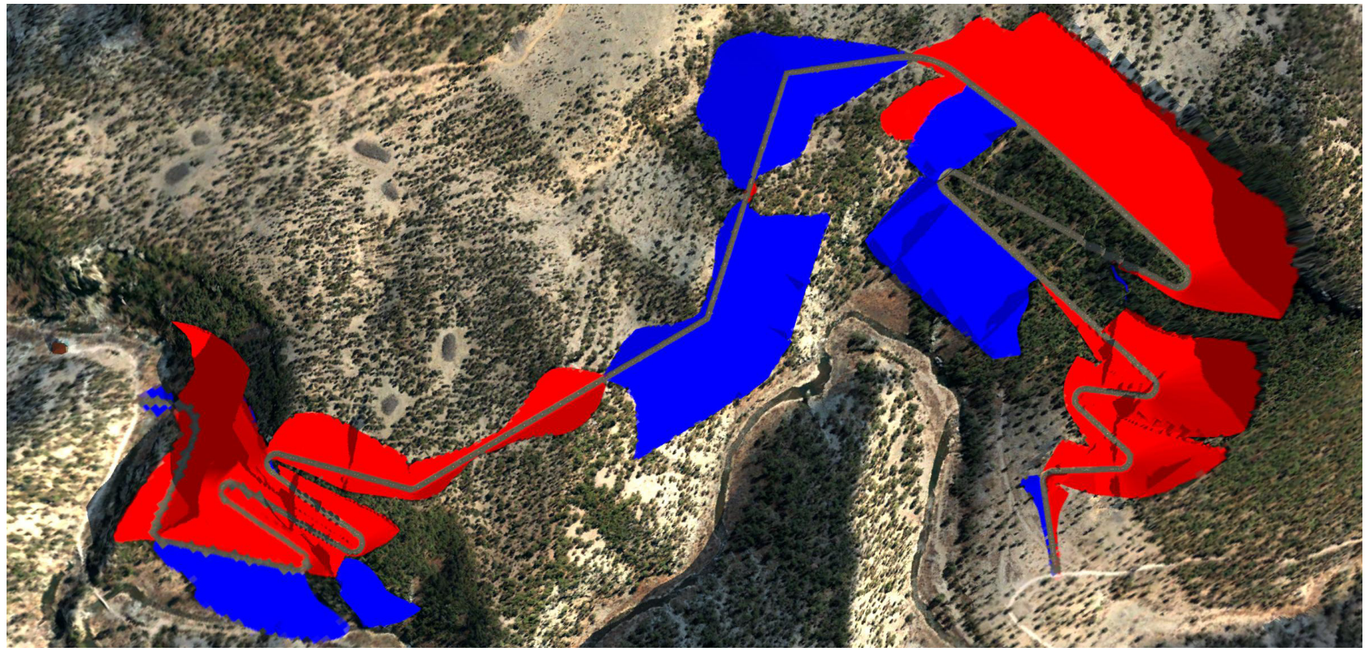
Road Surface: 29,947 SY

Earthwork Cut (Red): 3,449,329 CY

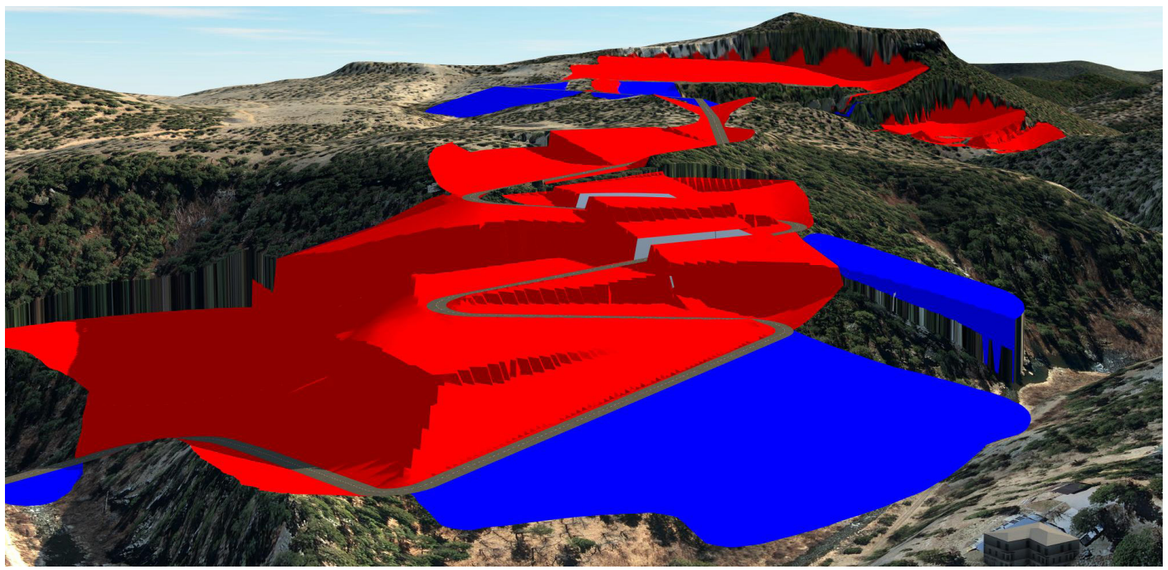
Earthwork Fill (Blue): 1,233,869 CY

Segment Considerations:

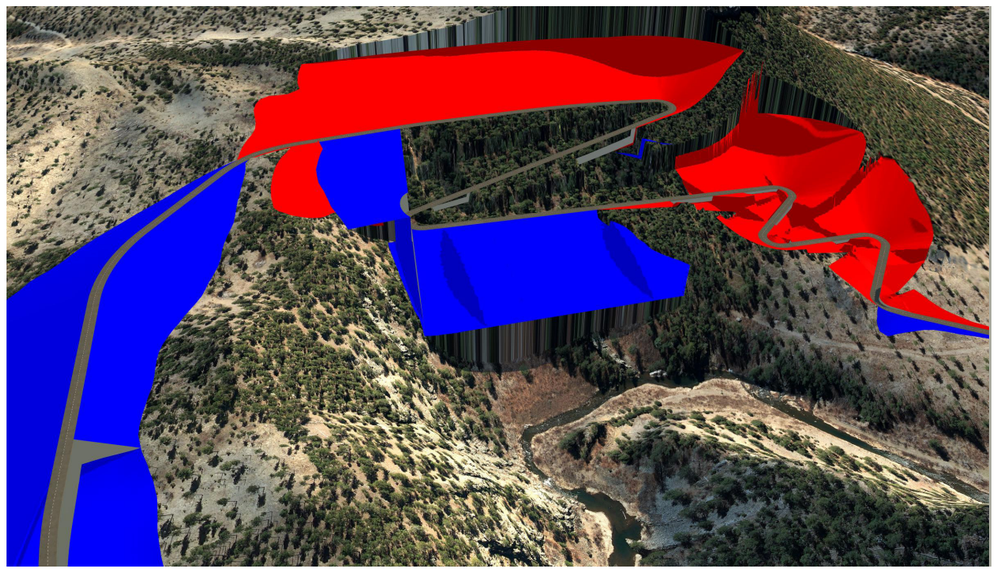
- Due to the steep topography contained within a significant portion of the corridor, several design criteria for a Minor Arterial Street cannot be achieved. As shown, to traverse the steep topography, "switch-back" curves would be required in two segments of the corridor which would significantly reduce the design speed for the corridor. It is recommended this corridor be removed from consideration as a Minor Arterial Street in the Major Street Plan. The street, if constructed, would likely only satisfy local street design criteria.
- Design speed – 45 MPH.



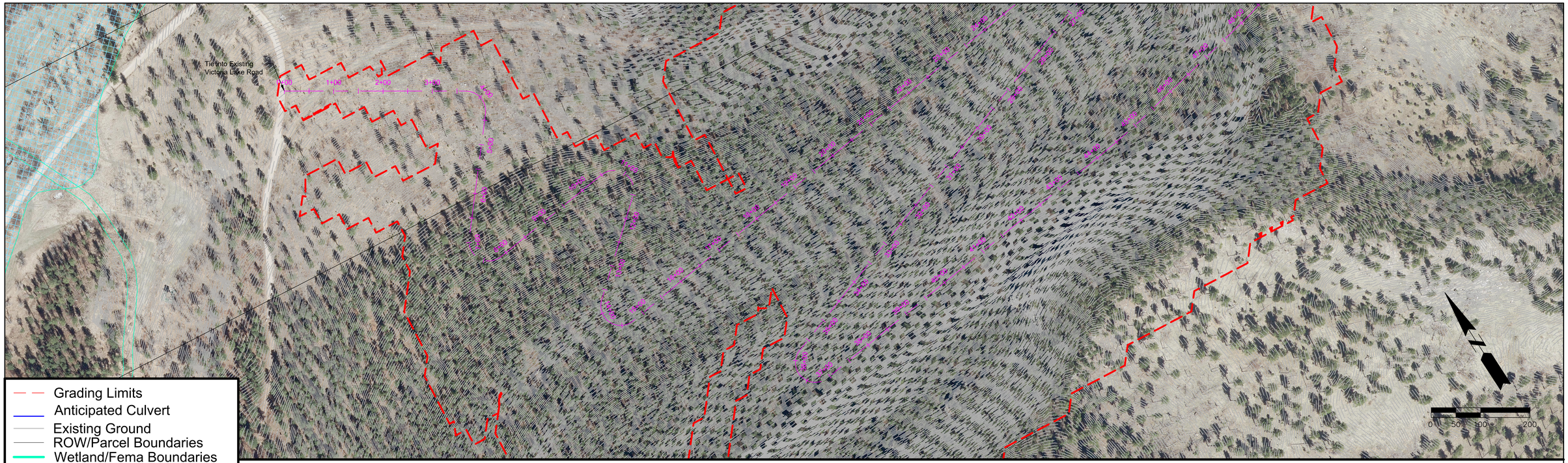
Segment Overview

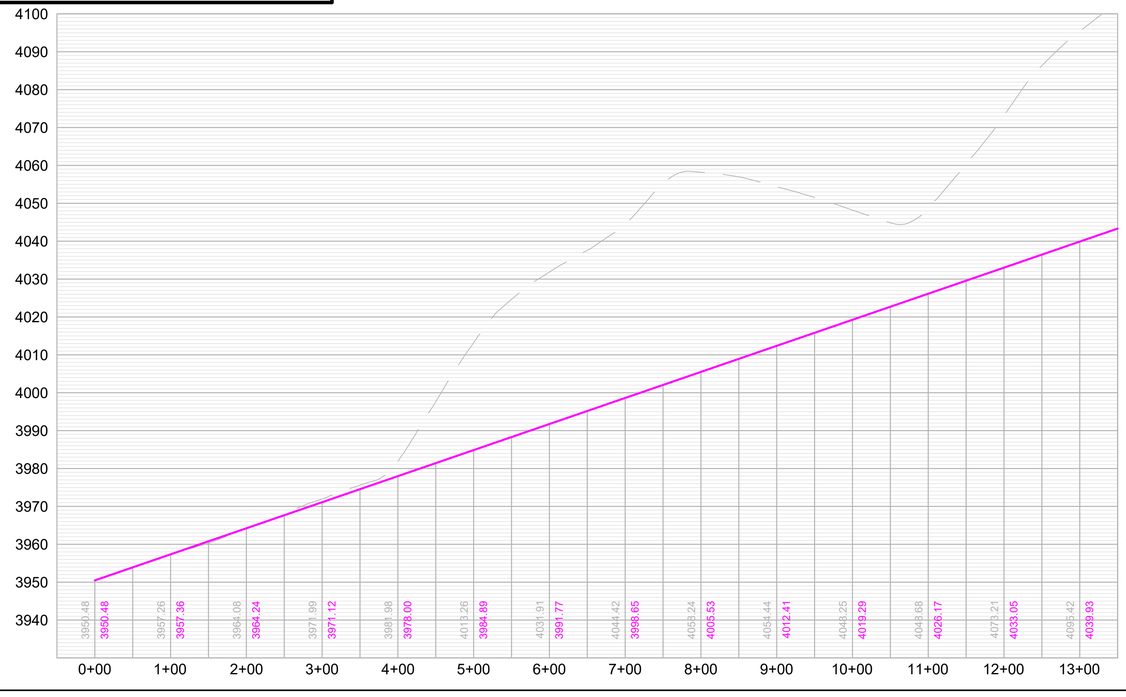


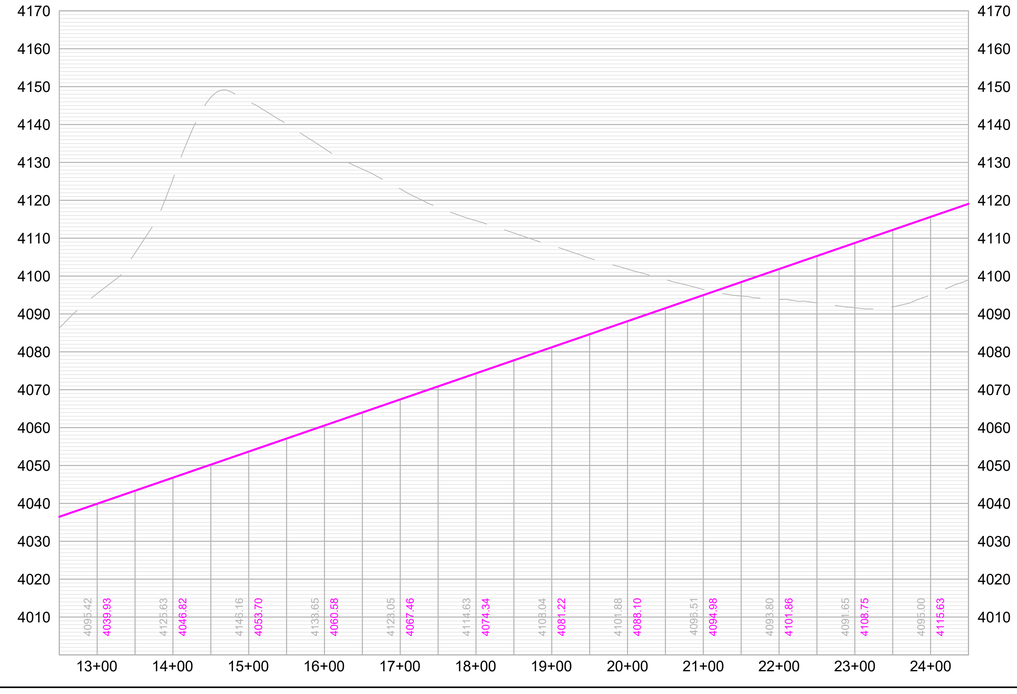
Isometric looking south



Isometric looking south







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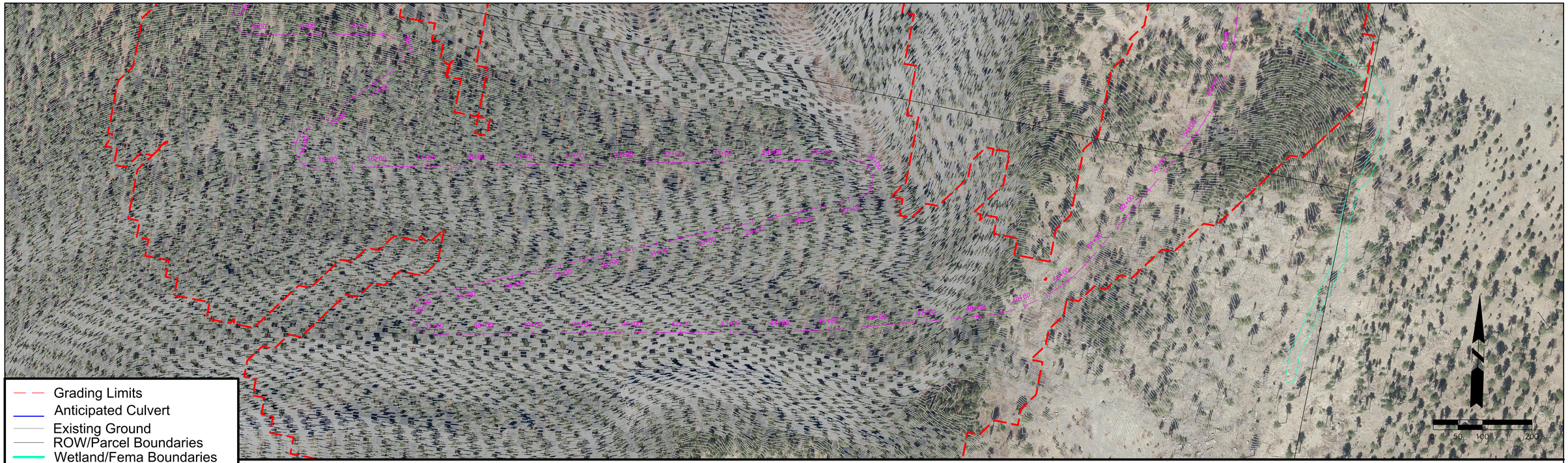
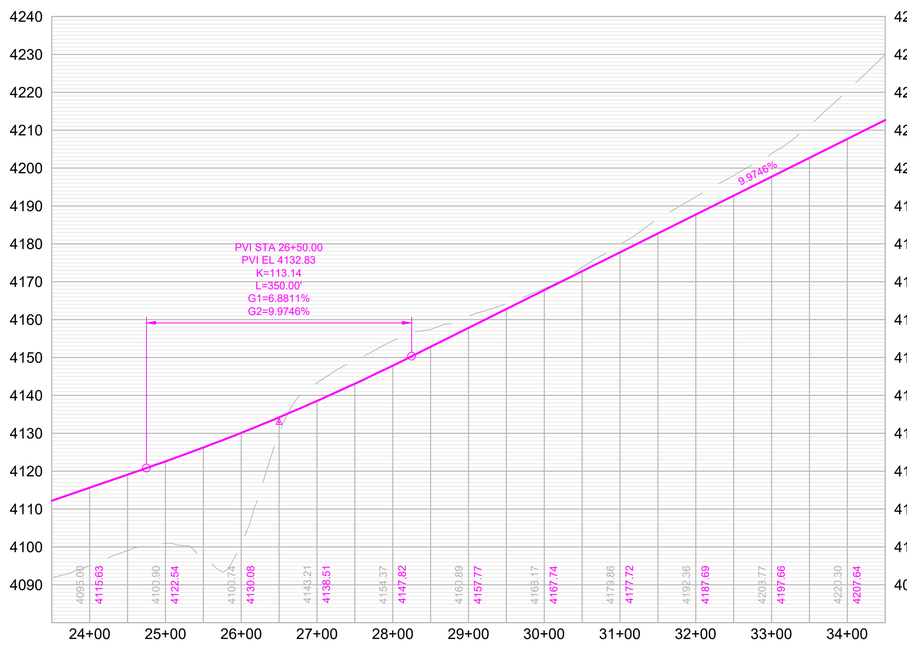
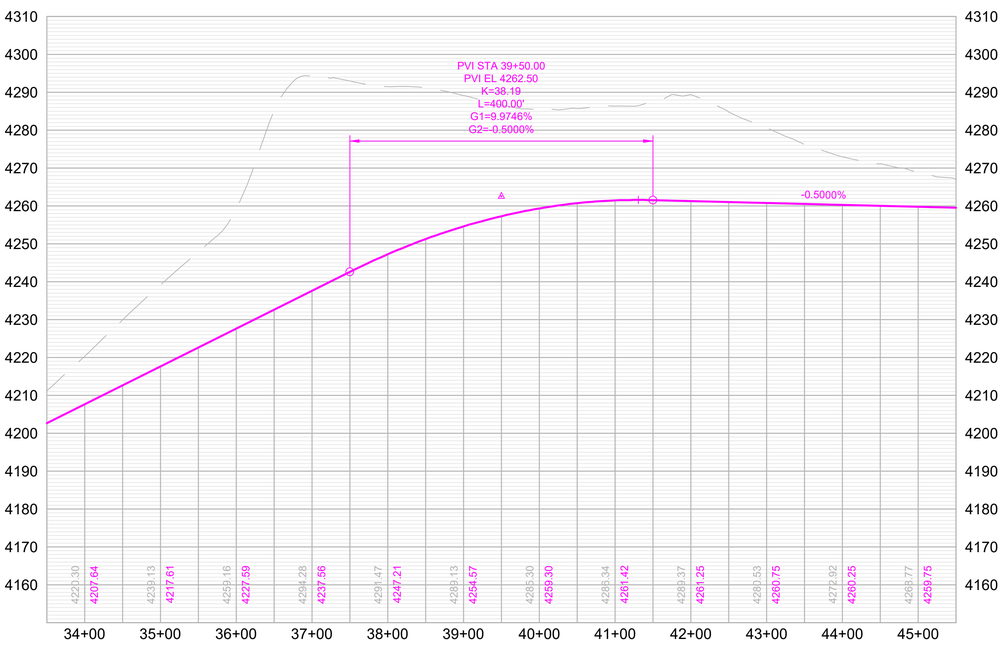
Falling Rock Road

Southern Terminus to Victoria Lake Rd

SHEET
1 of 5







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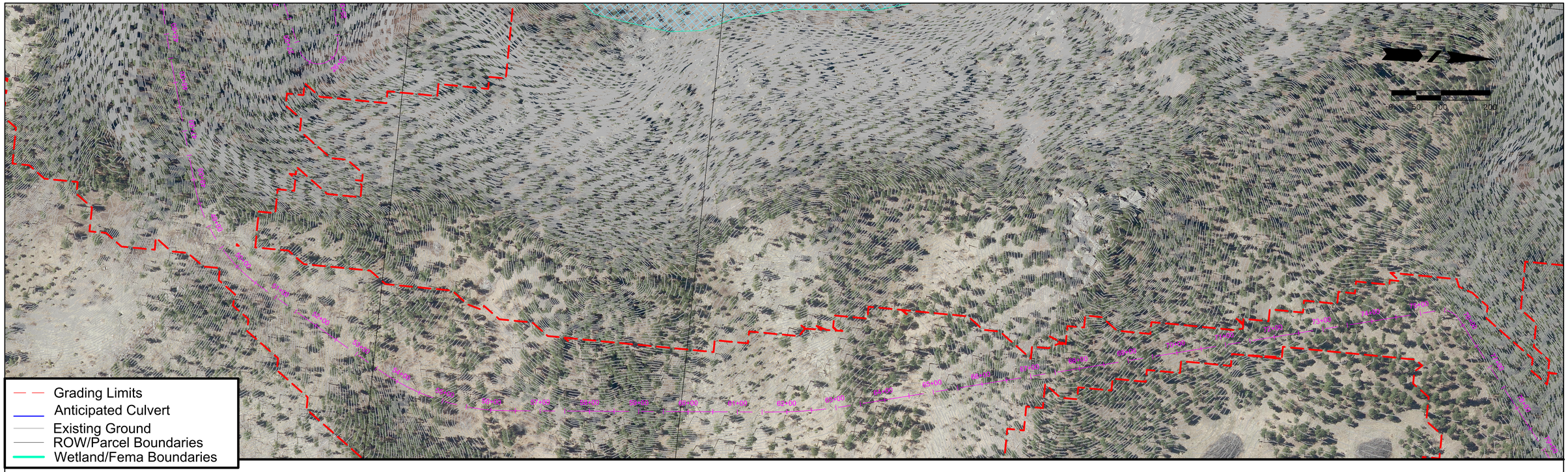
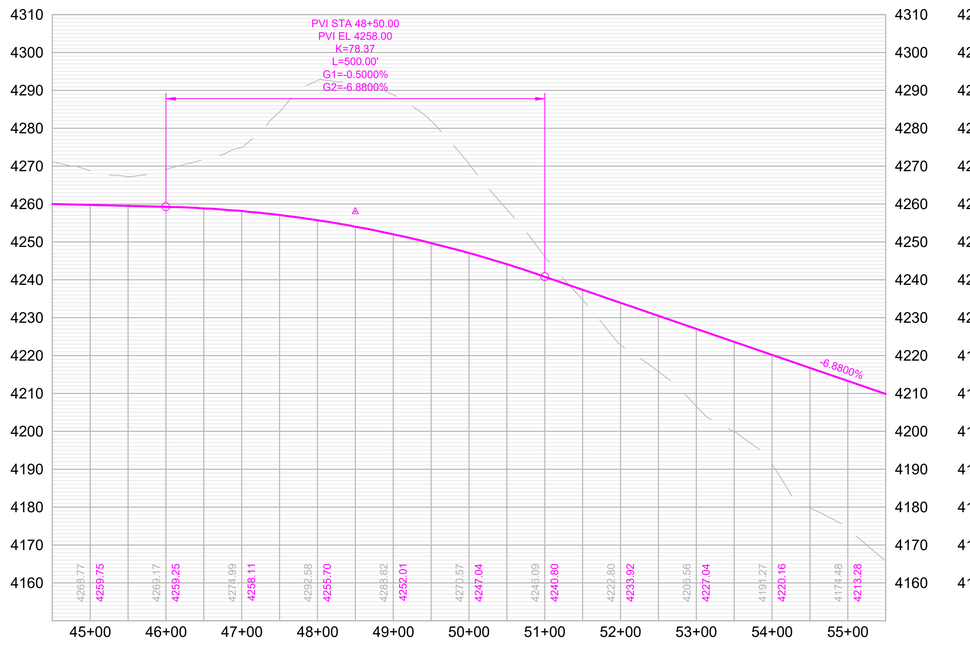
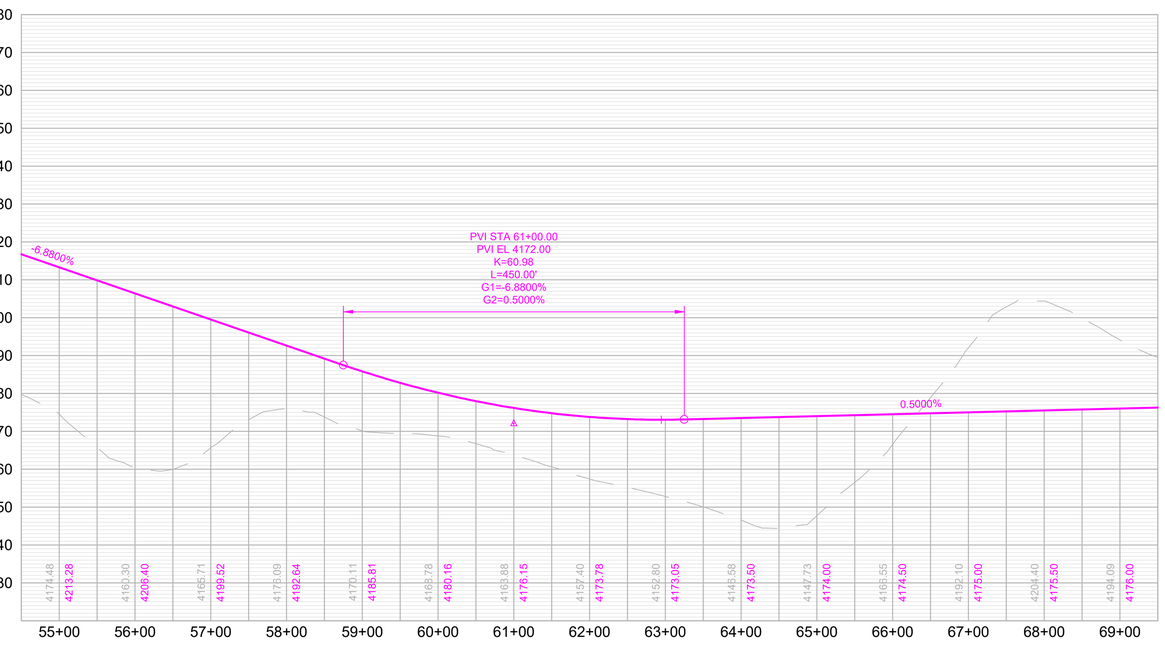
Falling Rock Road

Southern Terminus to Victoria Lake Rd







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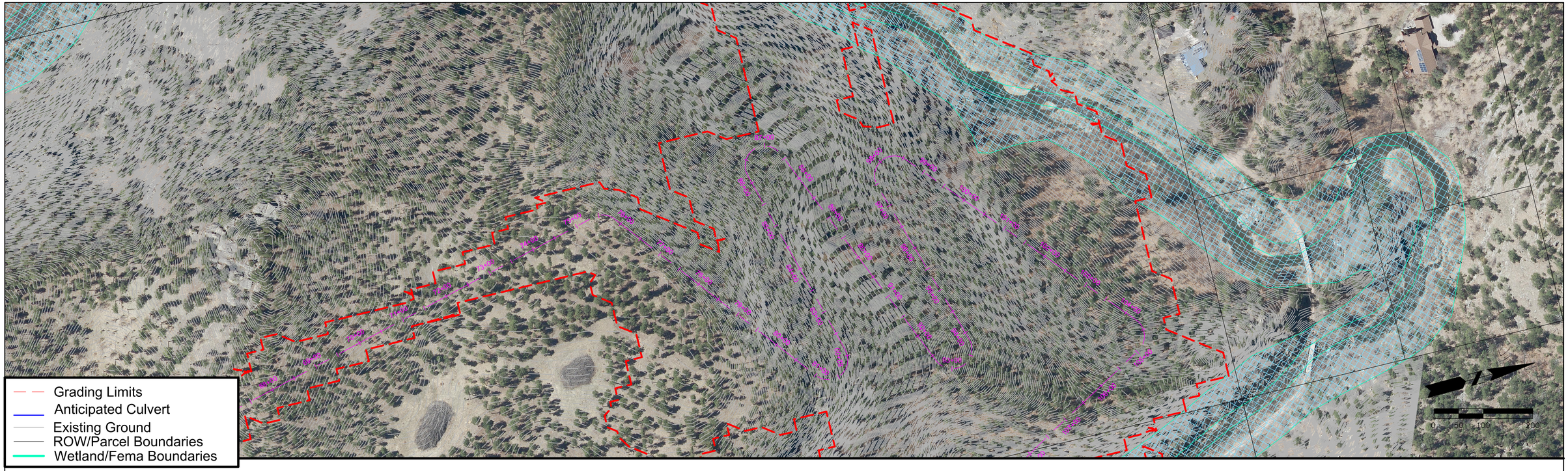
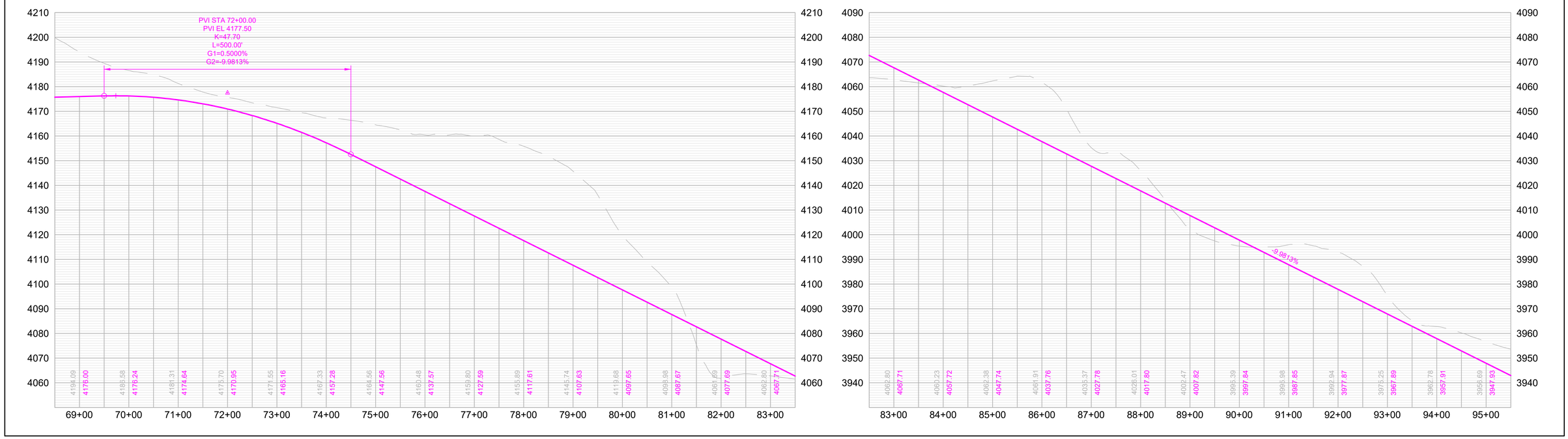
Falling Rock Road

Southern Terminus to Victoria Lake Rd





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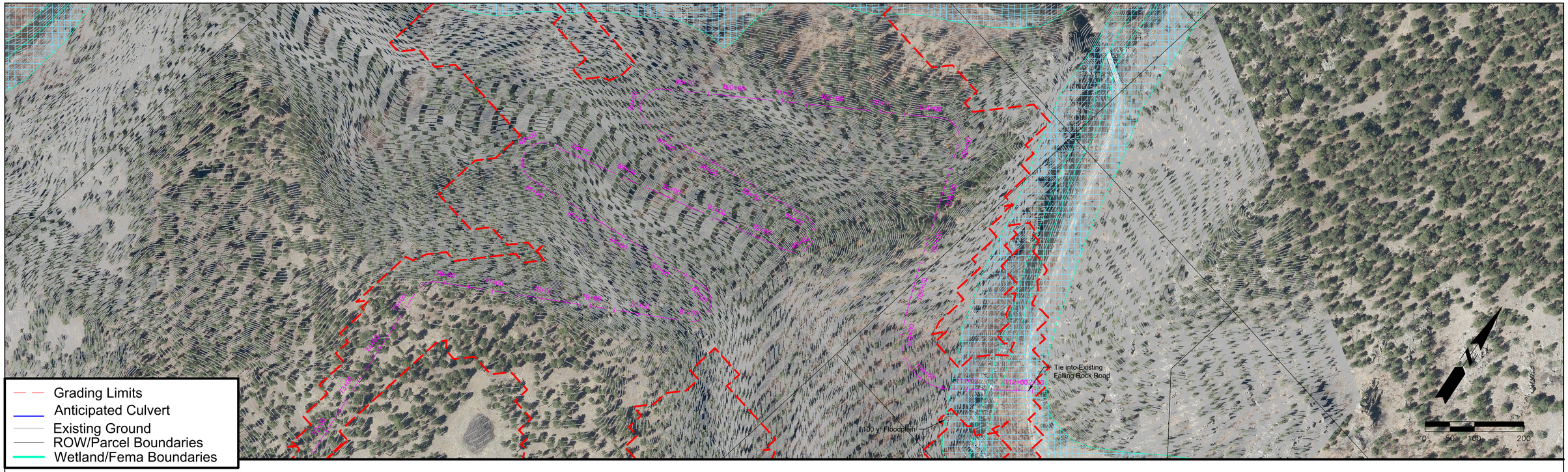
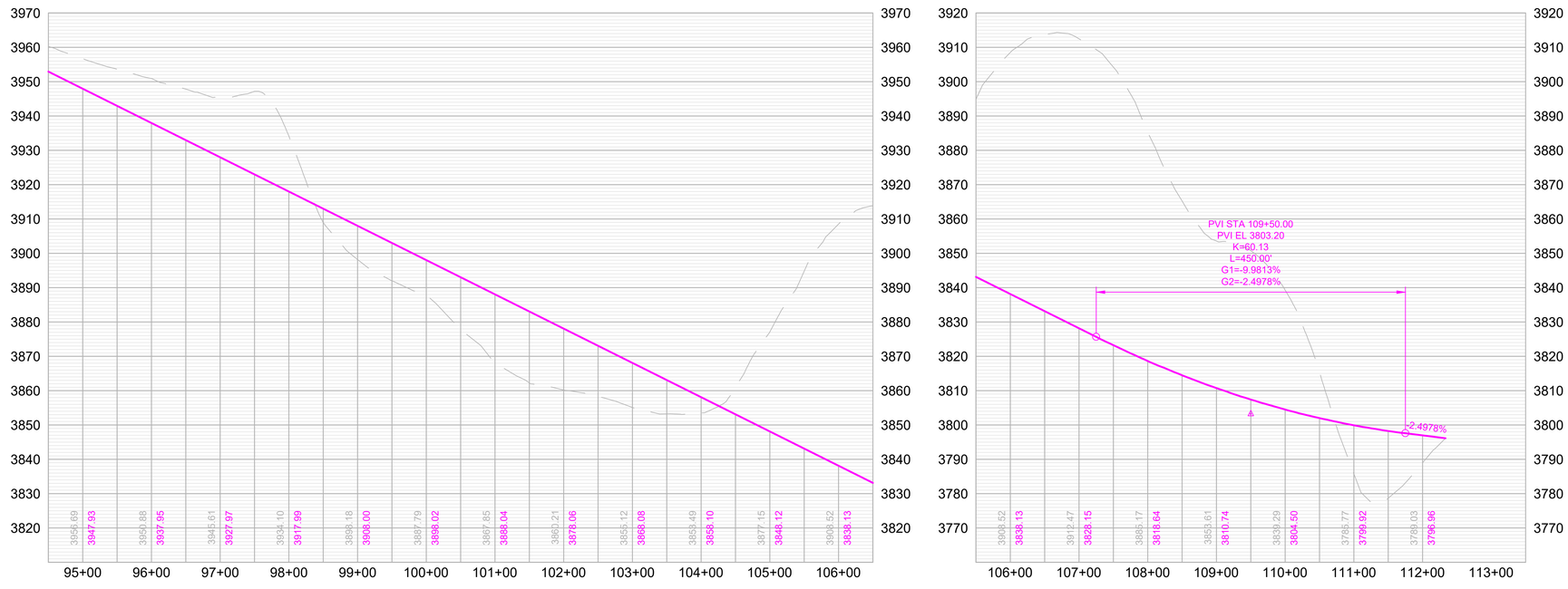
Falling Rock Road

Southern Terminus to Victoria Lake Rd





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Falling Rock Road

Southern Terminus to Victoria Lake Rd

SHEET
5 of 5

Segment ID: 19

Nameless Cave Road

Northern Terminus to Schroeder Road

Classification: Minor Arterial

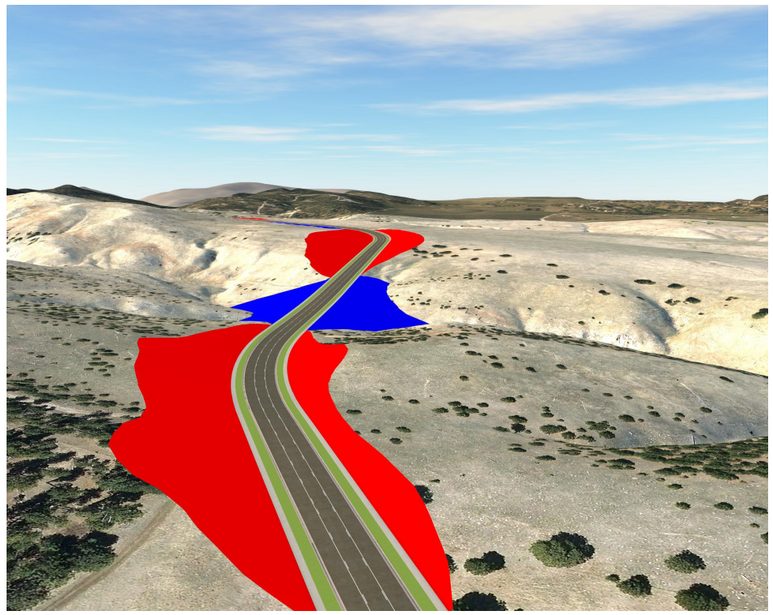
Corridor Length: 9,600 FT

Estimated Quantities

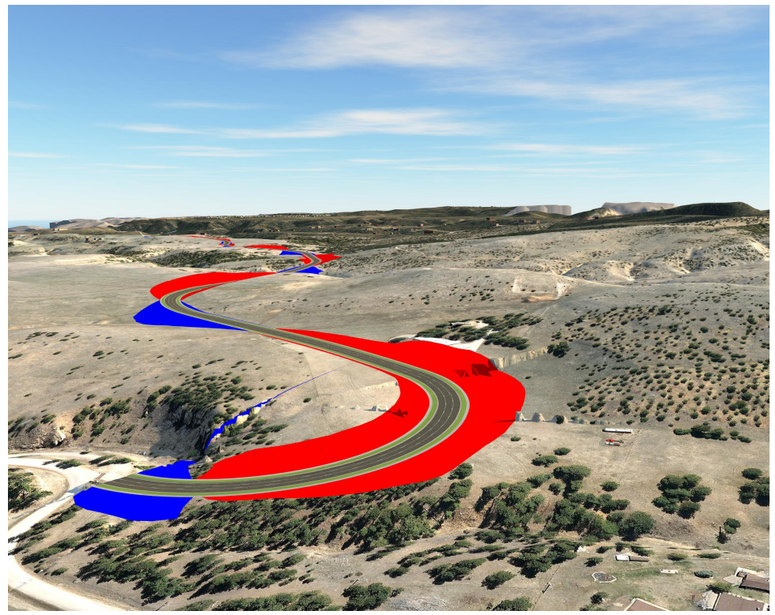
- **Road Surface:** 38,400 SY
- **Earthwork Cut (Red):** 152,632 CY
- **Earthwork Fill (Blue):** 534,835 CY

Segment Consideration:

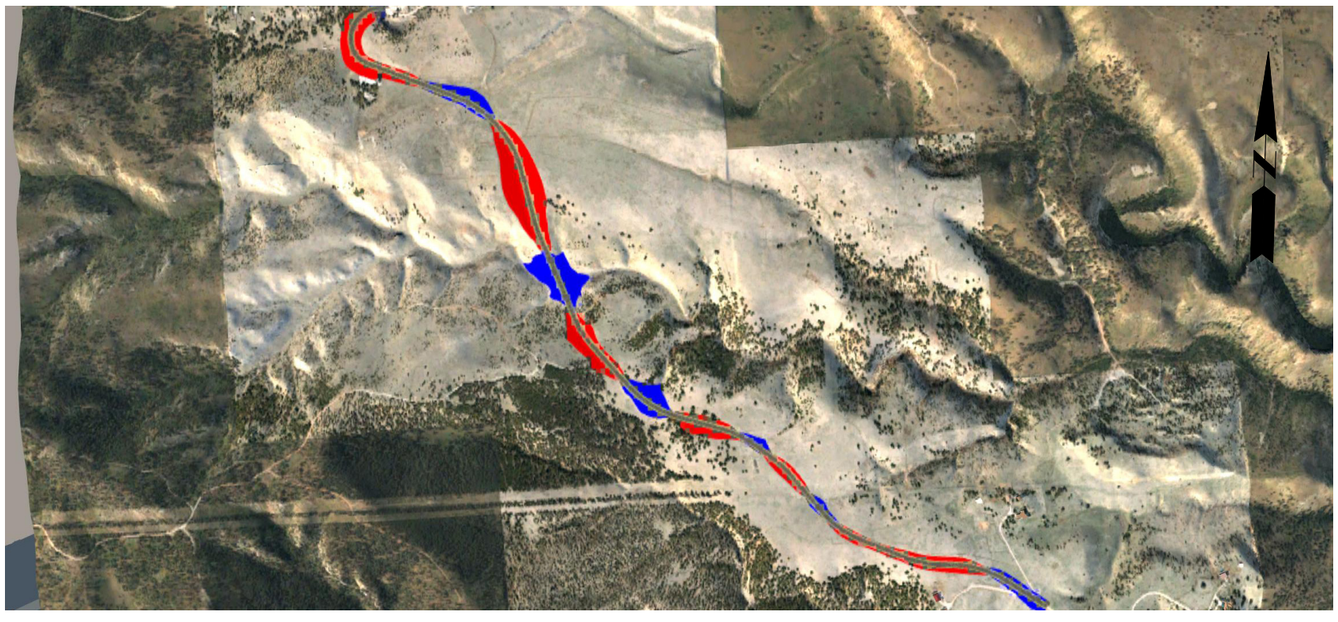
- Will require realignment of existing Schroeder Road at proposed new intersection/connection point.
- Design speed – 45 MPH.



Isometric looking northwest at station 46+00



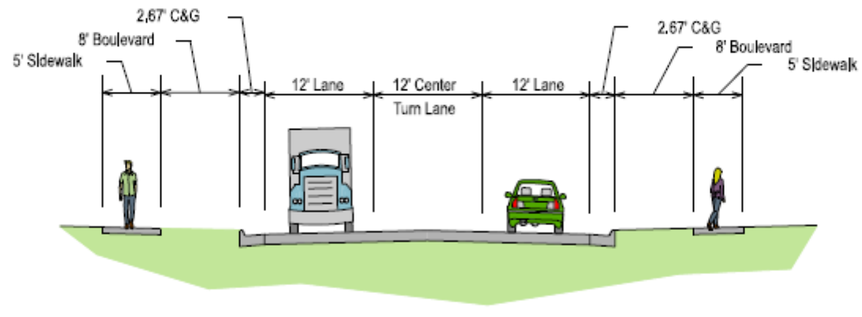
Isometric looking southeast at station 2+00



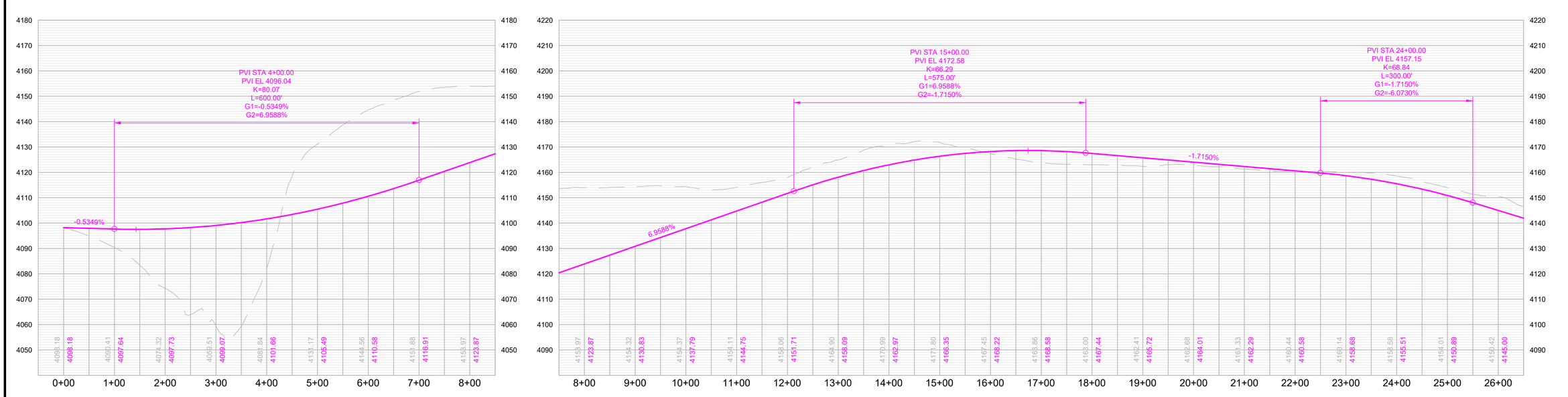
Segment Overview

Proposed Typical Section

3 Lane Minor Arterial







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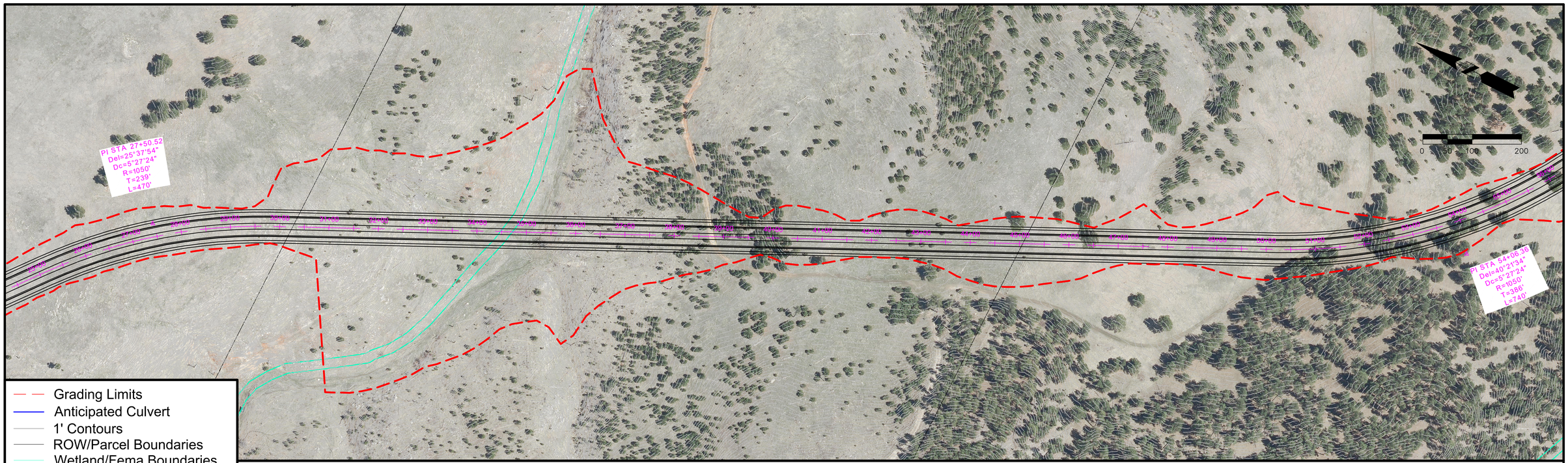
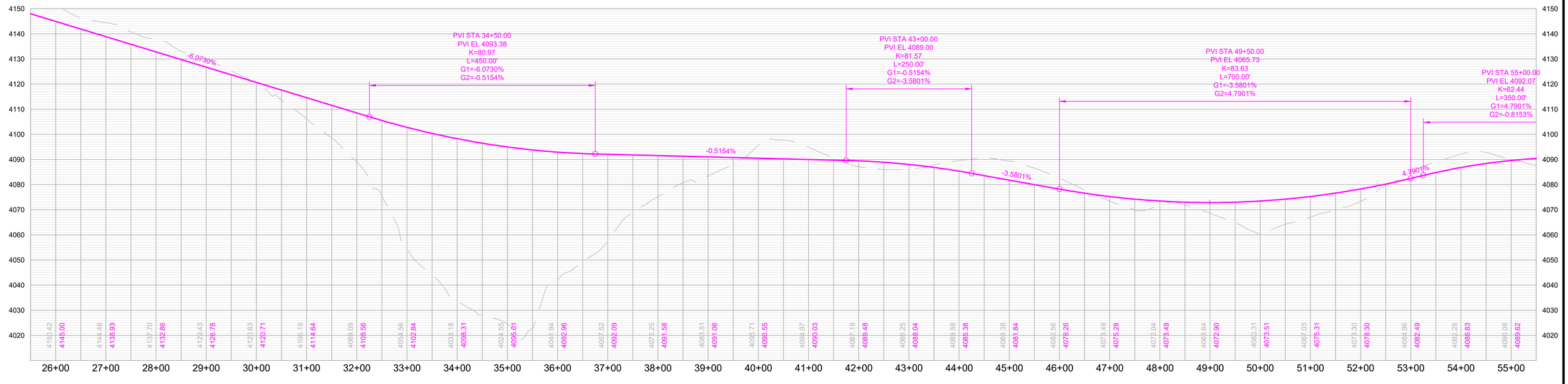
Nameless Cave Road

Northern Terminus to Schroeder Rd

SHEET

1 of 4





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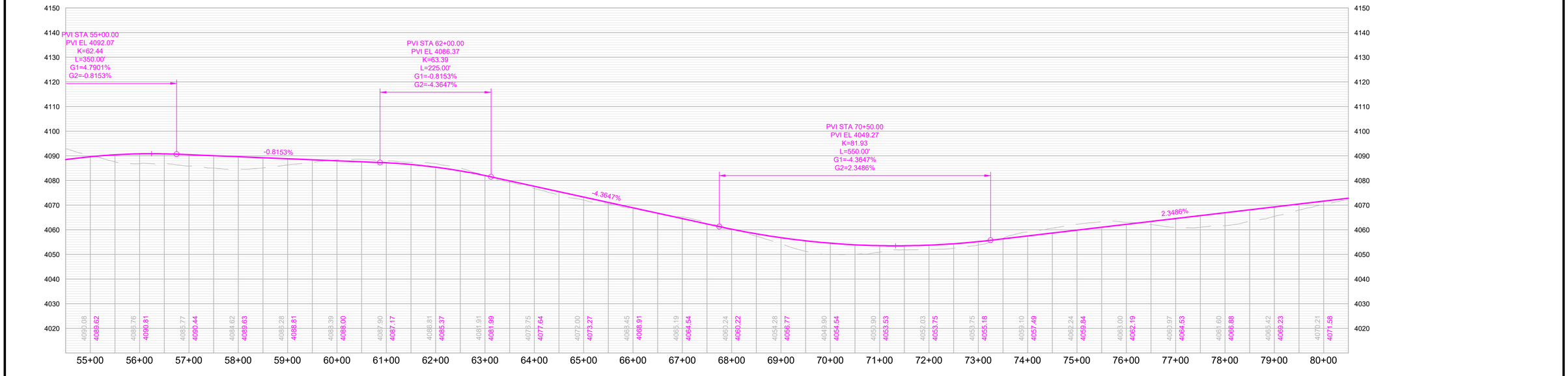
Nameless Cave Road

Northern Terminus to Schroeder Rd





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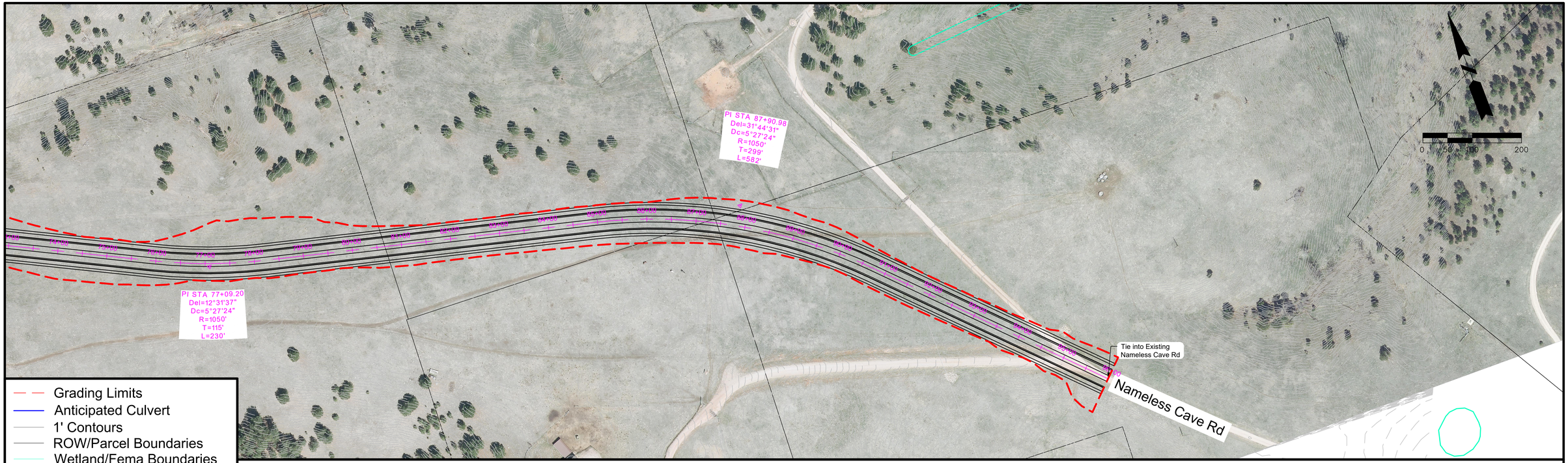
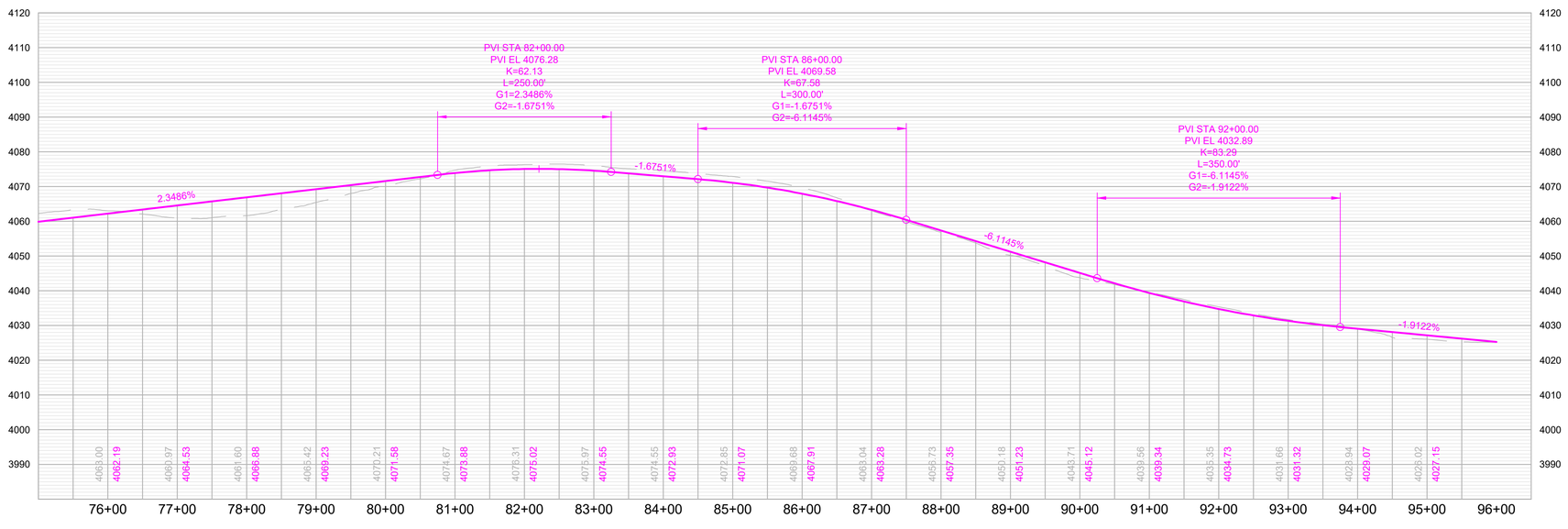
Nameless Cave Road

Northern Terminus to Schroeder Rd





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Nameless Cave Road

Northern Terminus to Schroeder Rd

Hidden Valley Road

Western Terminus to Bittersweet Road

Classification: Principal Arterial

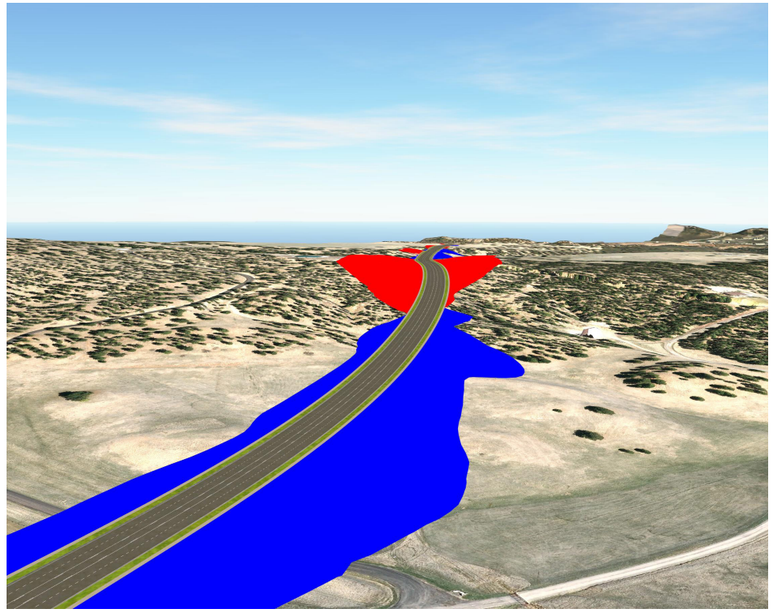
Corridor Length: 8,000 FT

Estimated Quantities

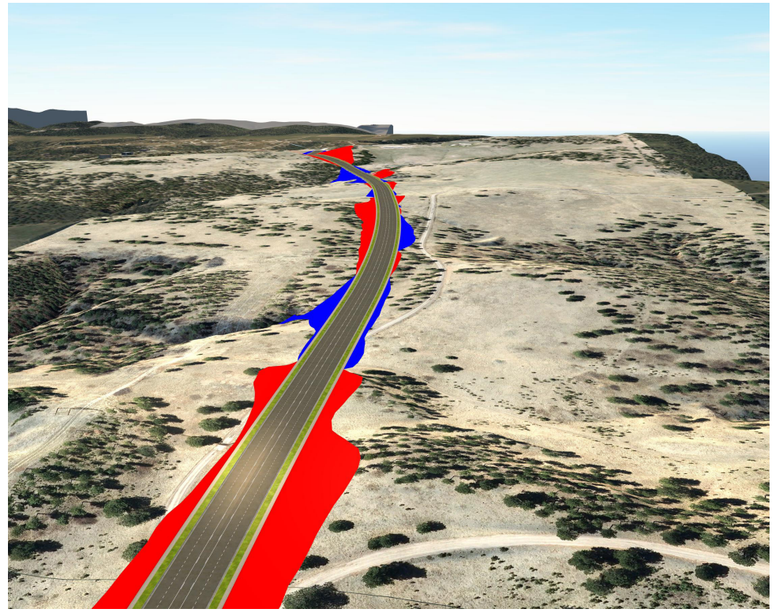
- **Road Surface:** 51,556 SY
- **Earthwork Cut (Red):** 578,367 CY
- **Earthwork Fill (Blue):** 485,098 CY

Segment Considerations:

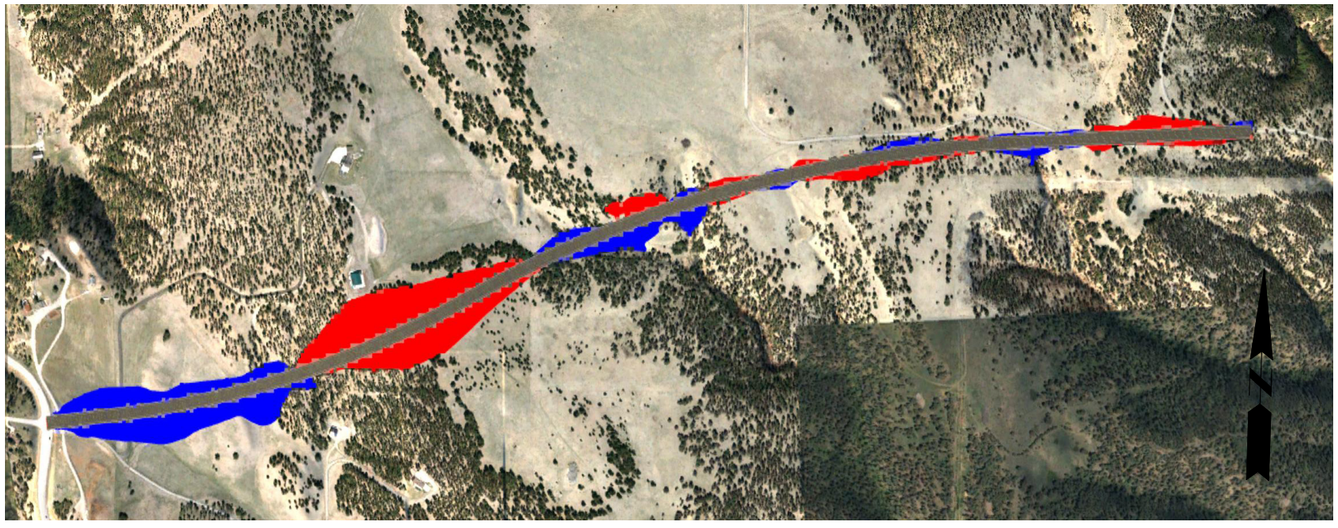
- The sight distance at the existing Bittersweet Road/Nemo Road intersection meets a 50 MPH design speed, however backslope and vertical curve grading may be necessary to meet a 55 MPH design speed on Nemo Road.
- Consider steeper slopes to reduce property impacts near Station 22+00.
- Design speed – 50 MPH.



Isometric looking northeast at station 2+00



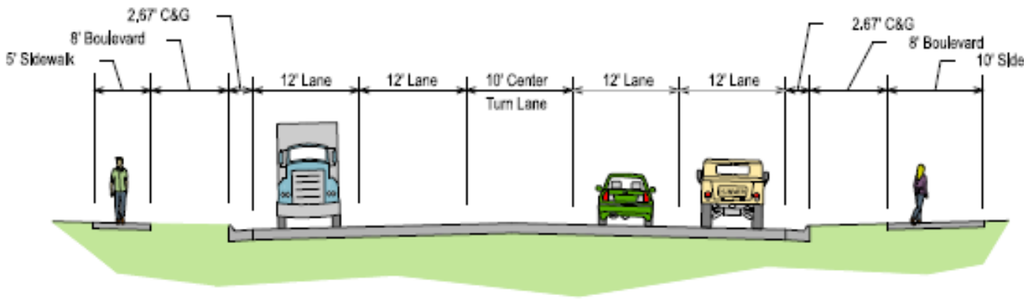
Isometric looking west at station 78+00

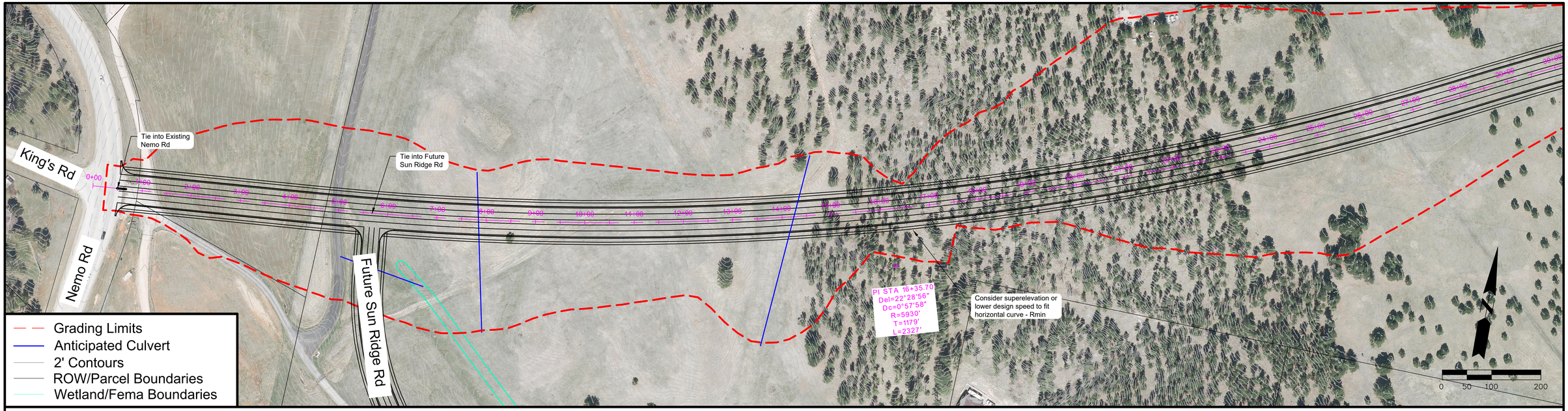


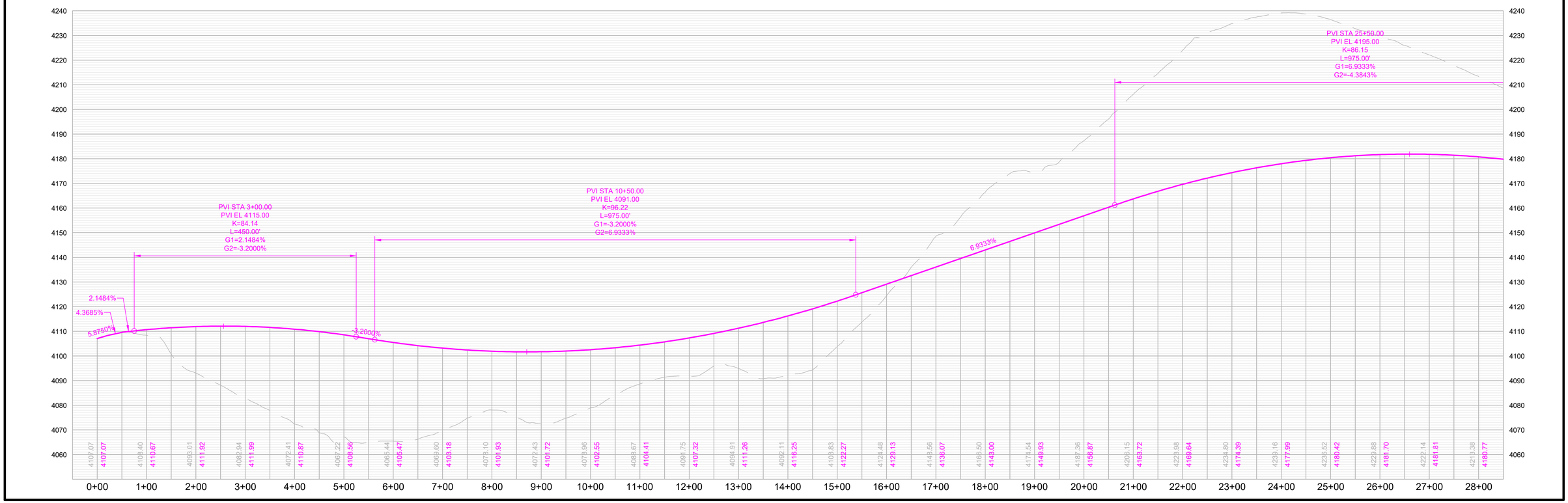
Segment Overview

Proposed Typical Section

5 Lane Principal Arterial







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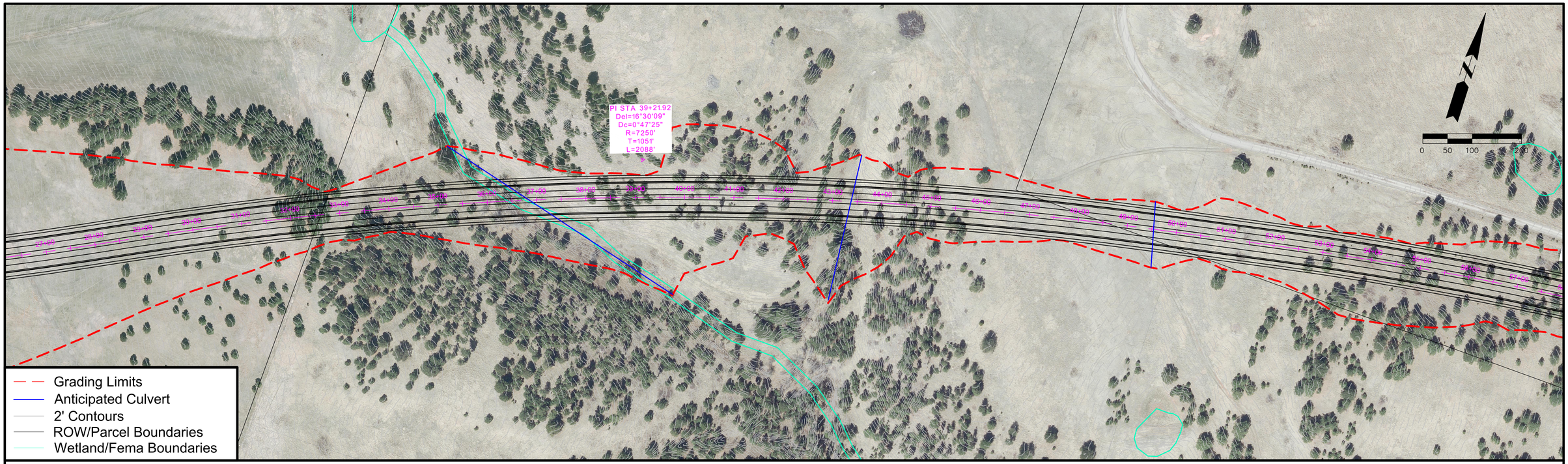
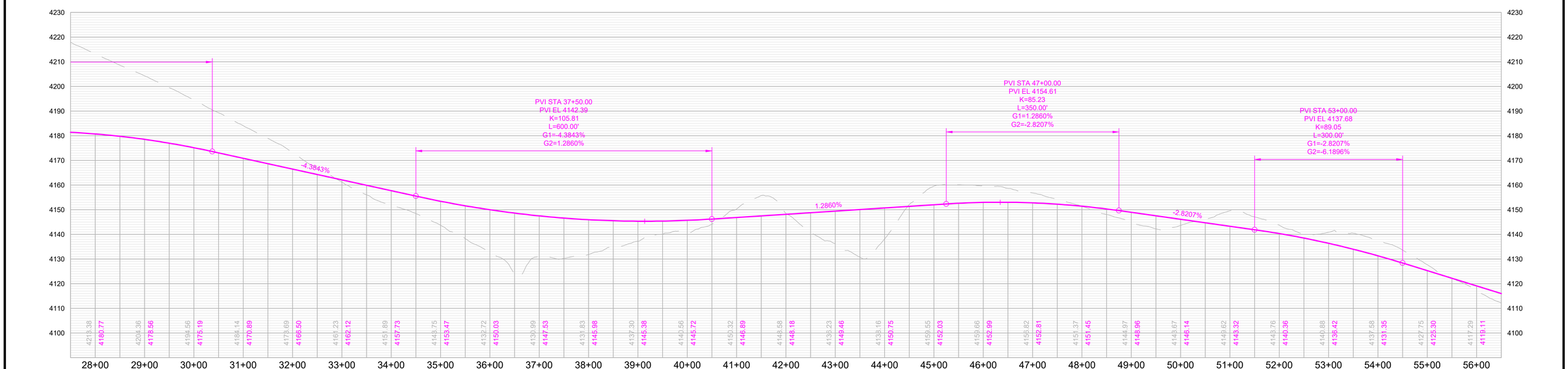
Hidden Valley Road

Western Terminus to Bittersweet Rd

SHEET

1 of 3





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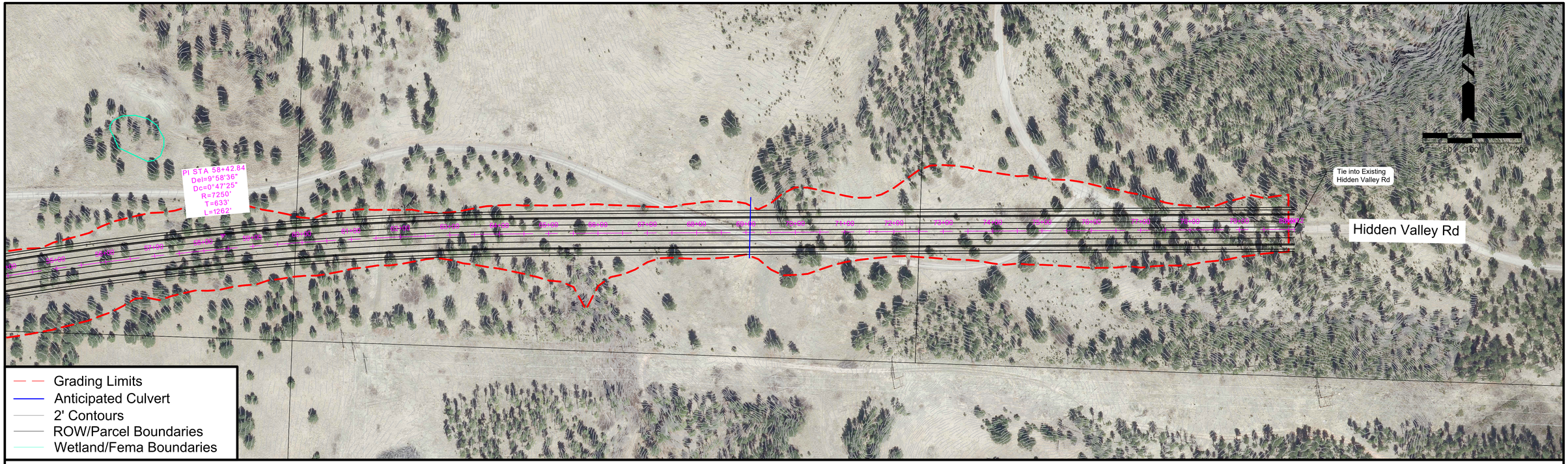
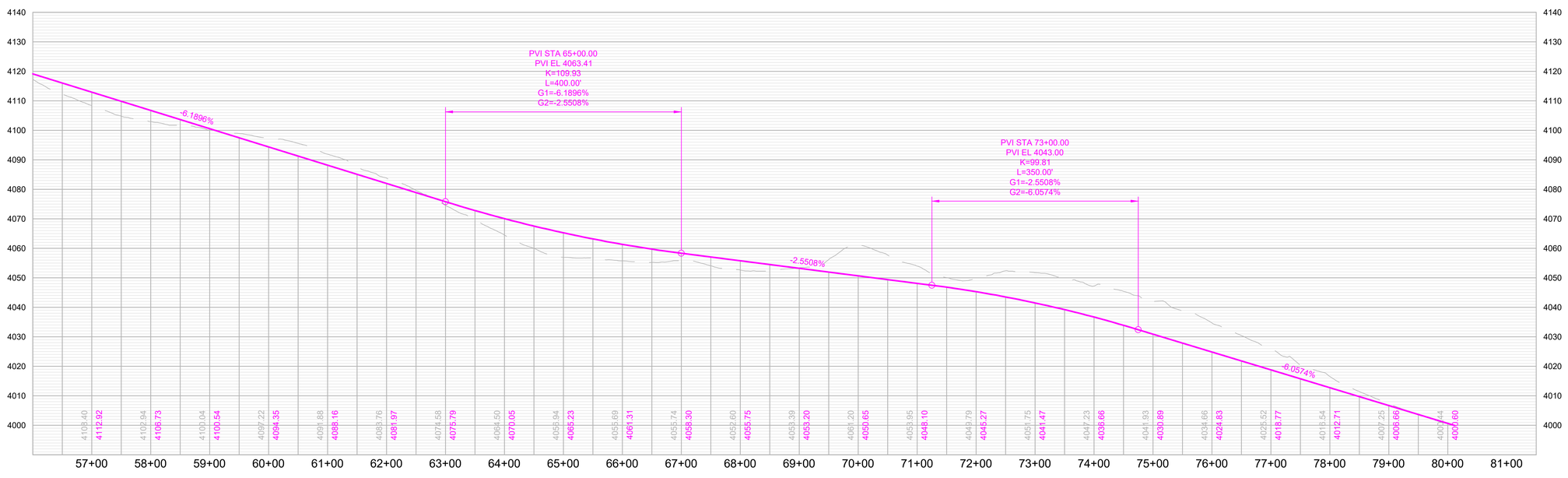
Hidden Valley Road

Western Terminus to Bittersweet Rd

SHEET

2 of 3





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Hidden Valley Road

Western Terminus to Bittersweet Rd

Segment ID: 21

Sun Ridge Road

Western Terminus to Bittersweet Road

Classification: Collector

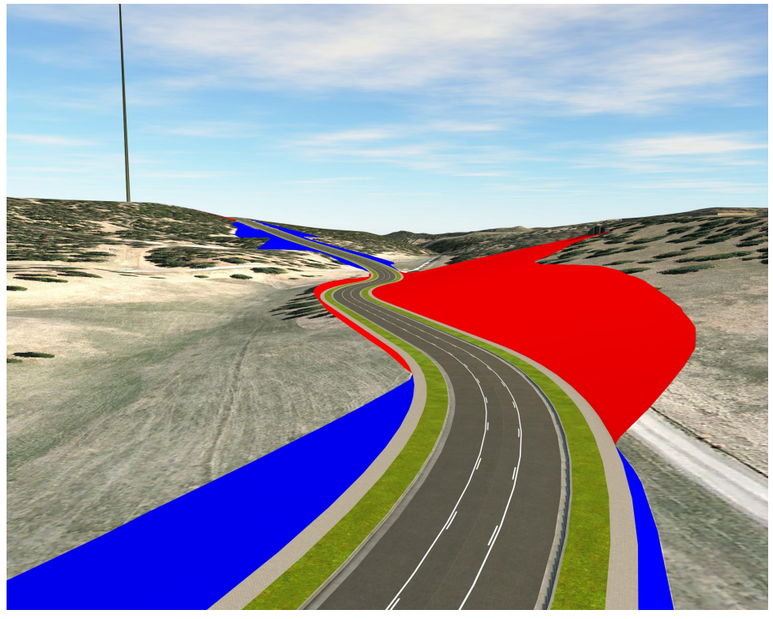
Corridor Length: 4,710 FT

Estimated Quantities

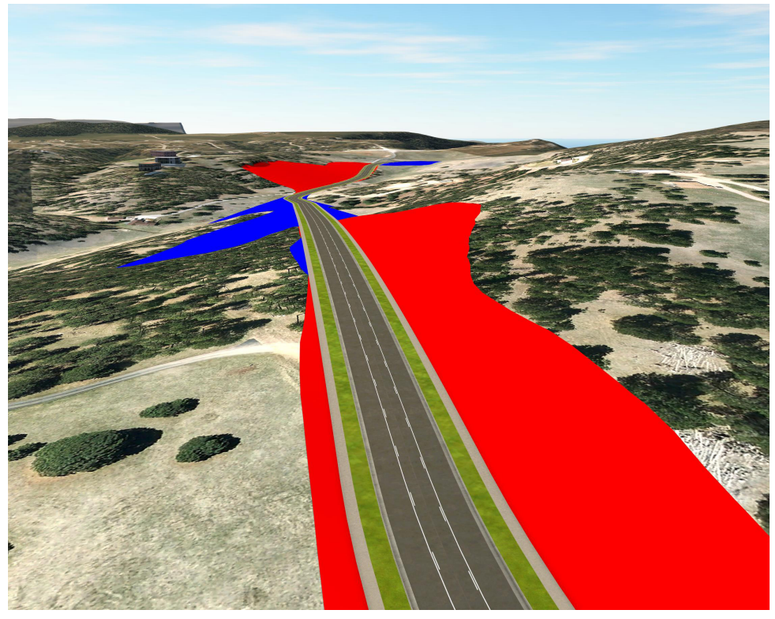
- **Road Surface:** 16,747 SY
- **Earthwork Cut (Red):** 626,045 CY
- **Earthwork Fill (Blue):** 294,824 CY

Segment Considerations:

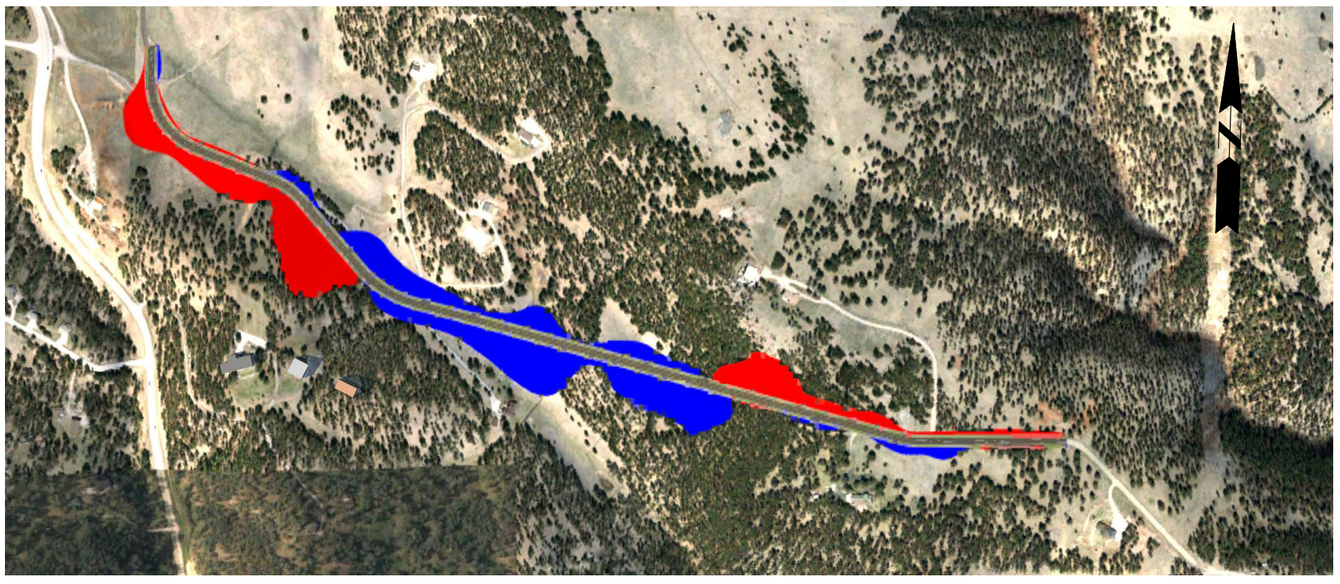
- Design speed – 35 MPH.



Isometric looking east at station 3+00



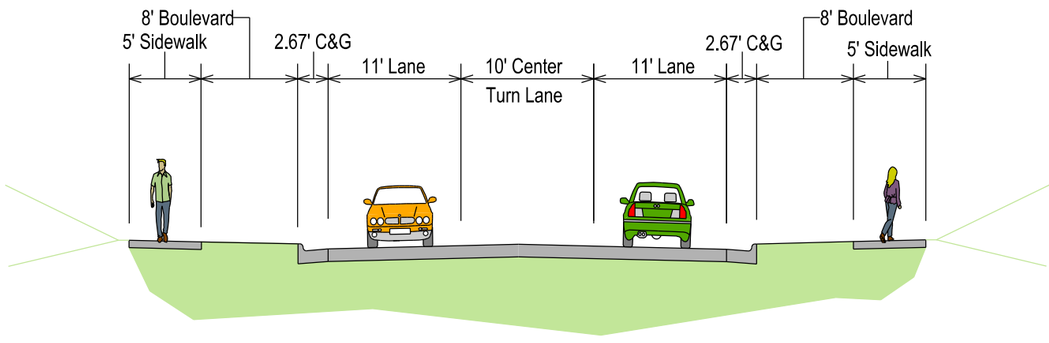
Isometric looking west at station 46+00

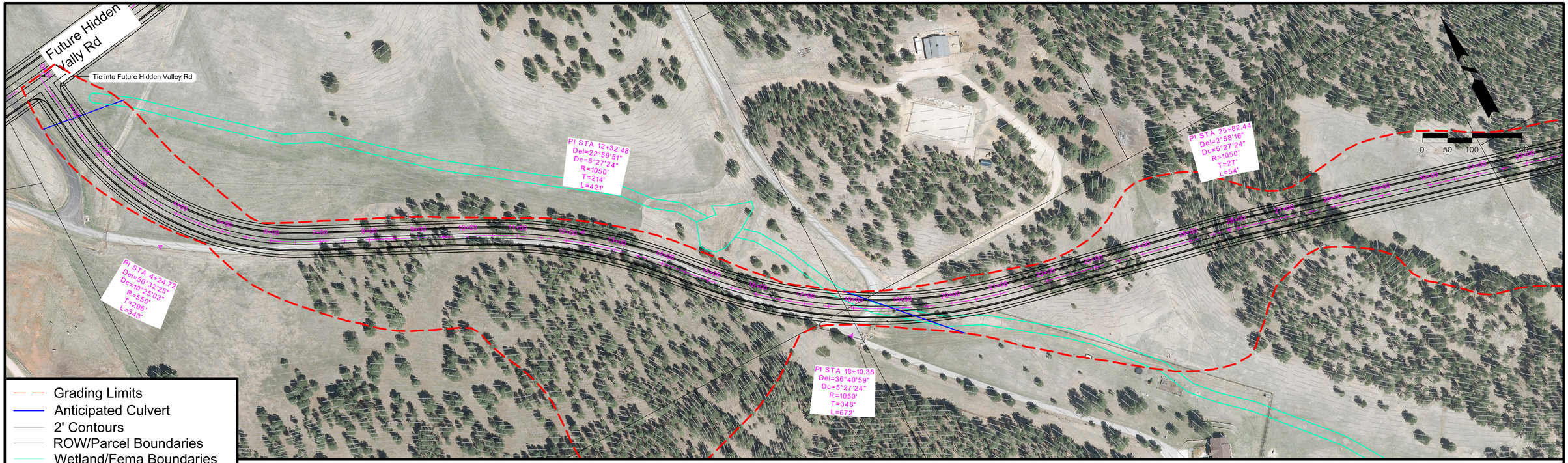


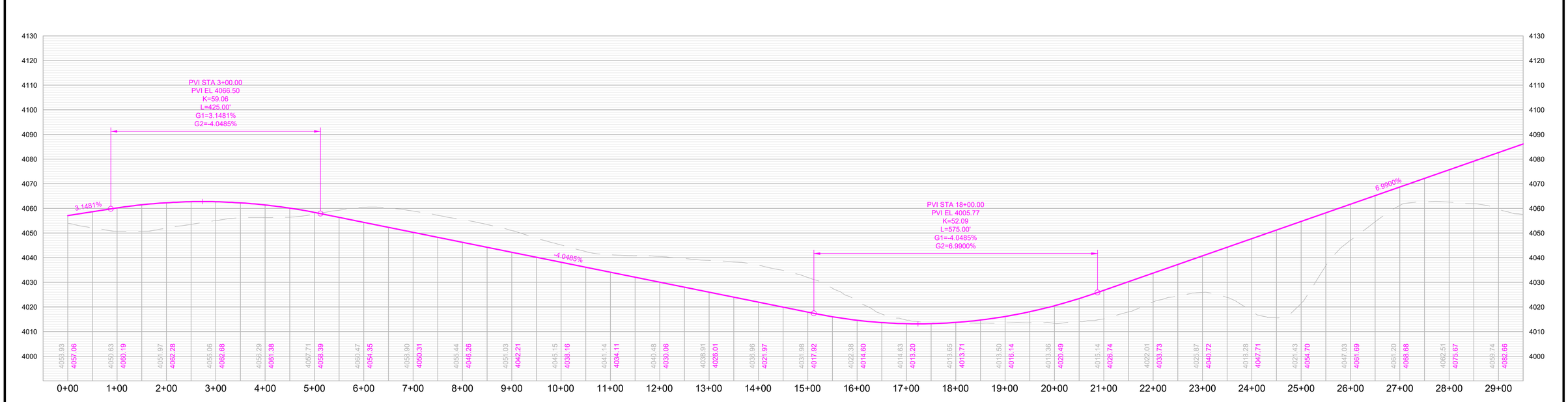
Segment Overview

Proposed Typical Section

3 Lane Collector







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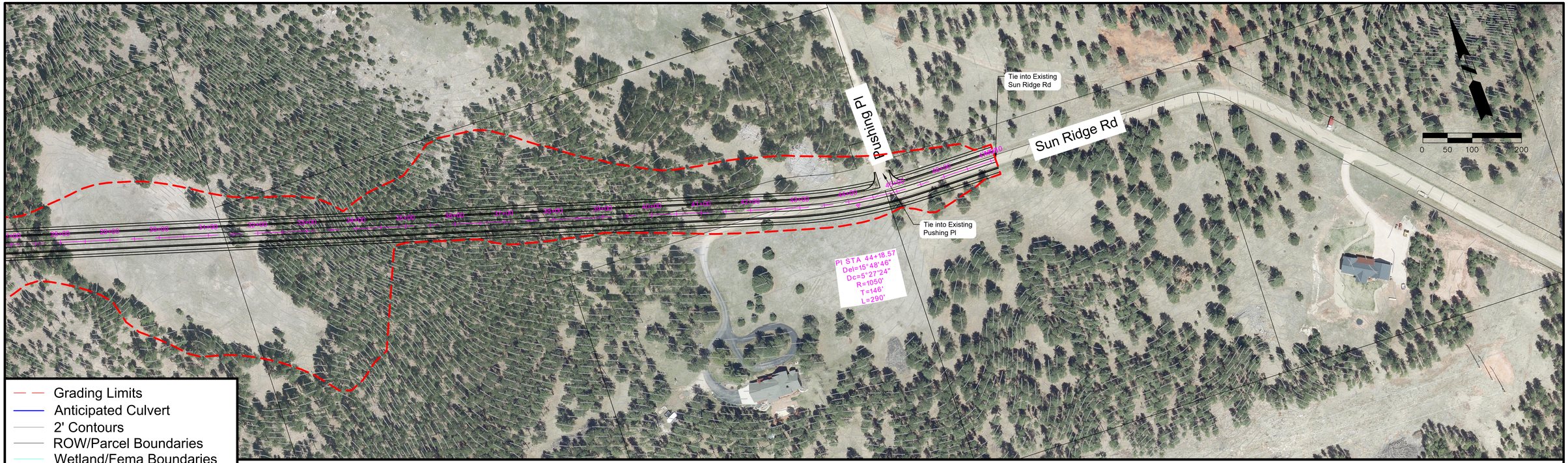
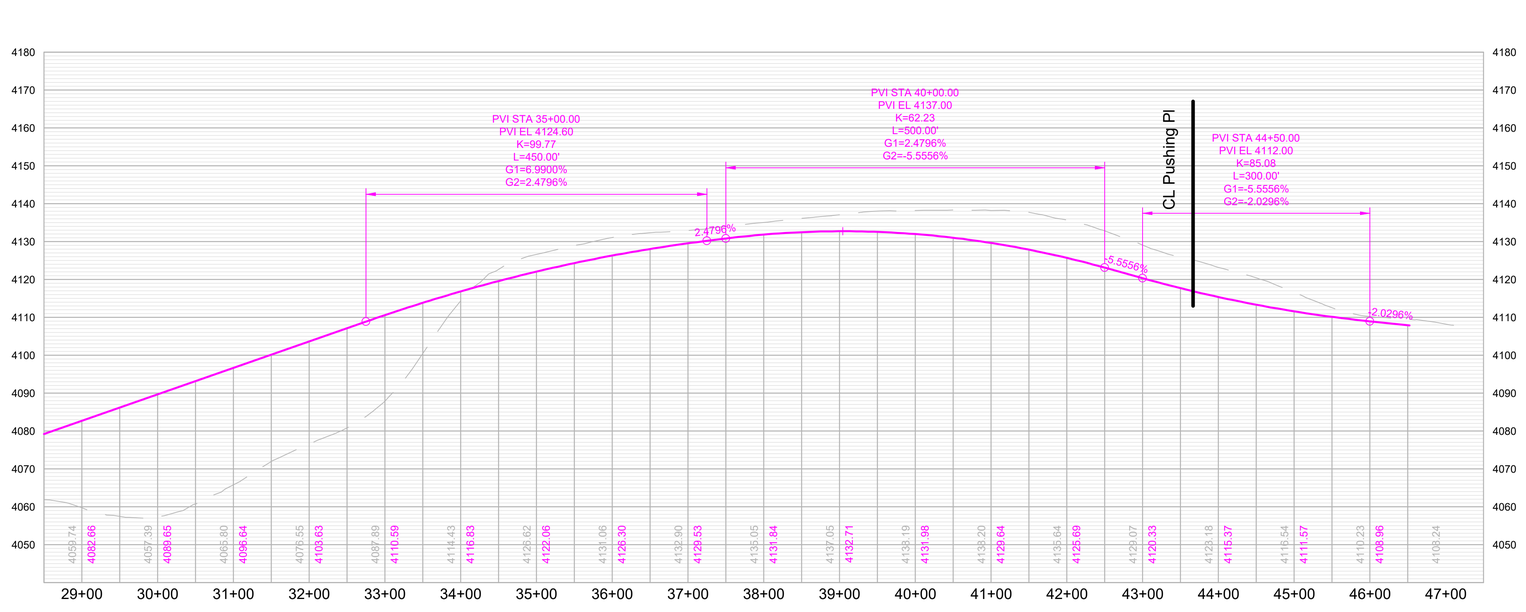
Sun Ridge Road

Western Terminus to Bittersweet Rd

SHEET

1 of 2





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Sun Ridge Road

Western Terminus to Bittersweet Rd

SHEET

2 of 2

Anamosa Street
I-190 to Commerce Road

Classification: Minor Arterial

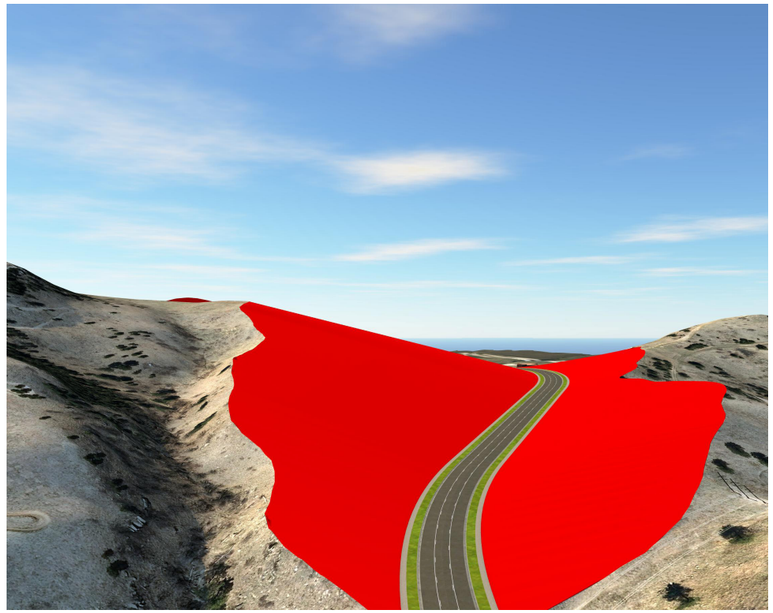
Corridor Length: 7,030 FT

Estimated Quantities

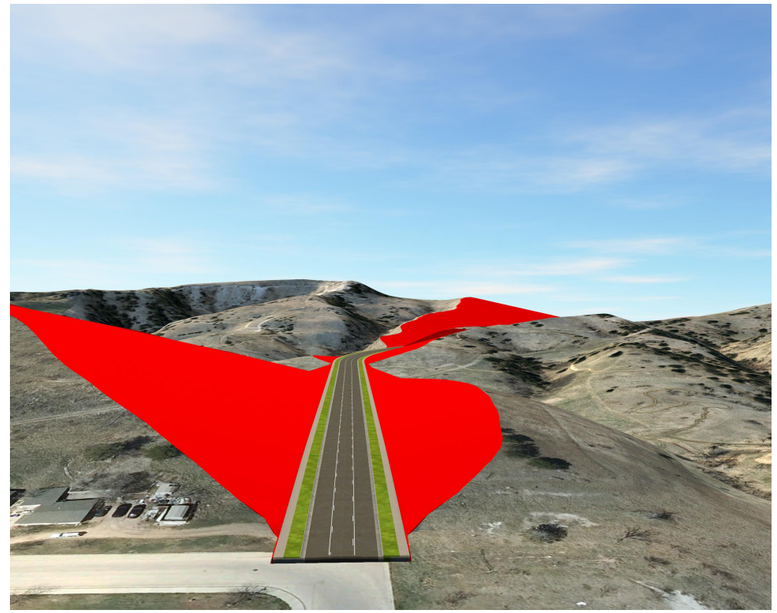
- **Road Surface:** 28,120 SY
- **Earthwork Cut (Red):** 4,220,897 CY
- **Earthwork Fill (Blue):** 221,428 CY

Segment Considerations:

- Significant cut required to maintain design criteria from station 35+00 to 53+00. Increasing grade criteria to 10% max still results in excess of 100' cuts in this controlling area.
- Design speed – 45 MPH.



Isometric looking west at station 53+00

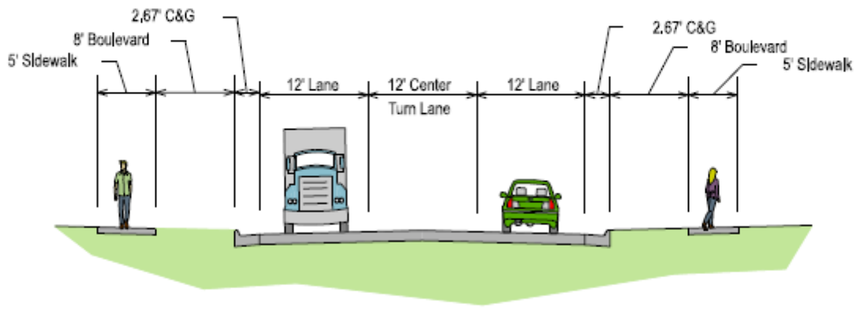


Isometric looking west at station 71+00

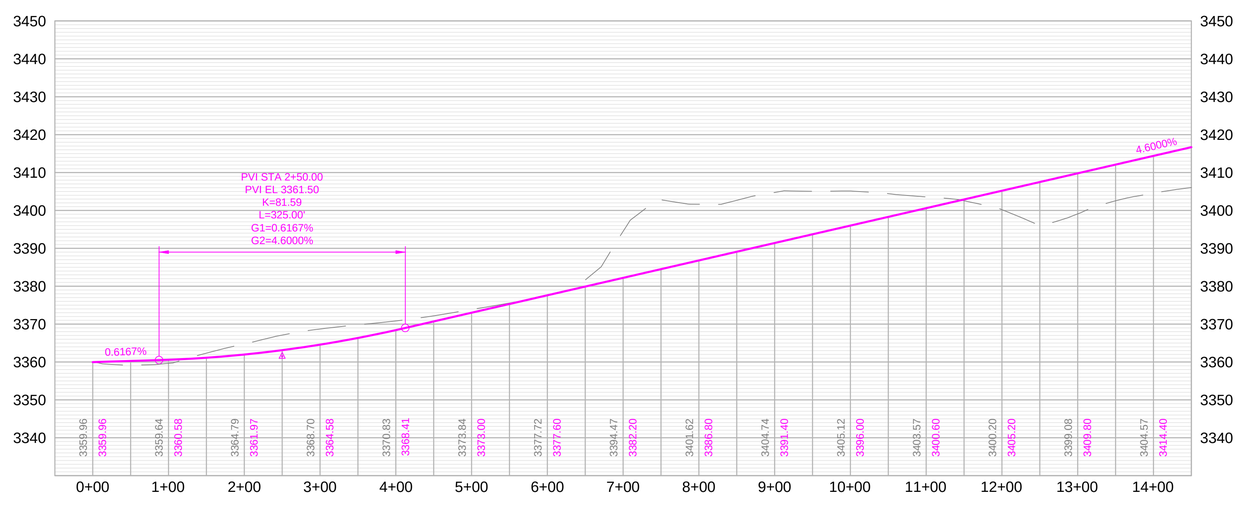


Segment Overview

Proposed Typical Section
3 Lane Minor Arterial







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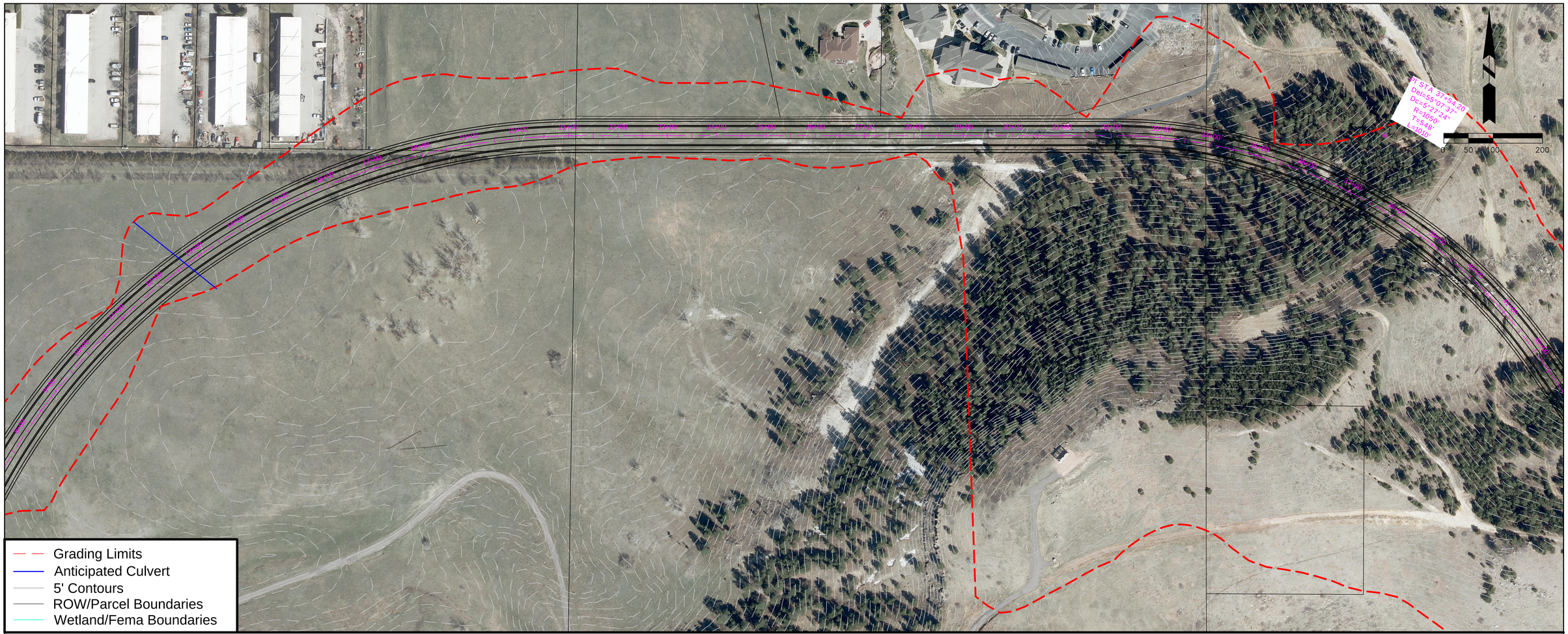
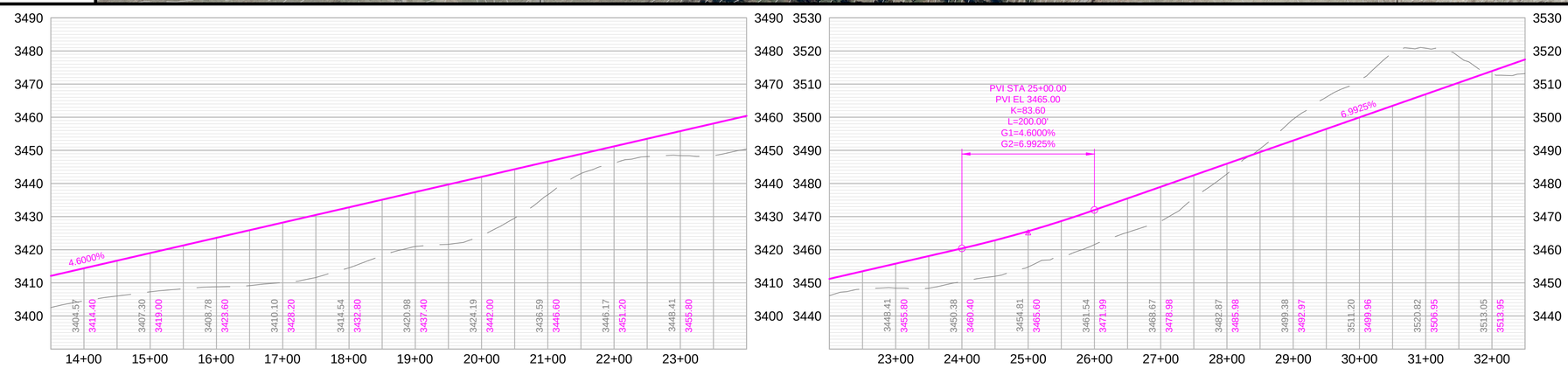
Anamosa Street

I-190 to Commerce Rd

SHEET

1 of 6





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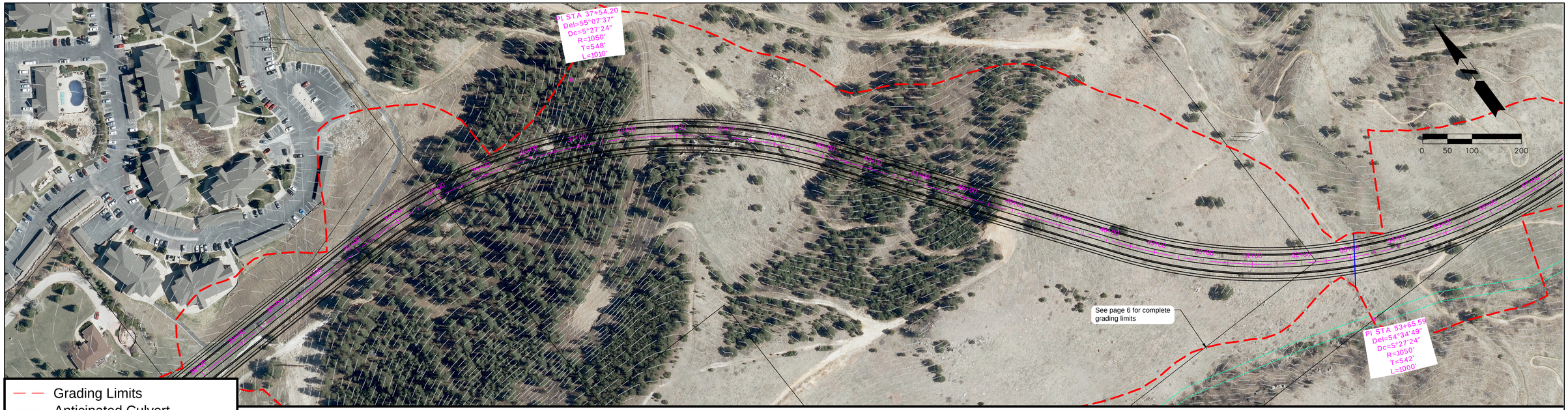
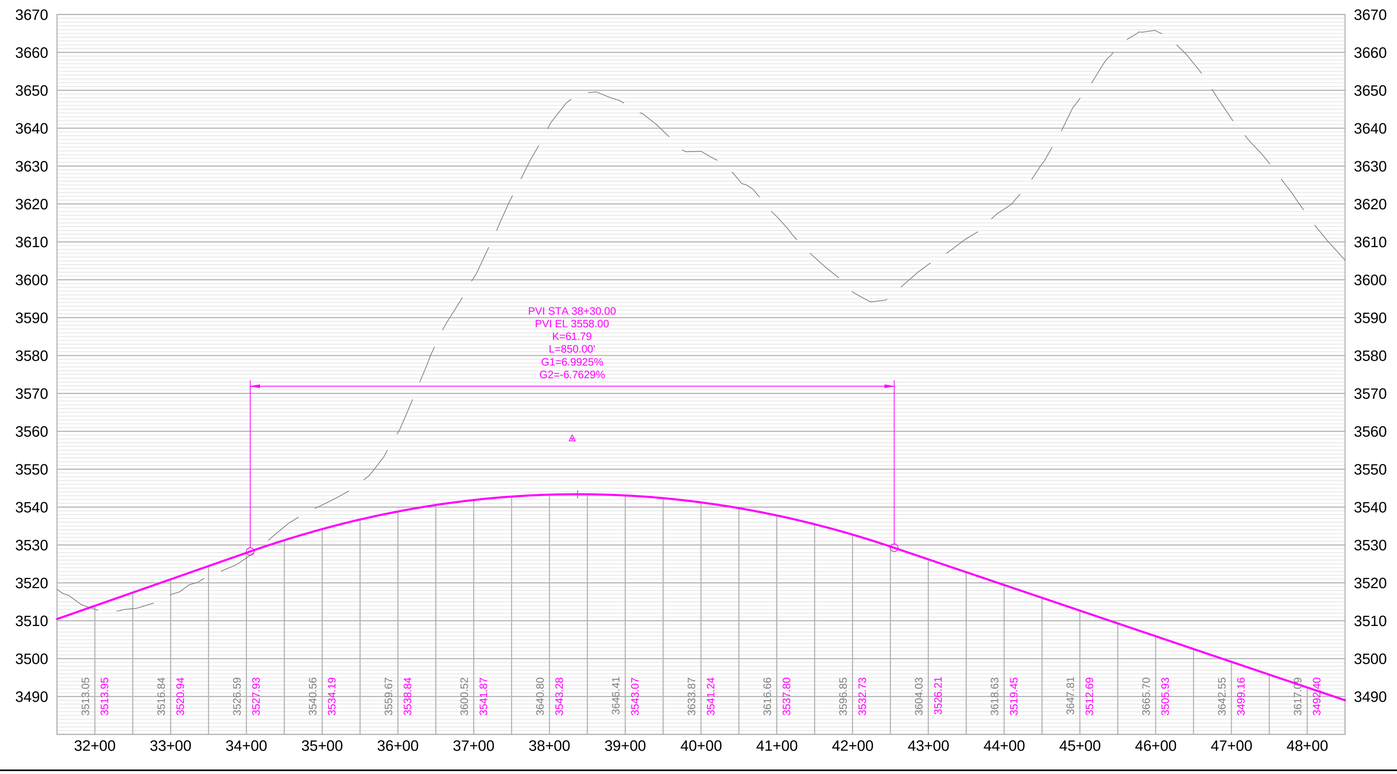
Anamosa Street

I-190 to Commerce Rd





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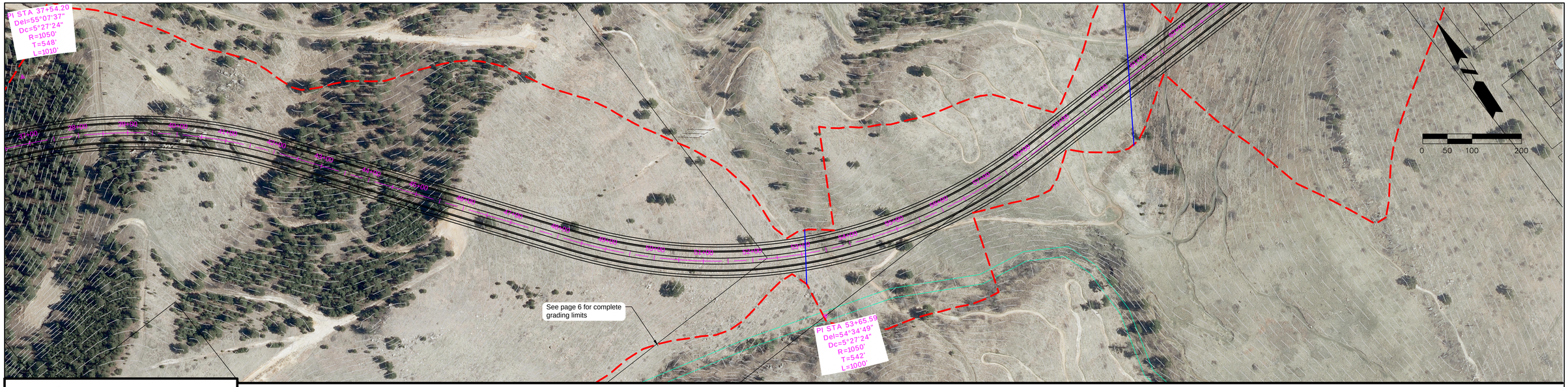
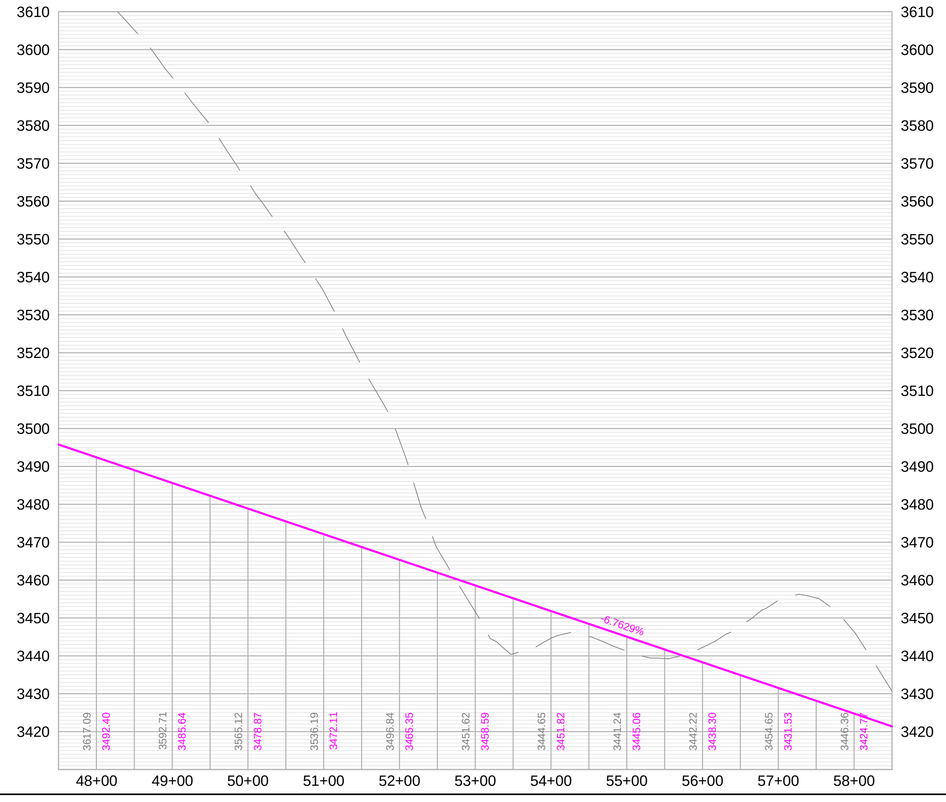
Anamosa Street

I-190 to Commerce Rd



- Grading Limits
- Anticipated Culvert
- 5' Contours
- ROW/Parcel Boundaries
- Wetland/Fema Boundaries



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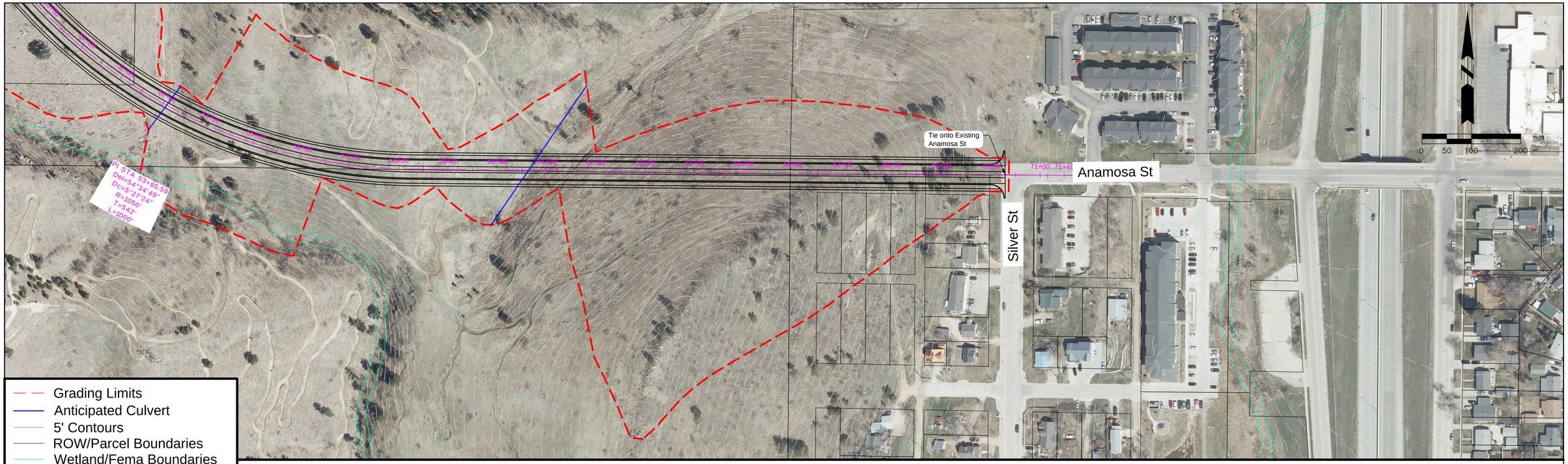
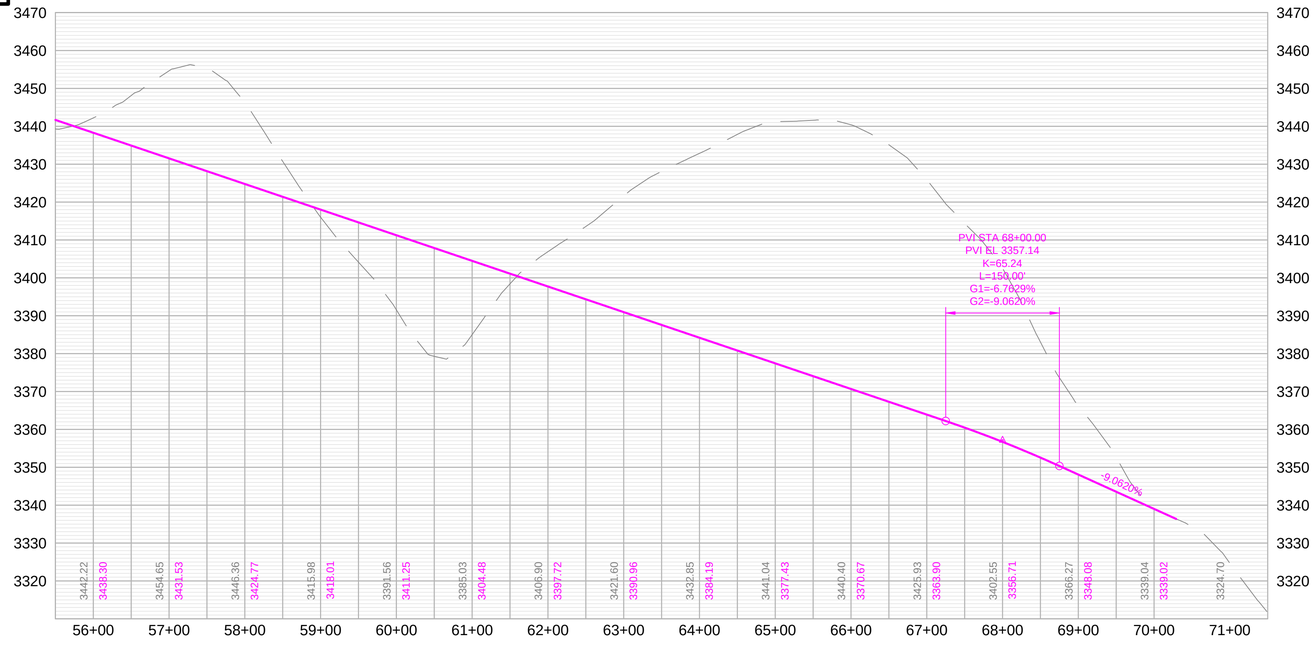
Anamosa Street

I-190 to Commerce Rd





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Anamosa Street

I-190 to Commerce Rd

PI STA 37+54.20
Del=55°07'37"
Dc=5°27'24"
R=1050'
T=548'
L=1010'

PI STA 53+65.59
Del=54°34'49"
Dc=5°27'24"
R=1050'
T=542'
L=1000'

See page 6 for complete grading limits

0 50 100 200

- Grading Limits
- Anticipated Culvert
- 5' Contours
- ROW/Parcel Boundaries
- Wetland/Fema Boundaries

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Anamosa Street

I-190 to Commerce Rd

Segment ID: 27

Bethpage Drive

Western Terminus to Sheridan Lake Road

Classification: Collector

Corridor Length: 8,885 FT

Estimated Quantities

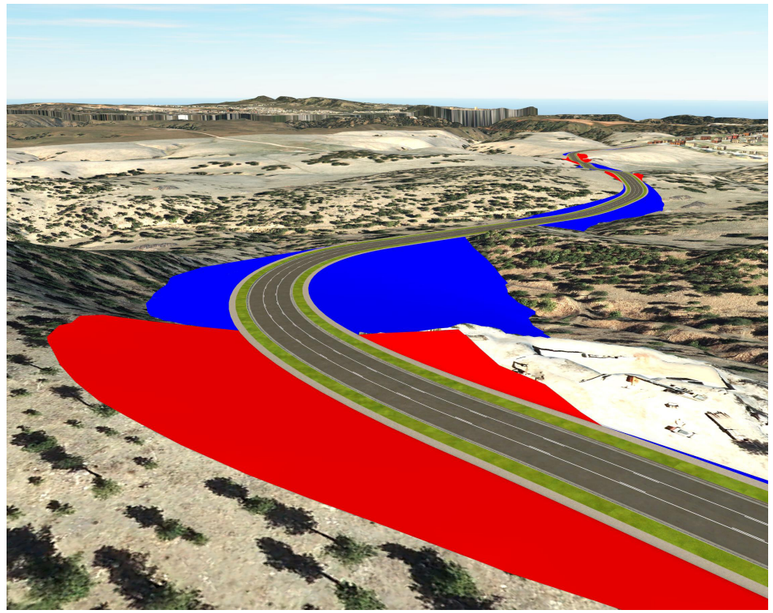
Road Surface: 31,592 SY

Earthwork Cut (Red): 72,507 CY

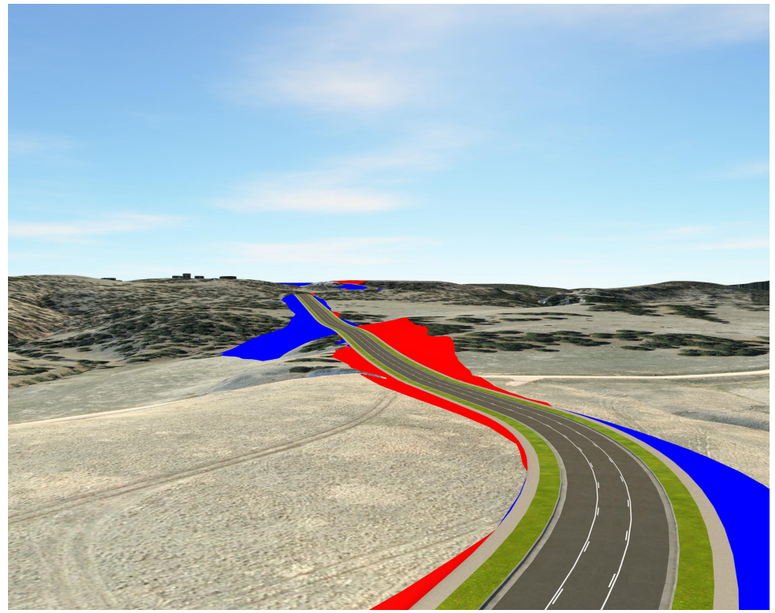
Earthwork Fill (Blue): 814,509 CY

Segment Considerations:

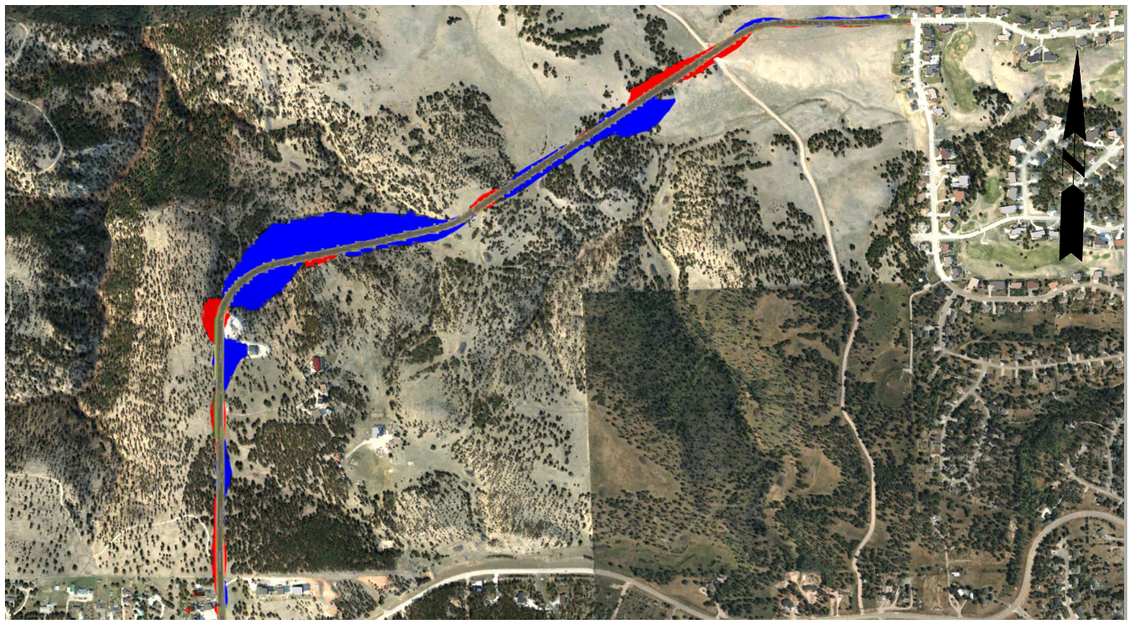
- Proposed profile is shown to match existing grade near Sheridan Lake Road to minimize existing property impacts.
- Design speed – 35 MPH.



Isometric looking northeast at station 26+00



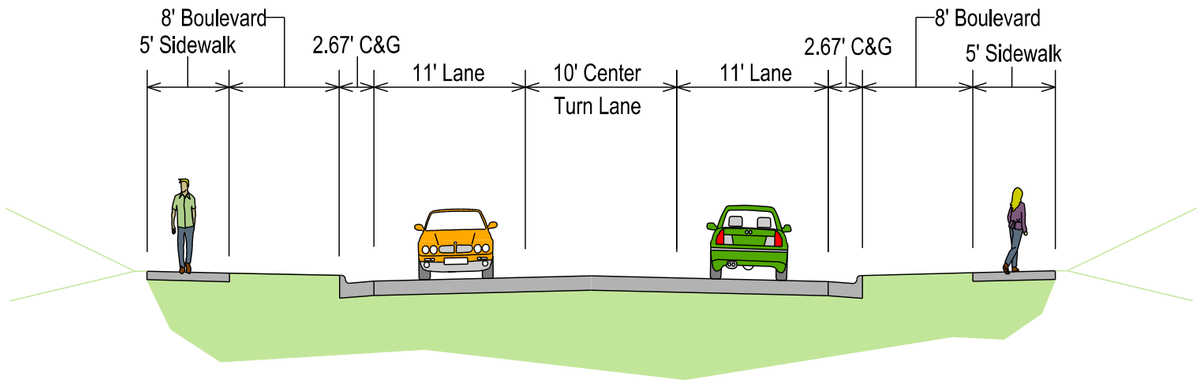
Isometric looking southwest at station 79+00



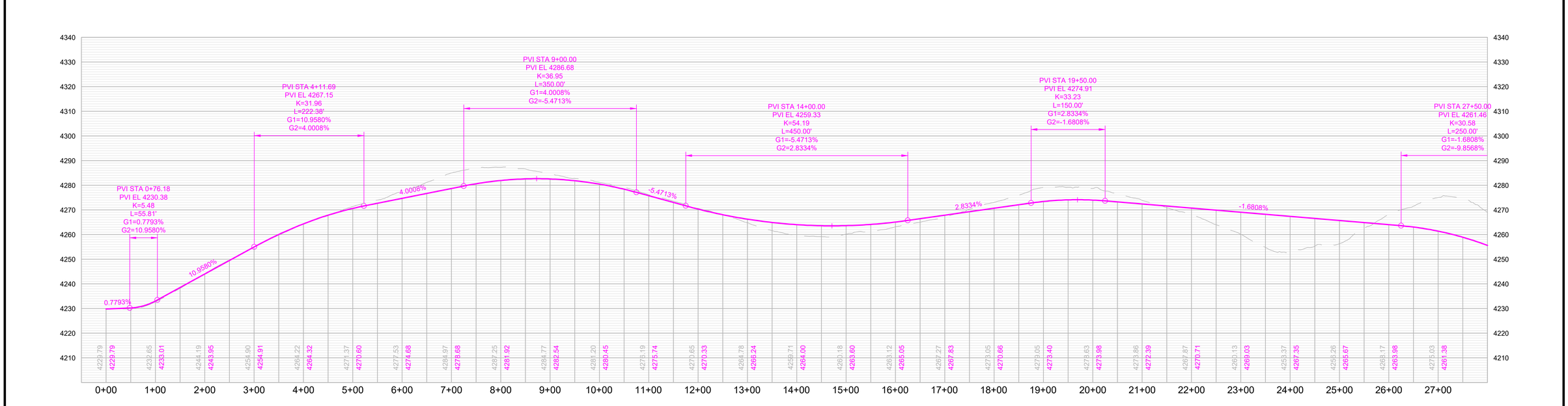
Segment Overview

Proposed Typical Section

3 Lane Collector







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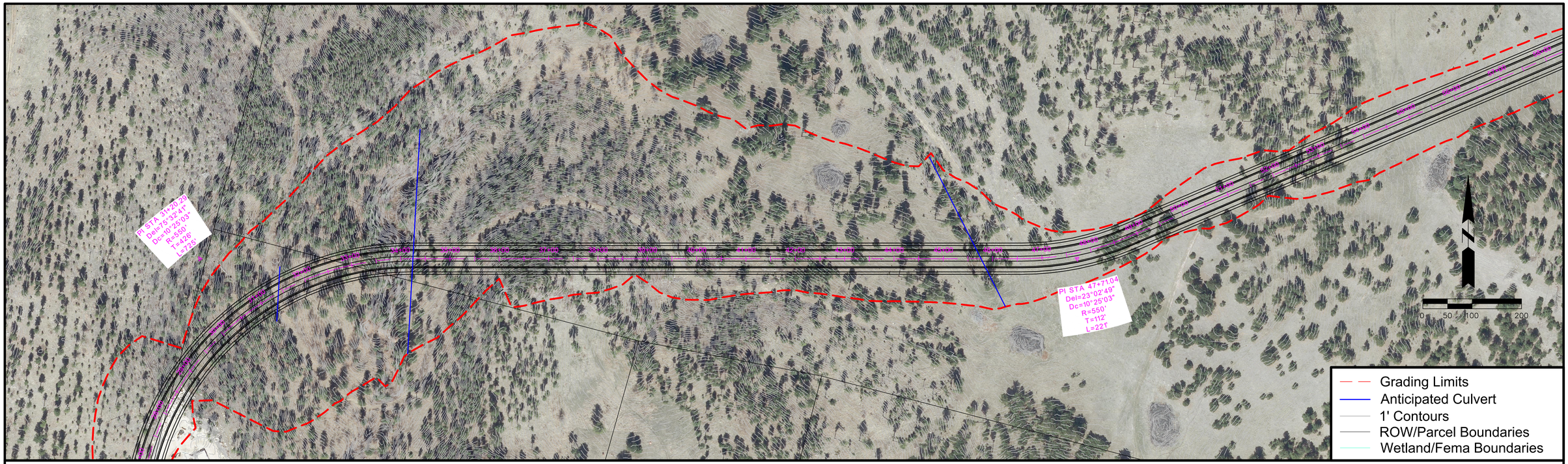
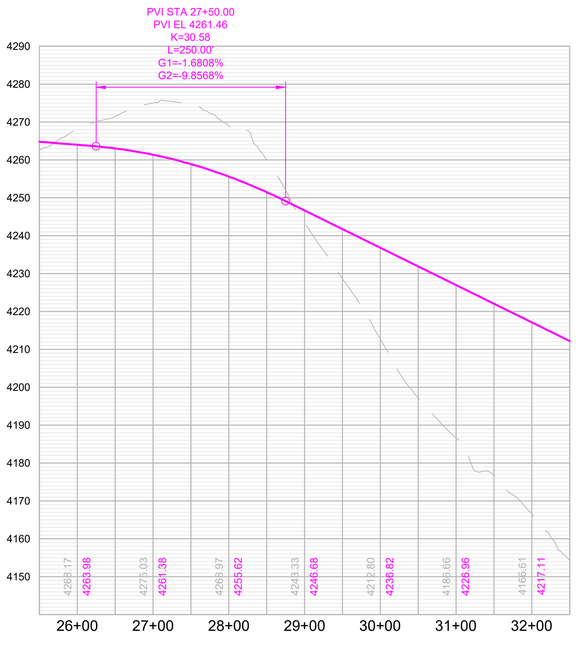
Bethpage Drive

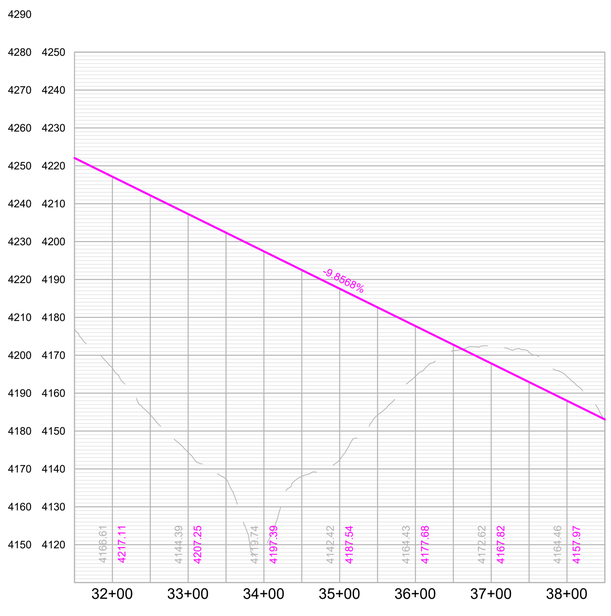
Western Terminus to Sheridan Lake Rd

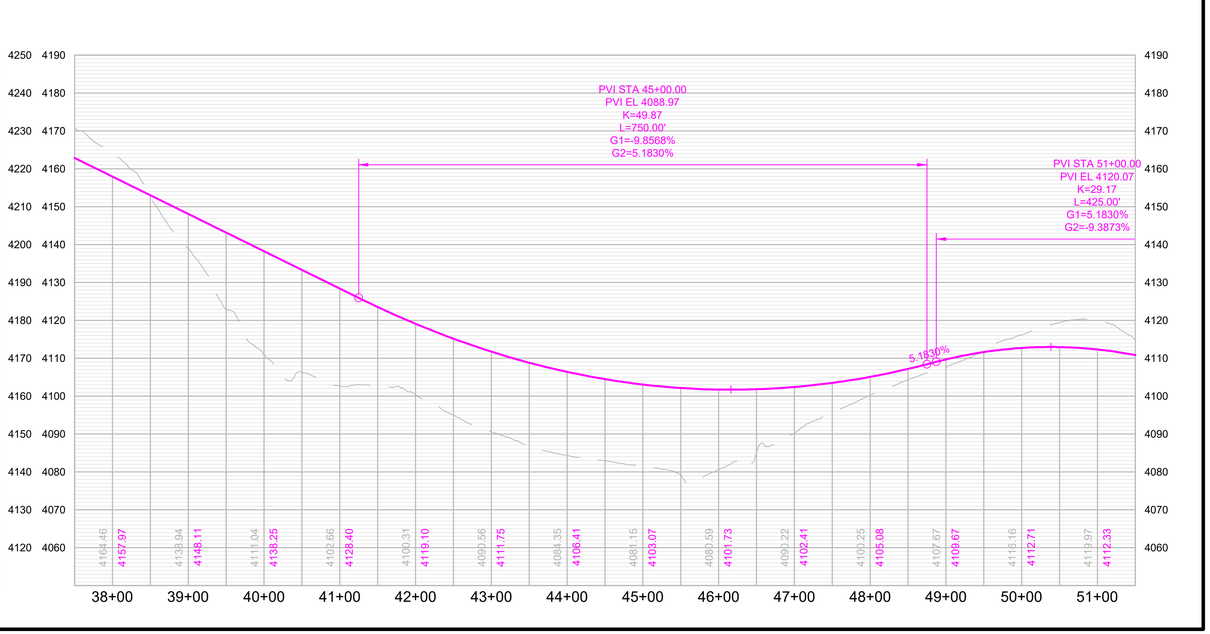
SHEET

1 of 4









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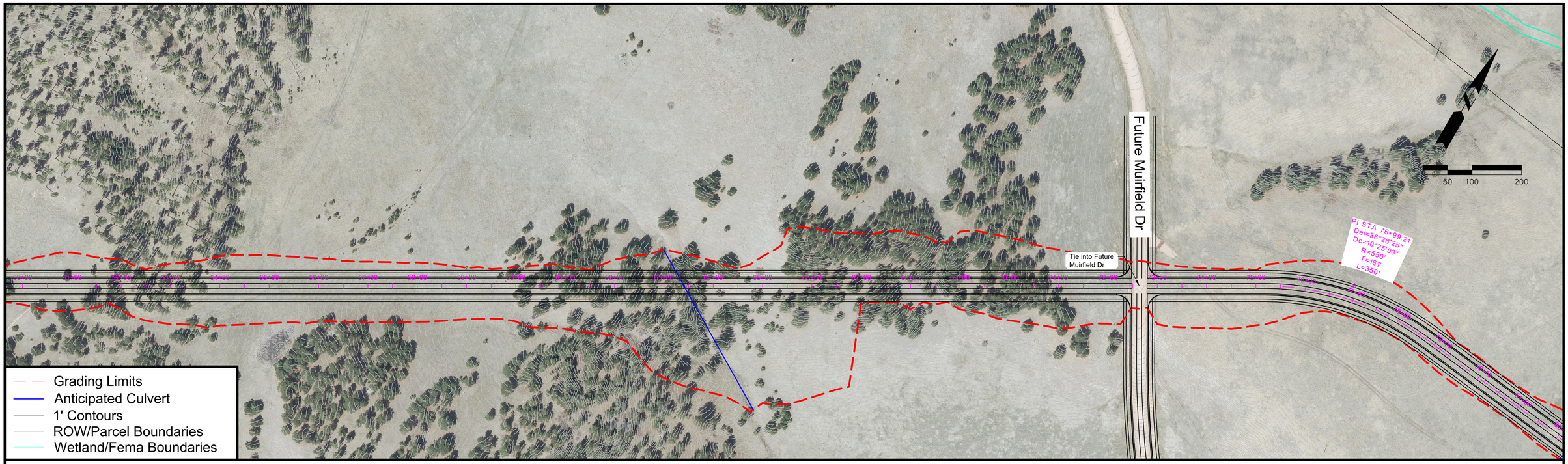
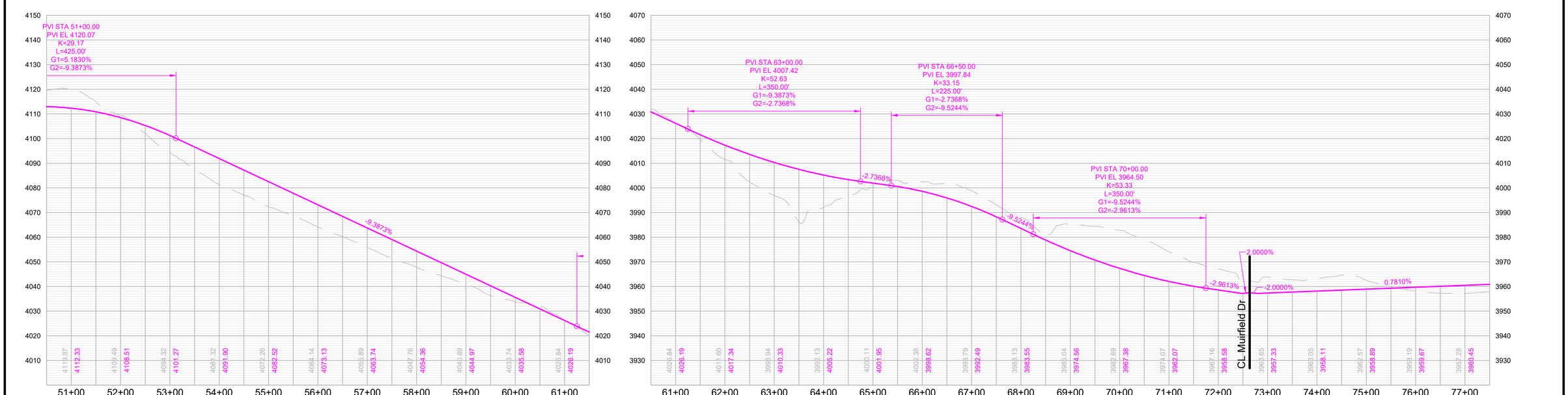
Bethpage Drive

Western Terminus to Sheridan Lake Rd





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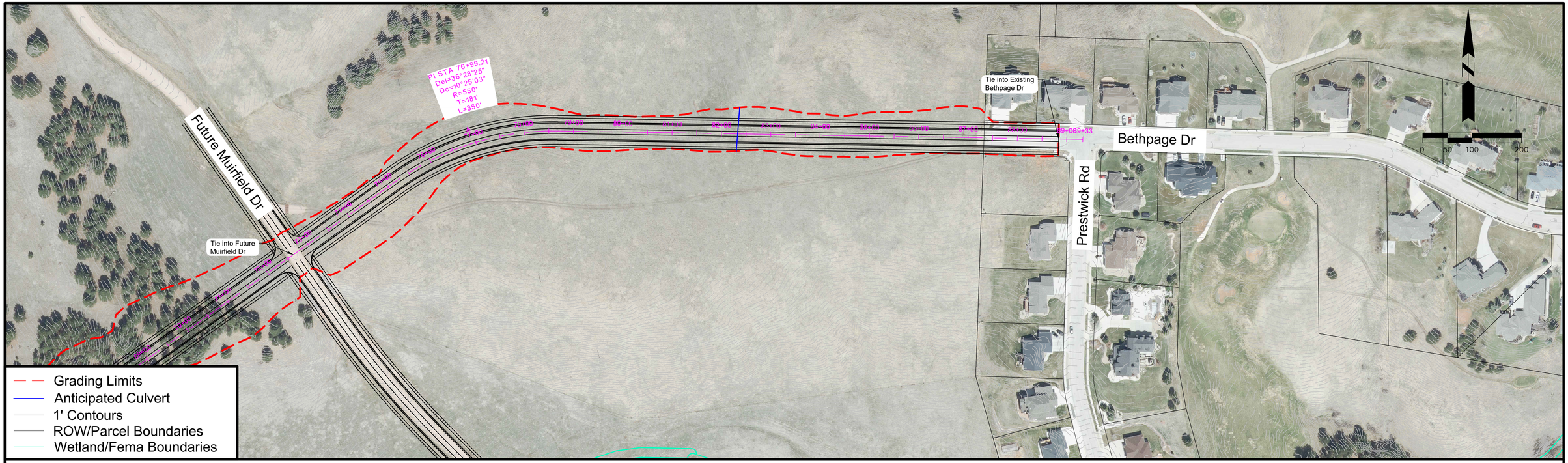
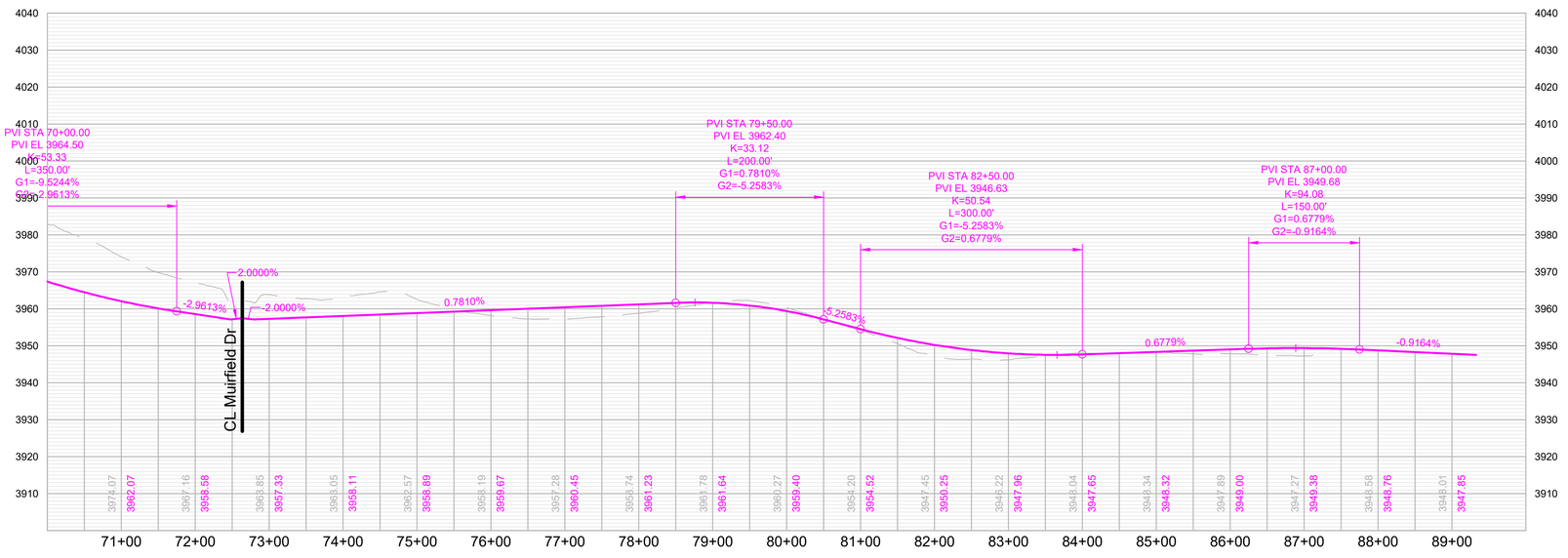
Bethpage Drive

Western Terminus to Sheridan Lake Rd

SHEET

3 of 4





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Bethpage Drive

Western Terminus to Sheridan Lake Rd

Segment ID: 28

Muirfield Drive

Western Terminus to Prestwick Road

Classification: Collector

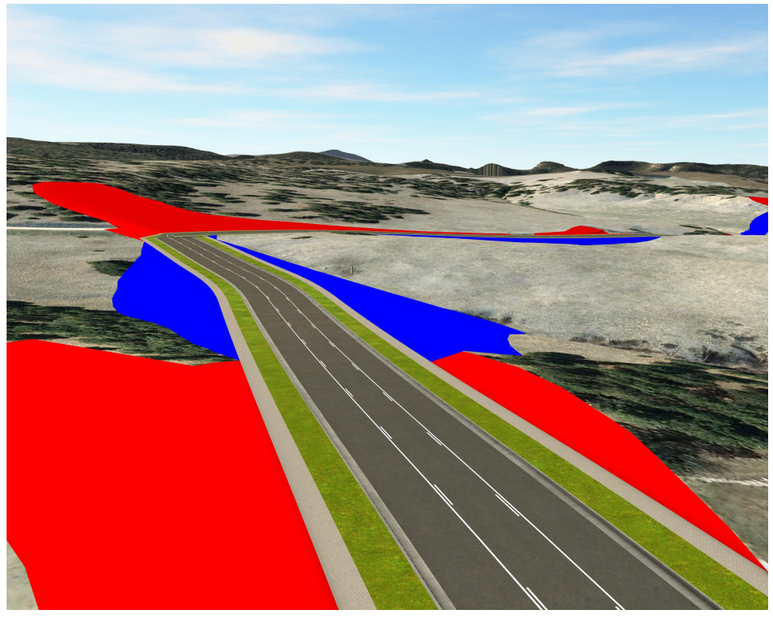
Corridor Length: 3,100 FT

Estimated Quantities

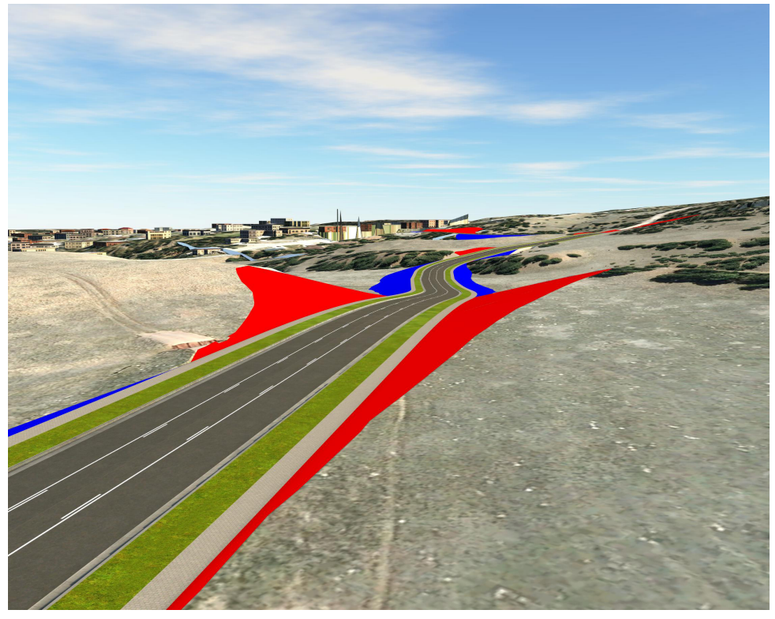
- **Road Surface:** 11,023 SY
- **Earthwork Cut (Red):** 31,831 CY
- **Earthwork Fill (Blue):** 67,057 CY

Segment Considerations:

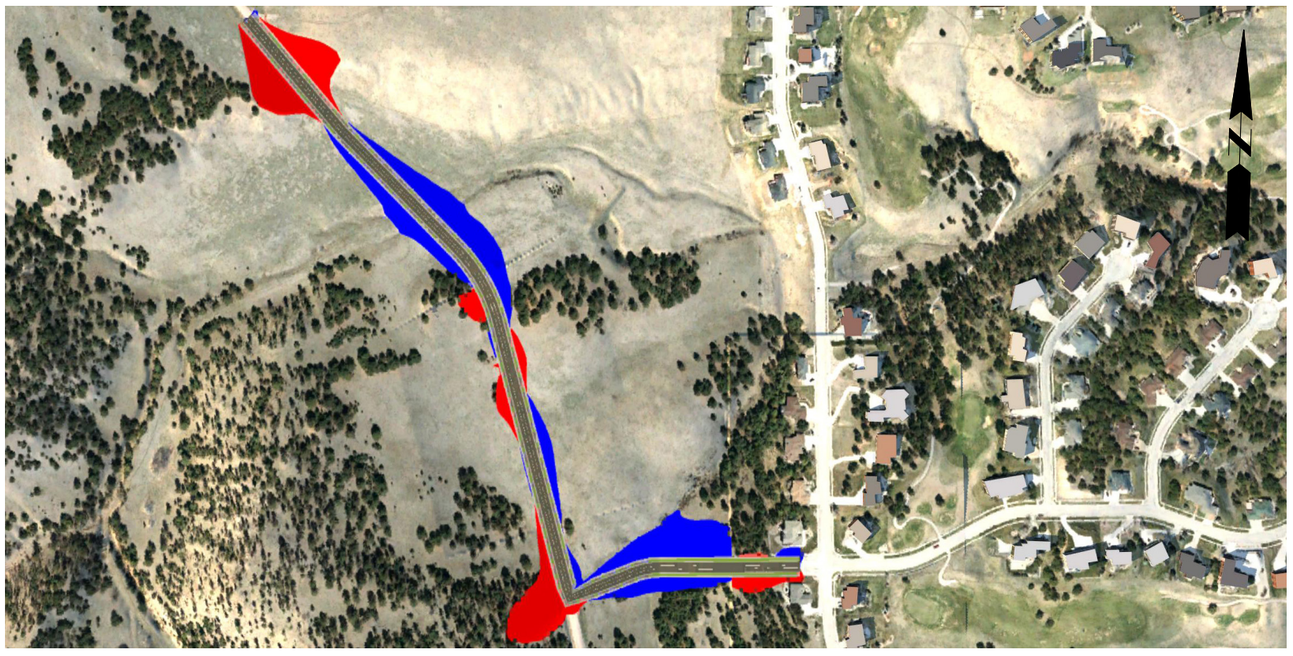
- Design speed – 35 MPH.



Isometric looking west at station 31+00



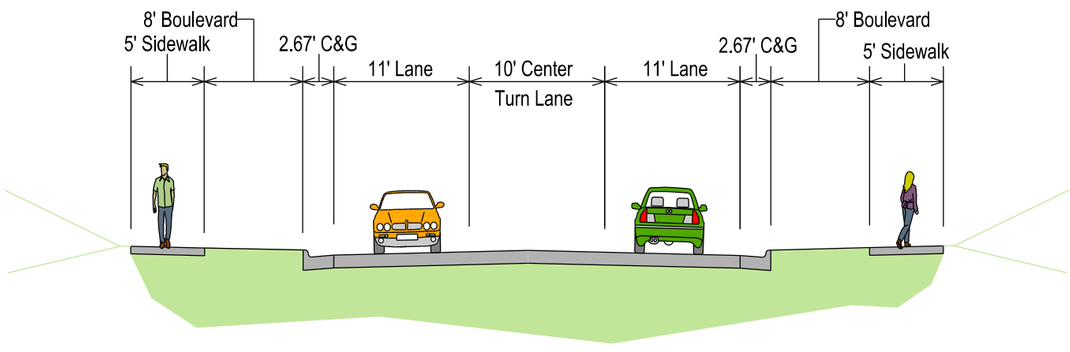
Isometric looking southeast at station 2+00

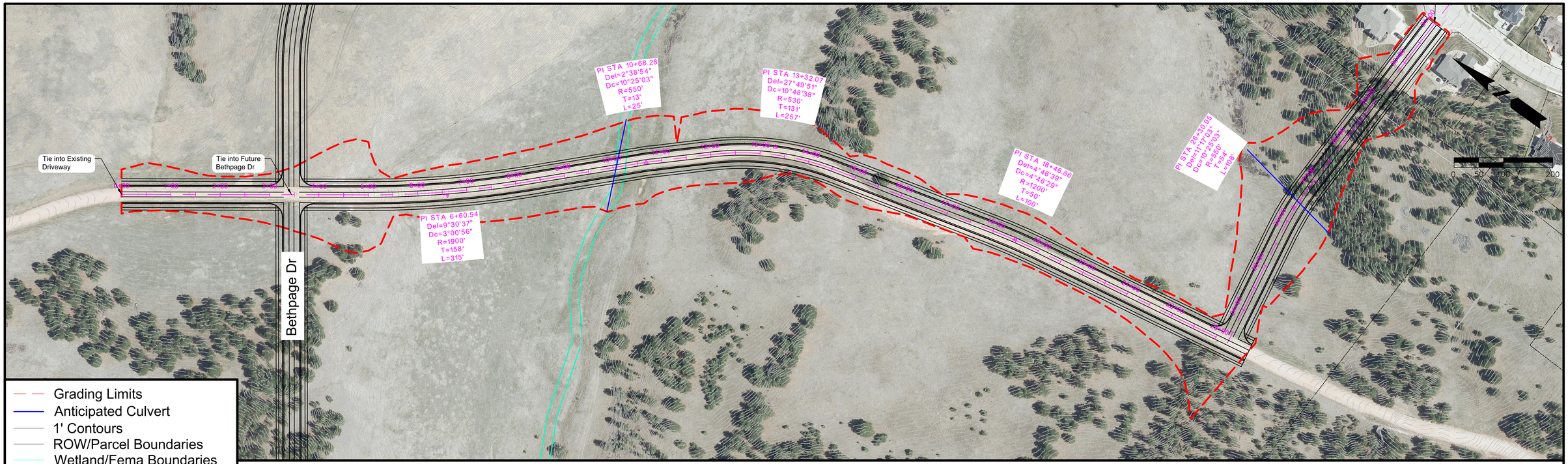


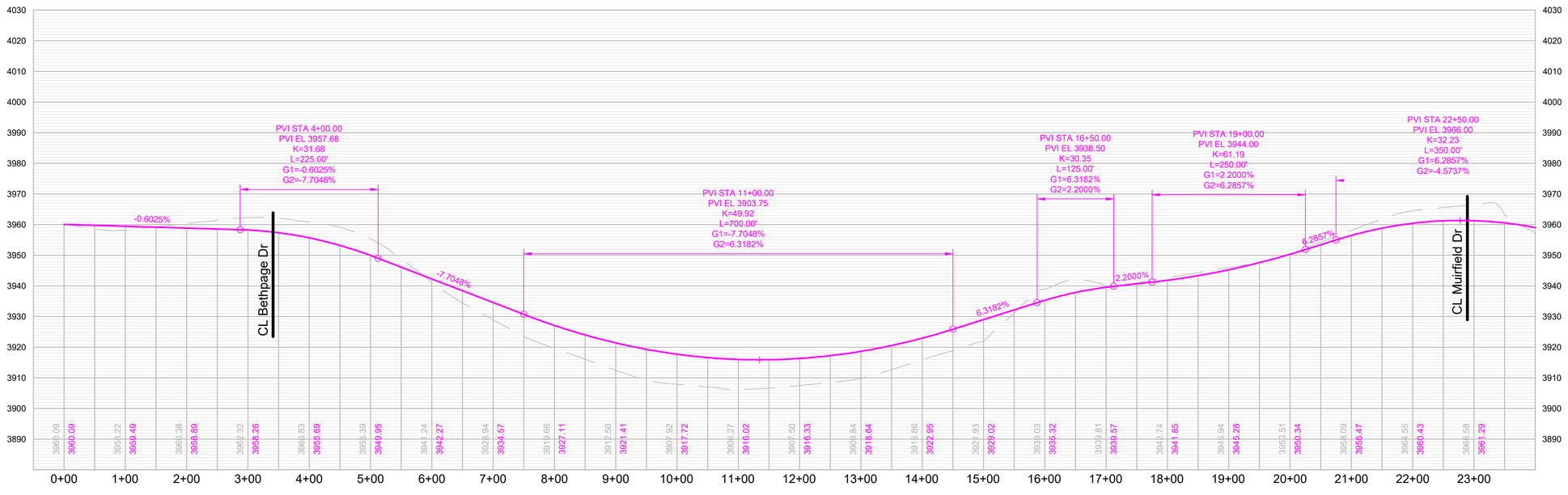
Segment Overview

Proposed Typical Section

3 Lane Collector







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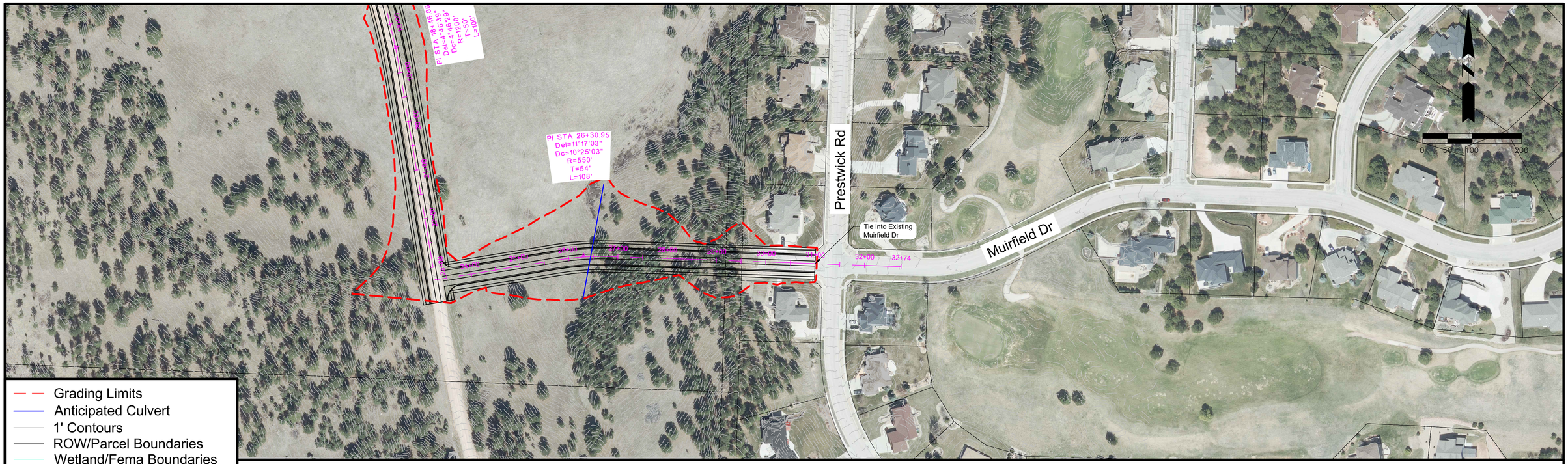
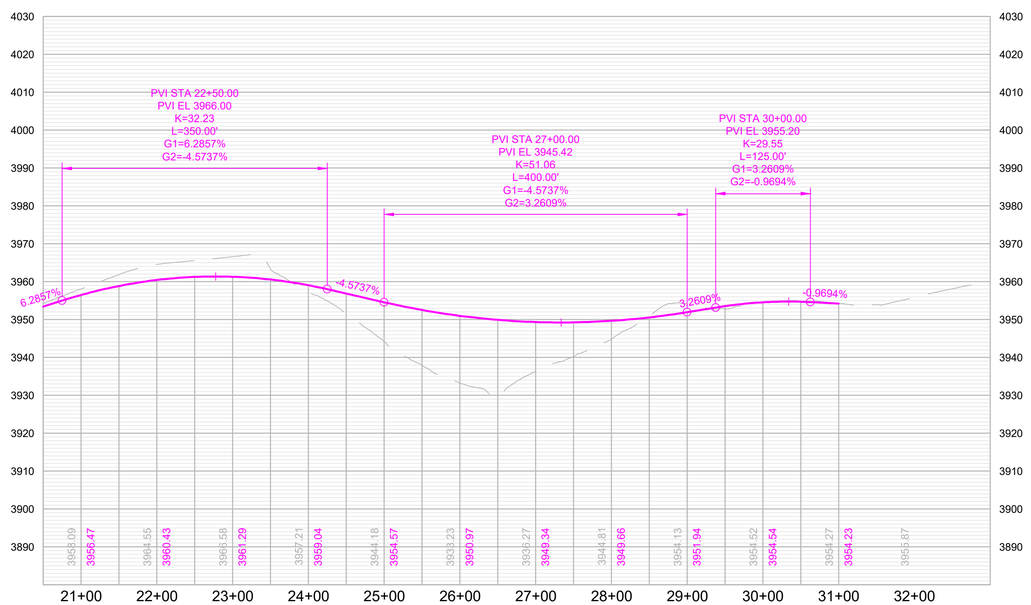
Muirfield Drive

Western Terminus to Prestwick Rd

SHEET

1 of 2





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Muirfield Drive

Western Terminus to Prestwick Rd

SHEET

2 of 2