

E Anamosa Street

Elk Vale Road to Radar Hill Road

Classification: Principal Arterial

Corridor Length: 15,910 FT

Estimated Quantities

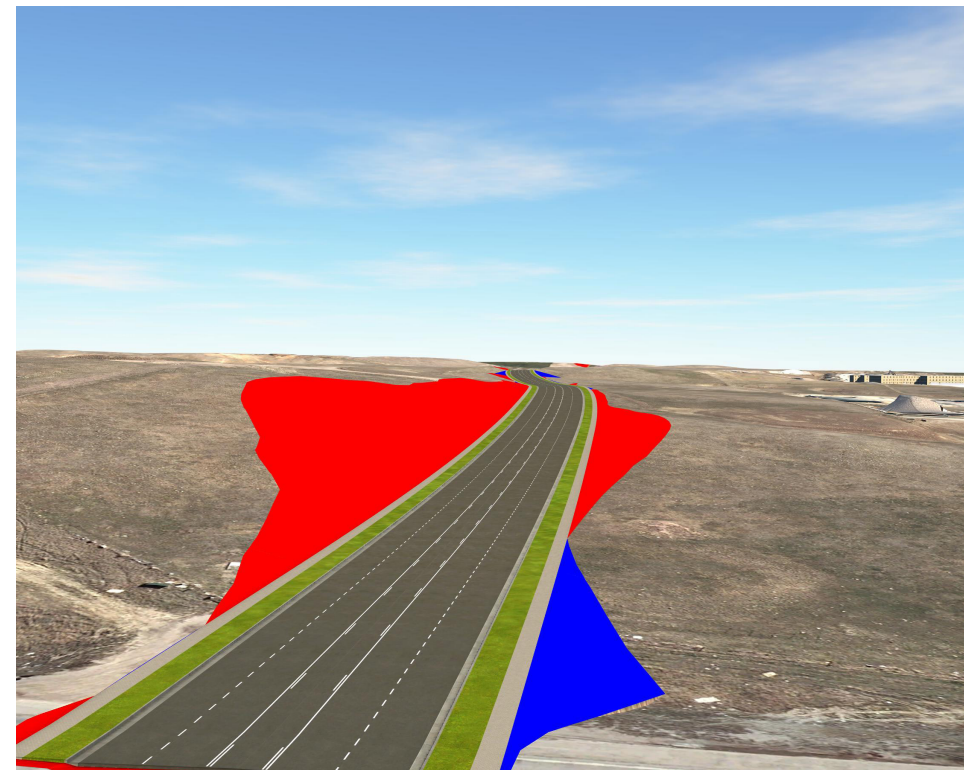
Road Surface: 157,934 SY

Earthwork Cut (Red): 405,392 CY

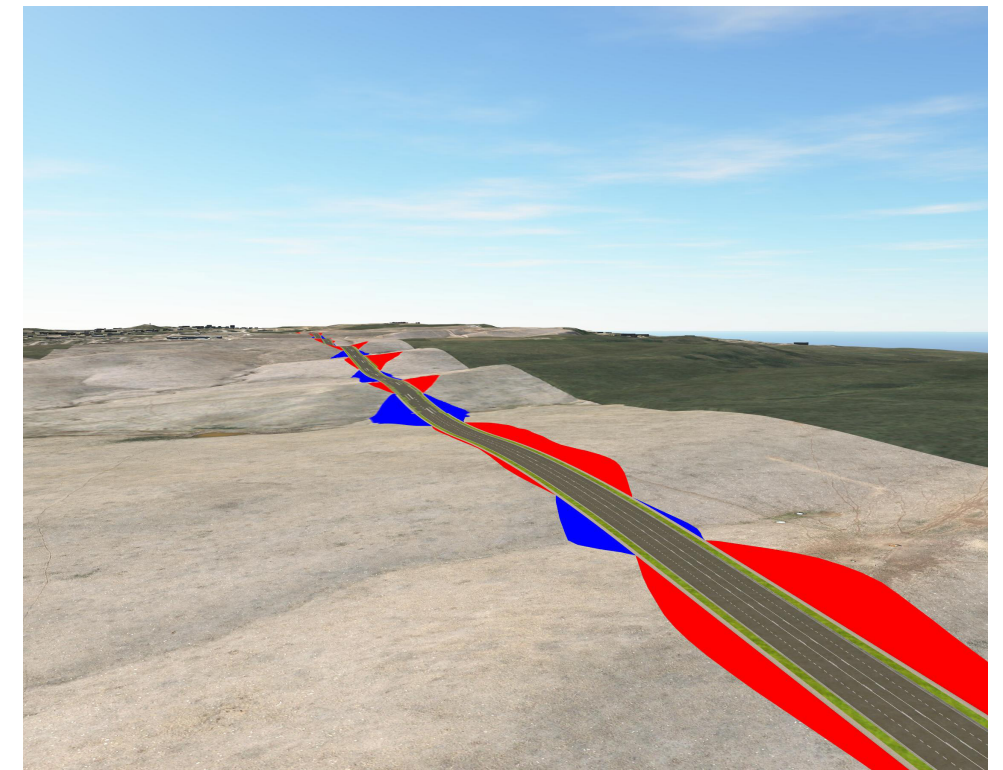
Earthwork Fill (Blue): 436,061 CY

Segment Considerations:

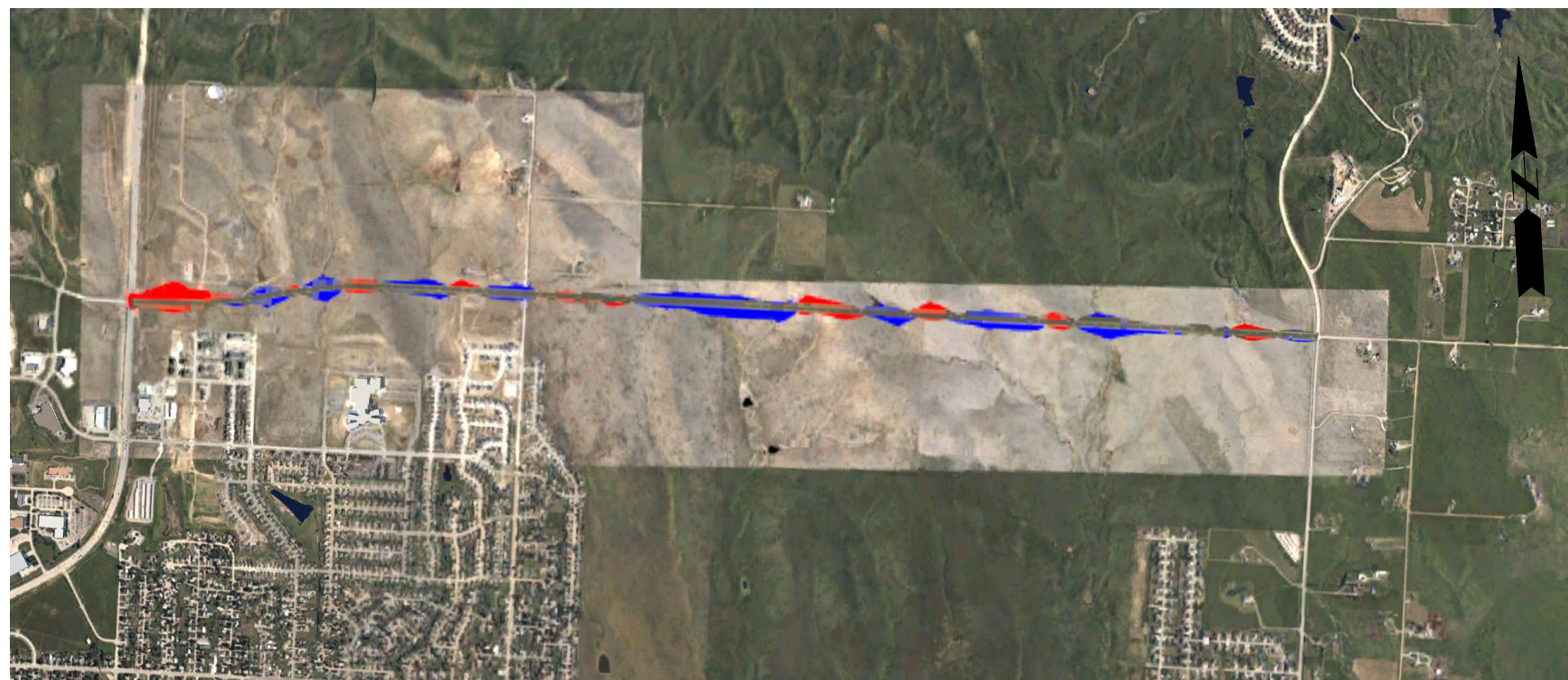
- Design speed – 50 MPH.



Isometric looking east at station 1+00

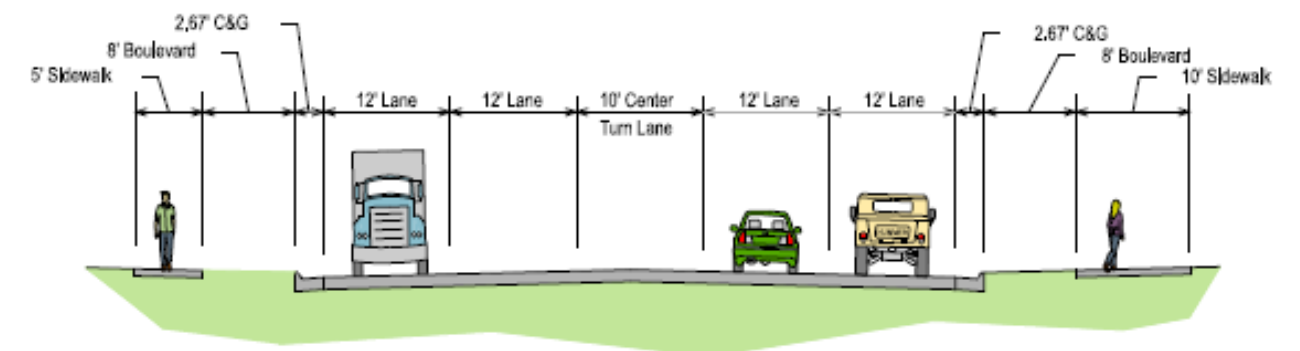


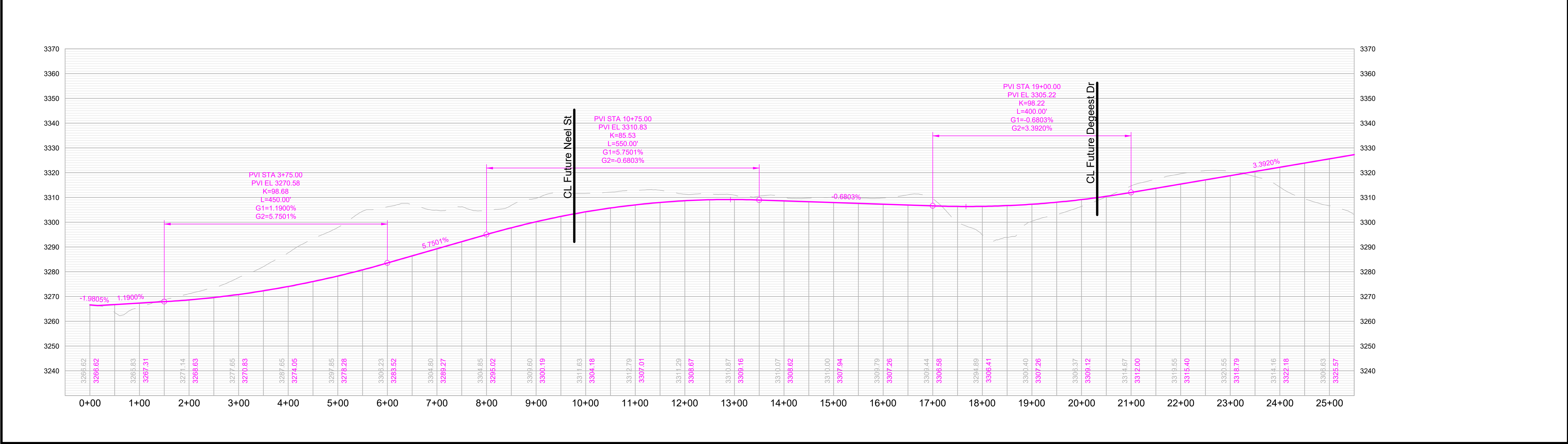
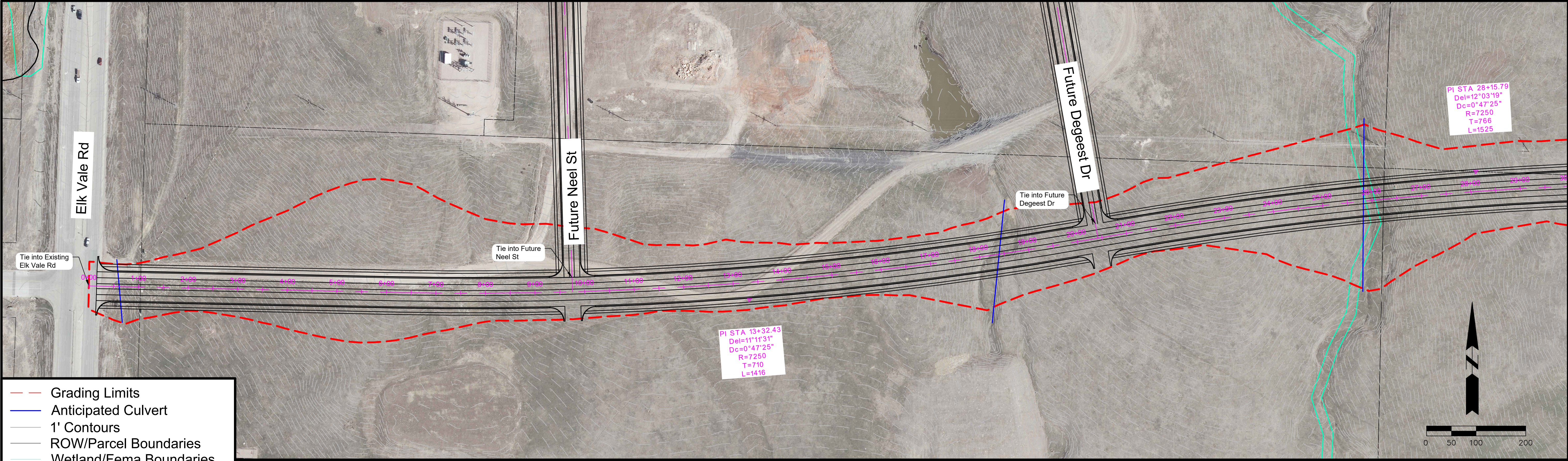
Isometric looking northwest at station 154+00

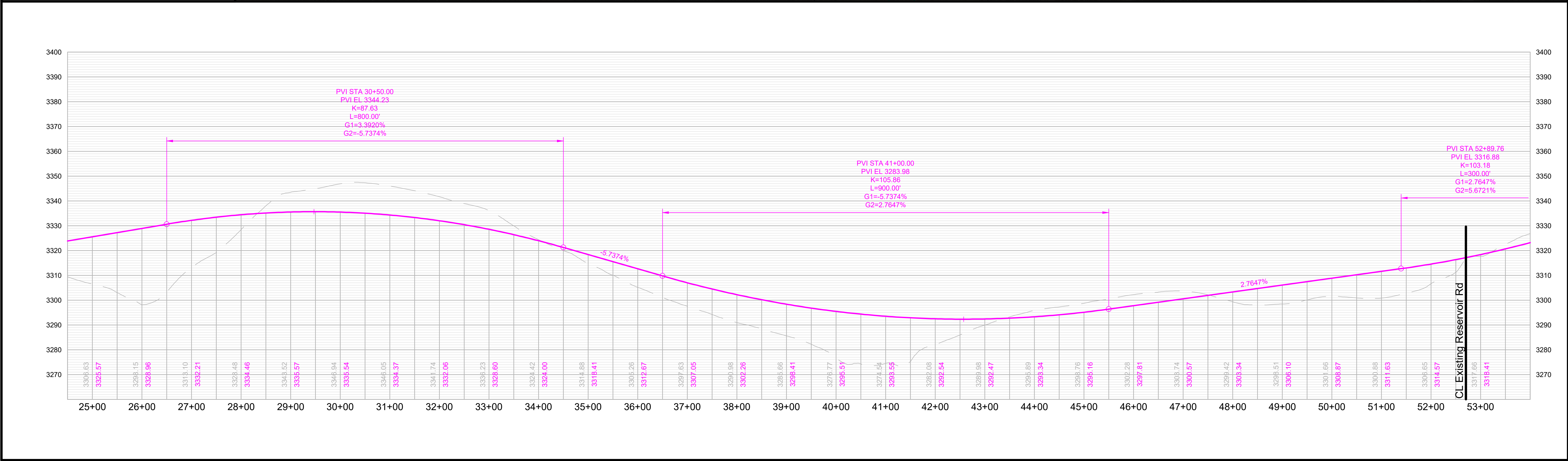
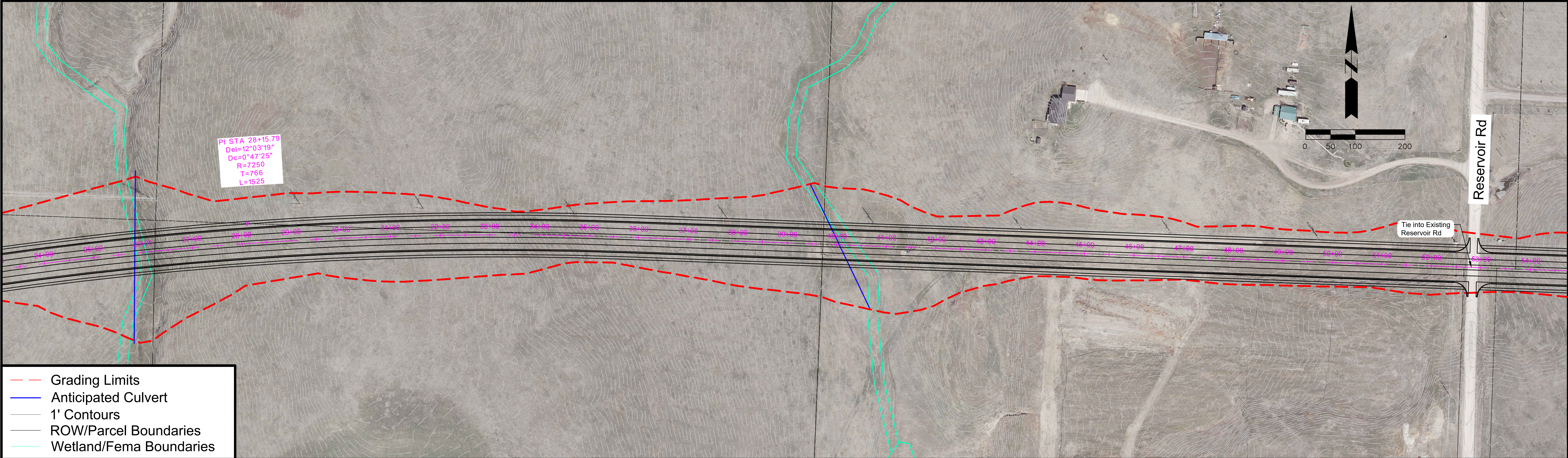


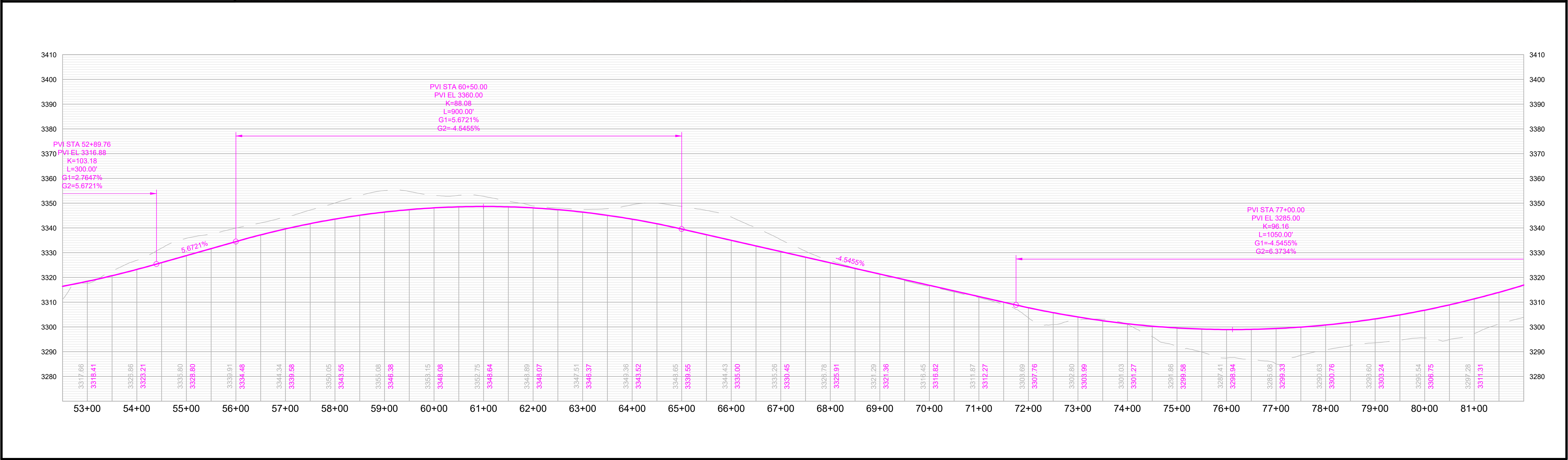
Segment Overview

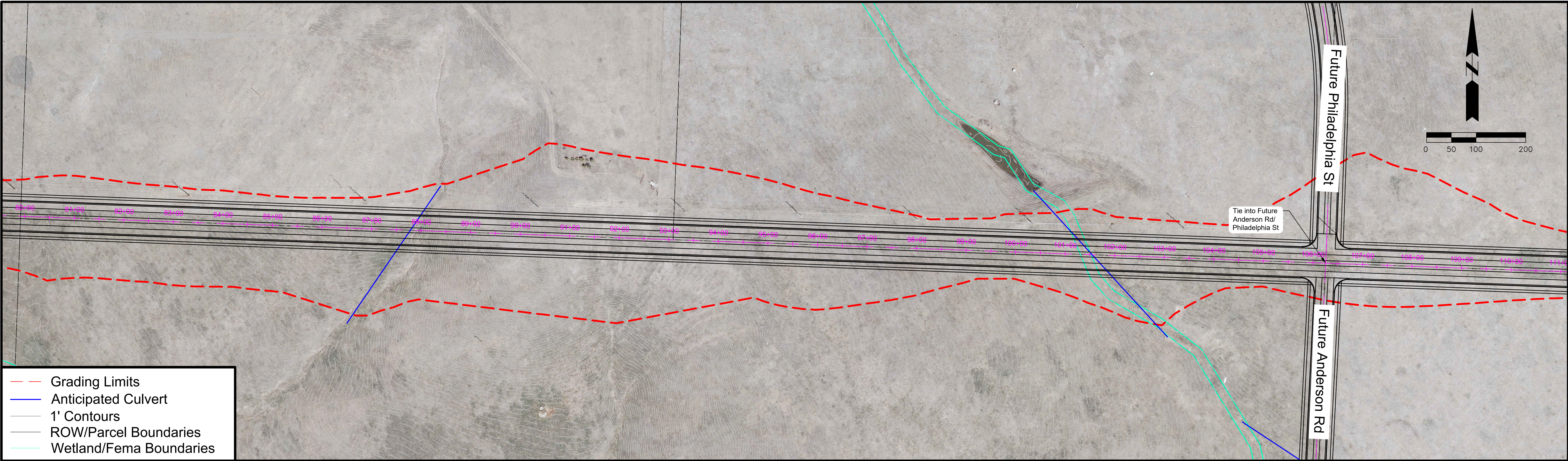
Proposed Typical Section 5 Lane Principal Arterial



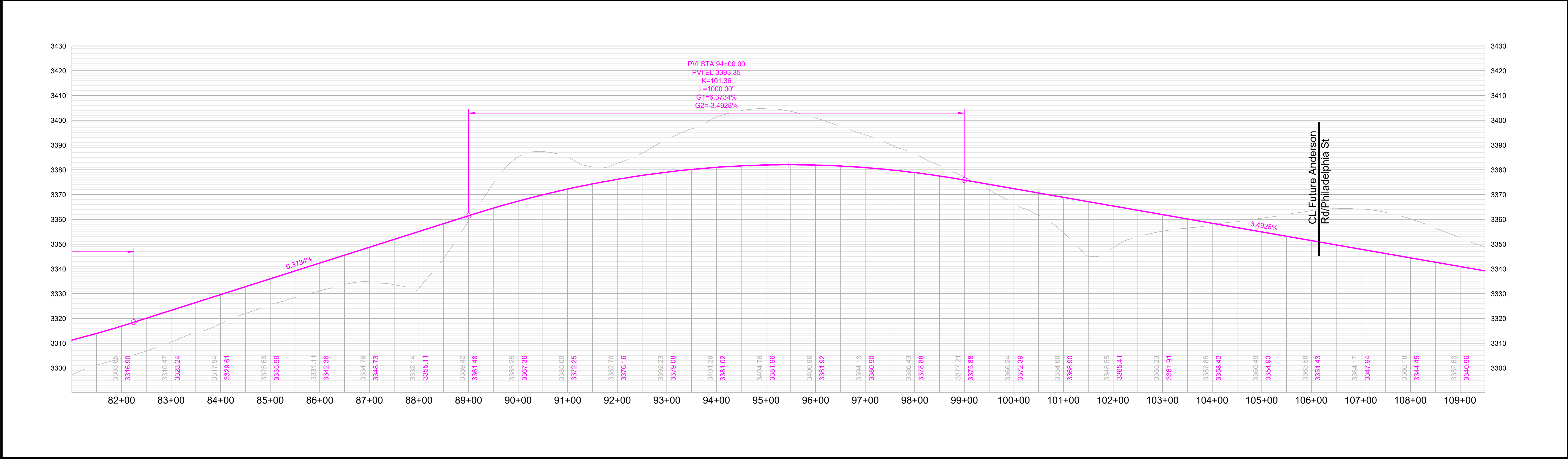


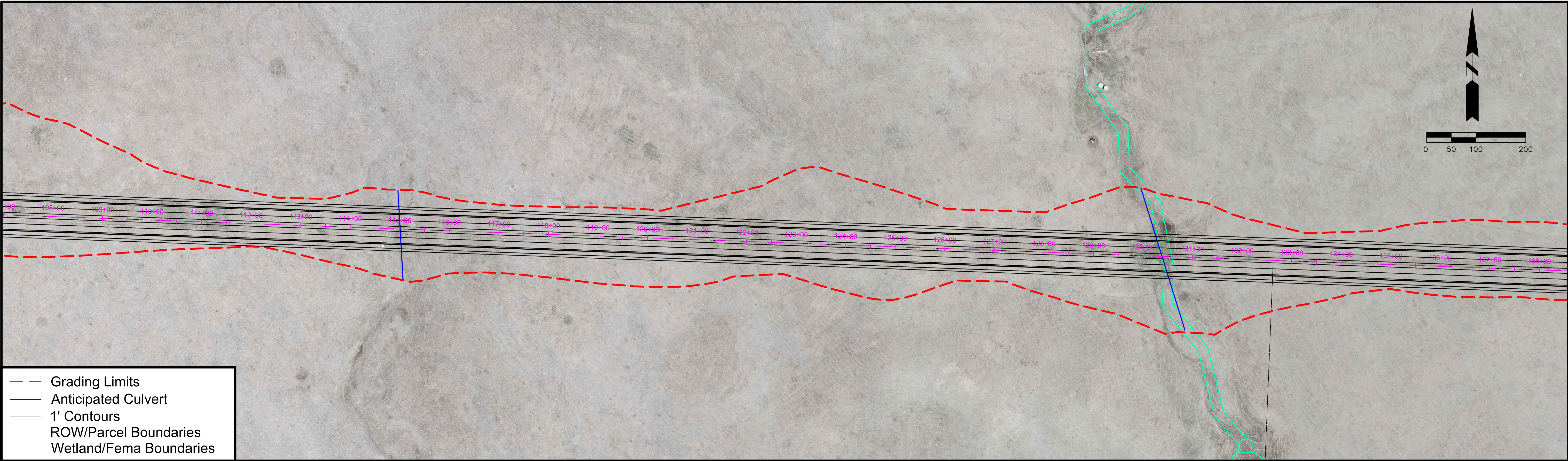




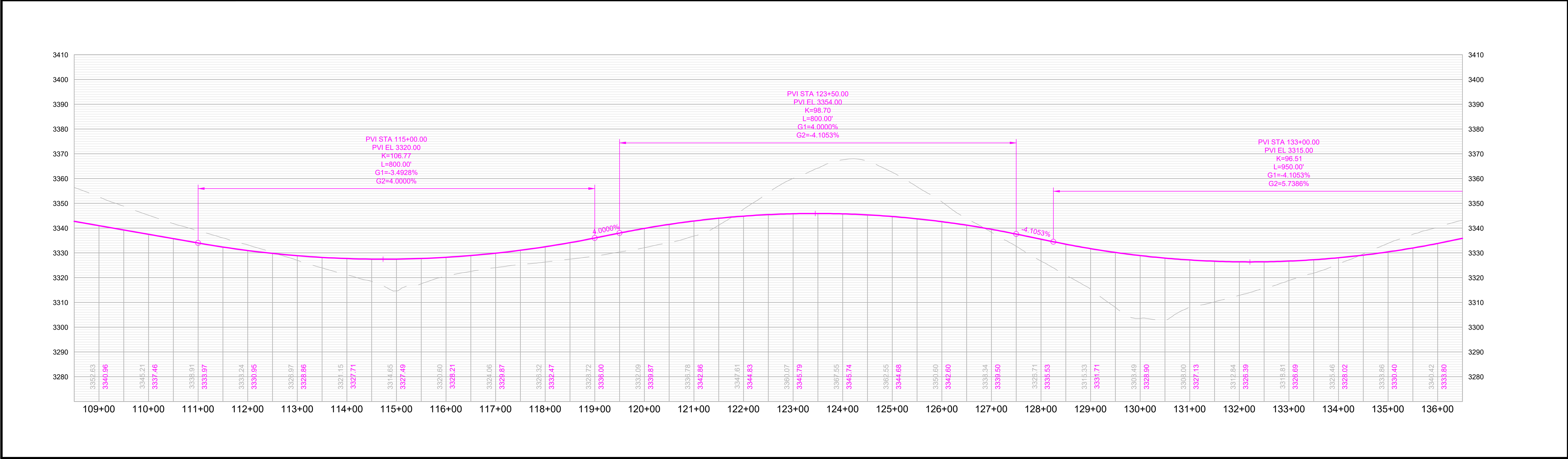


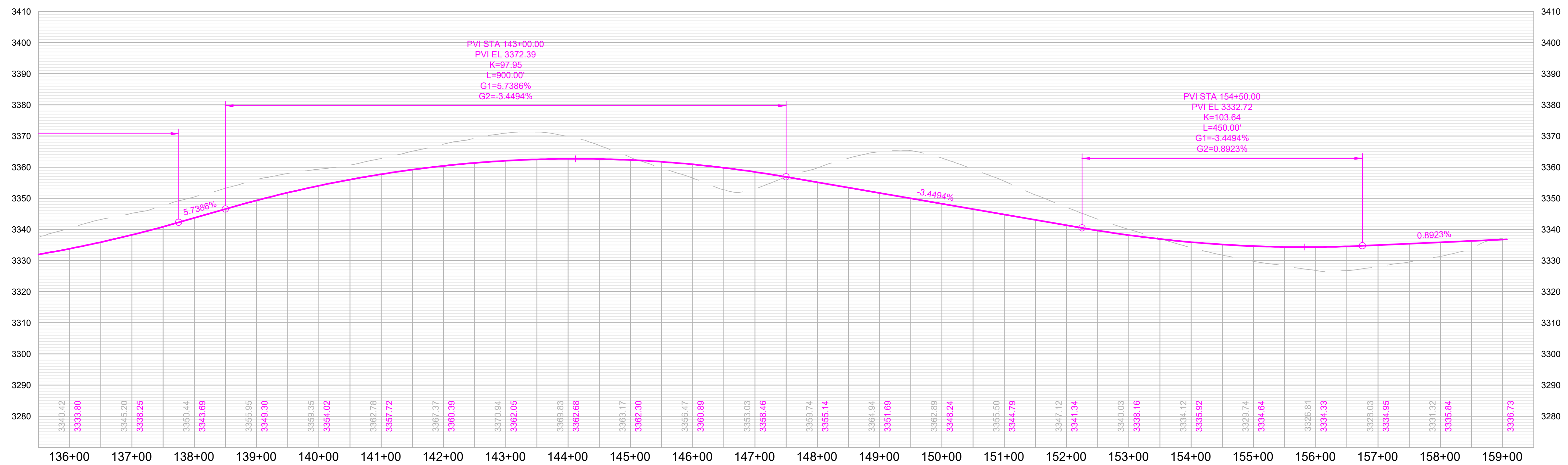
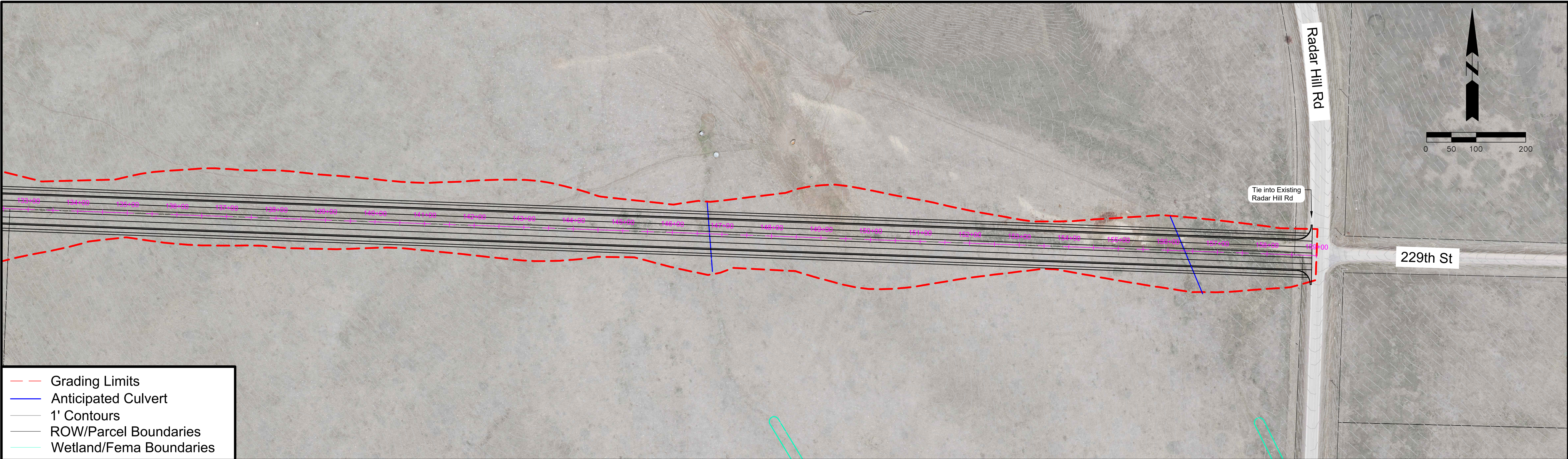
- Grading Limits
- Anticipated Culvert
- 1' Contours
- ROW/Parcel Boundaries
- Wetland/Fema Boundaries





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





Degeest Drive Anamosa Street to Cheyenne Boulevard

Classification: Collector

Corridor Length: 5,620 FT

Estimated Quantities

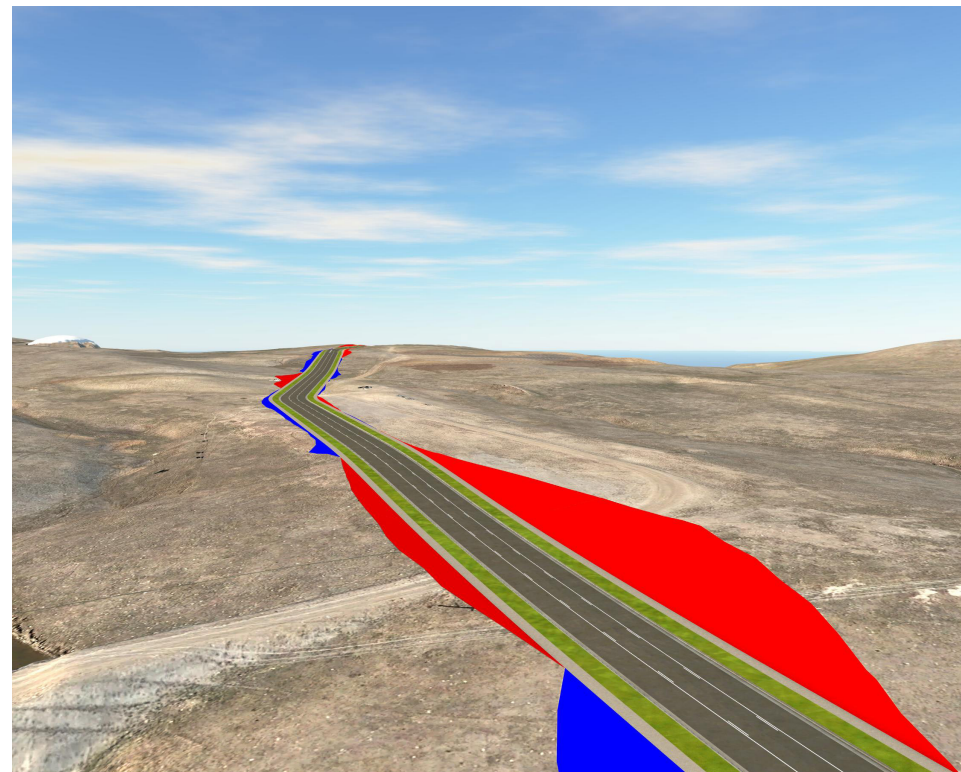
Road Surface: 19,983 SY

Earthwork Cut (Red): 73,559 CY

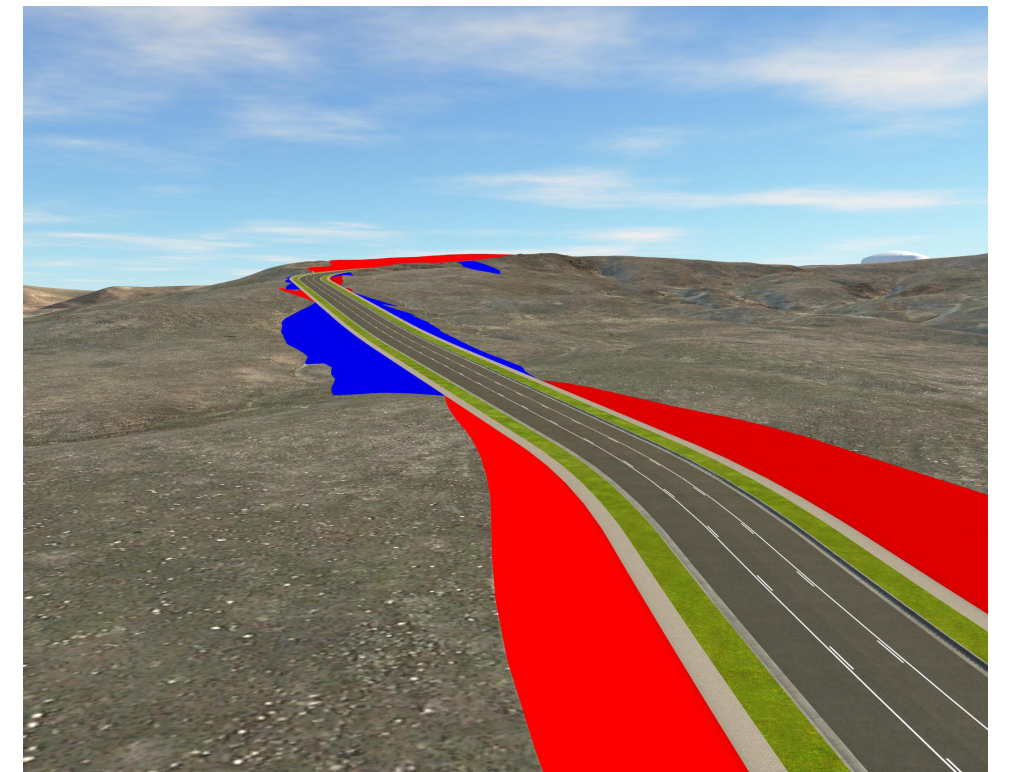
Earthwork Fill (Blue): 39,532 CY

Segment Considerations:

- Design speed – 35 MPH.



Isometric looking north at station 2+00

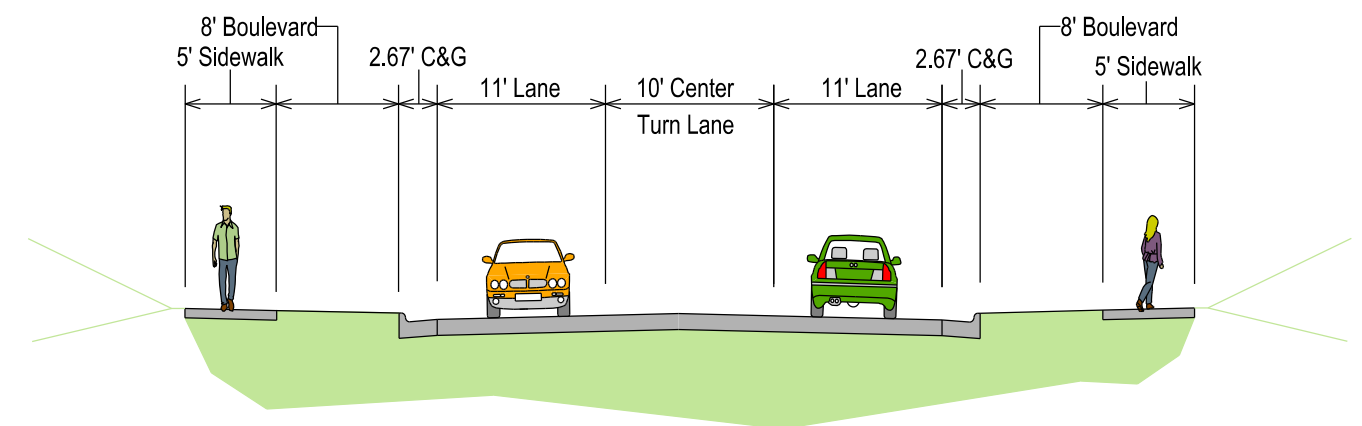


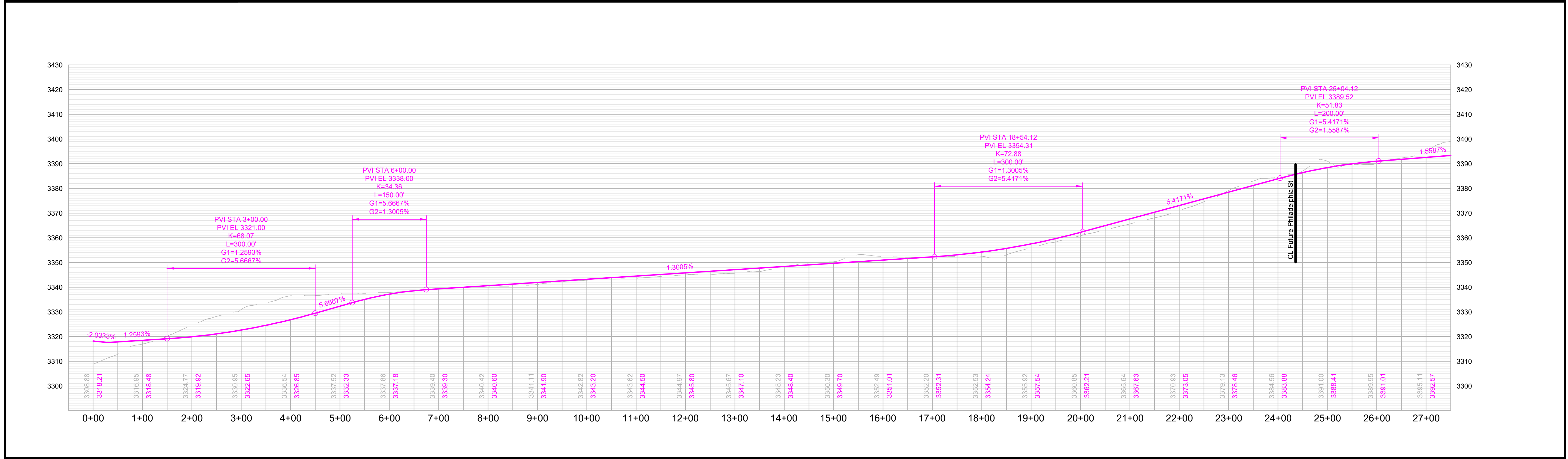
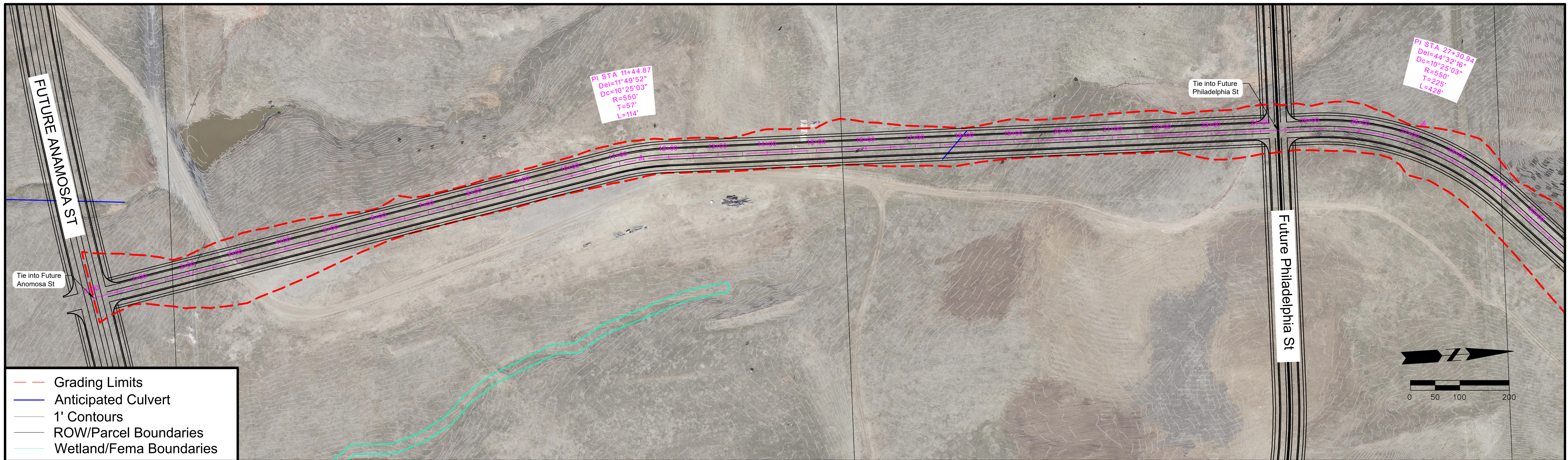
Isometric looking south at station 55+00

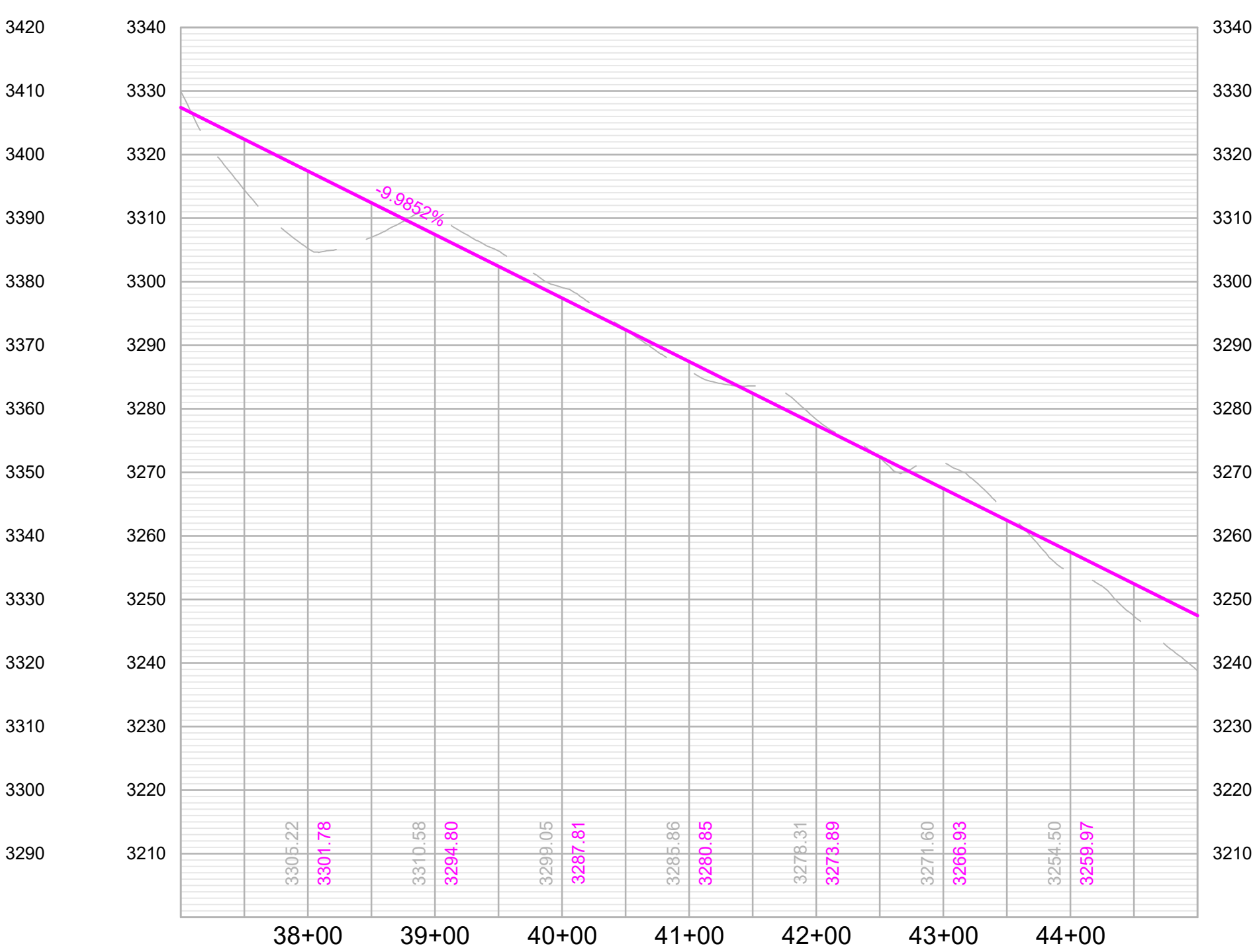
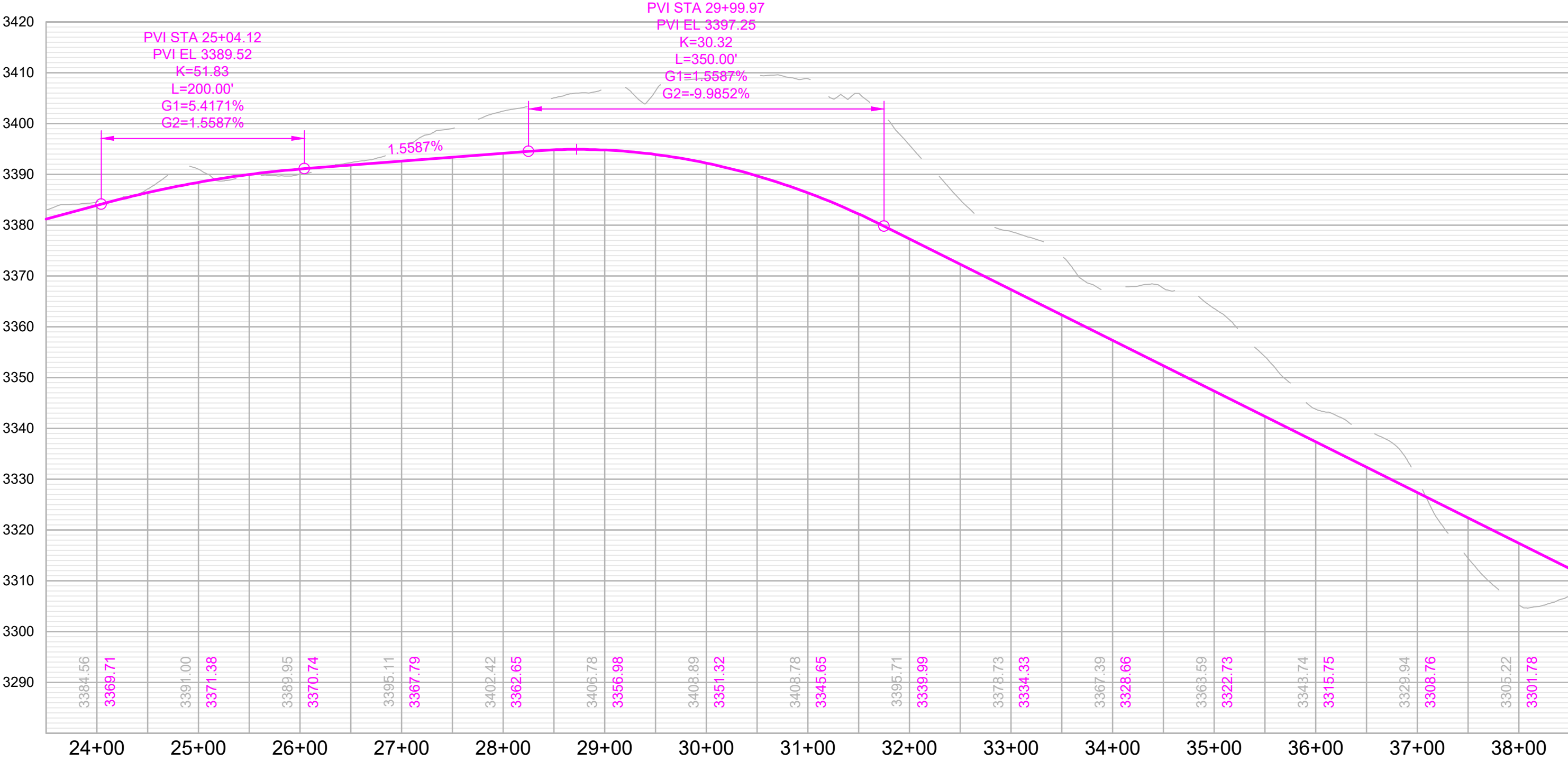
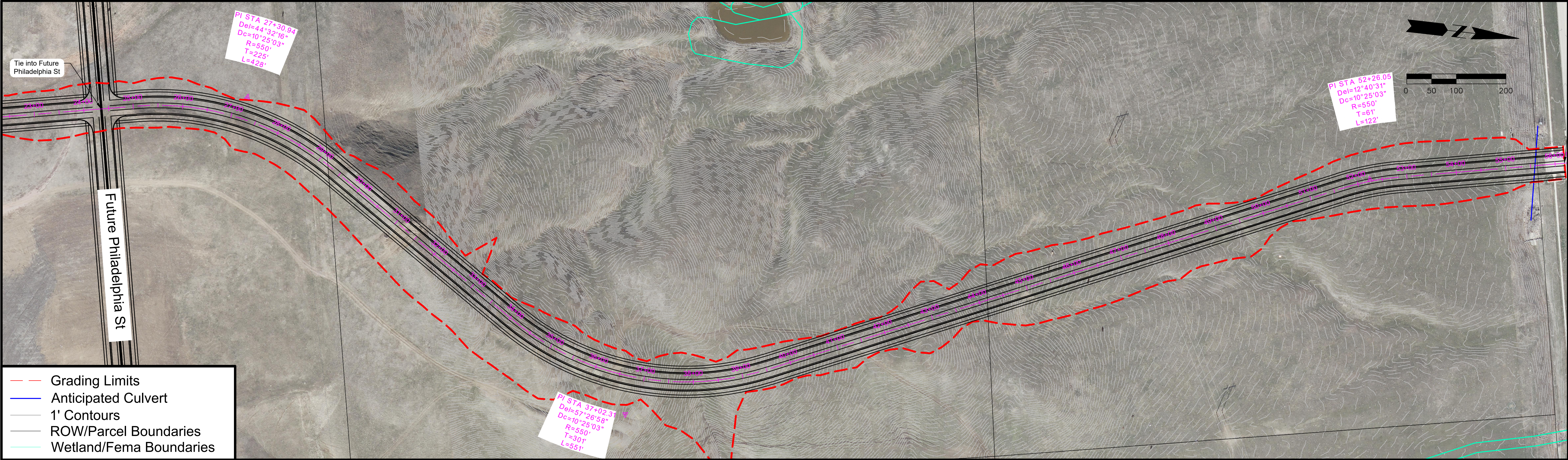


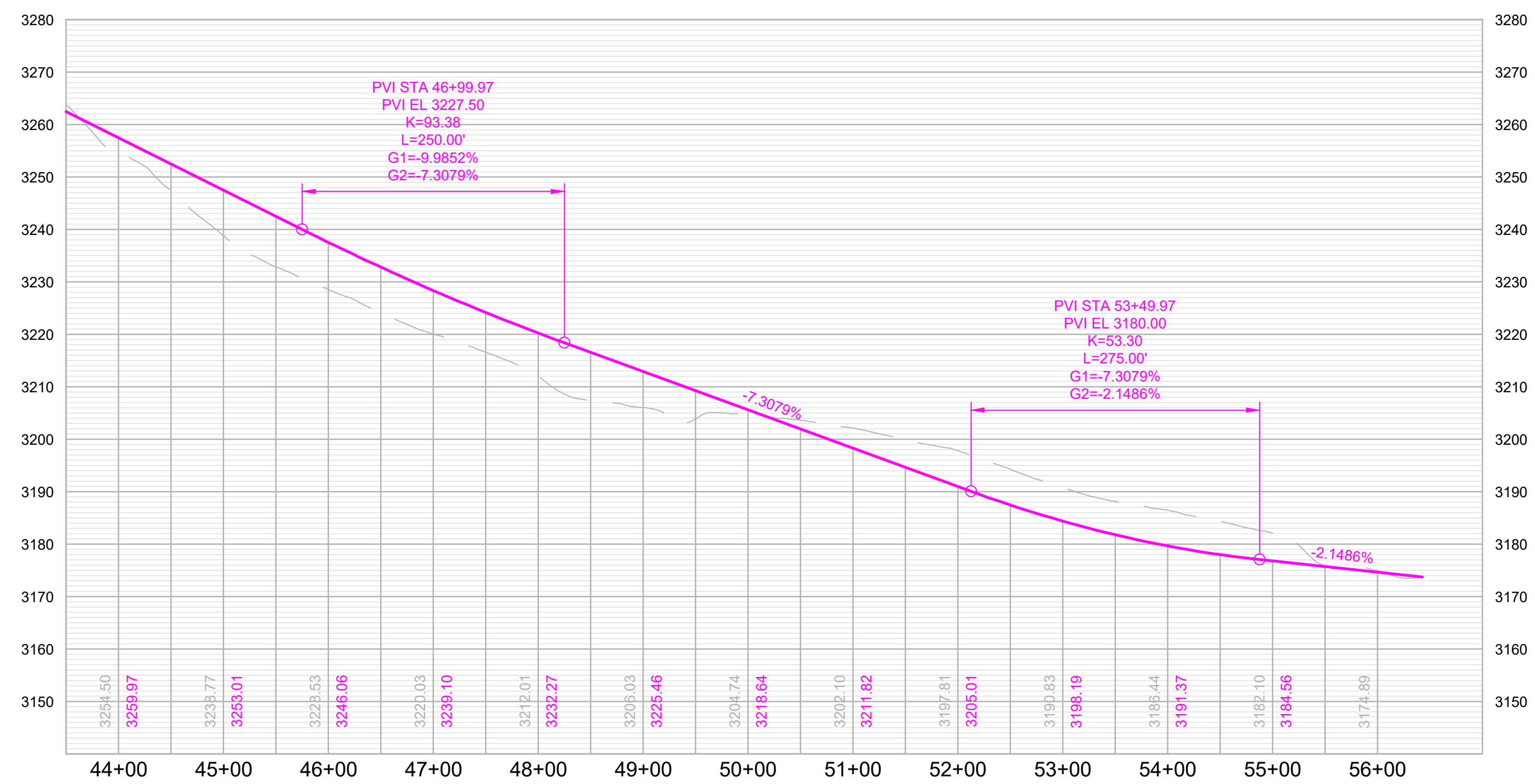
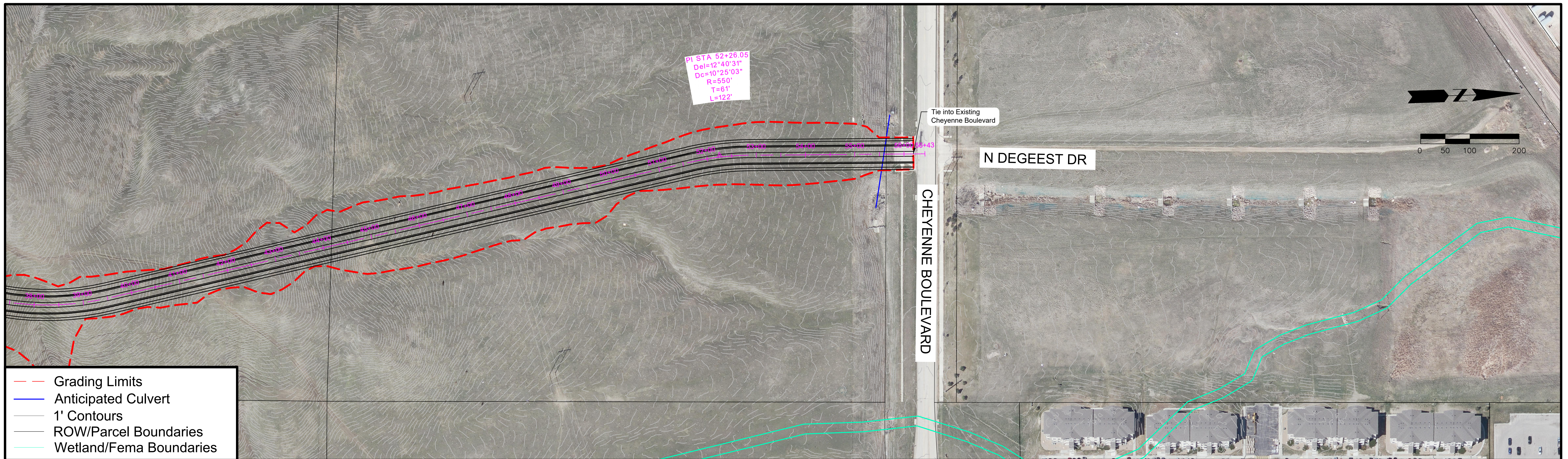
Segment Overview

Proposed Typical Section 3 Lane Collector









Neel Street

Anamosa Street to Philadelphia Street

Classification: Collector

Corridor Length: 2,610 FT

Estimated Quantities

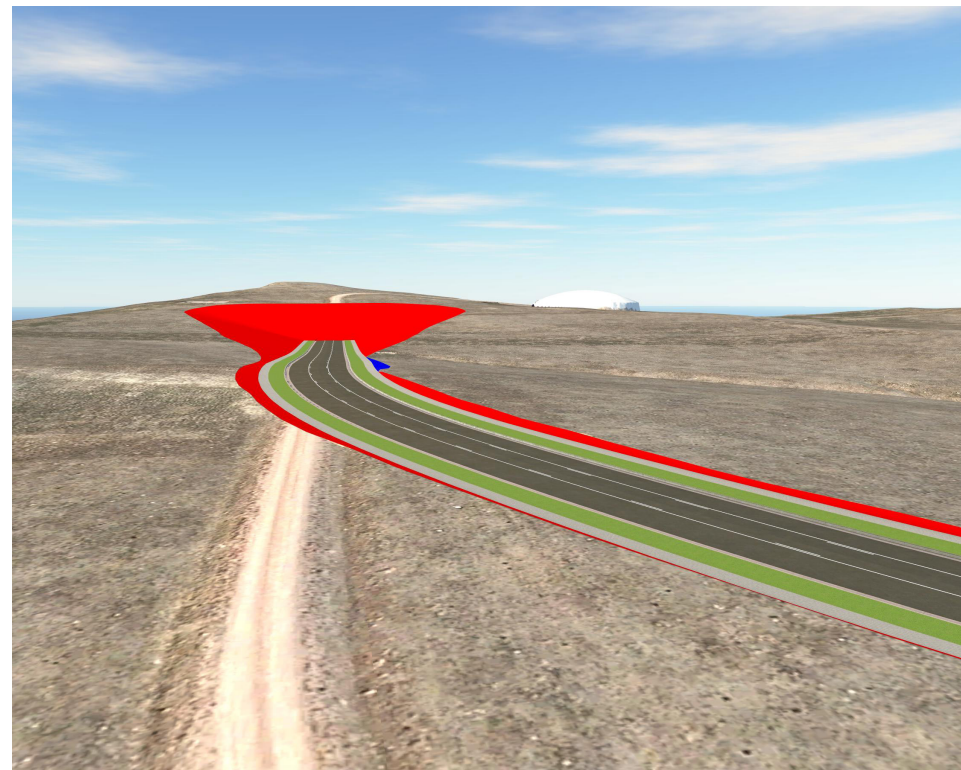
Road Surface: 9,280 SY

Earthwork Cut (Red): 307,978 CY

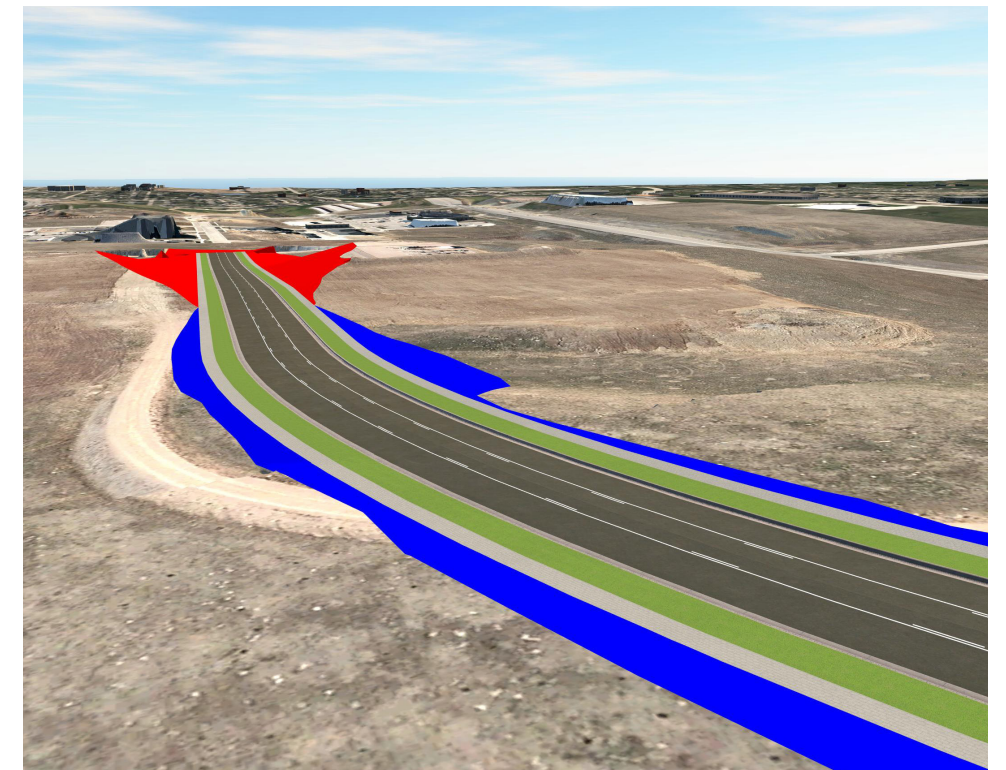
Earthwork Fill (Blue): 4,344 CY

Segment Considerations:

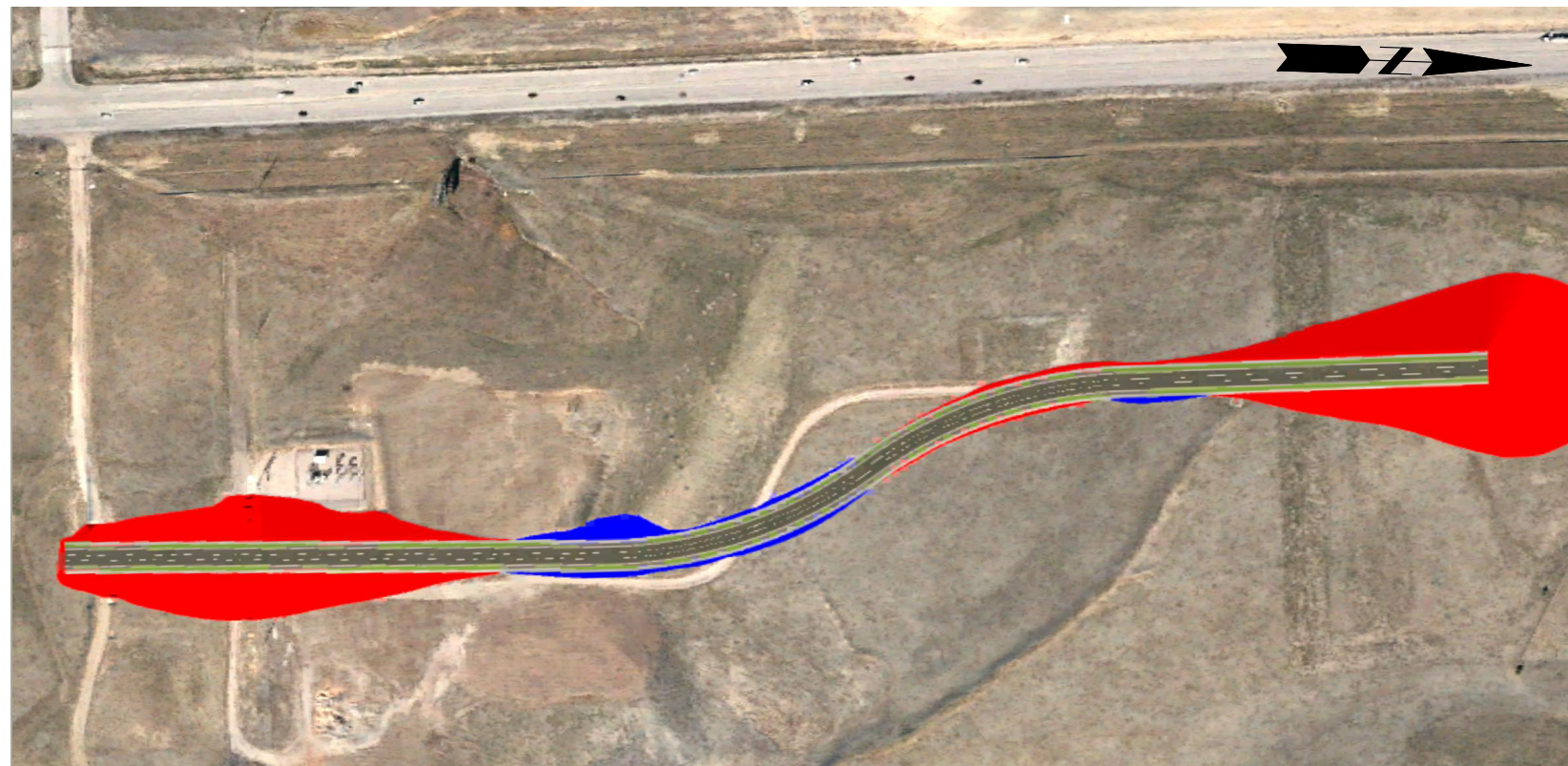
- Design speed – 35 MPH.



Isometric looking north at station 15+00



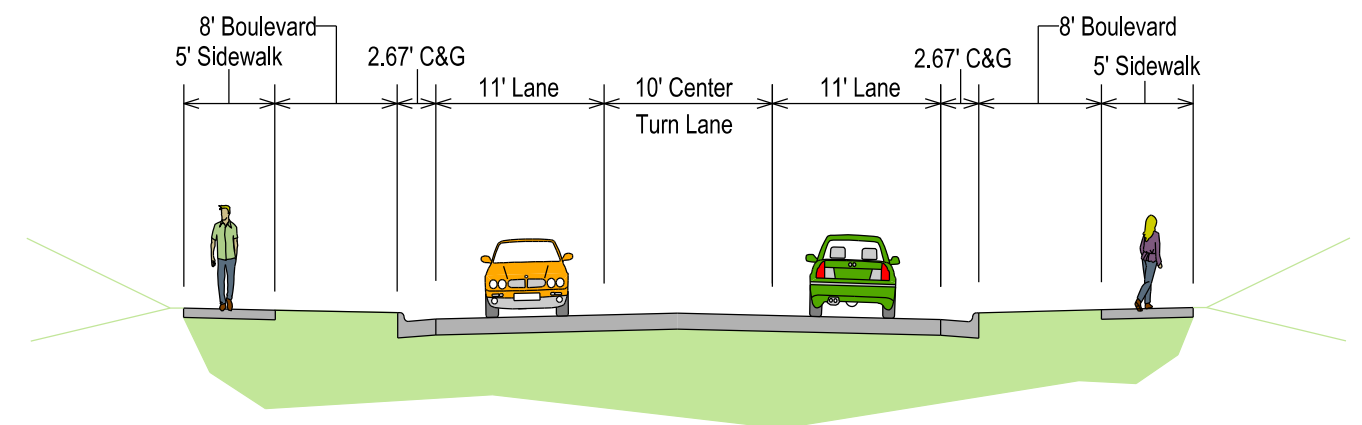
Isometric looking south at station 12+00

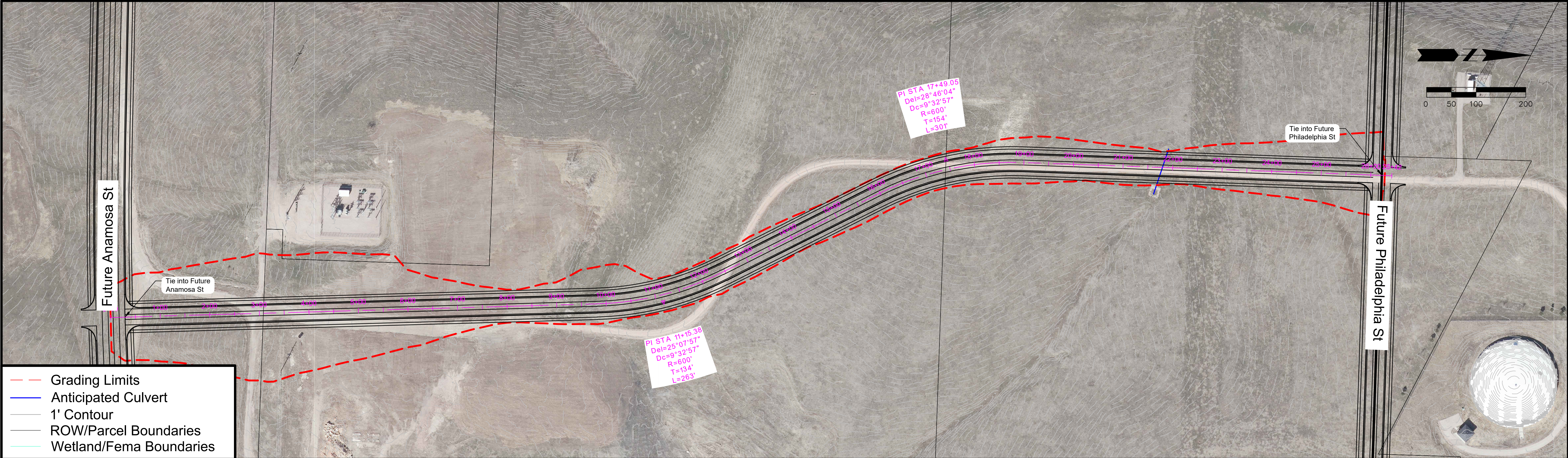


Segment Overview

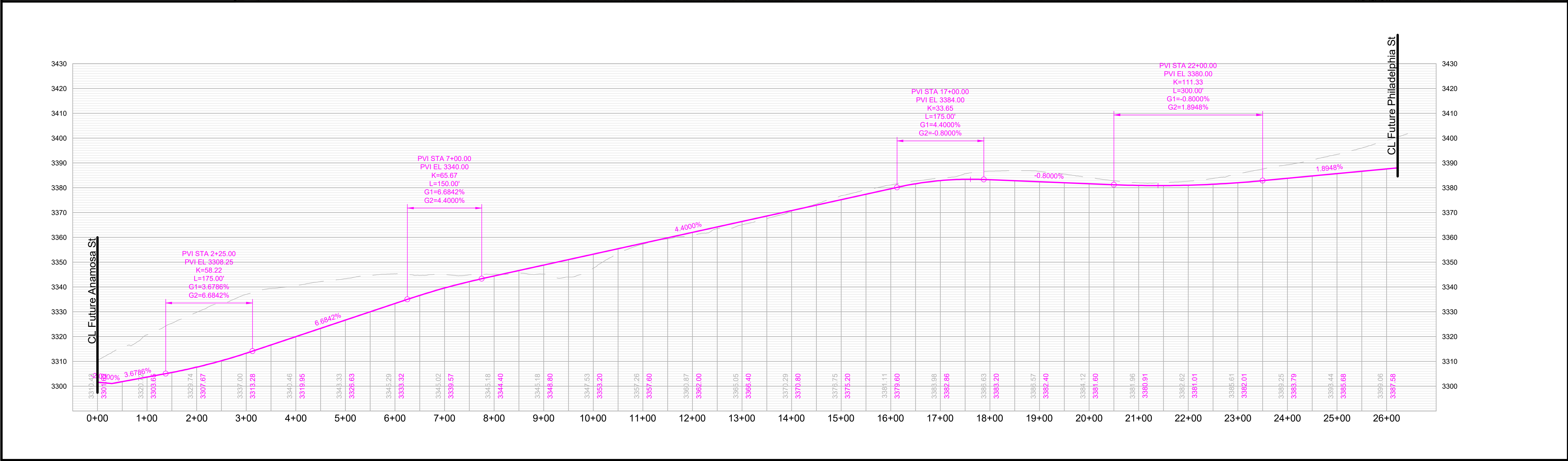
Proposed Typical Section

3 Lane Collector





- Grading Limits
- Anticipated Culvert
- 1' Contour
- ROW/Parcel Boundaries
- Wetland/Fema Boundaries



E Philadelphia Street

N Valley Drive to Reservoir Road

Classification: Collector/Minor Arterial

Corridor Length: 17,512 FT

Estimated Quantities

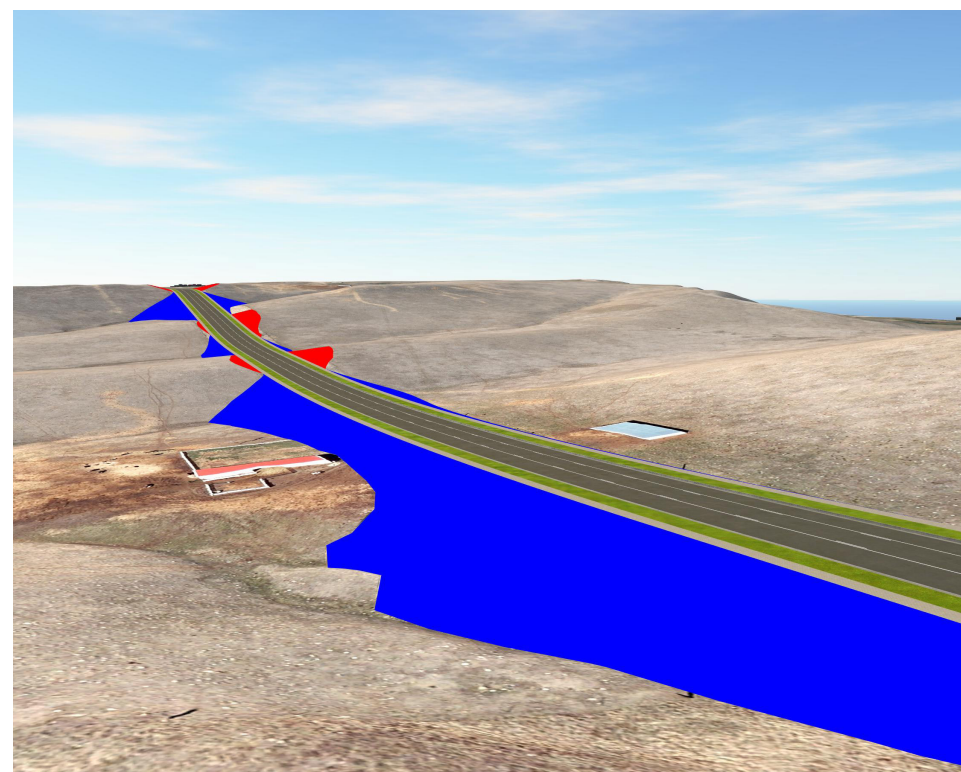
Road Surface: 70,048 SY

Earthwork Cut (Red): 222,212 CY

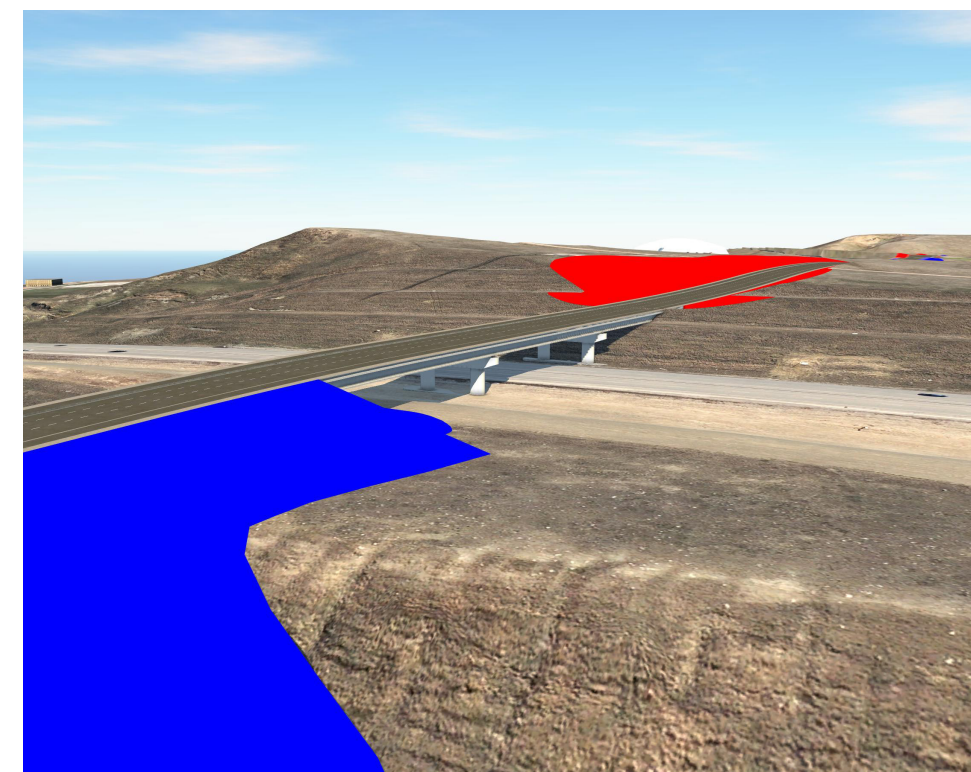
Earthwork Fill (Blue): 507,064 CY

Segment Considerations:

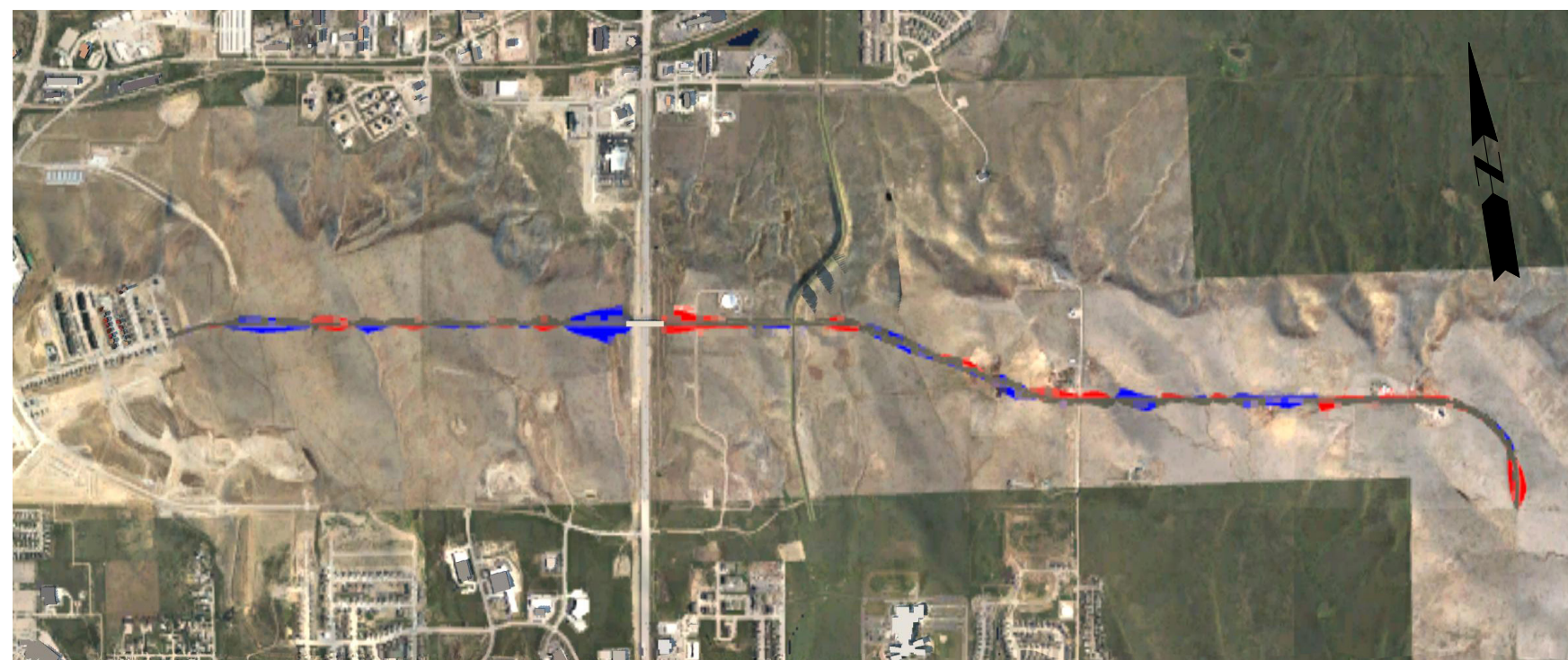
- Collector from Elk Vale to the West and Minor Arterial from Elk Vale to the East.
- Proposed grade separated crossing at Elk Vale Road. May consider as future interchange.
- Design speed – 35 MPH and 45 MPH.



Isometric looking northwest at station 139+00

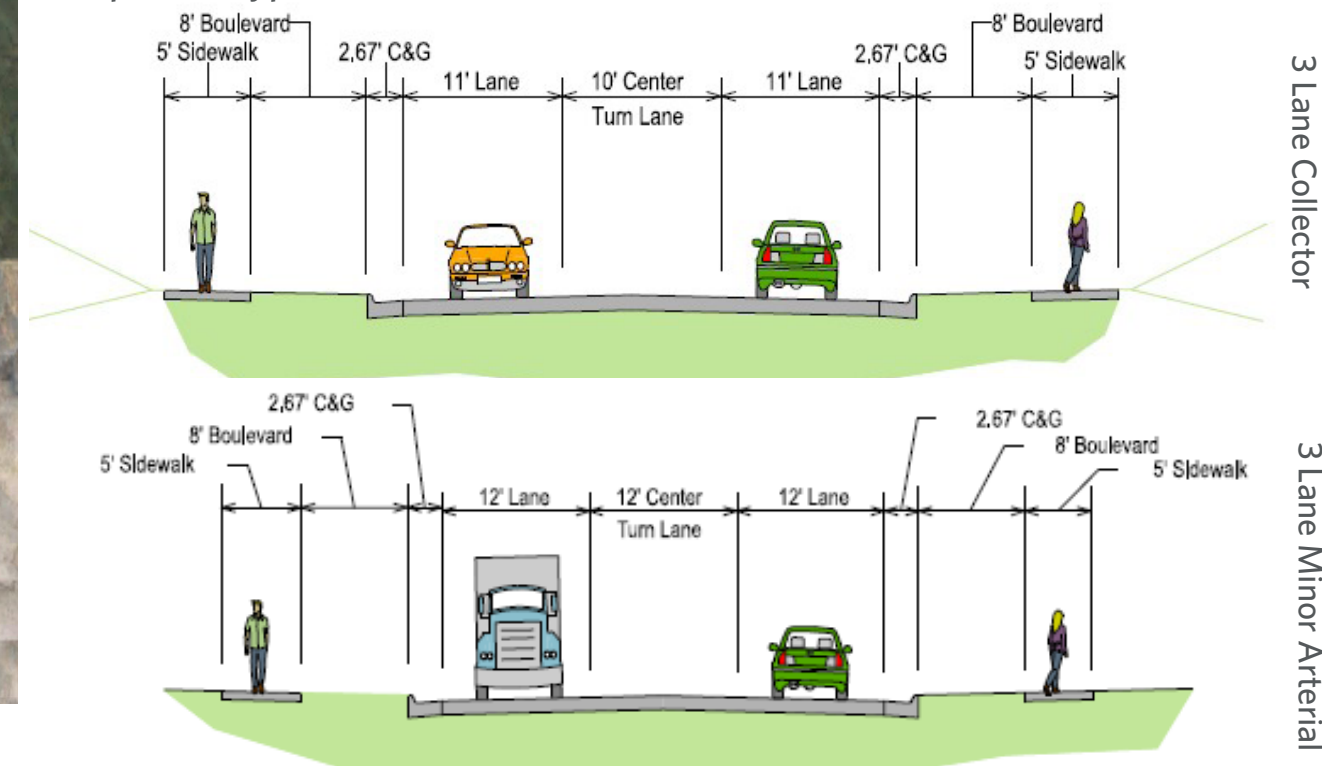


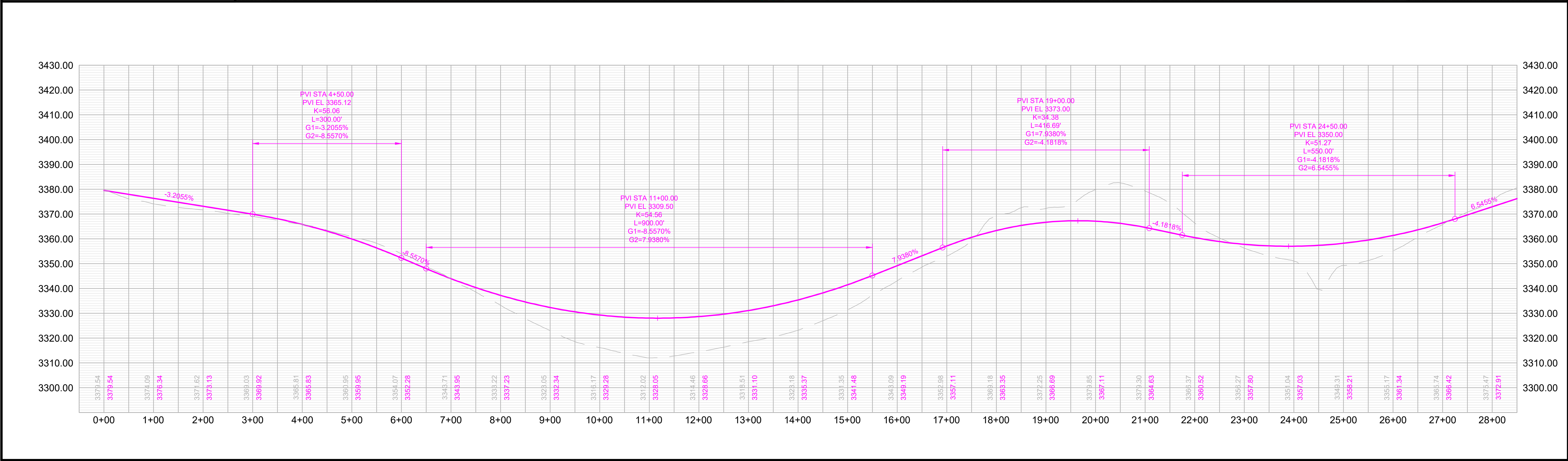
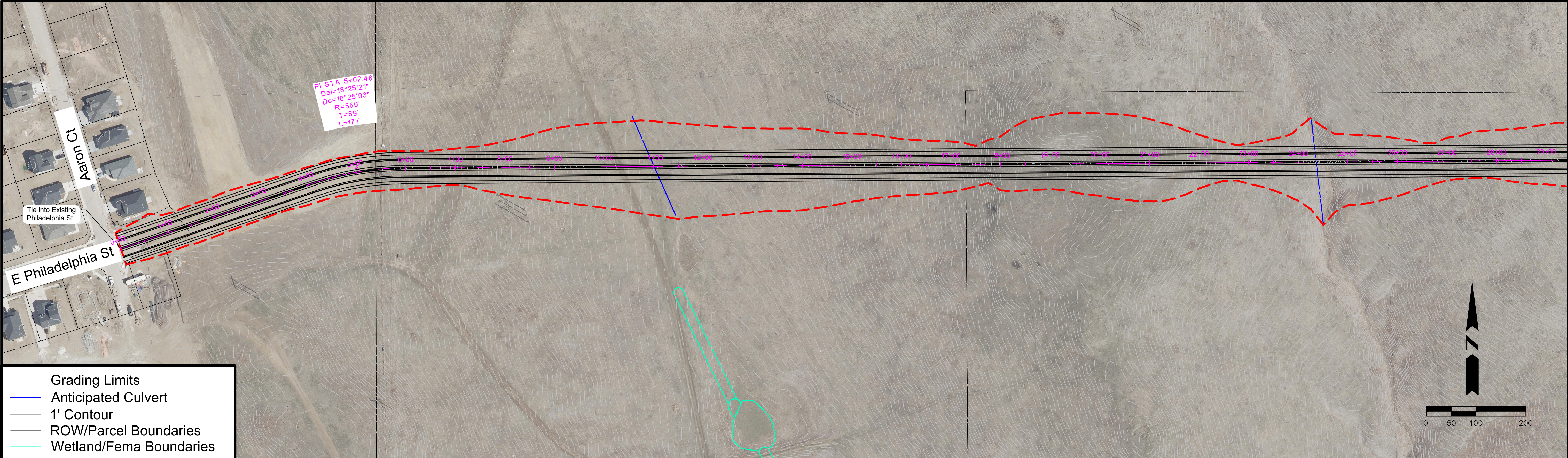
Isometric looking northeast at station 57+00

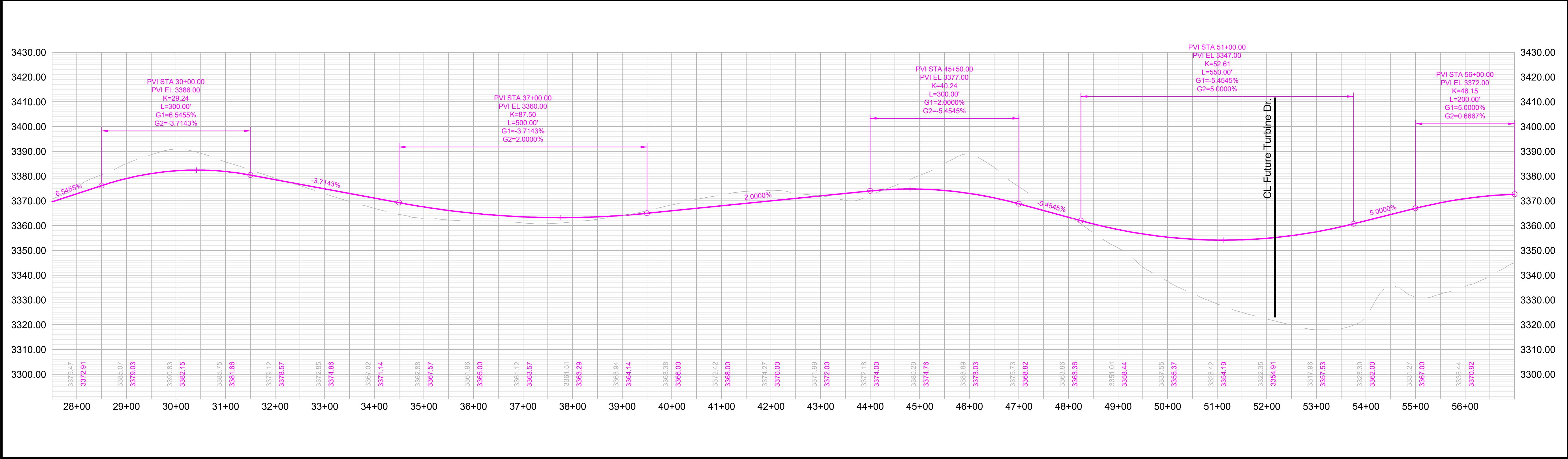
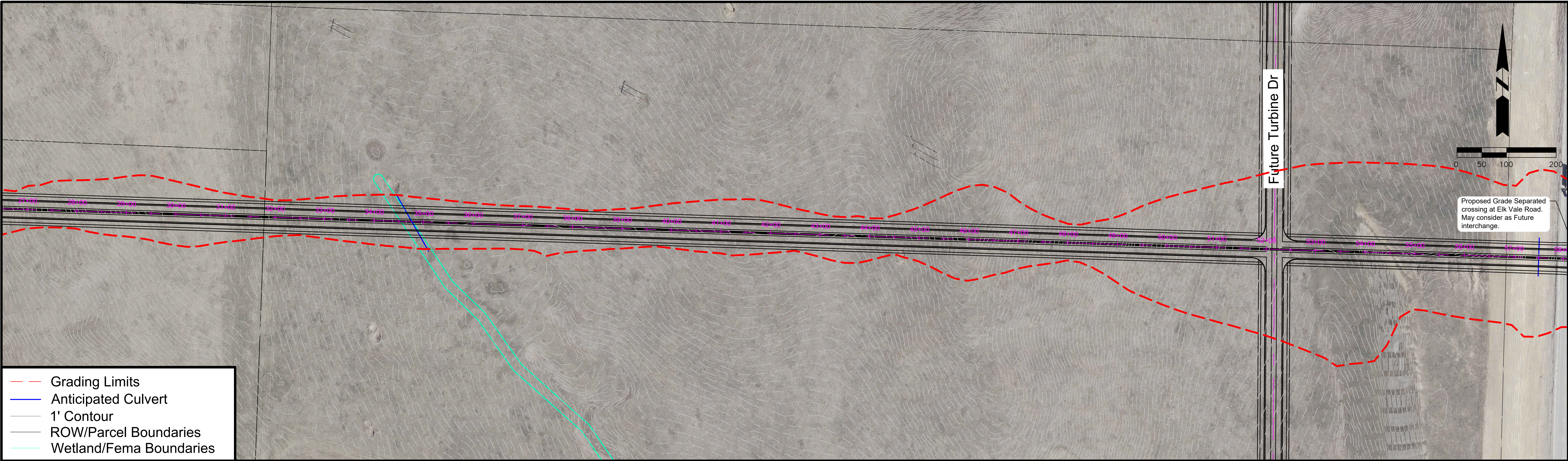


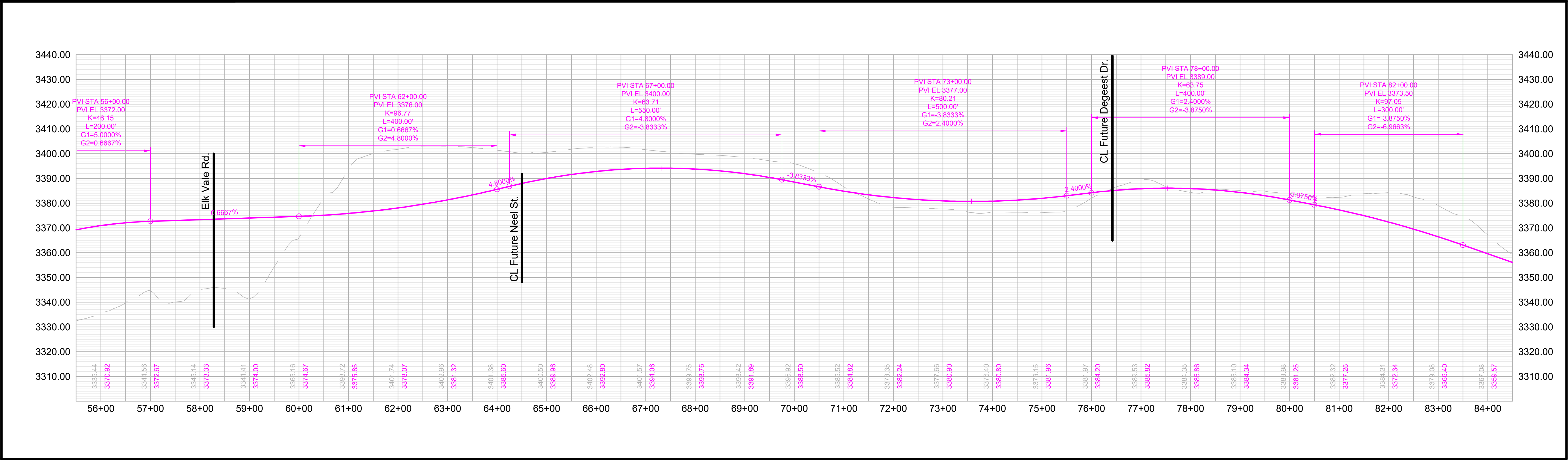
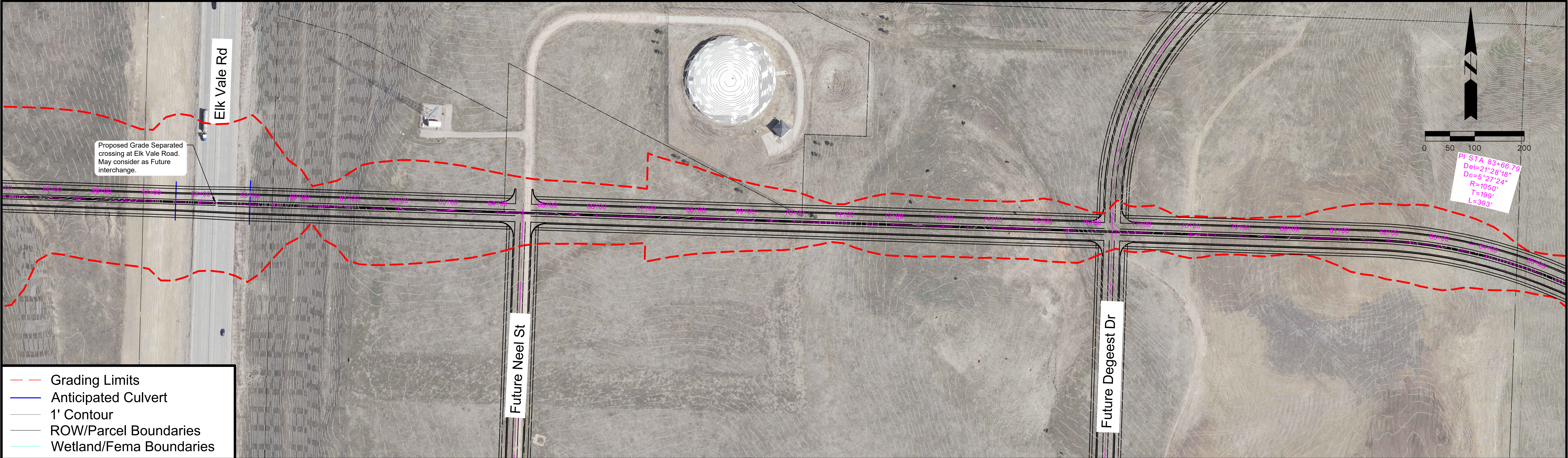
Segment Overview

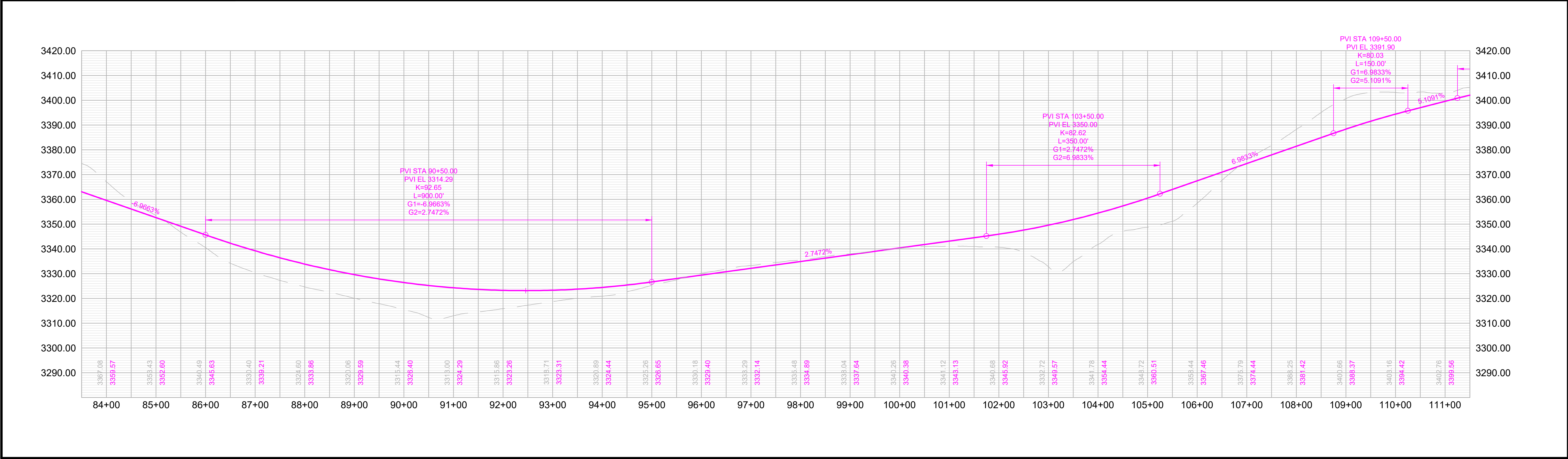
Proposed Typical Sections

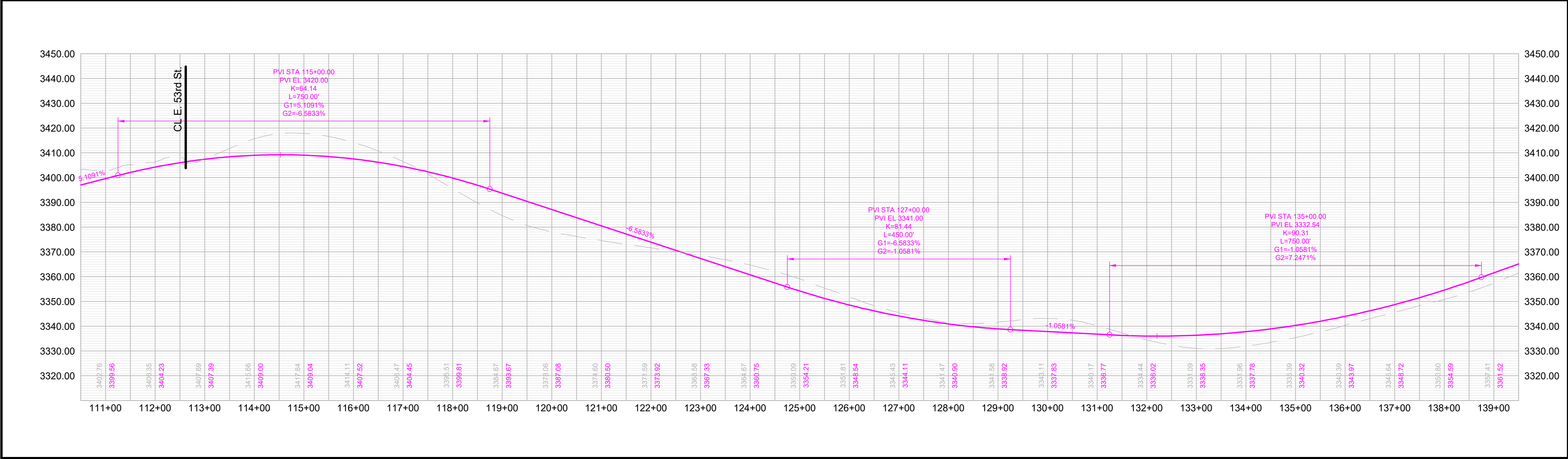
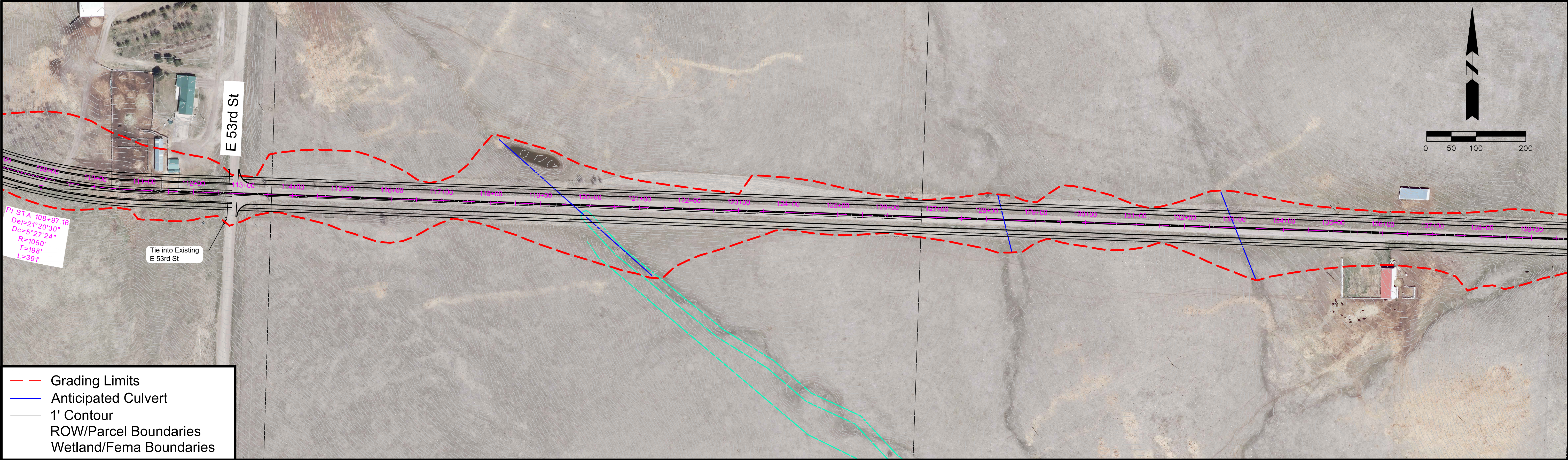


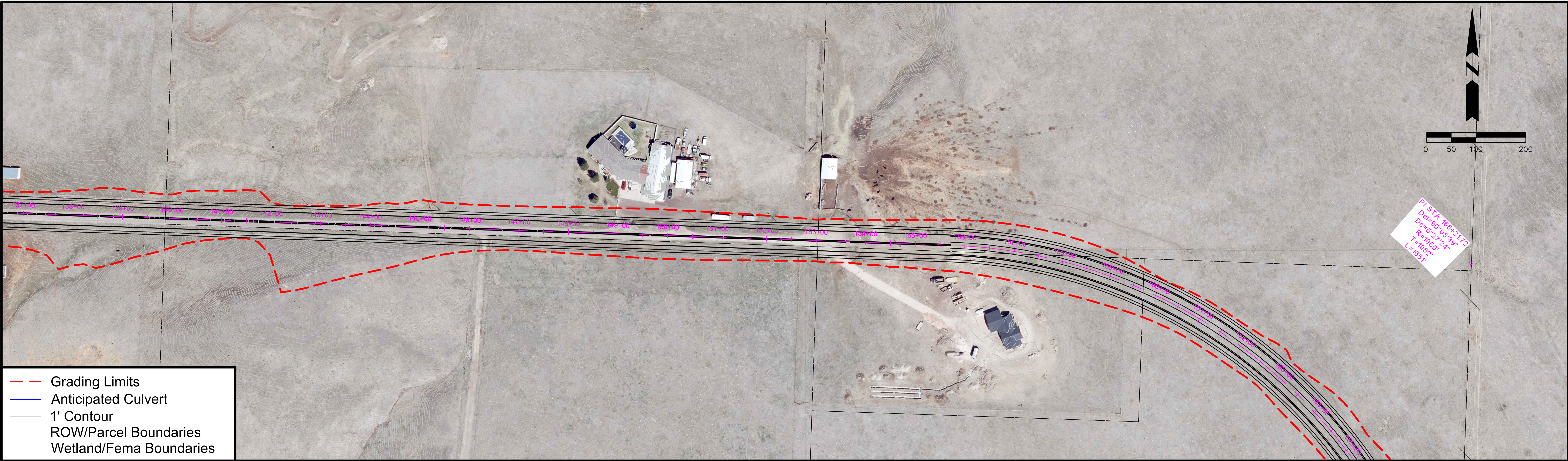




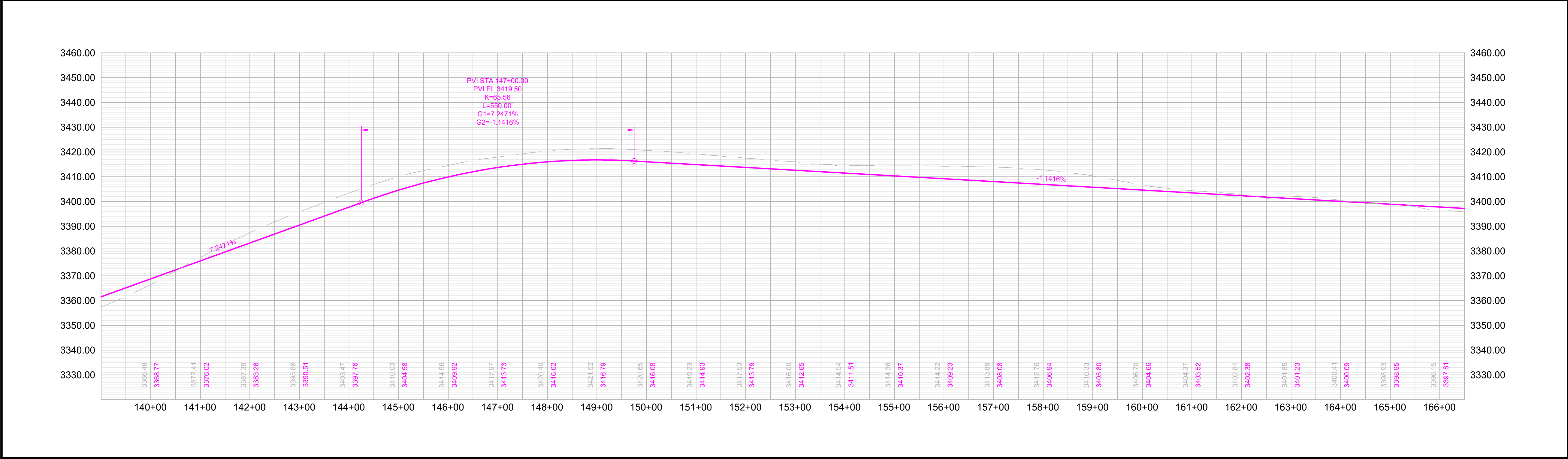


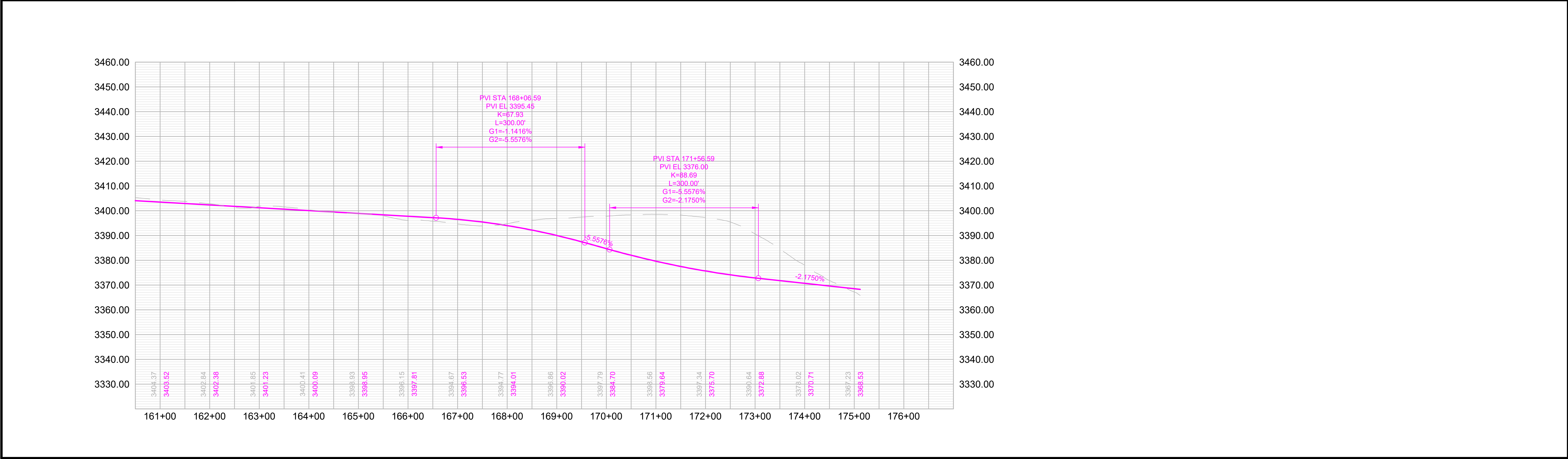
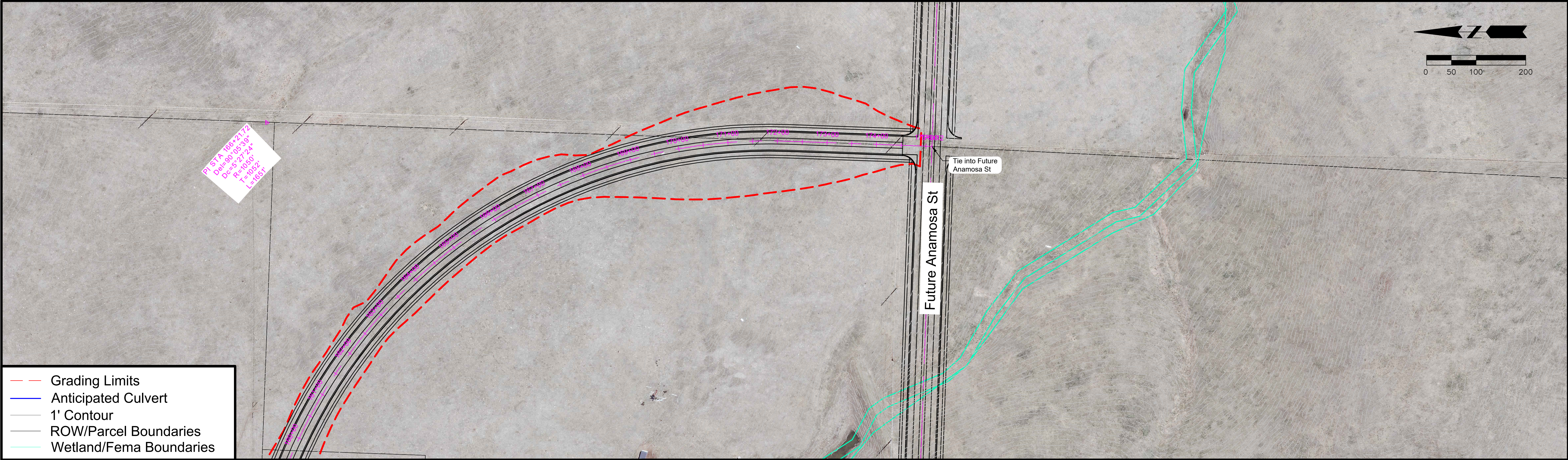






- Grading Limits
- Anticipated Culvert
- 1' Contour
- ROW/Parcel Boundaries
- Wetland/Fema Boundaries





Turbine Drive

Anamosa Street to N Turbine Drive

Classification: Collector

Corridor Length: 4,020 FT

Estimated Quantities

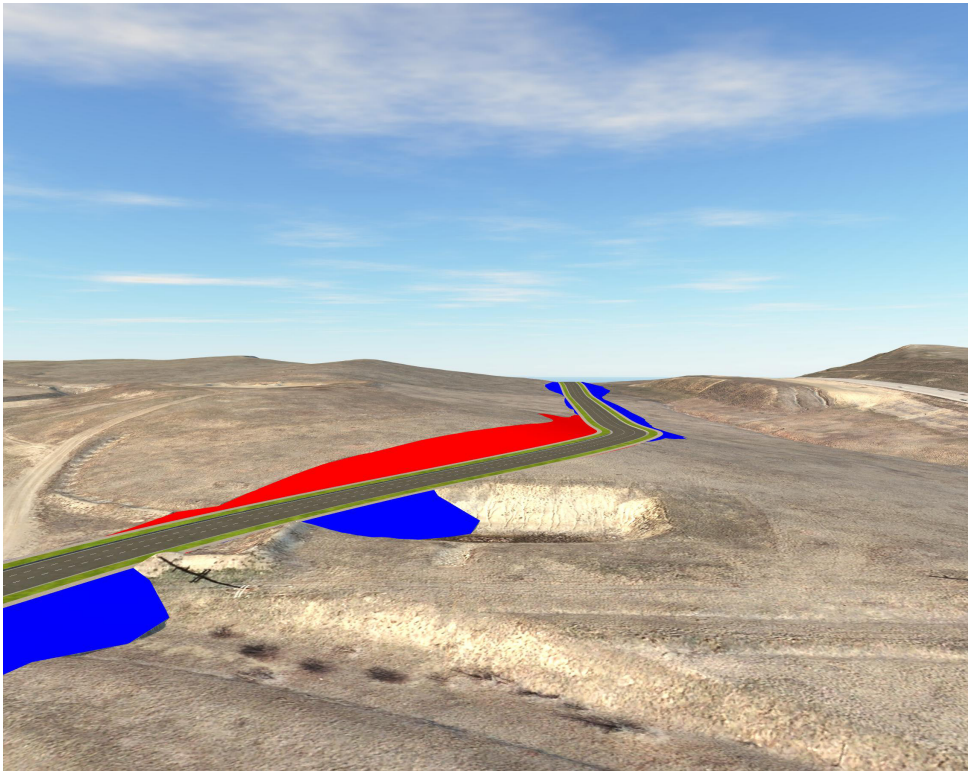
Road Surface: 14,294 SY

Earthwork Cut (Red): 17,188 CY

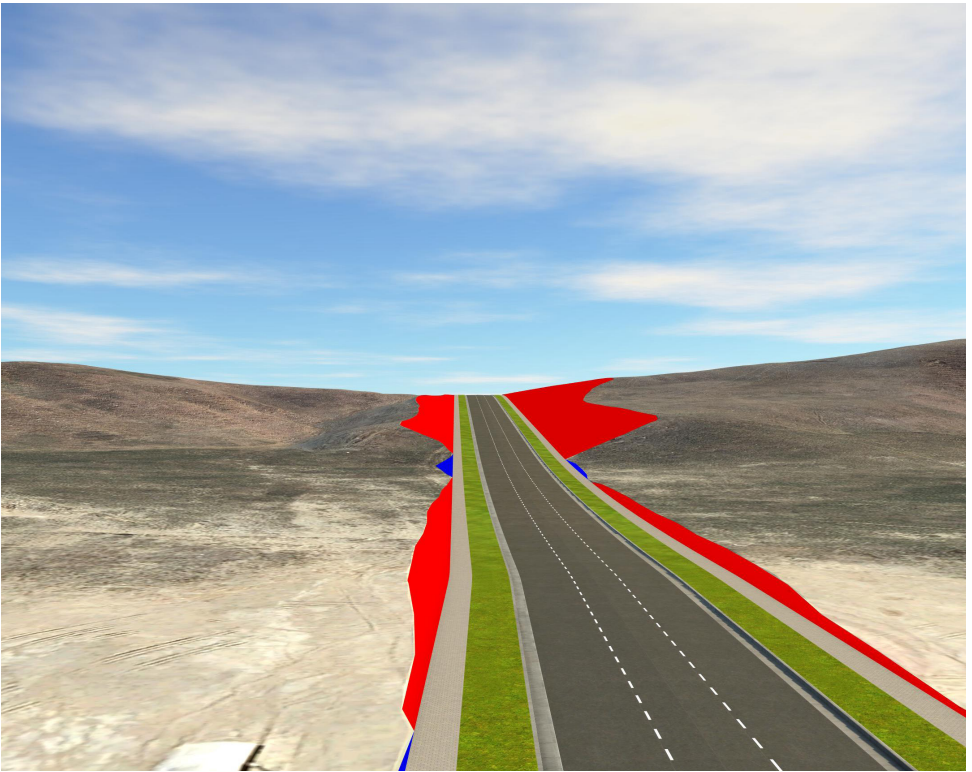
Earthwork Fill (Blue): 195,333 CY

Segment Considerations:

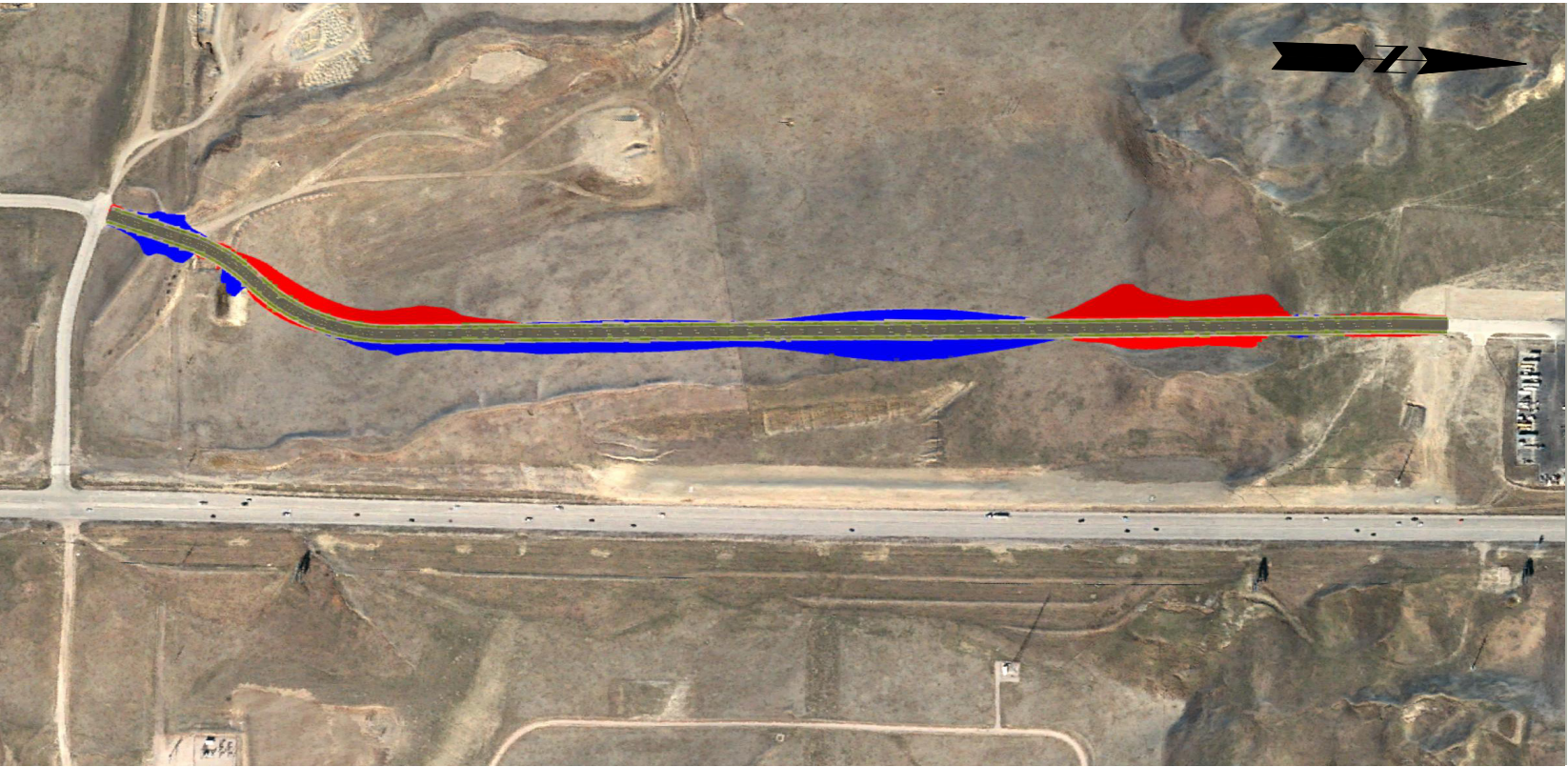
- Design speed – 35 MPH.



Isometric looking north at station 5+00

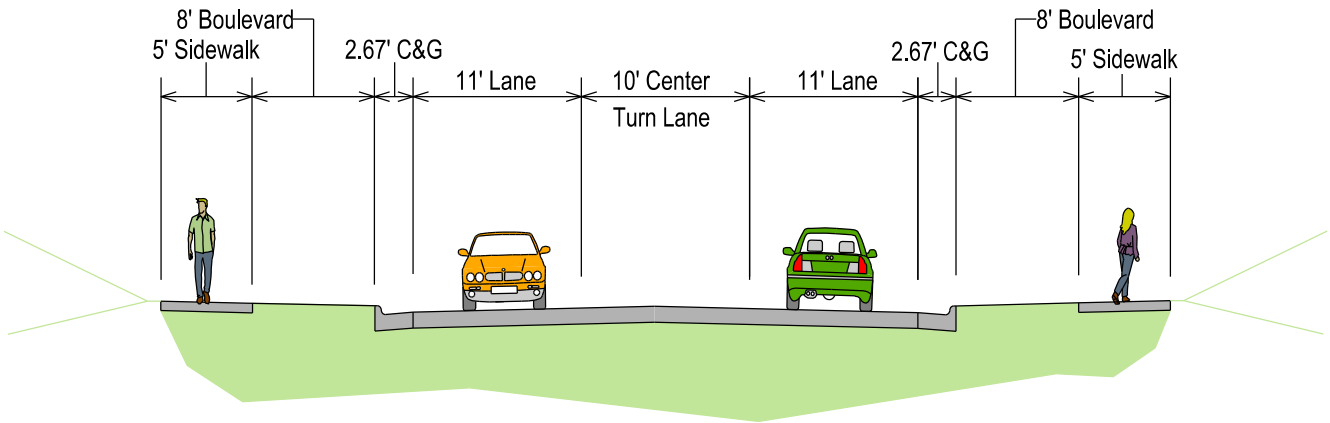


Isometric looking south at station 39+00



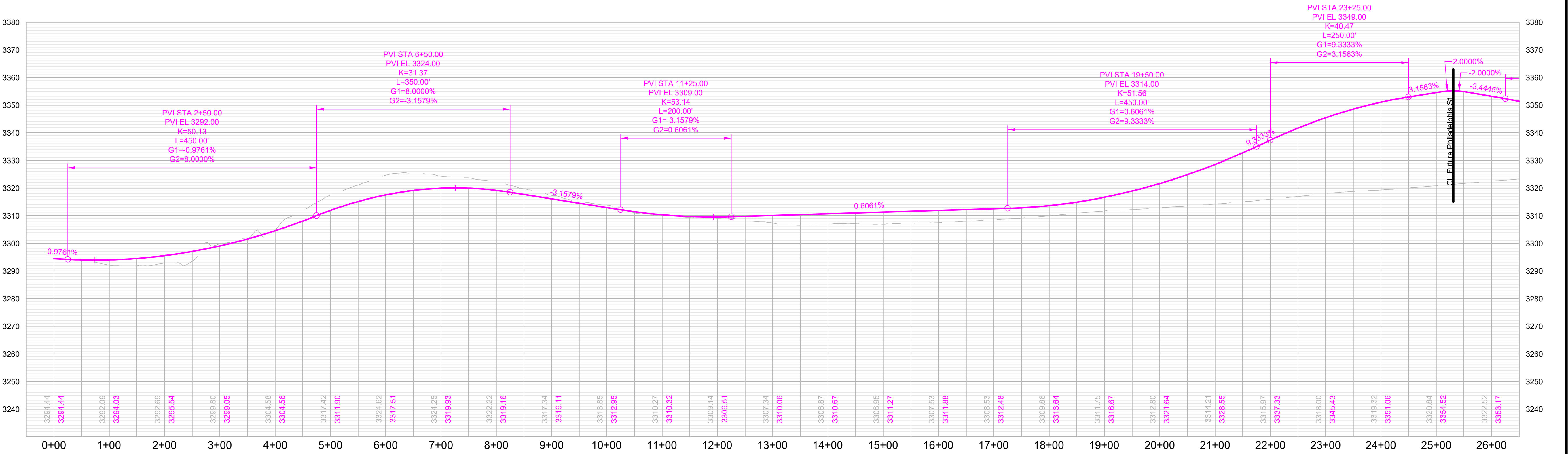
Segment Overview

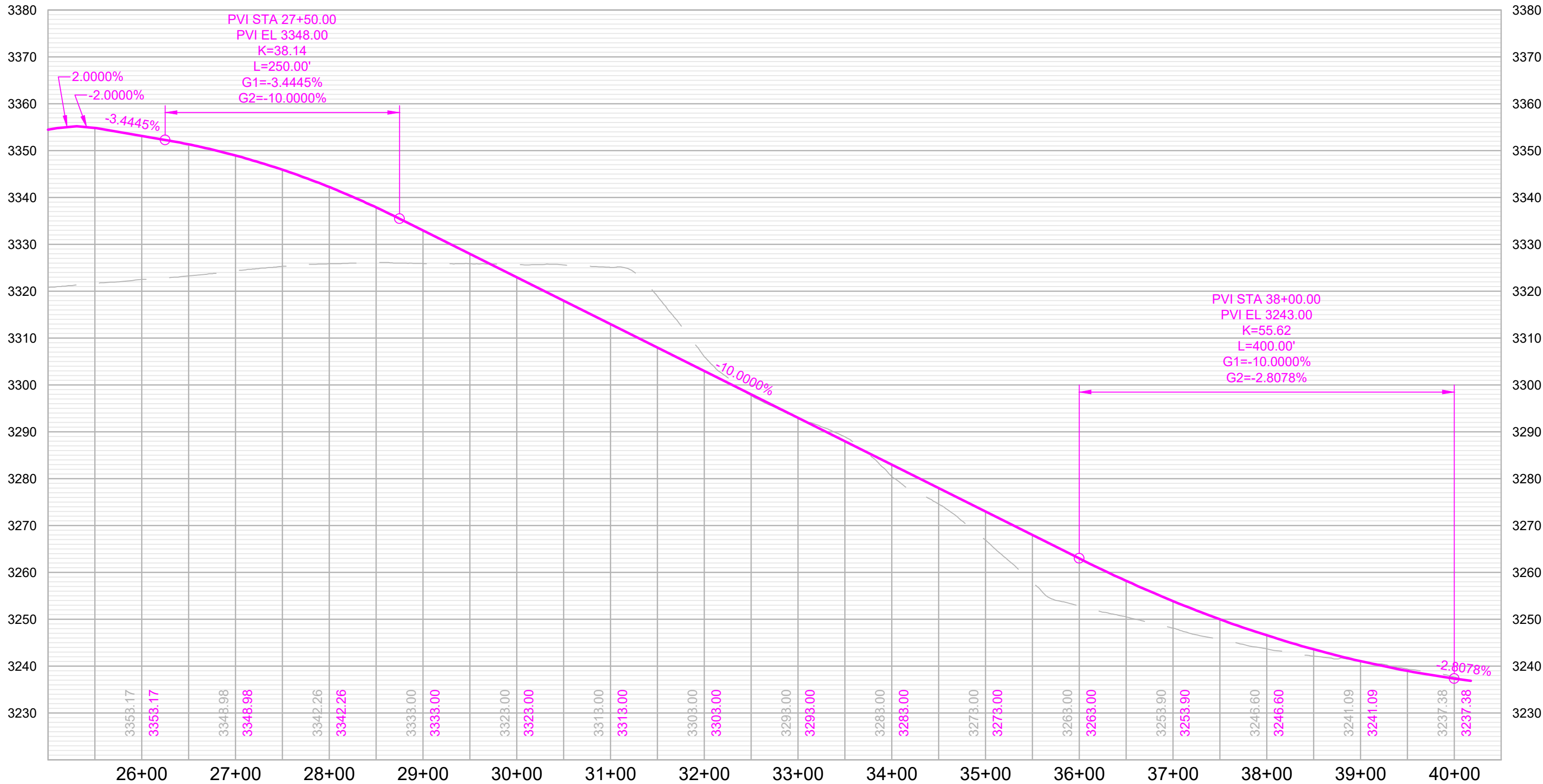
Proposed Typical Section 3 Lane Collector





- Grading Limits
- Anticipated Culvert
- 1' Contour
- ROW/Parcel Boundaries
- Wetland/Fema Boundaries





Twilight Drive

Eastern Terminus to Radar Hill Road

Classification: Minor Arterial

Corridor Length: 9,570 FT

Estimated Quantities

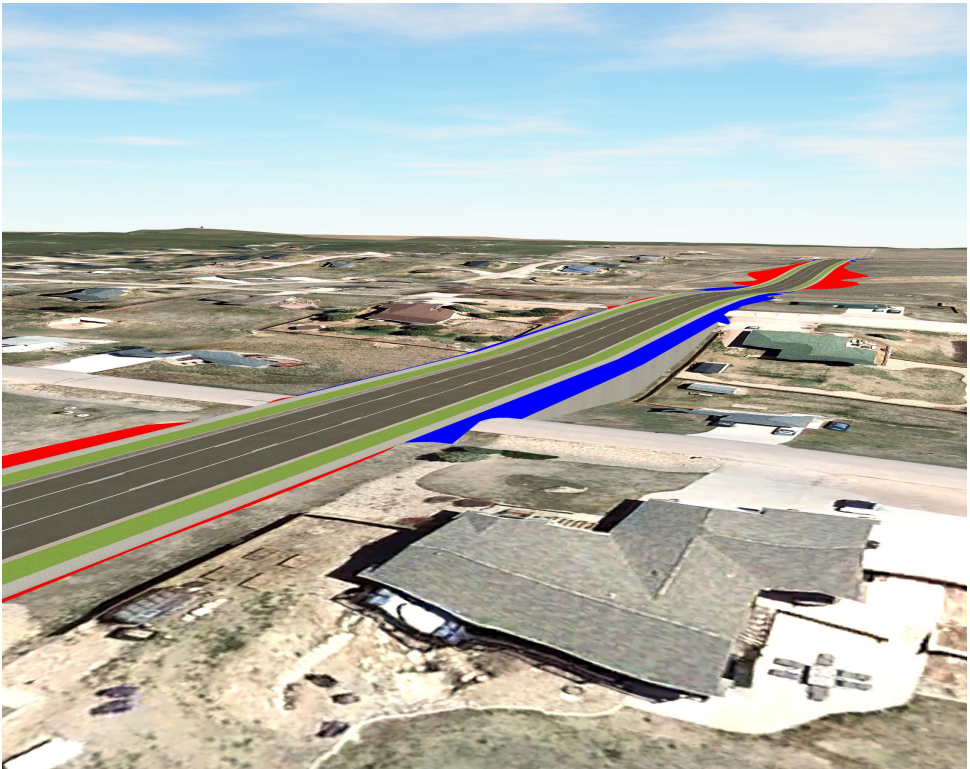
Road Surface: 38,280 SY

Earthwork Cut (Red): 144,158 CY

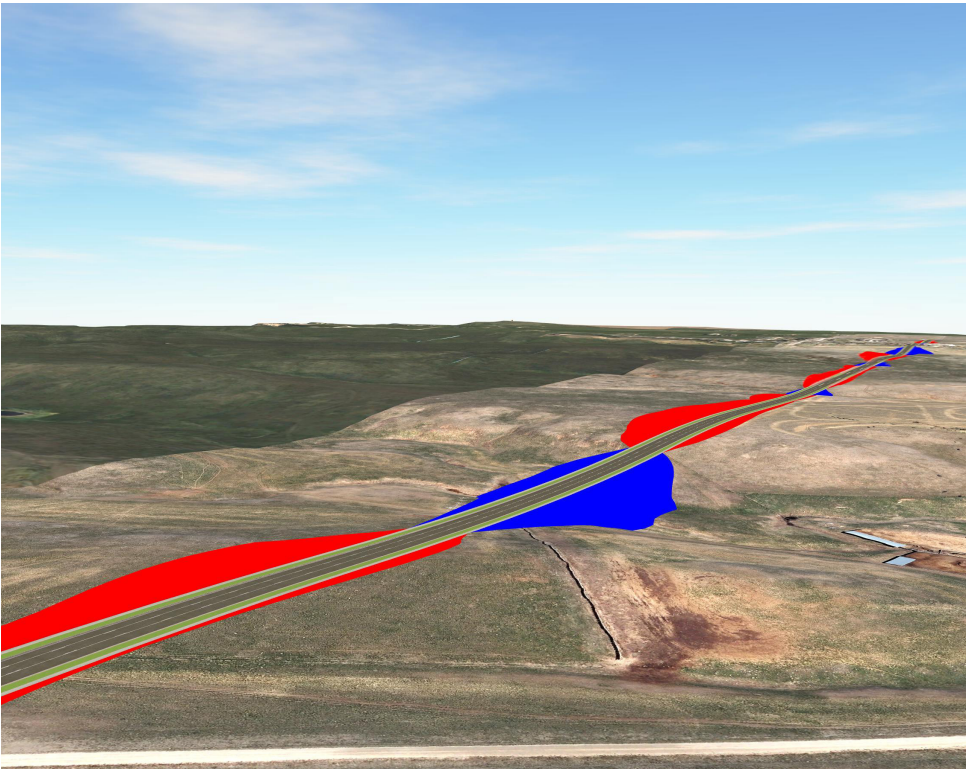
Earthwork Fill (Blue): 312,191 CY

Segment Considerations:

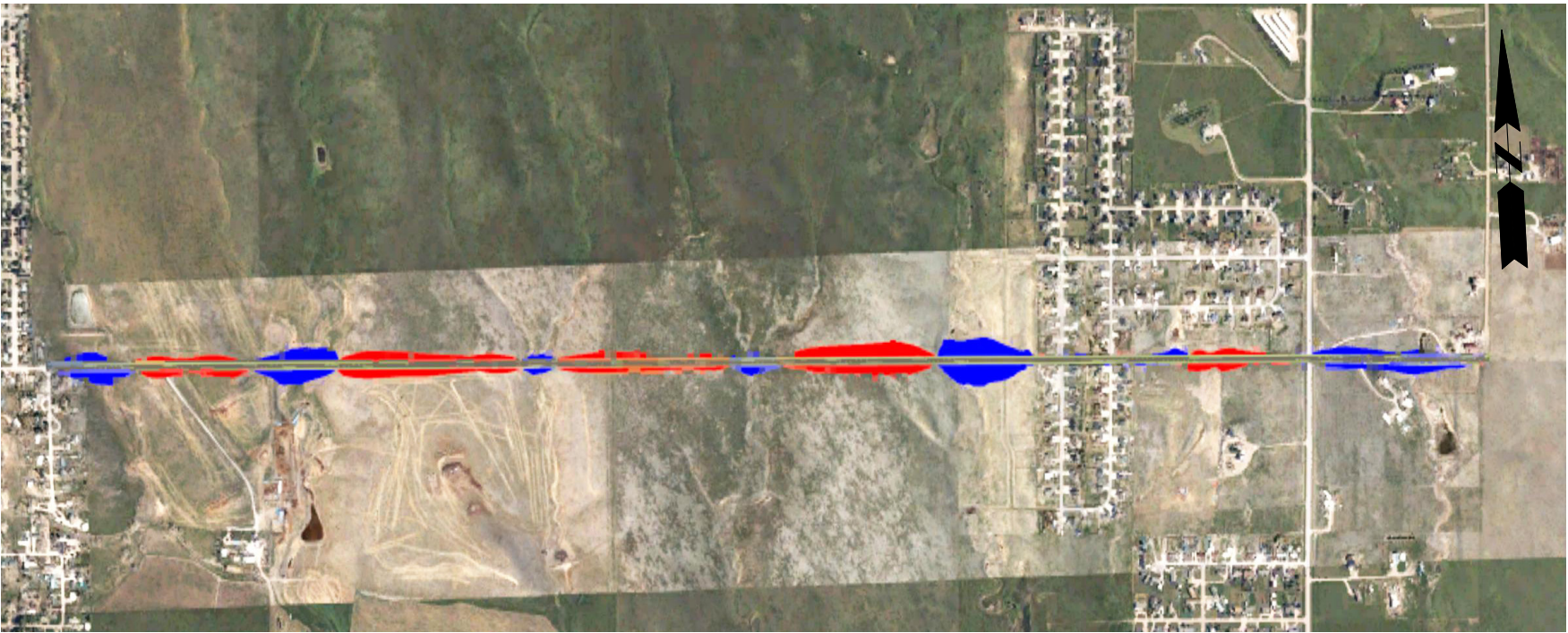
- Design speed reduced to 35 MPH through existing residential areas
- Will need retaining walls to limit impacts on existing properties in the development that has platted ROW.
- Design speed – 45 MPH.



Isometric looking east at station 75+00

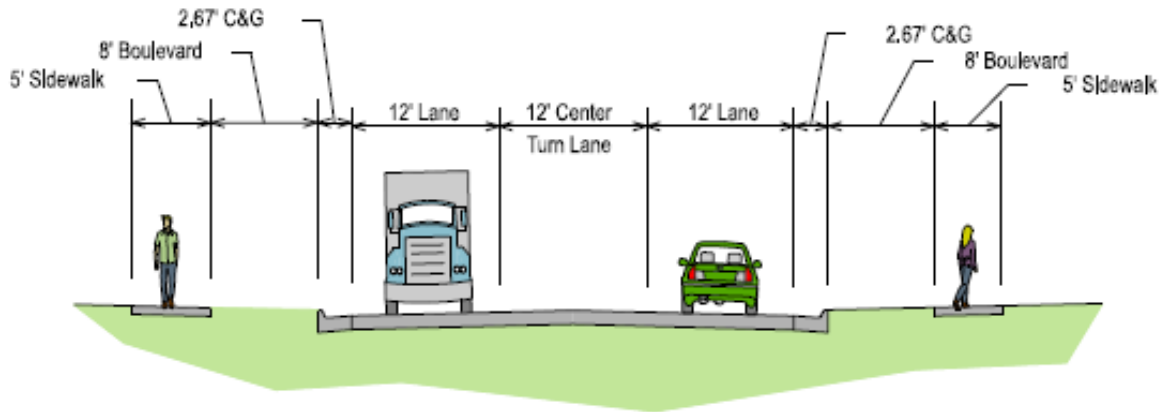


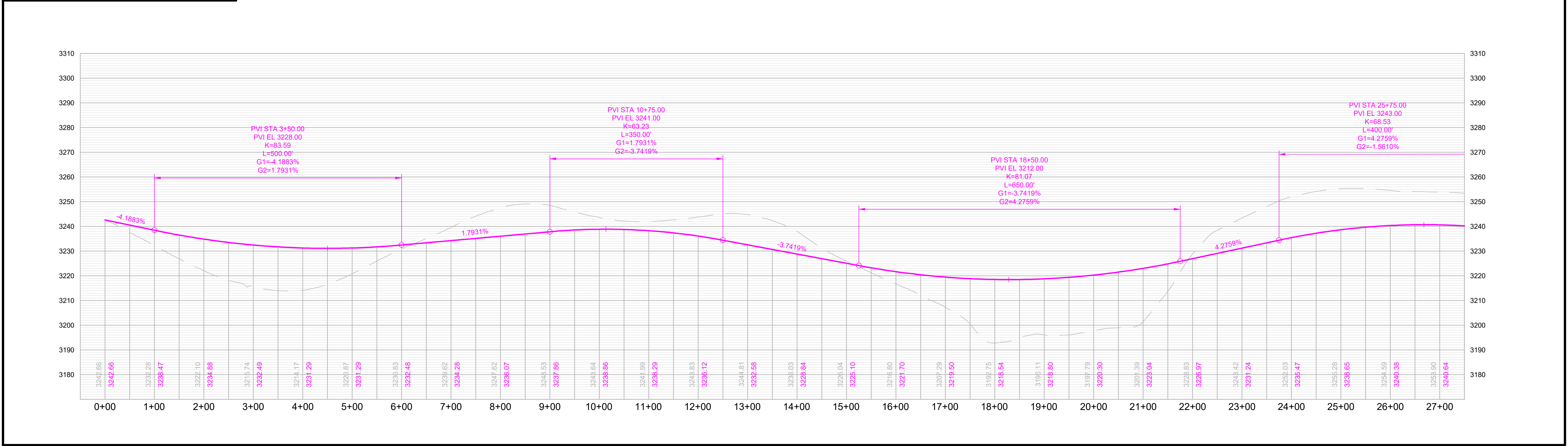
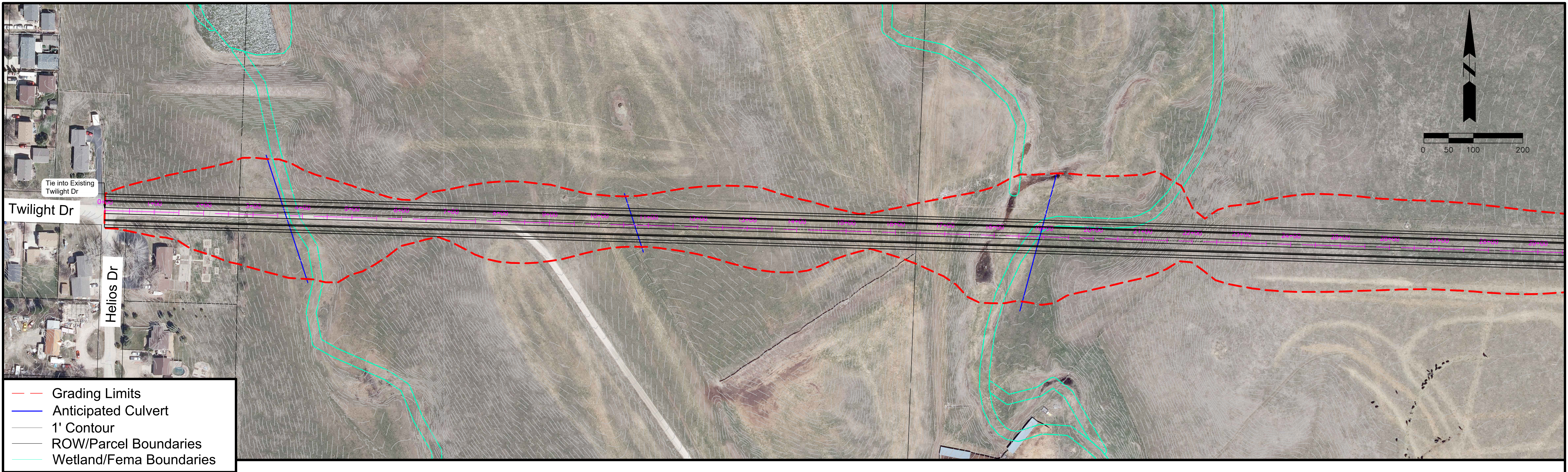
Isometric looking northeast at station 7+00

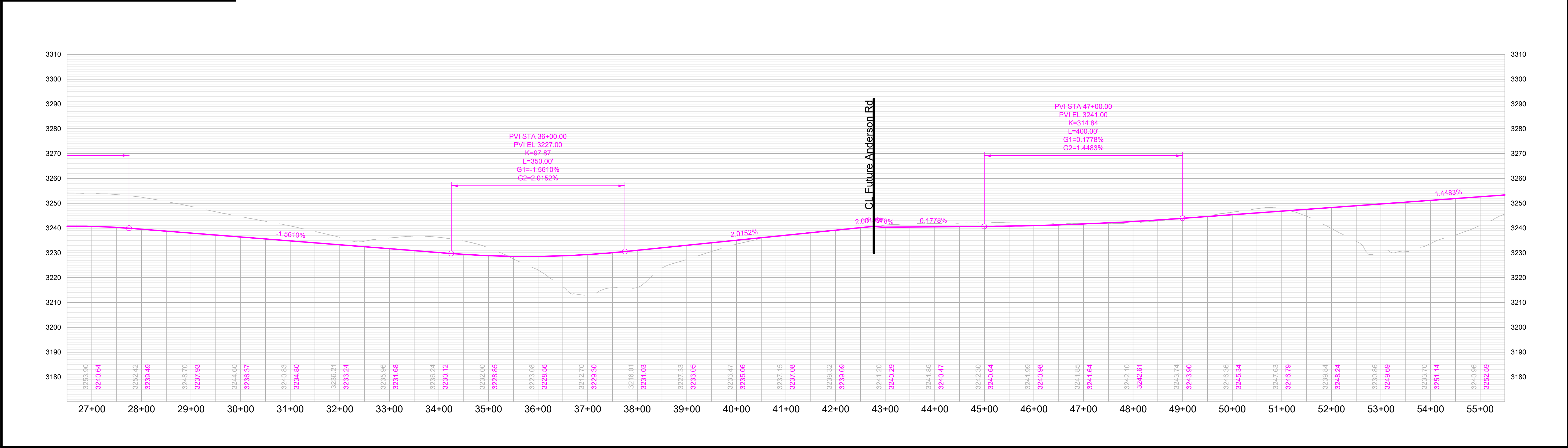
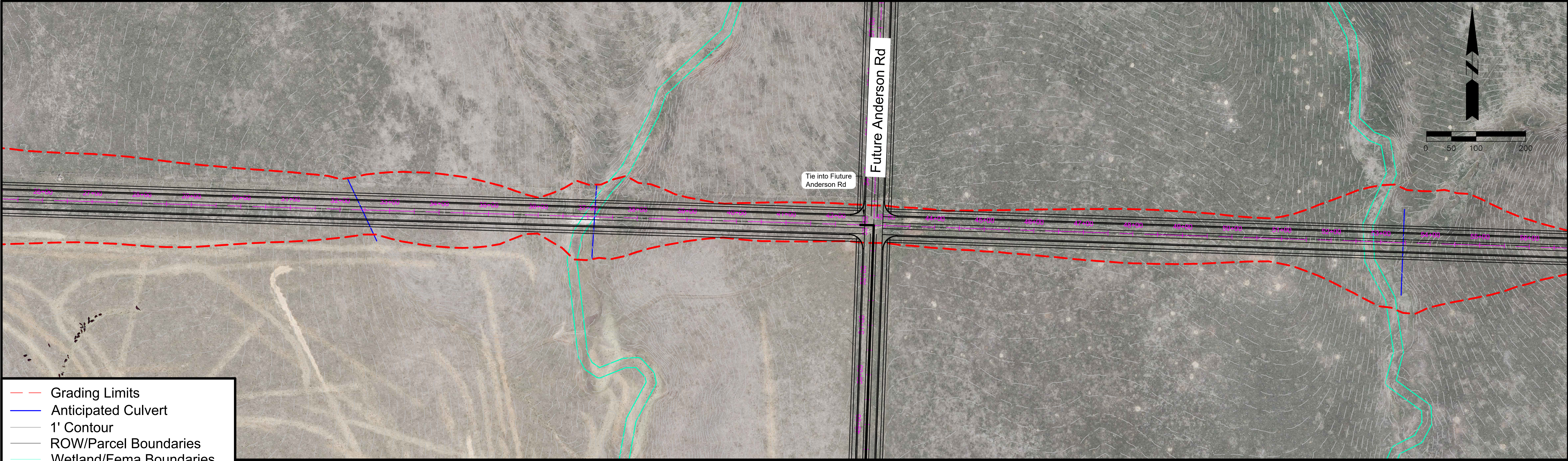


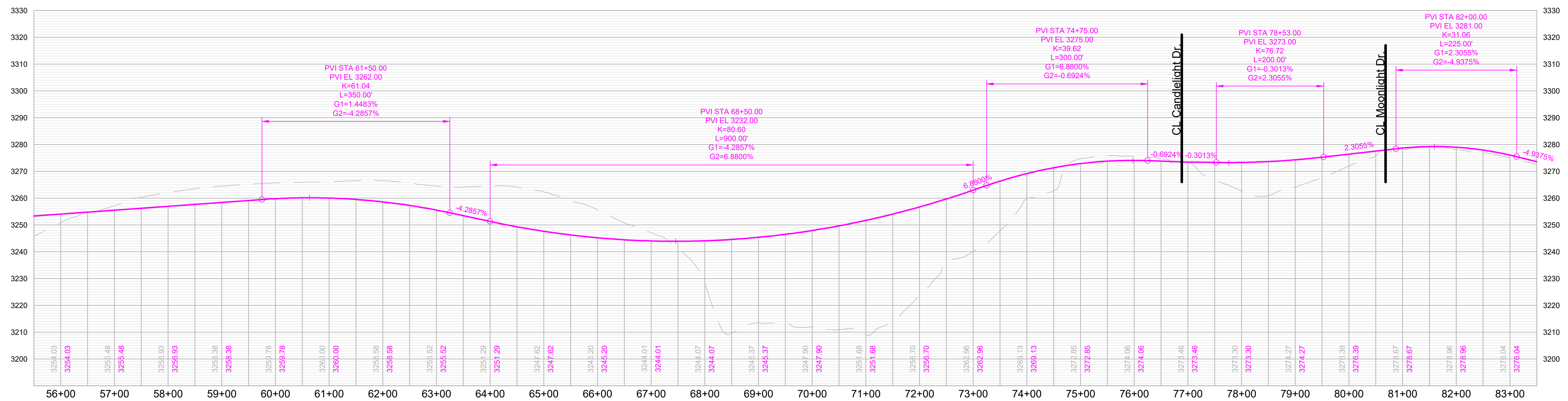
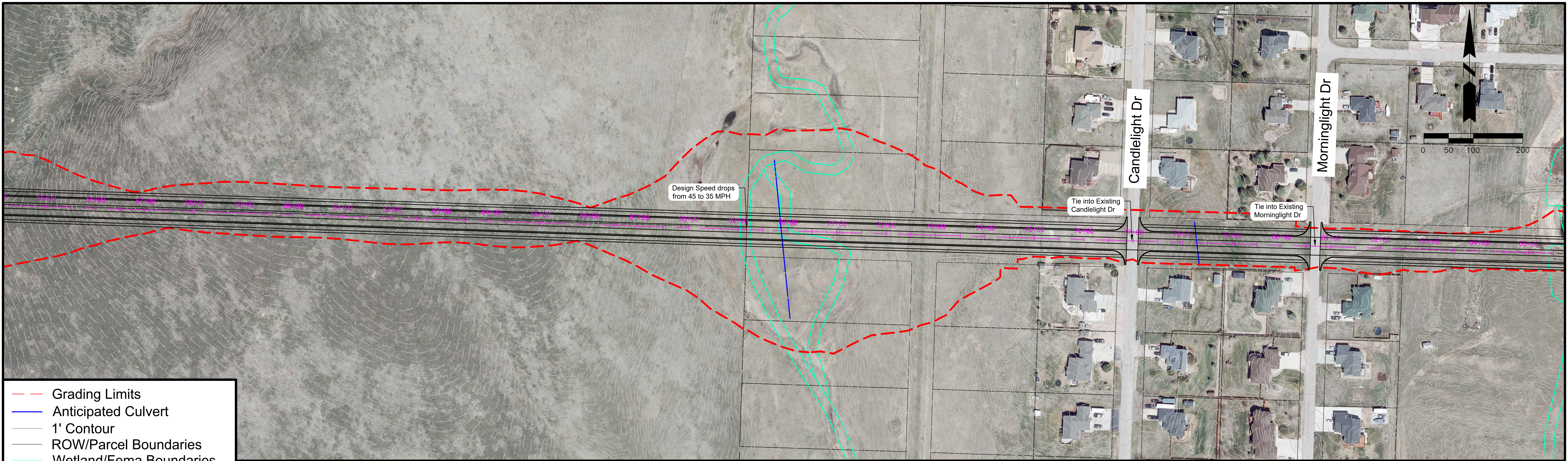
Segment Overview

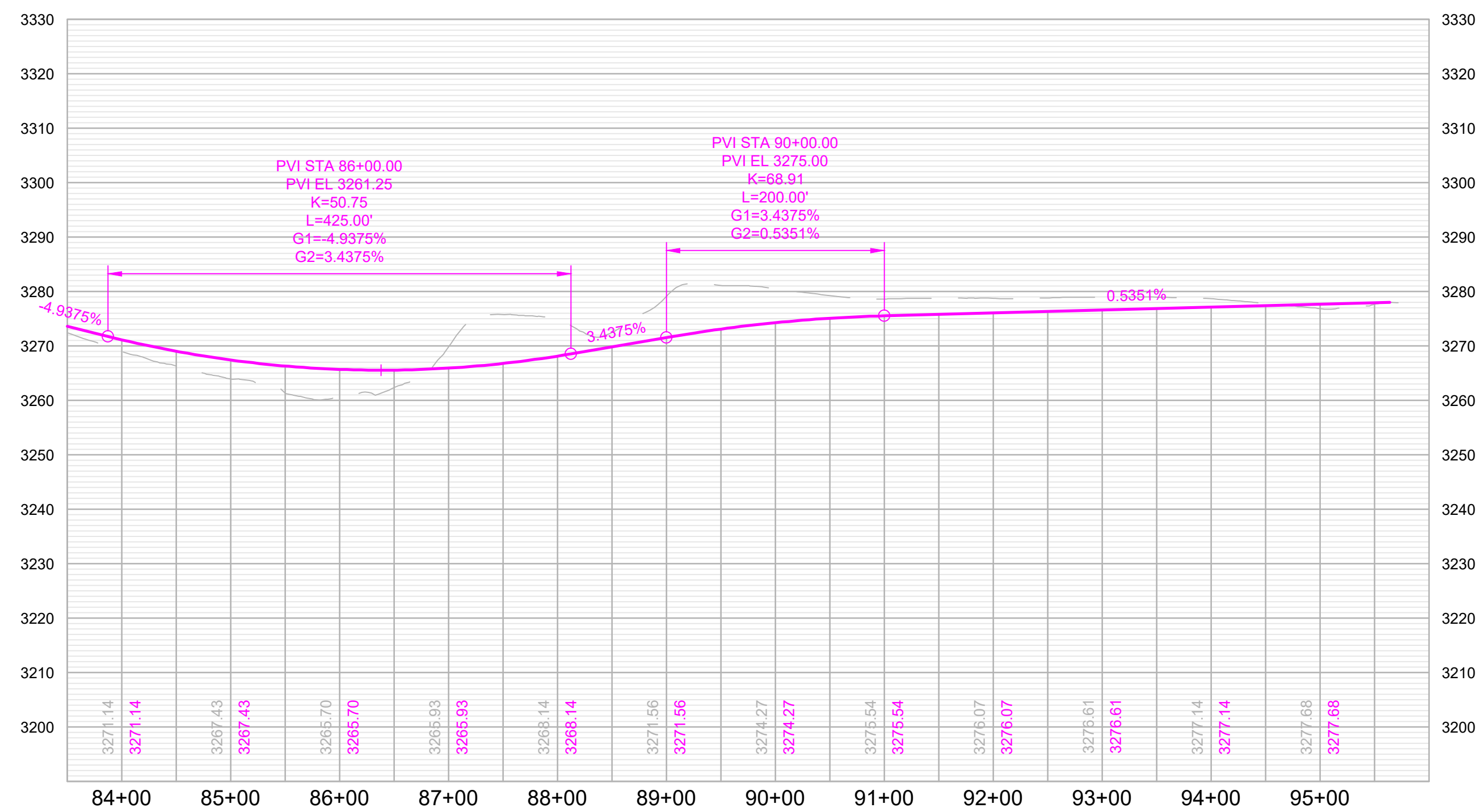
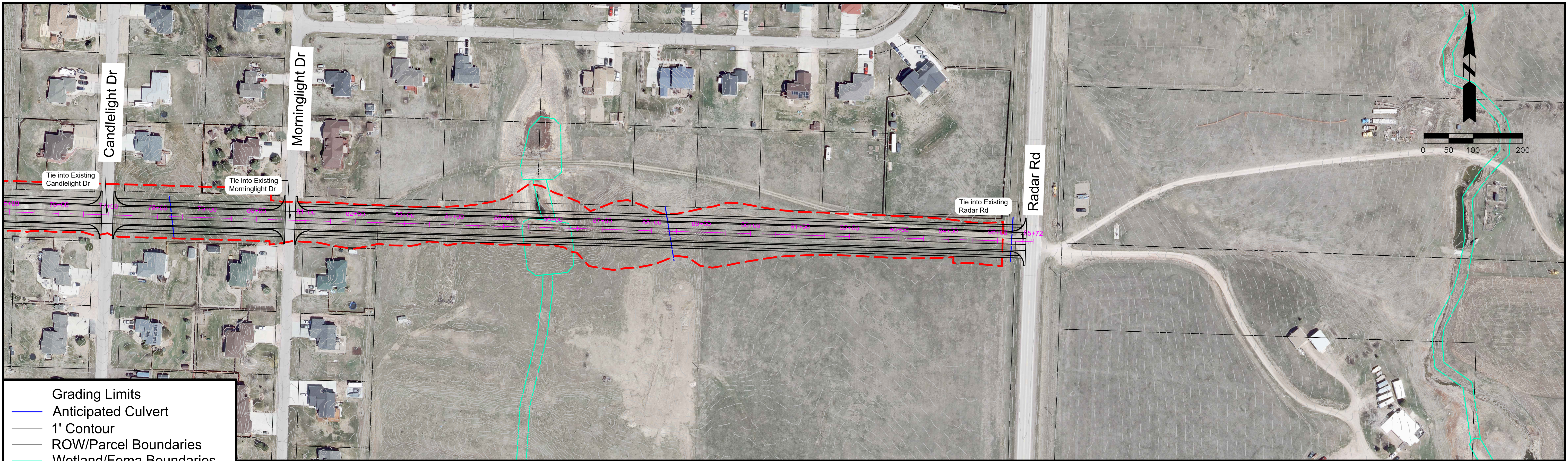
Proposed Typical Section 3 Lane Minor Arterial











E Saint James Street

Saint Joseph Street to Western Terminus

Classification: Minor Arterial

Corridor Length: 750 FT

Estimated Quantities

Road Surface: 3,000 SY

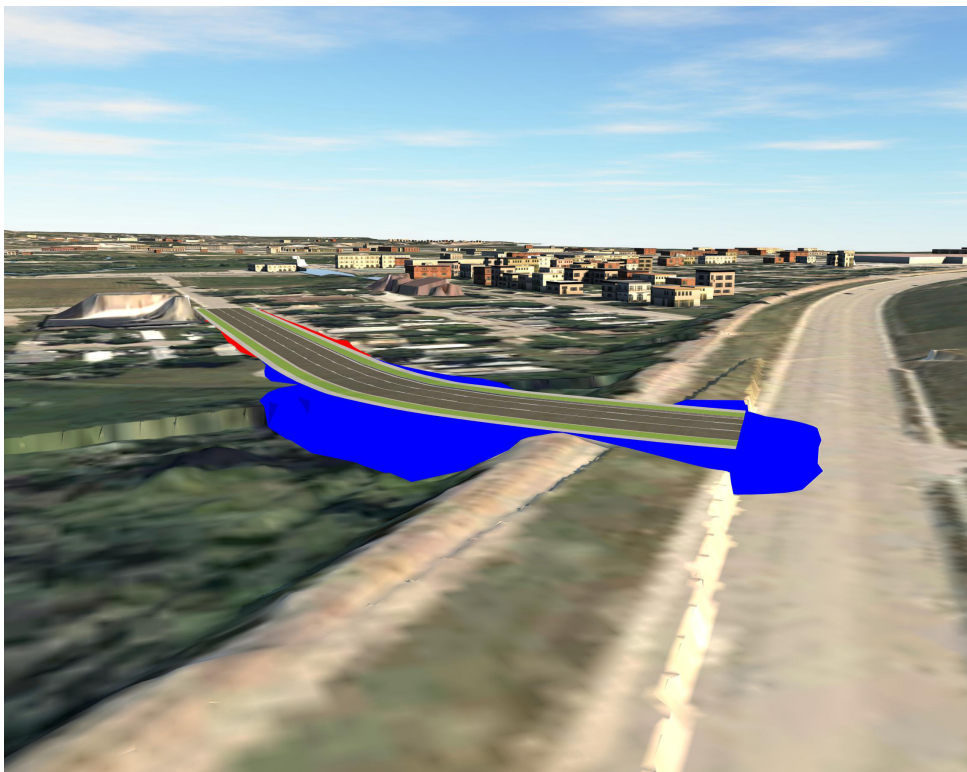
Earthwork Cut (Red): 643 CY

Earthwork Fill (Blue): 12,100 CY

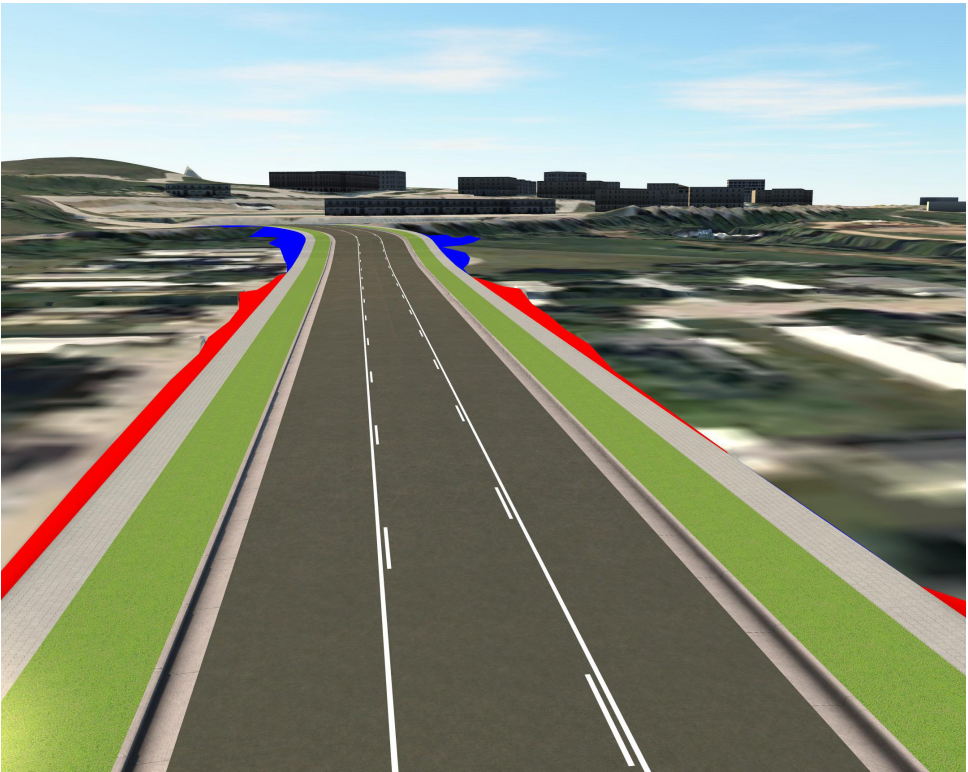
Segment Considerations:

- Space for one vehicle between the stop bar and the railroad tracks at Saint Joesph intersection.
- Railroad access permit required.
- A grade raise on Saint Joseph Street of approximately 7 feet and retaining wall along SDSMT parking lot will likely be required to accommodate connection.
- Grading is impacting floodway, and the 100 year and 500 year floodplain.
- Design speed – 45 MPH.

Segment ID: 29



Isometric looking southeast at station 0+50

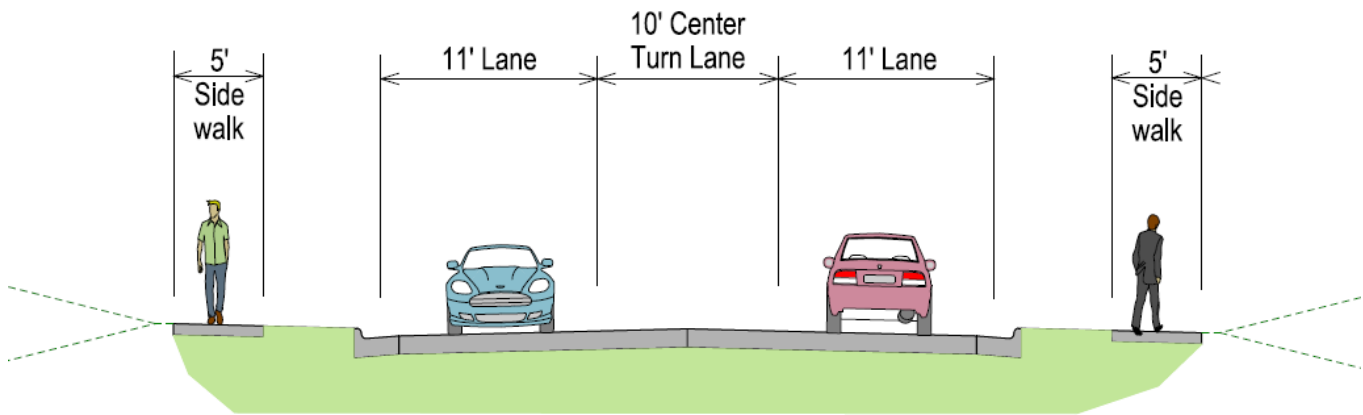


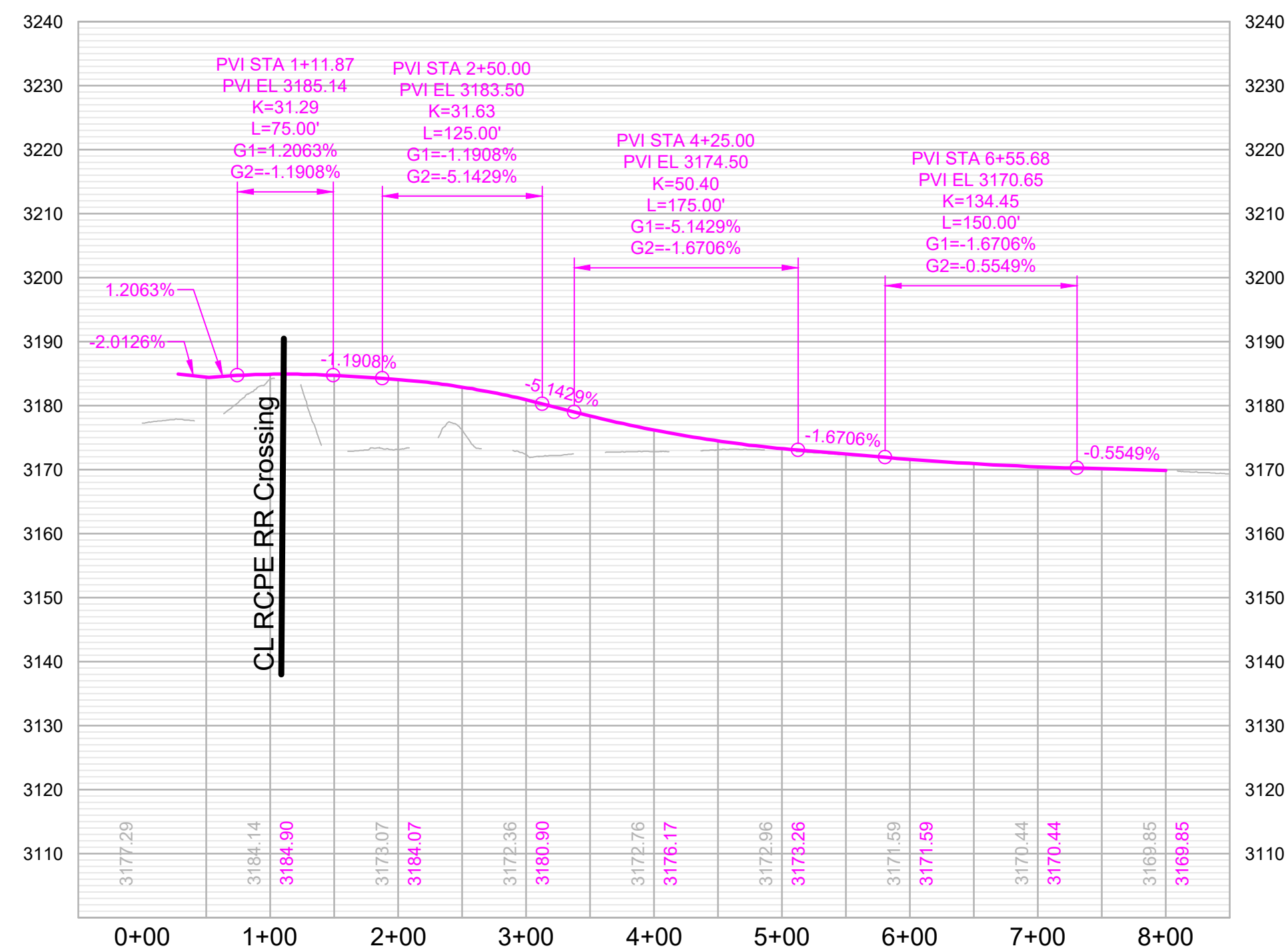
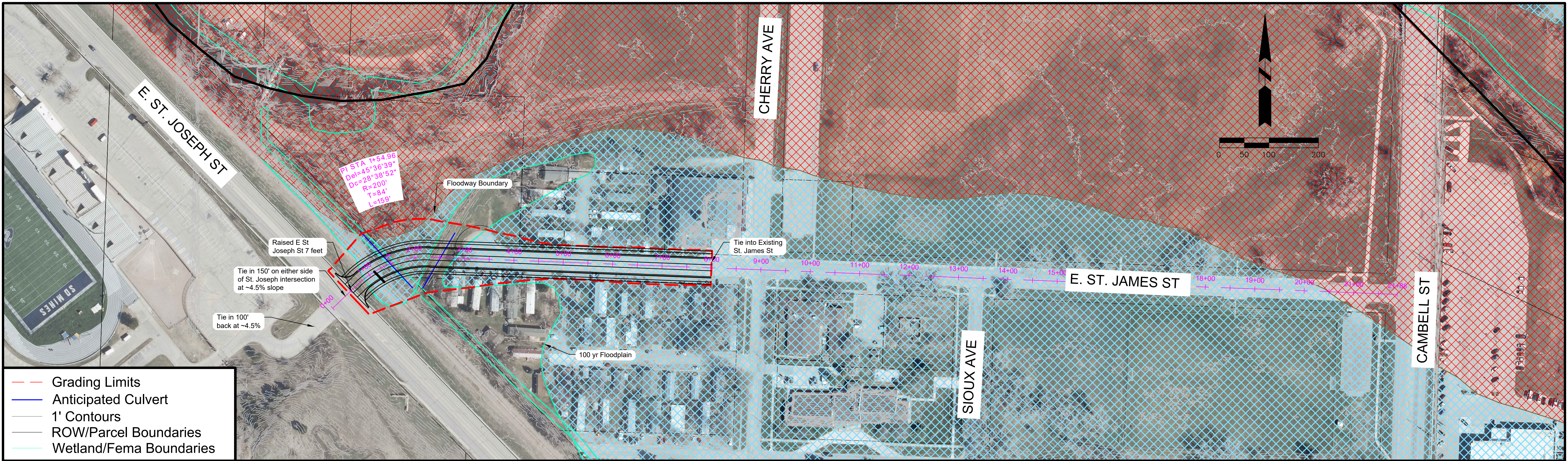
Isometric looking west at station 7+00



Segment Overview

Proposed Typical Section 3 Lane Minor Arterial





Mercury Drive

Stellar Drive to Quarter Horse Drive

Classification: Collector

Corridor Length: 8,591 FT

Estimated Quantities

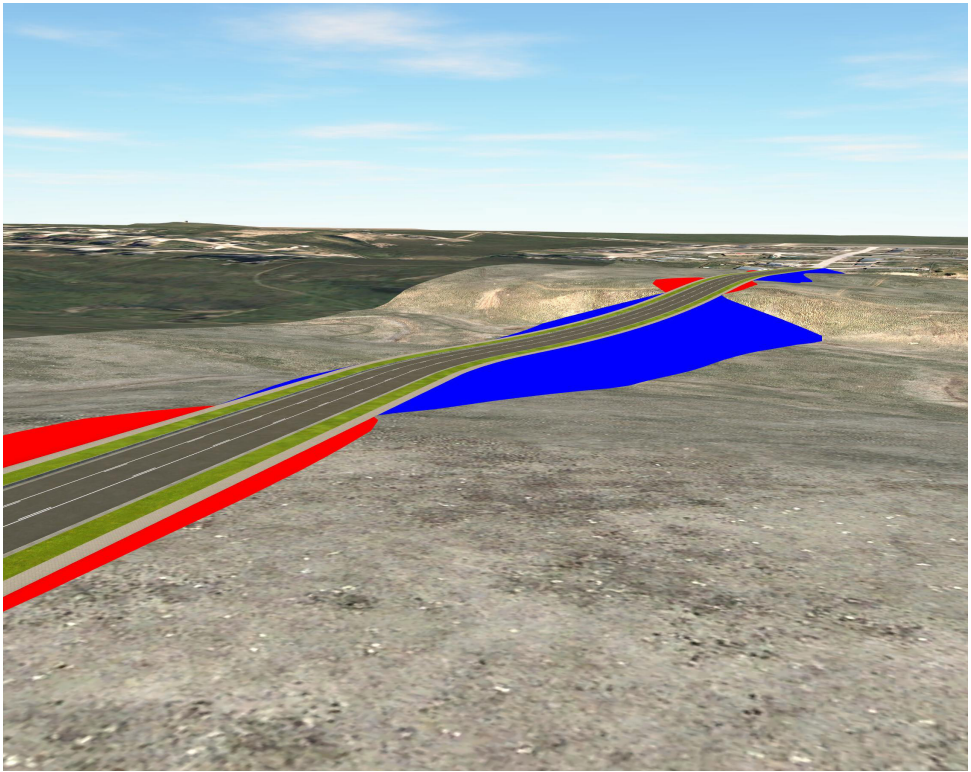
Road Surface: 30,546 SY

Earthwork Cut (Red): 18,445 CY

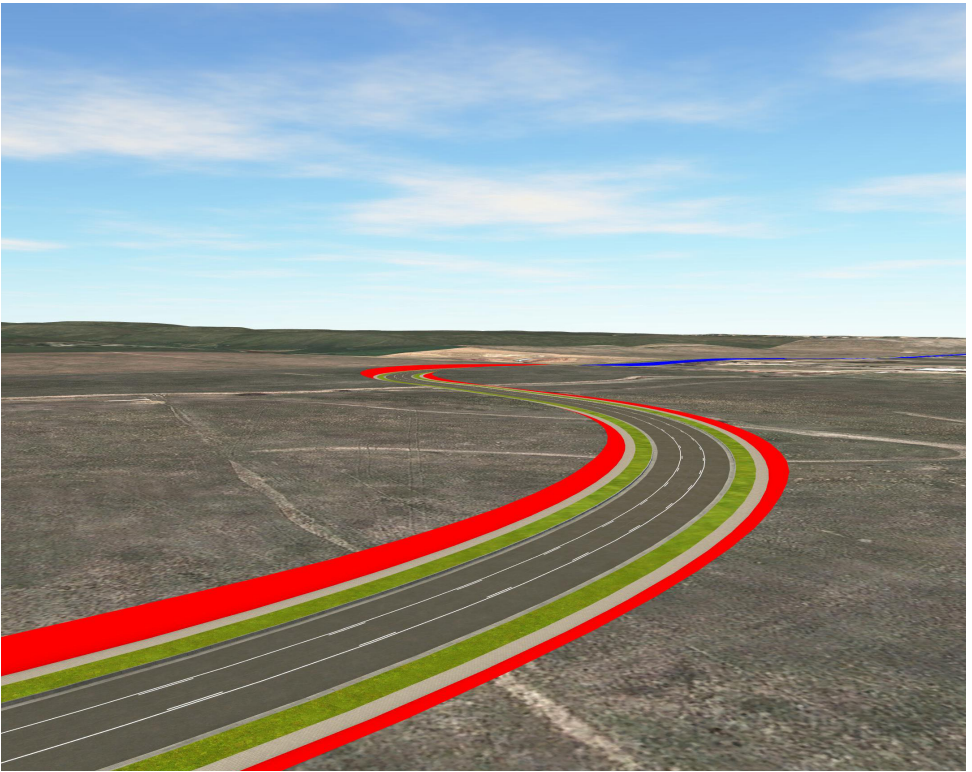
Earthwork Fill (Blue): 111,520 CY

Segment Considerations:

- Design speed – 35 MPH.



Isometric looking northeast at station 72+00

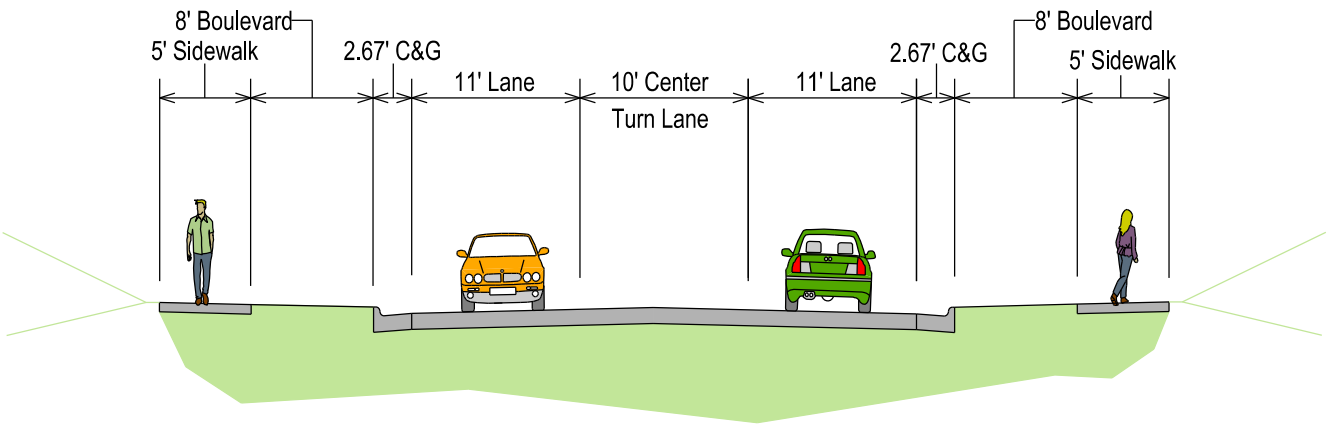


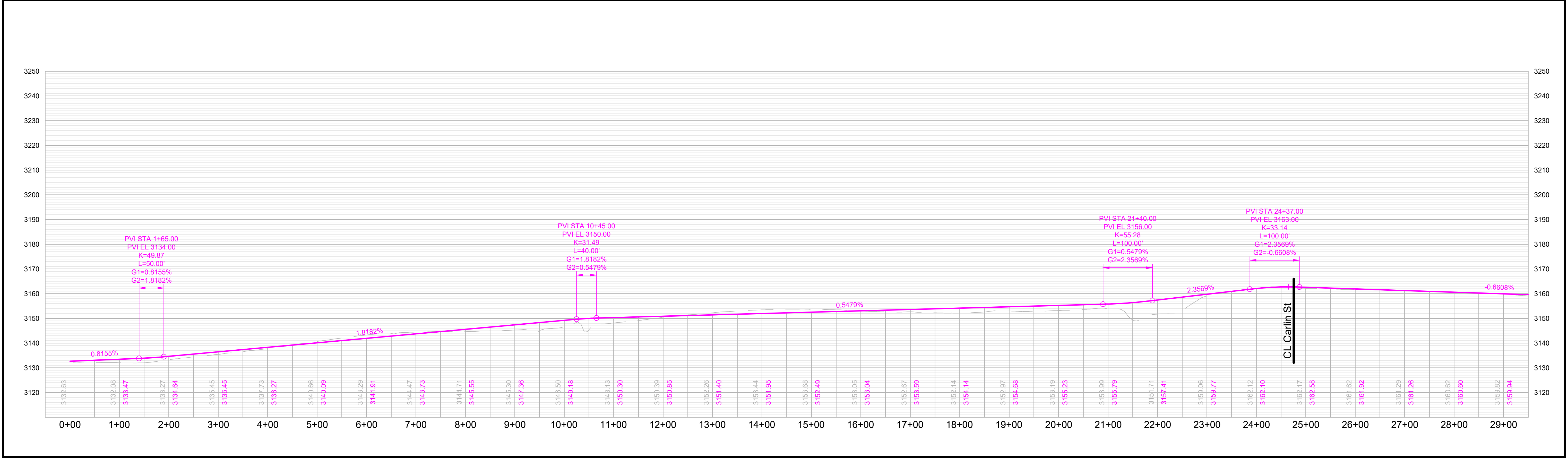
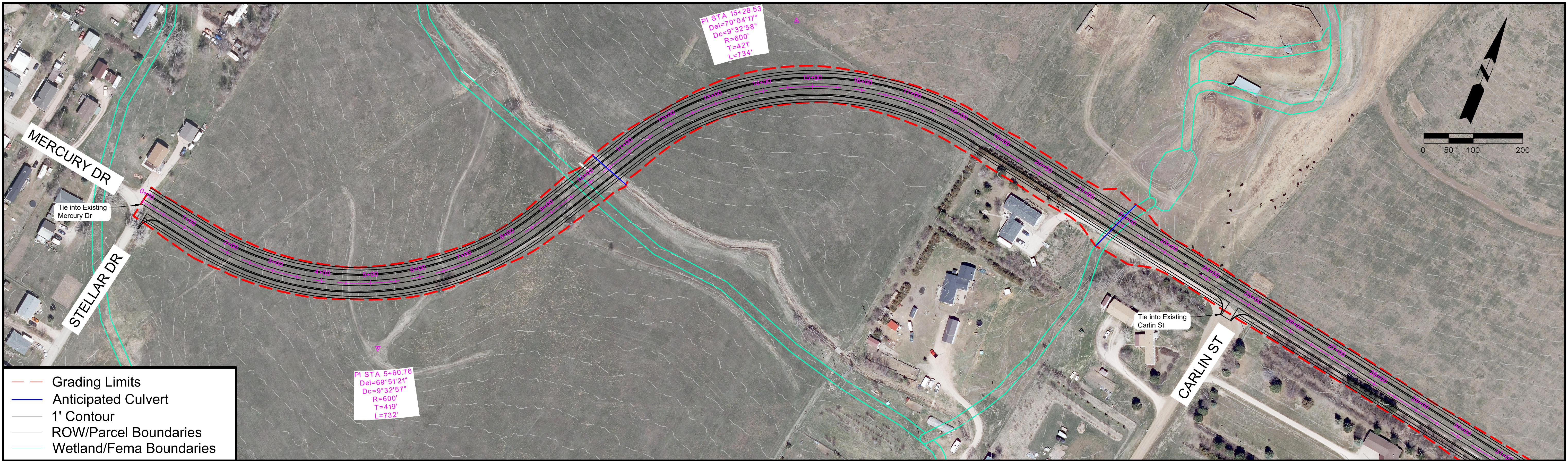
Isometric looking southwest at station 3+00

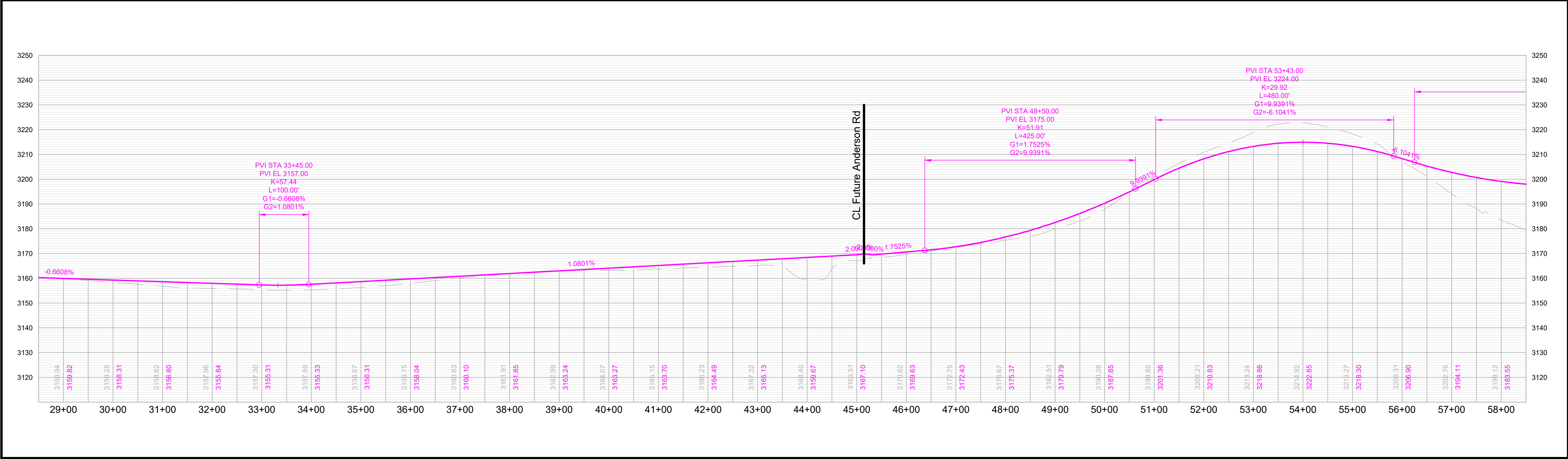
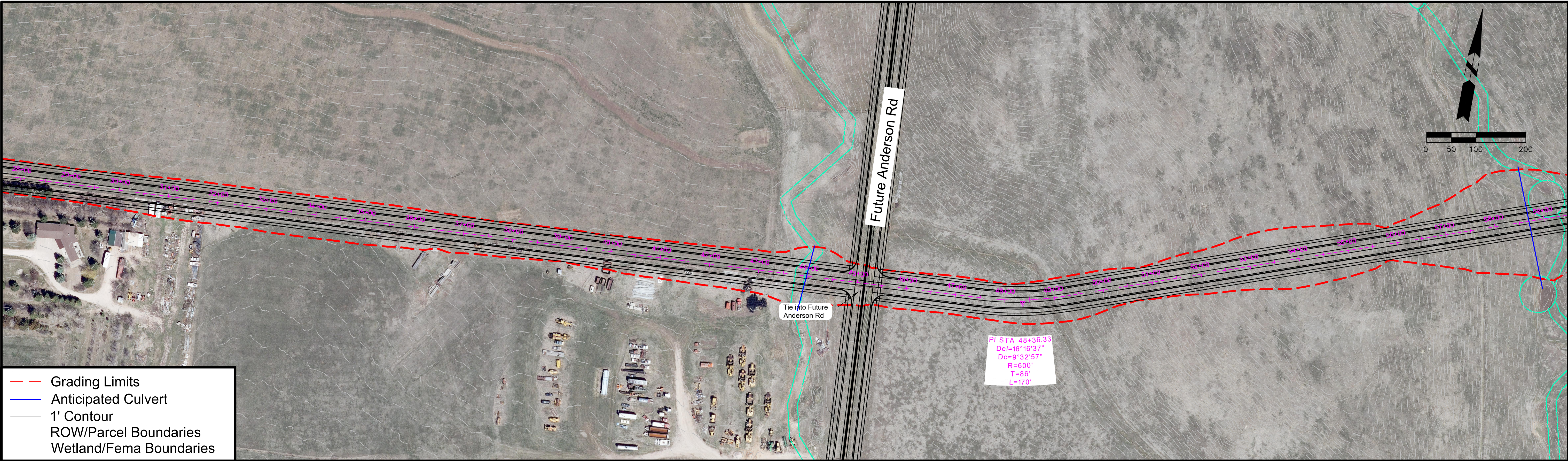


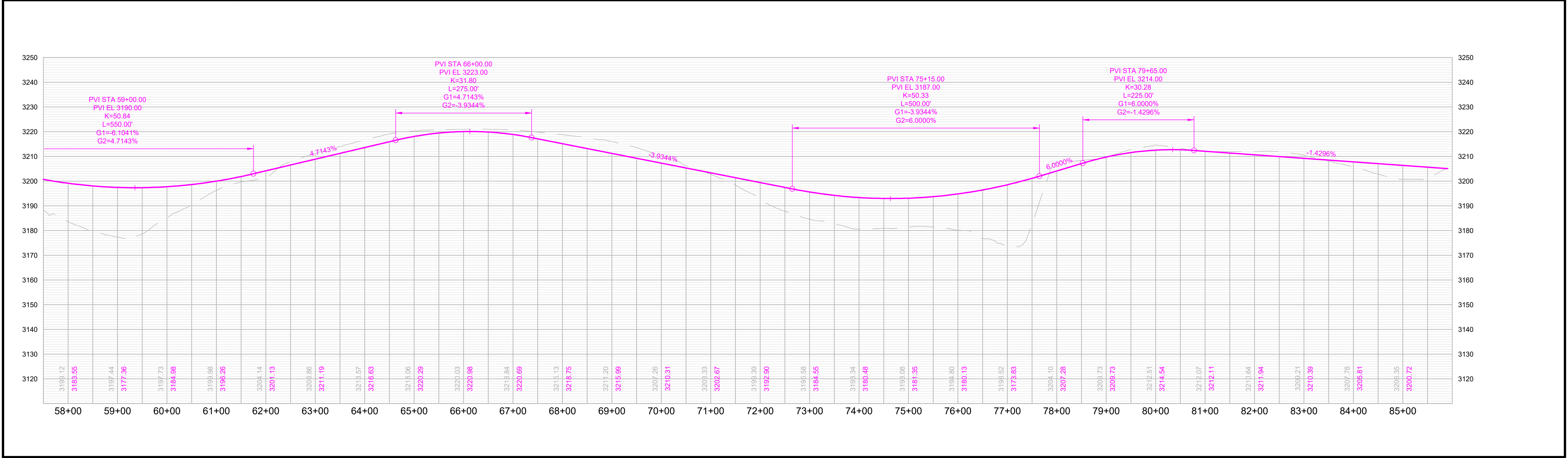
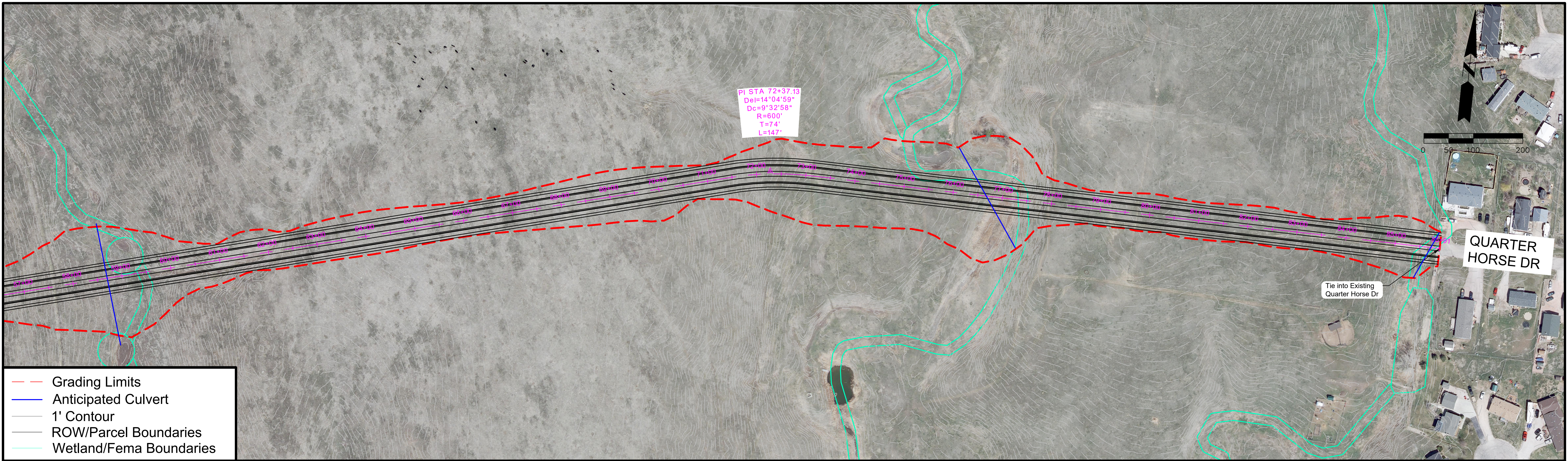
Segment Overview

Proposed Typical Section 3 Lane Collector









Anderson Road

Long View Road to Anamosa Street

Classification: Minor Arterial

Corridor Length: 10,660 FT

Estimated Quantities

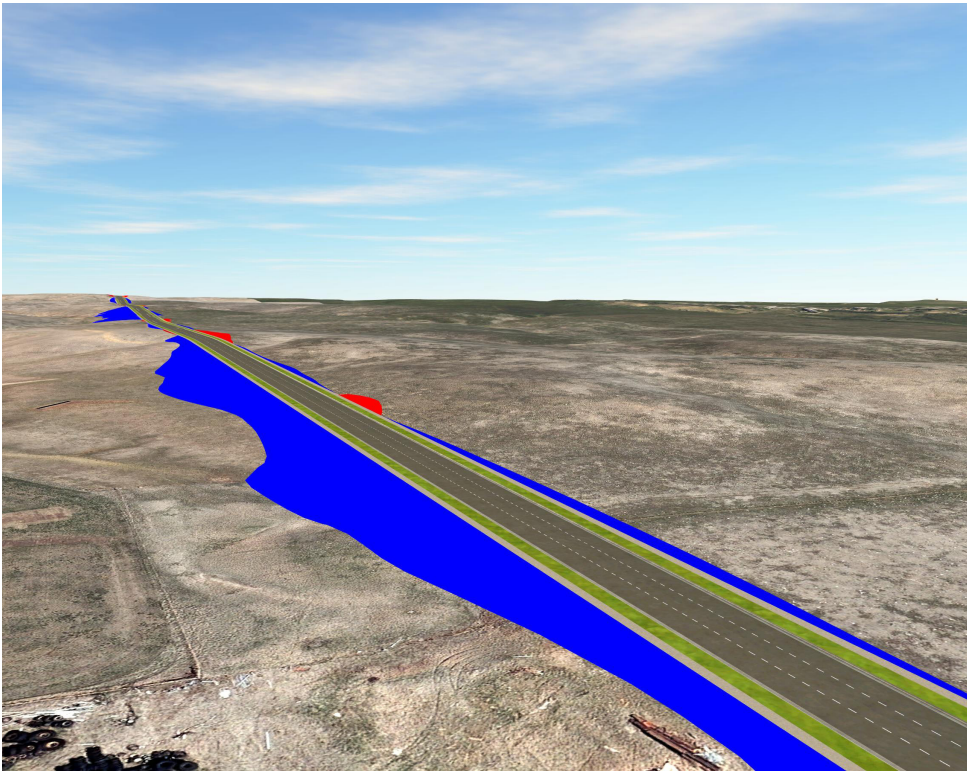
Road Surface: 42,640 SY

Earthwork Cut (Red): 53,034 CY

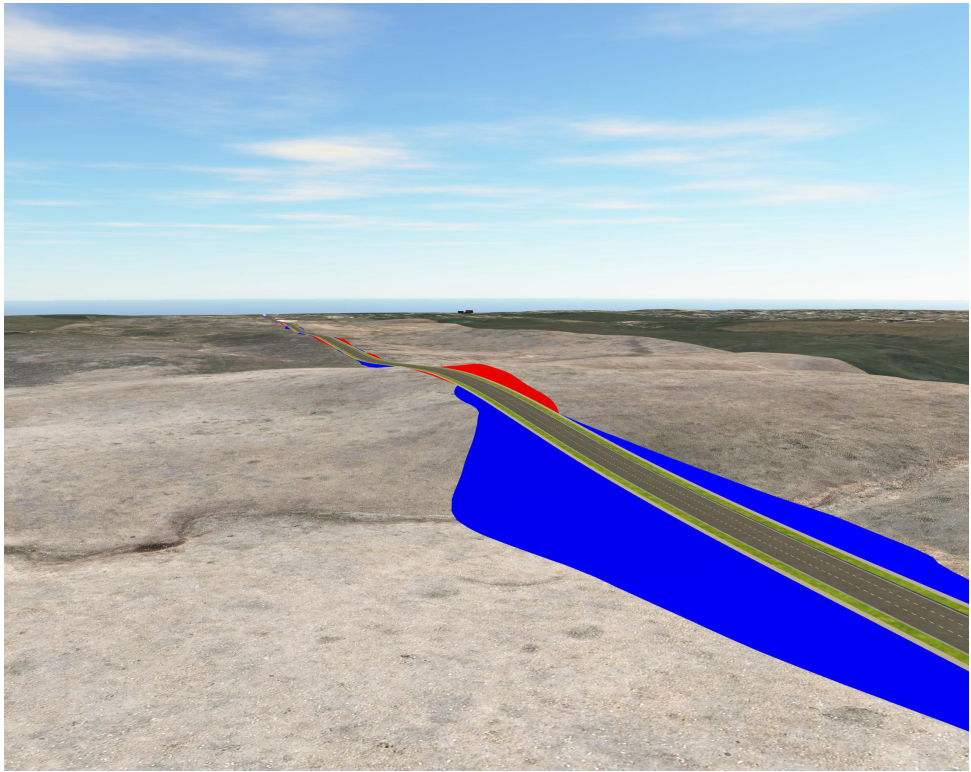
Earthwork Fill (Blue): 181,968 CY

Segment Considerations:

- Design speed – 45 MPH.



Isometric looking north at station 26+00

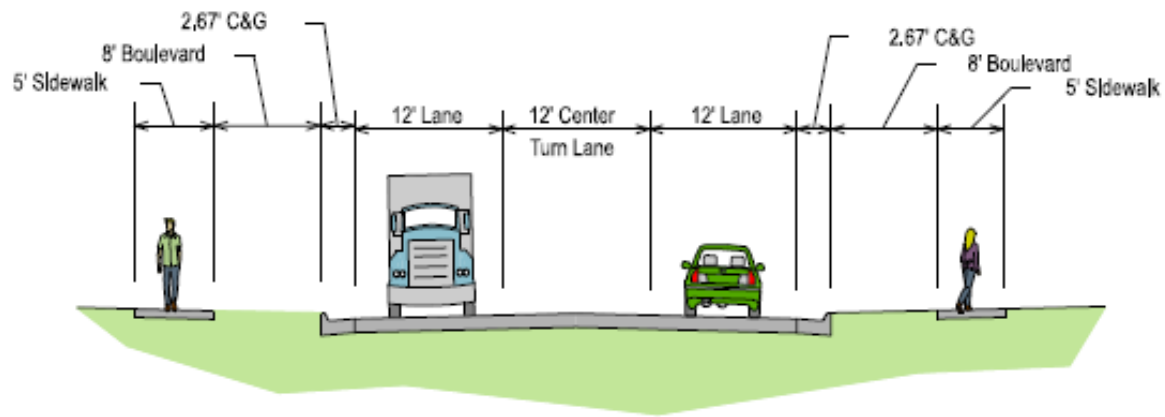


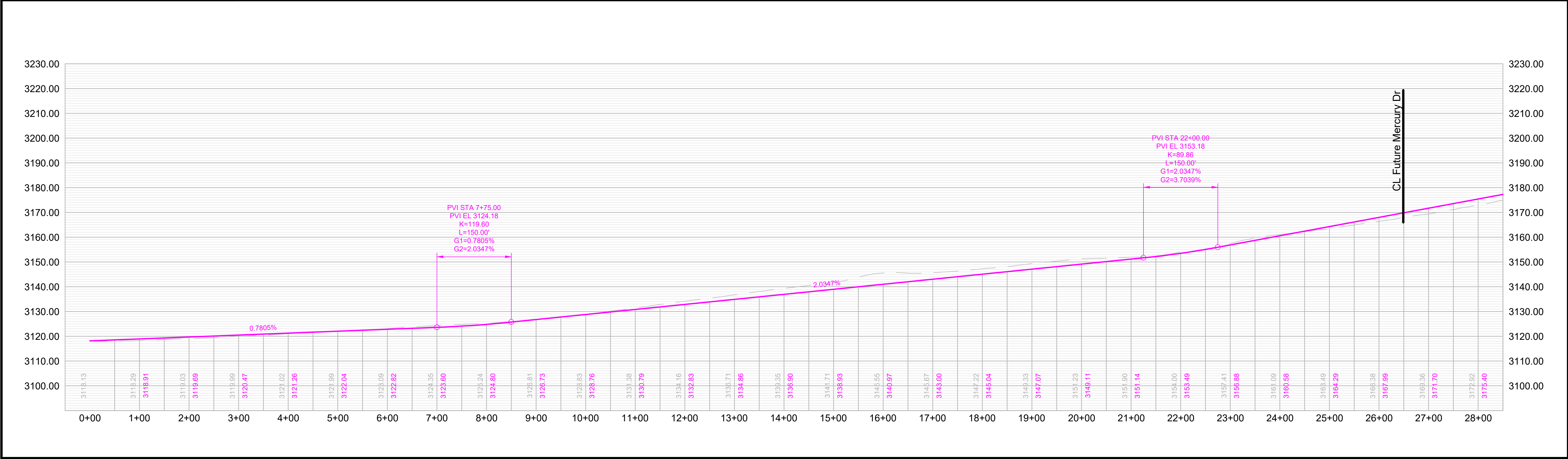
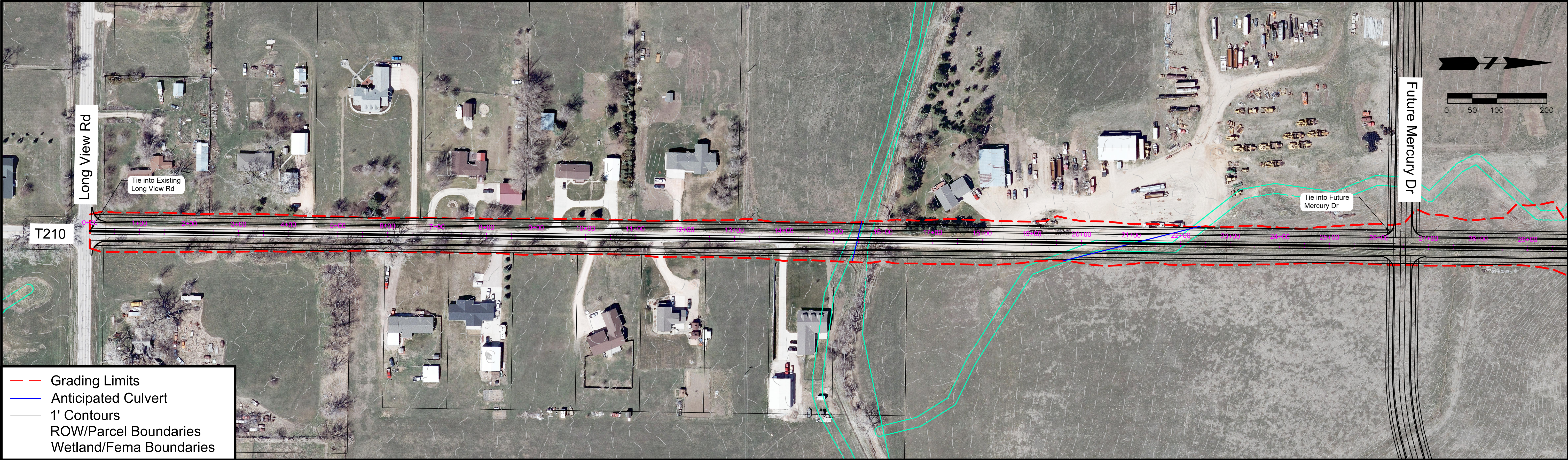
Isometric looking southeast at station 104+00



Segment Overview

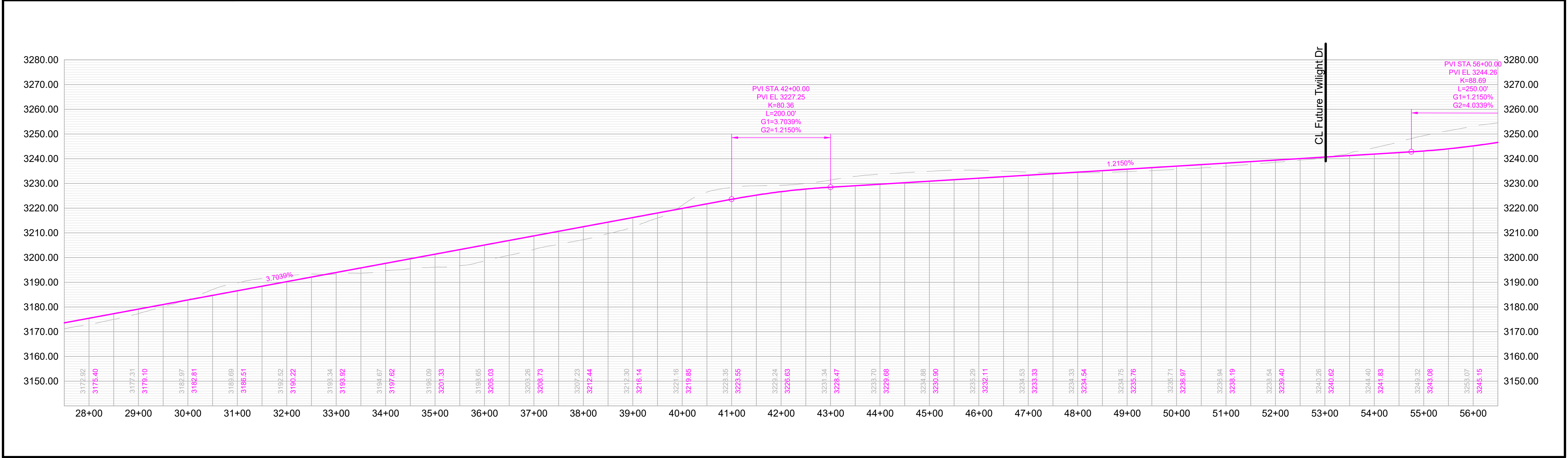
Proposed Typical Section 3 Lane Minor Arterial

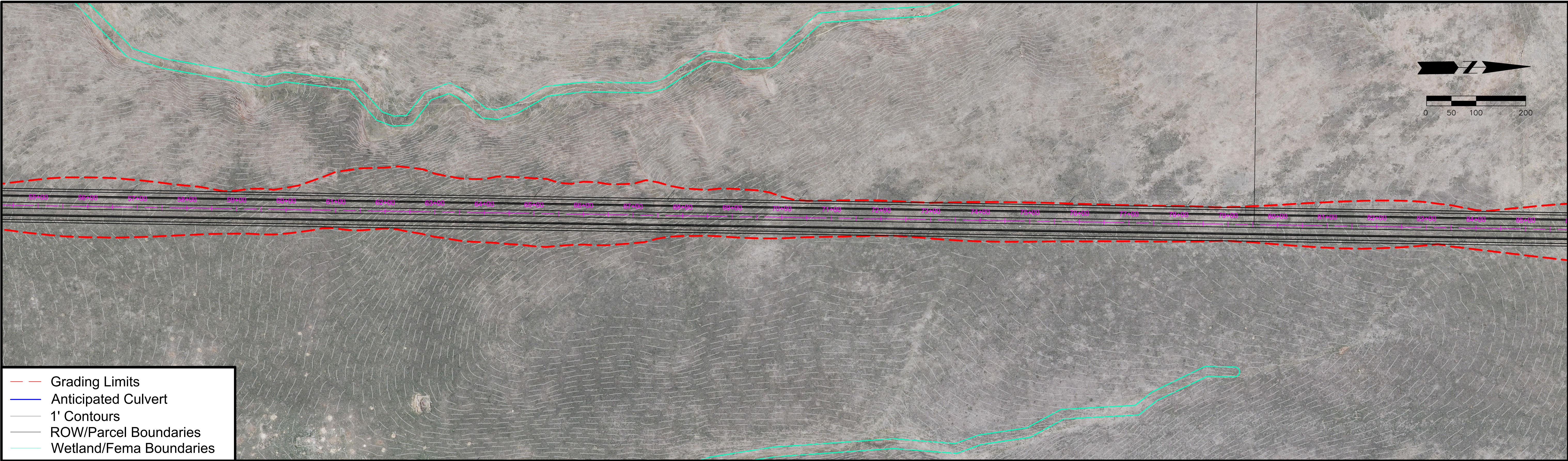




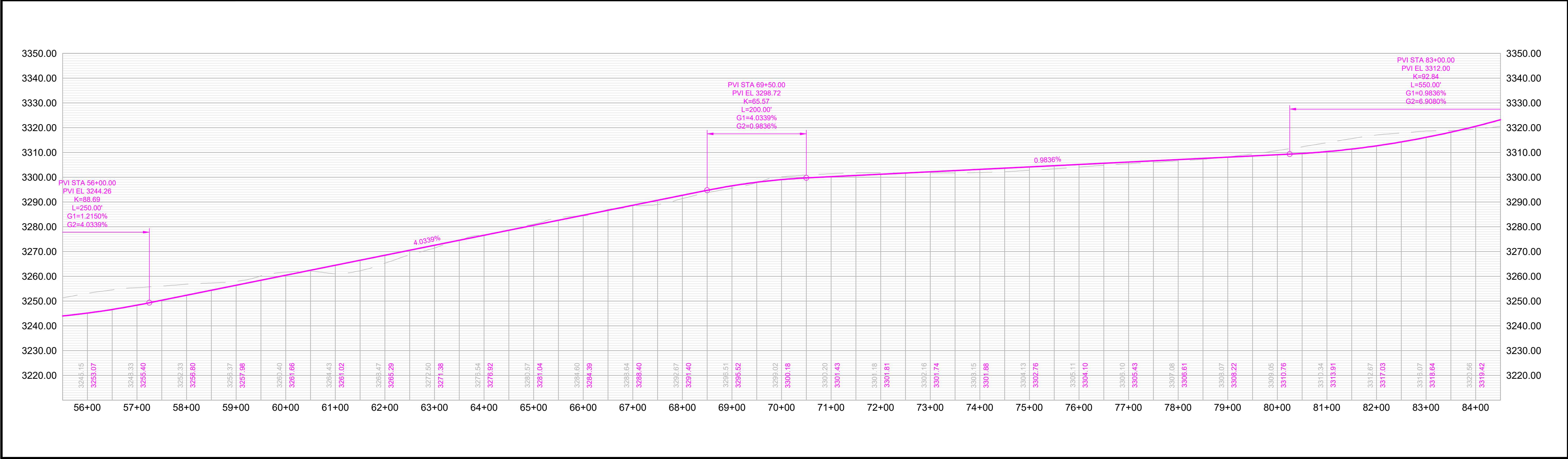


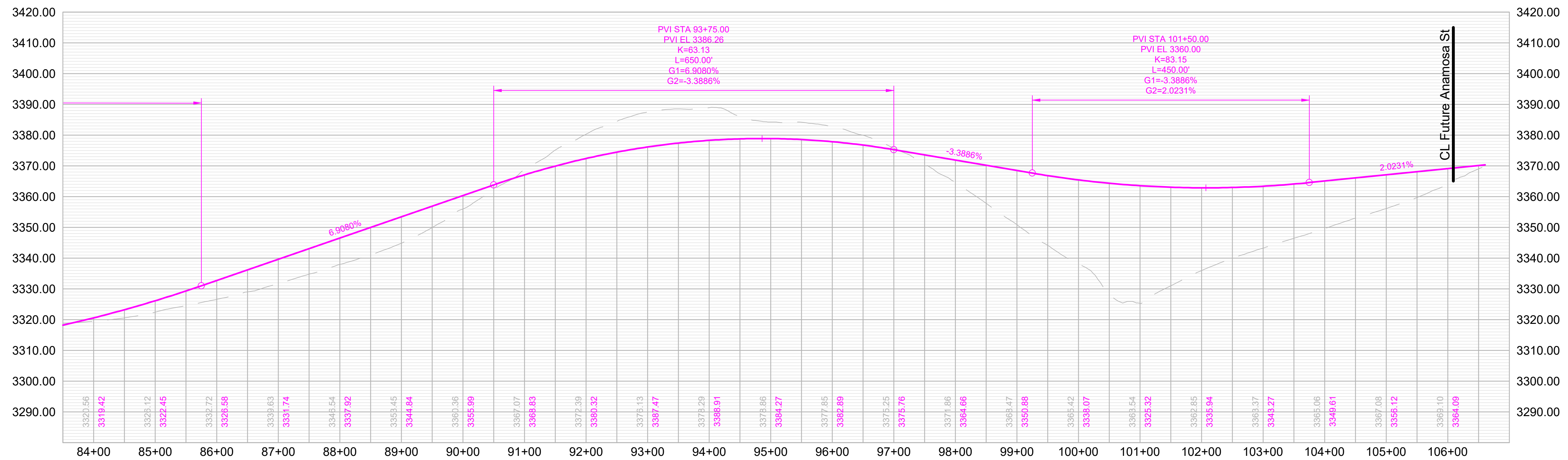
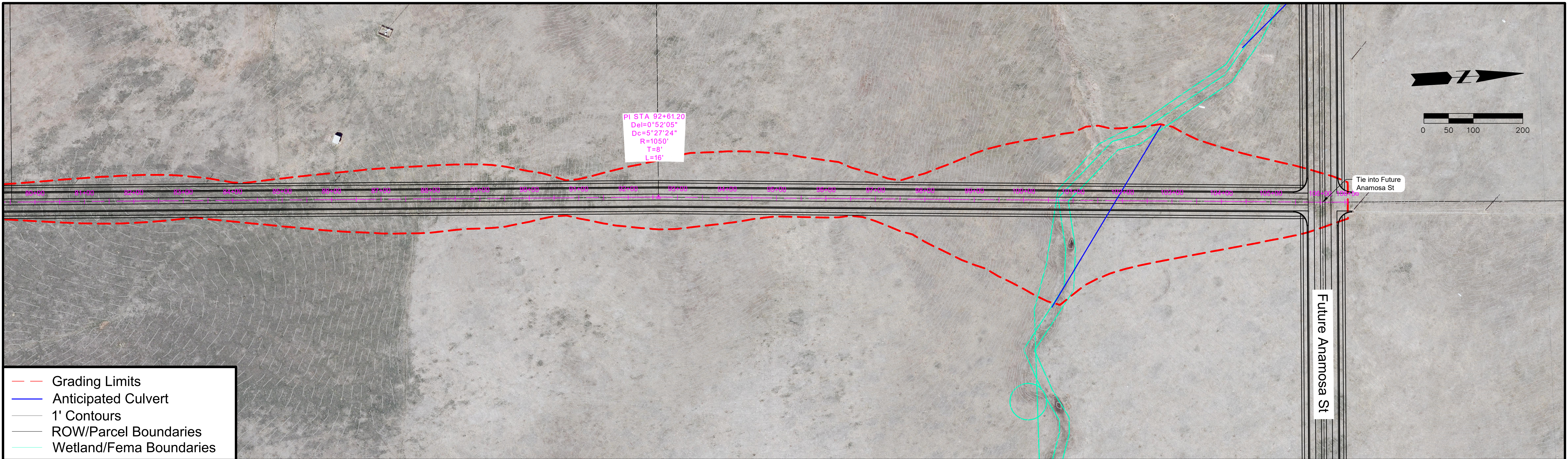
- Grading Limits
- Anticipated Culvert
- 1' Contours
- ROW/Parcel Boundaries
- Wetland/Fema Boundaries





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





Creek Drive

Viewfield Avenue to Philadelphia Street

Classification: Minor Arterial

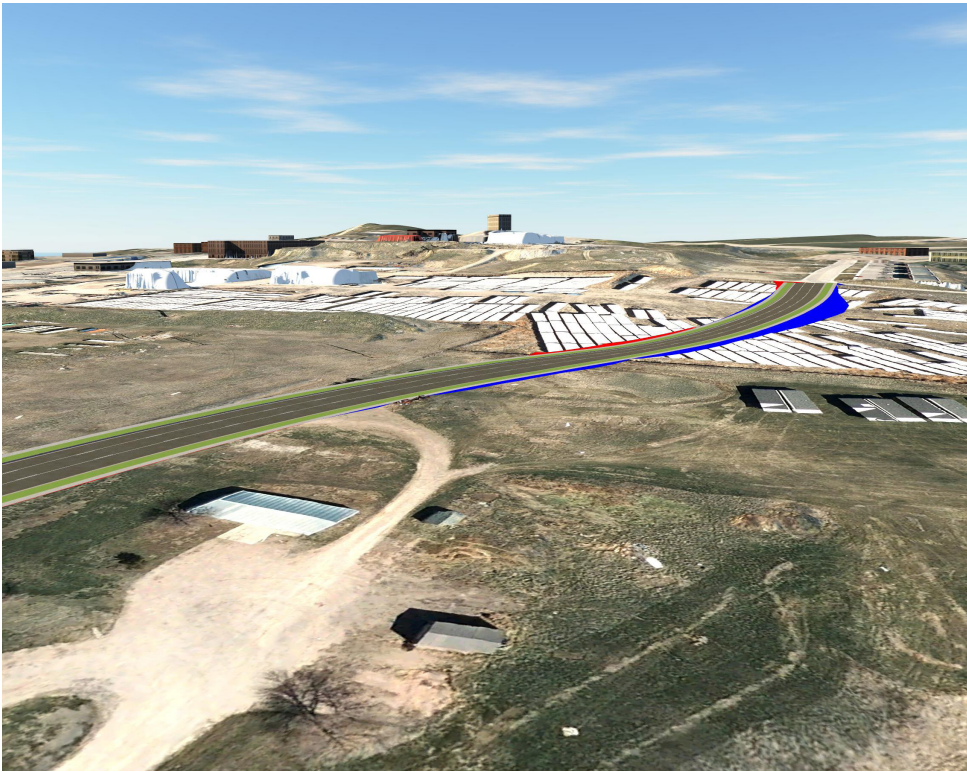
Corridor Length: 1,345 FT

Estimated Quantities

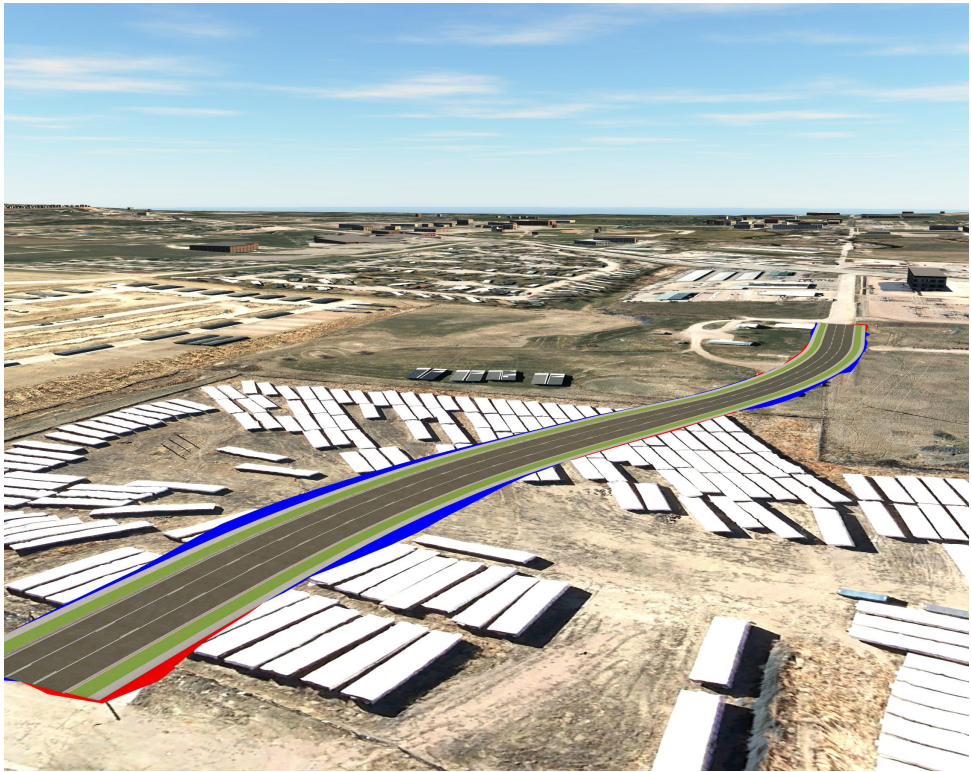
- Road Surface: 5,380 SY
- Earthwork Cut (Red): 1,085 CY
- Earthwork Fill (Blue): 5,083 CY

Segment Considerations:

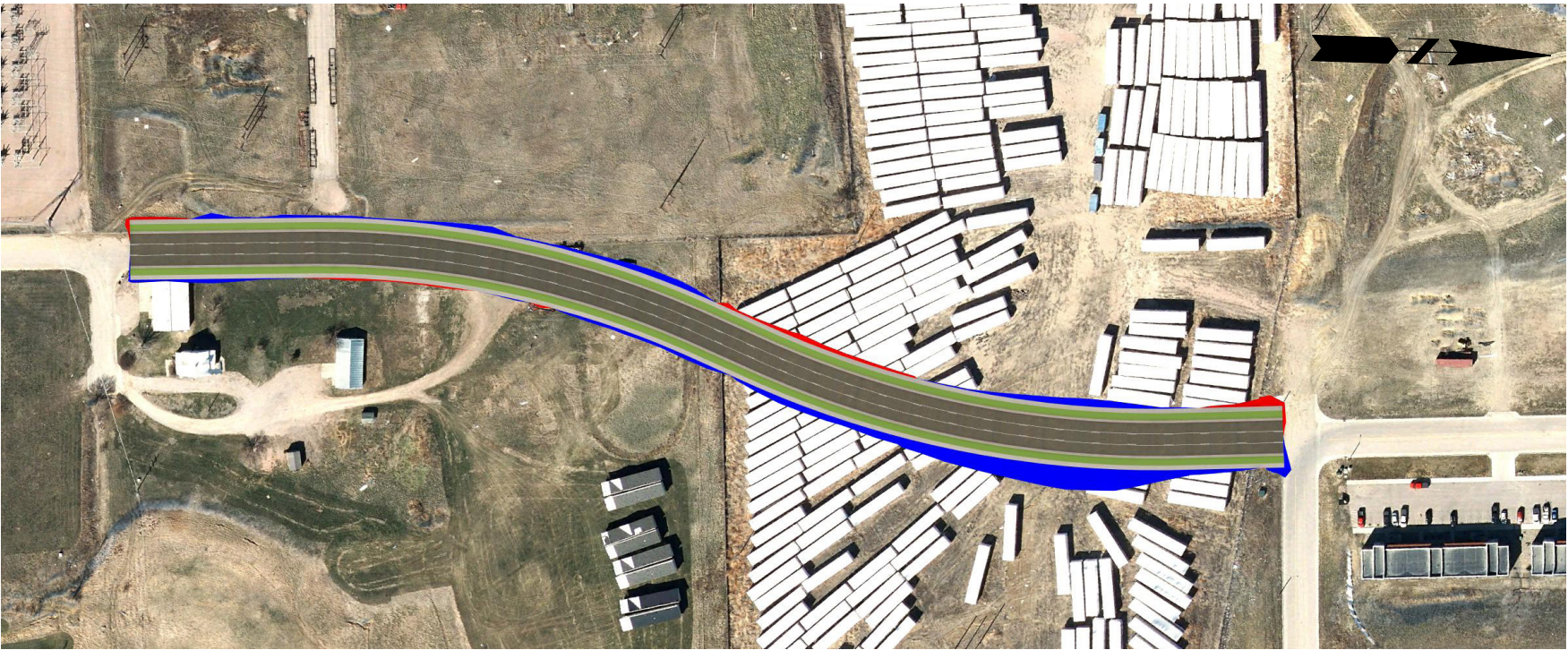
- Design speed – 45 MPH.



Isometric looking northwest at station 7+00

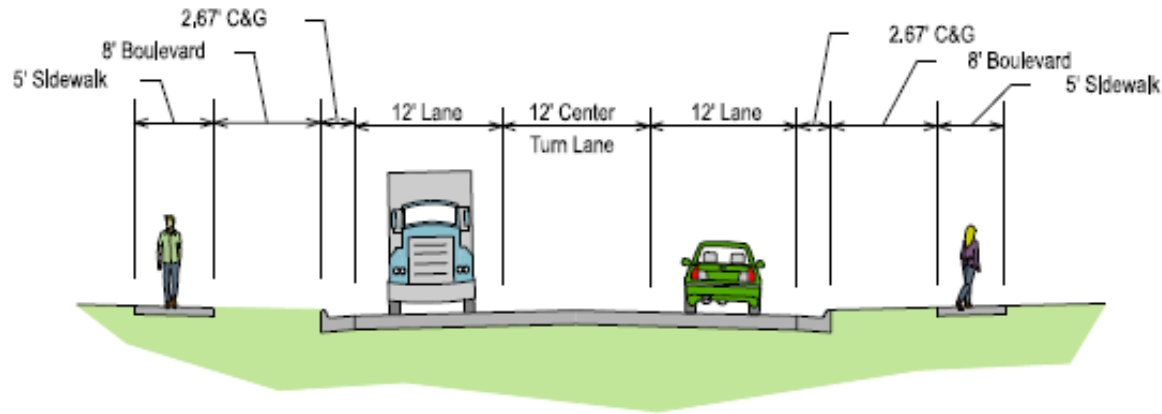


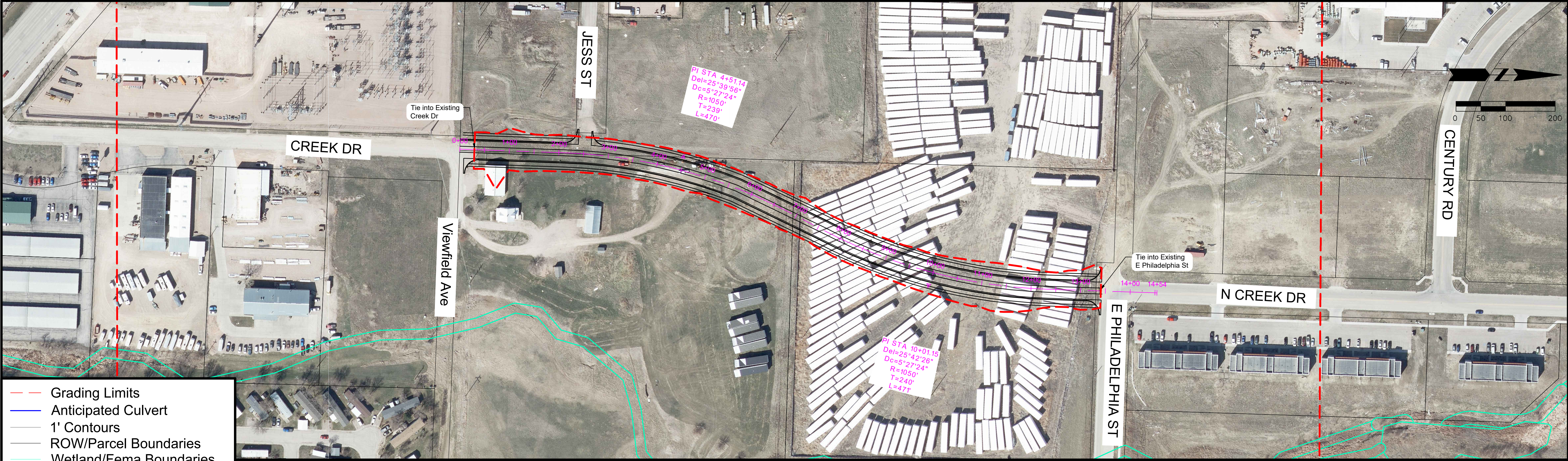
Isometric looking southeast at station 13+50



Segment Overview

Proposed Typical Section 3 Lane Minor Arterial





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

