CHEYENNE CAÑON EXISTING BRIDGE

NEEDS FOR REPLACEMENT:

1) Bridges Not Strong Enough
2) Cheyenne Creek Channel Bridge Openings Inadequate
3) Safety Issues due to Challenging Roadway Geometry at Bridges
4) Bridges Aging and have Deteriorated Conditions
5) Channel Stability Risk at Bridges
6) Bridge & Approach Rail Inadequacies
7) Risk to First Responder Access

Each of these bridges is inspected every two years as part of the National Bridge Inventory Standards program administered by the Colorado Department of Transportation

BRIDGE C (CSG-D.10-05.70)

Type of Bridge: Railroad rails with concrete deck

Year Constructed: 1950/1922

Sufficiency Rating: 52

Load Posting: 20 Tons

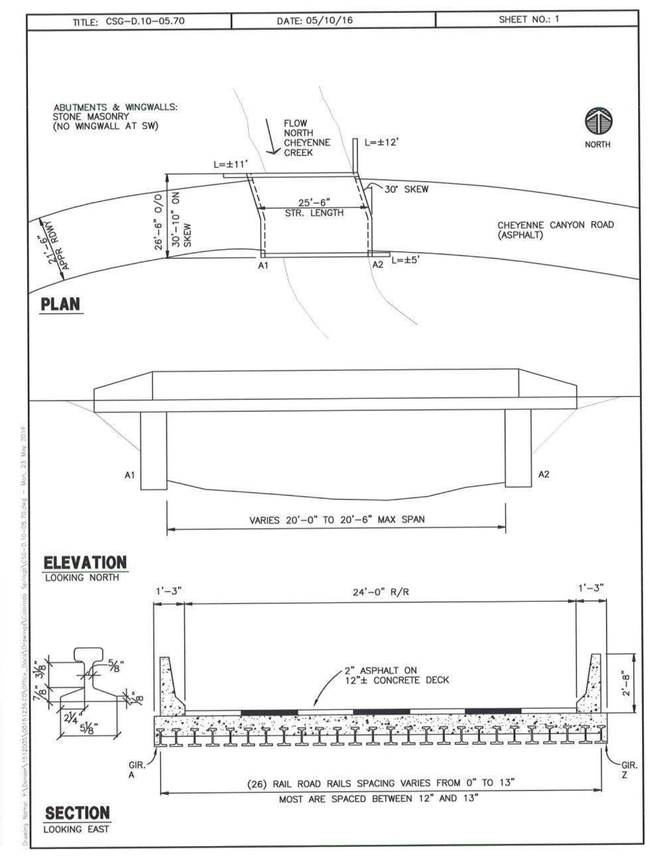
Skew: 30 degrees (downstream portion of bridge has less skew)

Superstructure Condition: Fair

Deck Condition: Fair

Abutment Condition: Good

Deck Geometry: Poor



BRIDGE B (CSG-D.60-05.65)

Type of Bridge: Railroad rails with concrete deck & Concrete arch

Year Constructed: 1950/1922

Sufficiency Rating: 50 (Functionally Obsolete)

Load Posting: 20 Tons

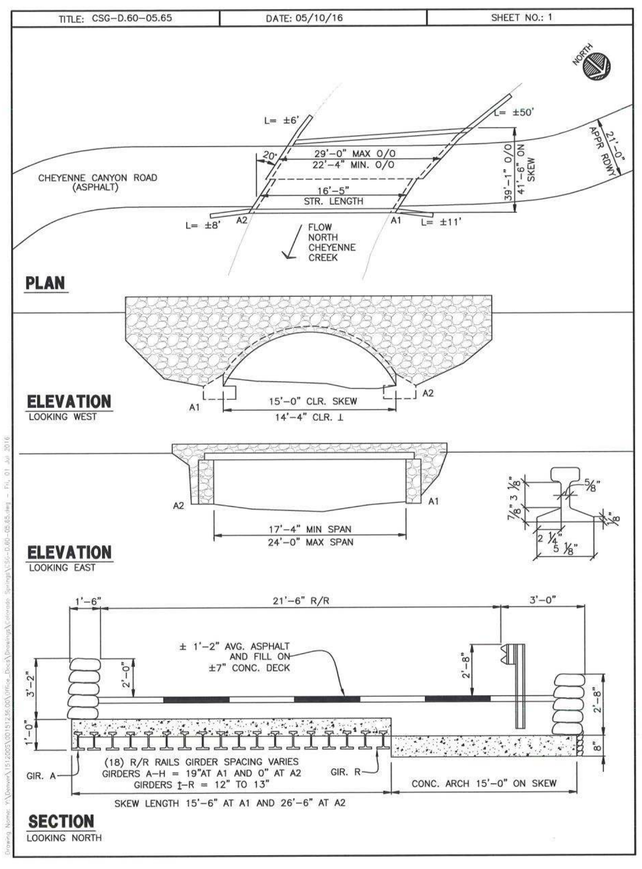
Skew: 20 degrees (uphill abutment has a higher skew)

Superstructure Condition: Fair

Deck Condition: Fair

Abutment Condition: Fair

Deck Geometry: Critical



BRIDGE D (CSG-D.10-05.70)

Type of Bridge: Railroad rails with concrete deck/Concrete box culvert

Year Constructed: 1950/1922

Sufficiency Rating: 63

Load Posting: 20 Tons

Skew: 46 degrees

Superstructure Condition: Fair

Deck Condition: Fair

Abutment Condition: Fair

Deck Geometry: Poor