

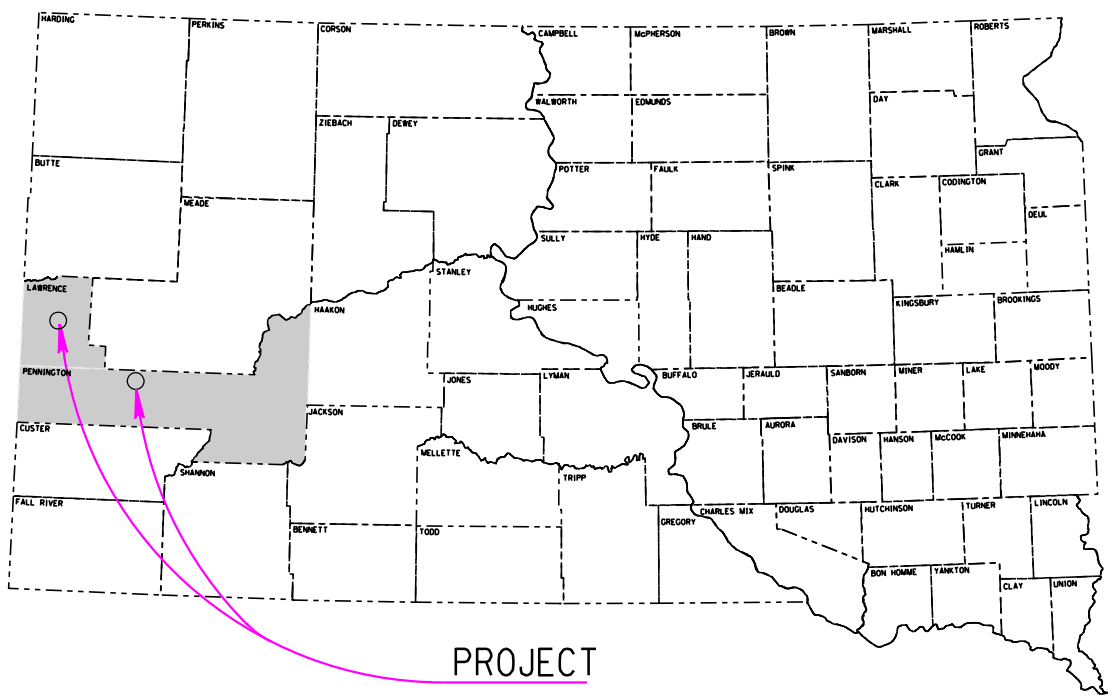
STATE OF SOUTH DAKOTA
 DEPARTMENT OF TRANSPORTATION
 PLANS FOR PROPOSED

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	014A-451, 085-451, 044-452	1	2

Plotting Date: 04/04/2019

PROJECTS 014A-451, 085-451 & 044-452
US HIGHWAYS 14A & 85
SD HIGHWAY 44
LAWRENCE & PENNINGTON COUNTIES

SCALING OF ROCK SLOPES
 PCN i5ct, i5cu and i5jp



PROJECT

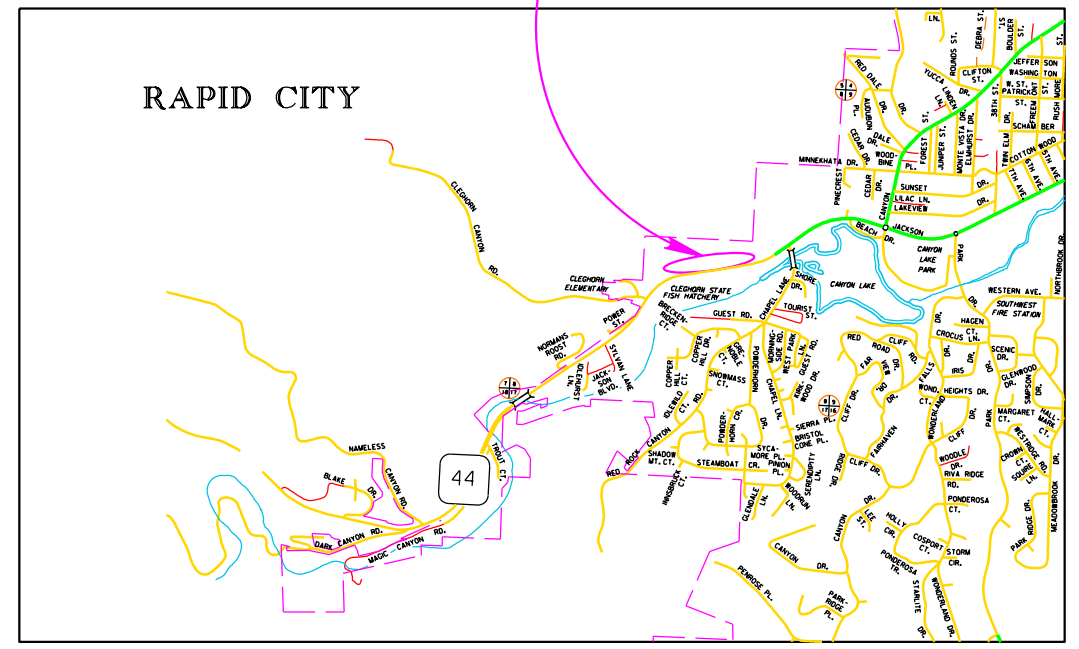
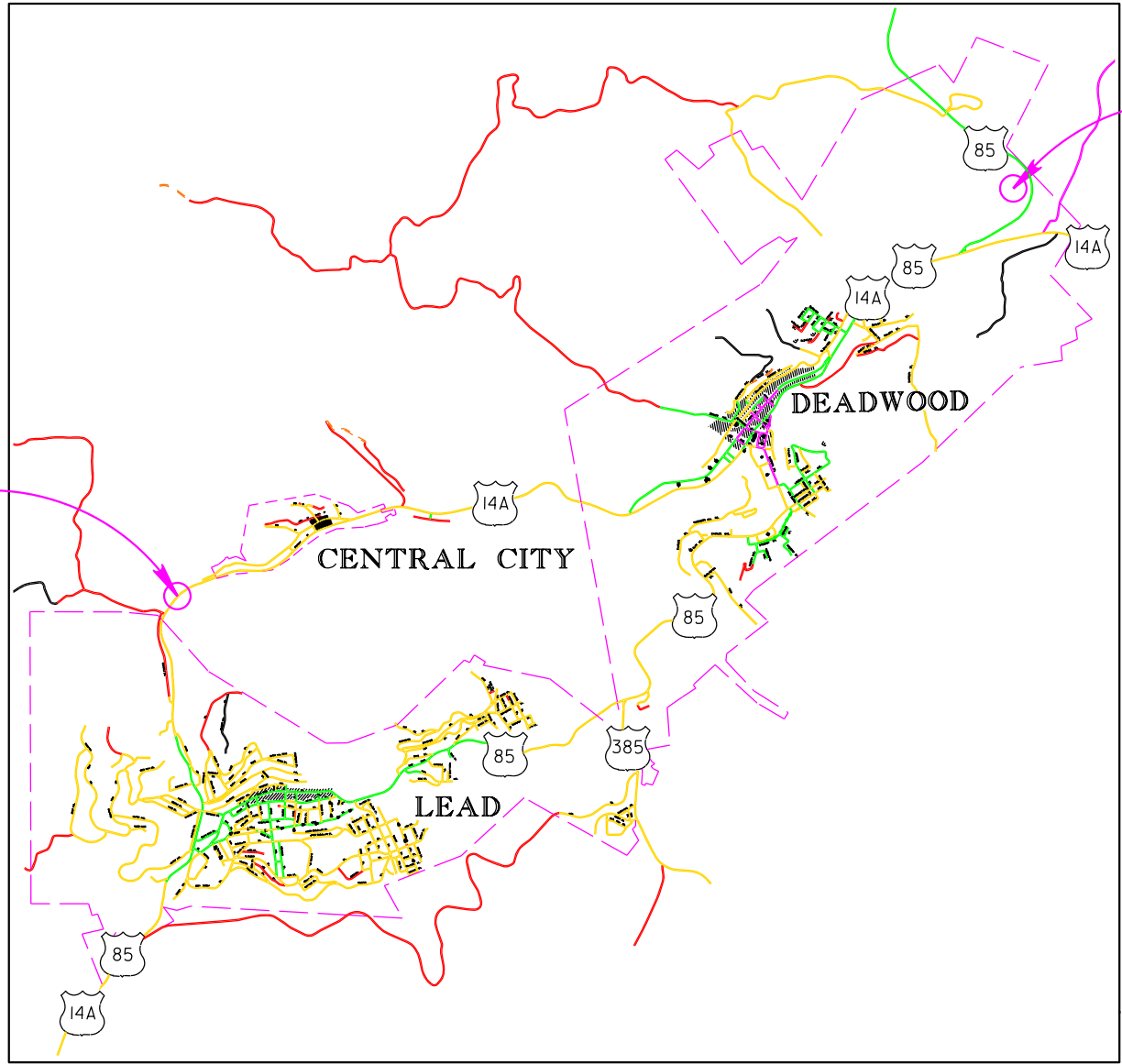
INDEX OF SHEETS

- 1 General Layout W/Index
- 2 Estimate w/ General Notes and Tables

014A-451
 PCN i5ct
 MRM 37.9 to MRM 38.3

085-451
 PCN i5cu
 MRM 29.2 to MRM 29.7

044-452
 PCN i5jp
 MRM 40.5 to MRM 40.9



PLOT SCALE - 1:2000

PLOT FROM - FROGOSI

PLOT NAME - 1

FILE - ...\\mtdg\l.e.dcn

ESTIMATE OF QUANTITIES (014A-451, PCN i5ct)

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
910E0510	Rock Scaling Crew and Rigging	75	Hour

ESTIMATE OF QUANTITIES (085-451, PCN i5cu)

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
910E0510	Rock Scaling Crew and Rigging	175	Hour

ESTIMATE OF QUANTITIES (044-452, PCN i5jp)

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
910E0510	Rock Scaling Crew and Rigging	100	Hour

SPECIFICATIONS

Standard Specifications for Roads & Bridges, 2015 Edition and Required Provisions, Supplemental Specifications and/or Special Provisions as included in the Proposal.

SPECIALTY ITEM

The Rock Scaling Crew and Rigging bid item will be designated as a "specialty item" as per section 8.1 of the Standard Specifications.

SCALING OF ROCK SLOPES

The areas to be rock scaled shall be performed starting at the top of the slope and working down as directed by the Project Engineer.

Before any scaling operations are started, the Contractor shall furnish the Project Engineer a detailed plan of operations showing the method proposed for the removal of loose rock to prevent any damage to the highway lanes and shoulder surfacing. The Contractor shall use suitable mats or other approved means to smother any loose material that is to be dislodged during the scaling operation. If damage is occurring to the highway surfacing, the Contractor shall cease operations and make necessary adjustments to prevent any further damage.

Loose soil and rock shall be removed through barring or other approved mechanical means. Blasting will not be allowed. The Project Engineer will determine the desirable degree of loose material removal. The Project Engineer will coordinate with the Area Maintenance Supervisor to help determine the desirable degree of loose rock removal. Payment for this work shall be paid for at the contract unit price per hour for "Rock Scaling Crew and Rigging".

TRAFFIC CONTROL AND ROCK REMOVAL

The State will perform all the necessary traffic control during scaling operations. Contact the Rapid City Area Engineer, Mike Carlson, 394-2248 two weeks prior to rock scaling operations to make arrangements.

The State will perform all necessary removal of material as a result of the rock scaling operations. Contact the Rapid City Area Engineer, Mike Carlson, 394-2248 two weeks prior to rock scaling operations to make arrangements.