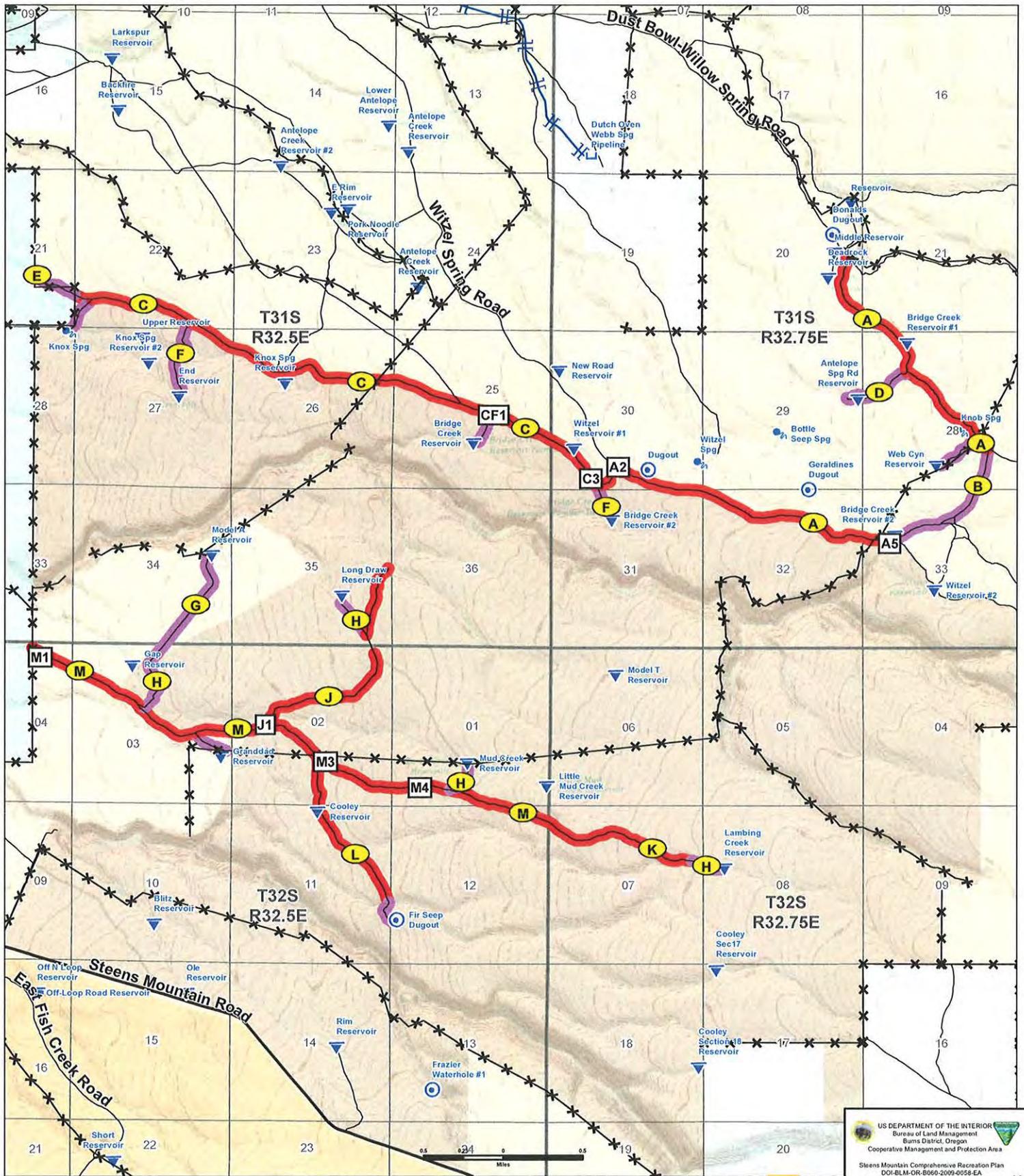


Photo Points Route Analysis

CRP-6 Alternative E-Map 2



- Photo Point Locations
- Direct Road Closure
- Indirect Road Closure

- Fence
- Non-Paved Improved Road
- Natural/Unknown Road Surface
- ▼ Reservoir
- Waterhole
- Spring Development
- └ Trough
- Dam (barrier across a watercourse)

US DEPARTMENT OF THE INTERIOR
 Bureau of Land Management
 Burns District, Oregon
 Cooperative Management and Protection Area

Steens Mountain Comprehensive Recreation Plan
 DOI-BLM-OR-0060-2009-0058-EA
 A/E&I1_Map2_RAFCRP-6_PhotoPoints_3/3/2014

Note: No warranty is made by the Bureau of Land Management as to the accuracy, reliability or completeness of these data for individual or aggregate use with other data. Original data was compiled from various sources and may be updated without notification.

The BLM placed developments on the map to illustrate their vicinity but not their exact location. The agency will use best practices to determine specific on-the-ground locations of proposed site developments and trails.

ROUTE ANALYSIS FORM CRP-6
For ONDA's Proposed CRP Alternative

Map Referenced: Alt E Map 2

Proposed Route Closures

Segments/Road Name	Legal
A. Witzel Spring Rd	T.31S., R.32.75E., Sec. 20, 21, 28.
C. Knox Spring Rd	T.31S., R.32.5E., Sec. 21, 25, 26, 27; T.31S., R.32.75E., Sec. 30.
D. Knox Spring Rd (Malhuer Refuge)	T.31S., R.32.5E., Sec 21.
K. way - East Refuge Rd	T.31S., R.32.5E., Sec 35; T.32S., R.32.5E., Sec 2.
M. East Refuge Rd	T.32S., R.32.5E., Sec 2, 3, 4 T.32S., R.32.5E., Sec 1, 2, 12 T.32S., R.32.75E., Sec 7
N. unnamed segment	T.32S., R.32.5E., Sec 2, 11

Indirect Route Closures

Segments/Road Name	Legal
B. Witzel Spring Rd	T.31S., R.32.75E., Sec. 28, 33.
E. unnamed segment	T.31S., R.32.5E., Sec 21.
F. unnamed segment	T.31S., R.32.5E., Sec 21, 27.
G. unnamed segment	T.31S., R.32.5E., Sec 34; T.32S., R.32.5E., Sec 3.
H. way segment	T.31S., R.32.5E., Sec 35. T.32S., R.32.5E., Sec 3. T.32S., R.32.5E., Sec 1. T.32S., R.32.5E., Sec 11.
J. Cross Country Route	T.31S., R.32.5E., Sec 26, 25, 36

1) Is a right-of-way or easement associated with the road? Y/N _____ N _____

a) If yes, what is the right-of-way or easement serial number: _____

2) What is the primary purpose of the roads?

a) *Does it facilitate travel, recreation (e.g. hunting, horseback riding, camp site), or other access? Explain(type)*

The Knox Spring Road was maintained in 2006. Part of the maintenance occurred during the Granddad Fire and portions of these routes were maintained during rehabilitation efforts. Primary purpose for maintenance was for a control line for the North Steens Ecosystem Project and sediment control. Spot maintenance on the routes has occurred periodically over the past 10 years.

July 13, 2011

Currently access is limited to administrative use as the refuge east canal road is closed. The refuge is currently going through a planning process and an alternative is to open East Canal Road. Portions of the route are a way and portions are designated as a road.

If the Malheur Refuge opens the east canal road that would open up the routes in this analysis to some exceptional motorized recreational opportunities (OHVing, hunting: antelope, deer) wild horse viewing, and dispersed motorized camping.

These routes are utilized for grazing management (monitoring: utilization, supervision) and wild horse management.

b) Does it provide access to a communication site, power line, or other ROW permits? Explain

c) Does it provide access to a range improvement or pasture? Explain

<u>Segments</u>	<u>Range Improvements</u>
A	Deadrock Reservoir Bridge Creek Reservoir #1 Knob Spring Geraldines Dugout unnamed dugout Witzel Spring Bottle Seep Spring
C	Witzel Reservoir #1 Knox Spring Reservoir Upper Reservoir Knox Spring
D	Antelope Spring Rd Reservoir Web Cyn Reservoir
F	Knox Spring Reservoir #2 End Reservoir Bridge Creek Reservoir Bridge Creek Reservoir #2
G	Model A Reservoir Granddad Reservoir
H	Fir Seep Dugout Mud Creek Reservoir Lambing Creek Reservoir Long Draw Reservoir Gap Reservoir
M	Little Mud Creek Reservoir
N	Cooley Reservoir

d) Does it provide reasonable access to private land or private interests in lands? No

e) Does it provide access to existing weed sites or suspected areas and trend or other monitoring locations? Explain

July 13, 2011

Use supervision, monitoring points, trend plots, utilization wild horse monitoring and WSA monitoring. These routes can be used for soil crust monitoring if funding is received as part of N. Steens Project. Potential for SSS pond weed/monitoring. PODI

3) Could the road be used as a successful fire break if maintained? Explain

Yes, being able to maintain the East Refuge Road would allow them to be used as fire breaks. Routes would provide access for firefighters.

4) Is the road needed to implement an on-going or reasonably foreseeable future project? Explain

Yes, the routes could be used in the implementation of the North Steens Ecosystem Project.

5) Does the route provide an additional evacuation route in case of an emergency (e.g. wildfire or injuries)? Explain

Yes

Prepared by (print name/signature):

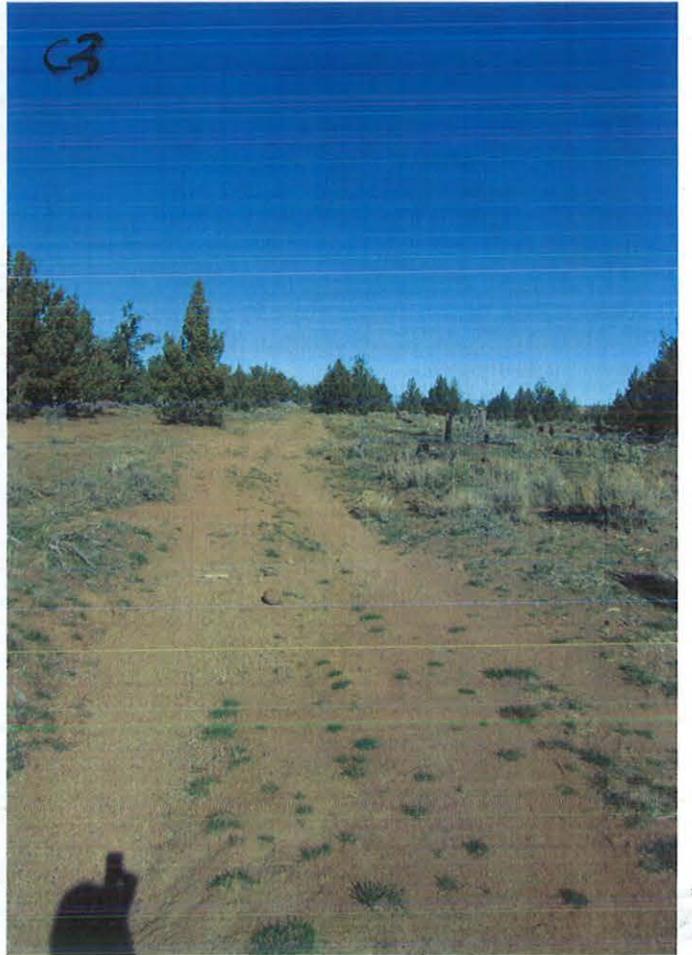
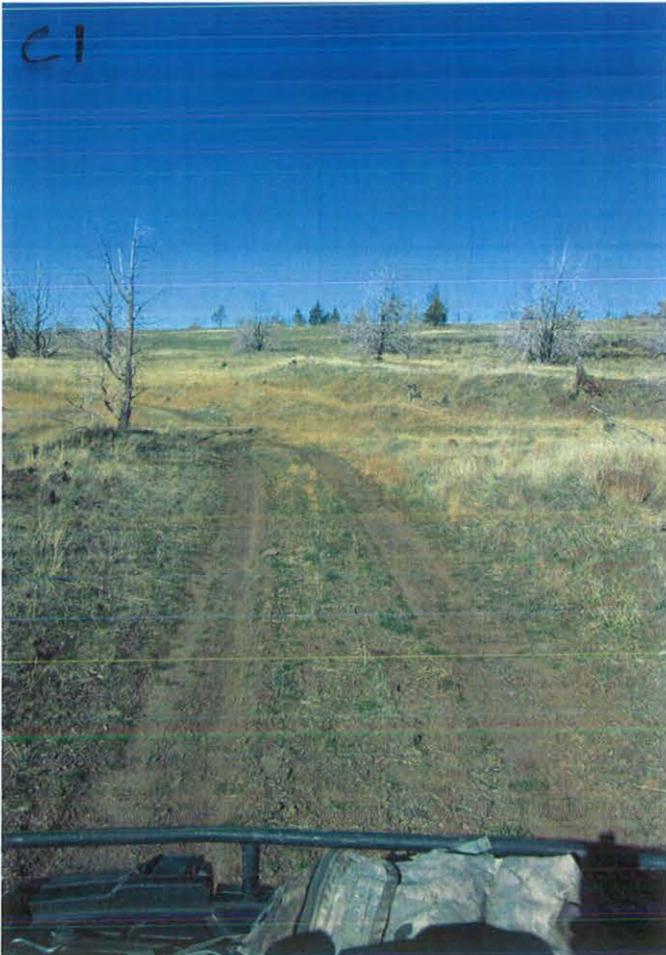
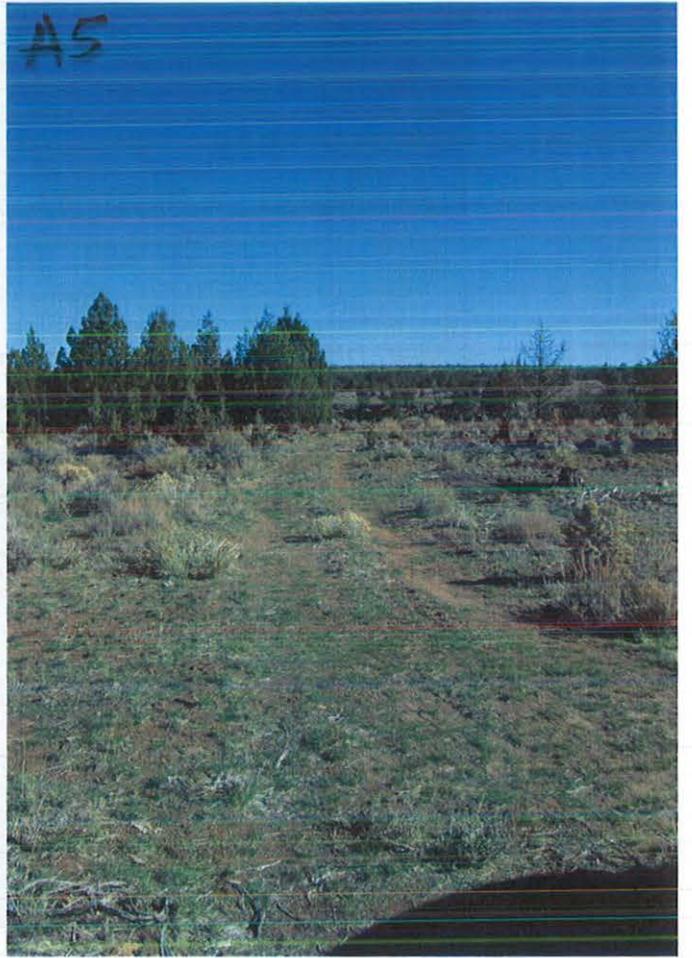
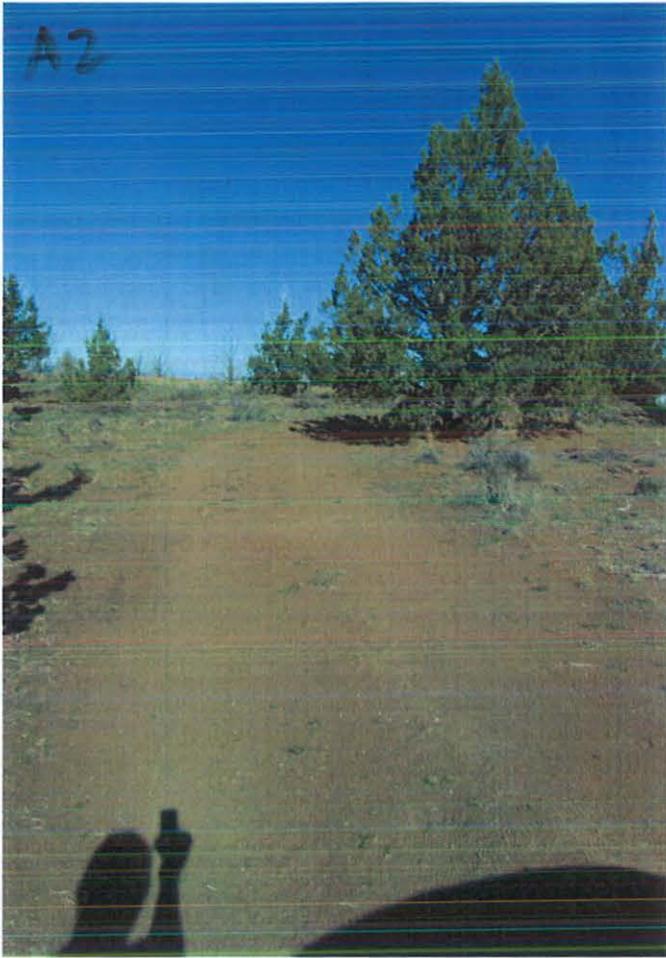
Eric Haakenson
Eric Haakenson

03-13-13
Date

July 13, 2011

m1





Overview

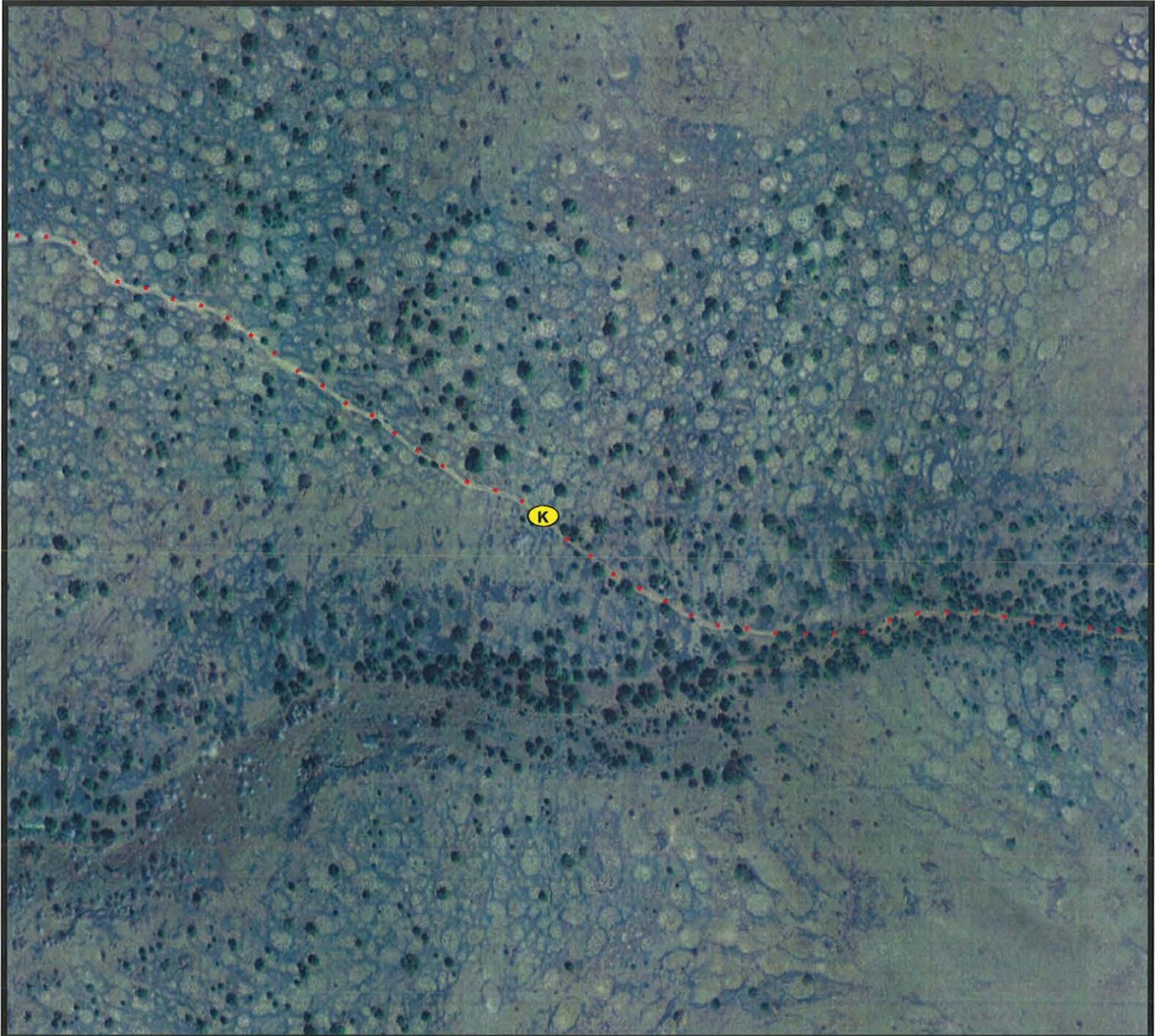
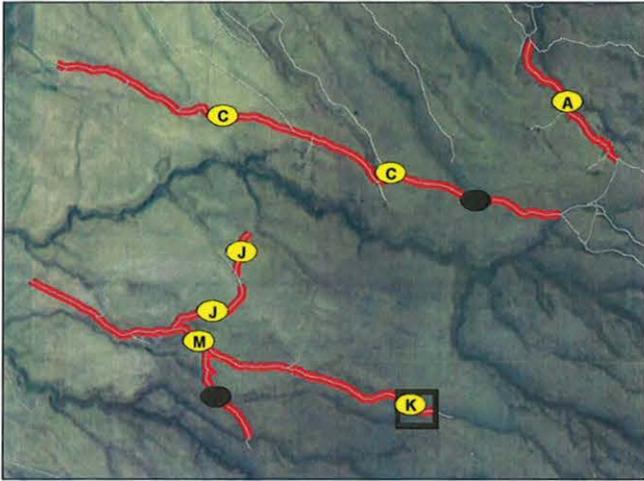
CRP-6 Alternative E-Map 1 Route Analysis

• • • Proposal to Close Road

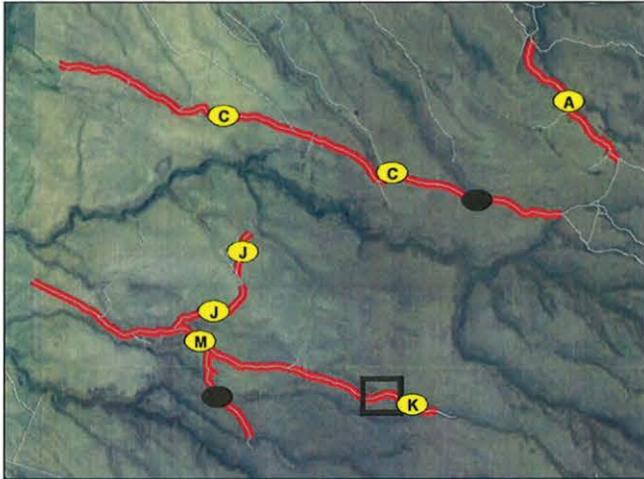
1 inch = 250 feet



2009 Half Meter Imagery



Overview



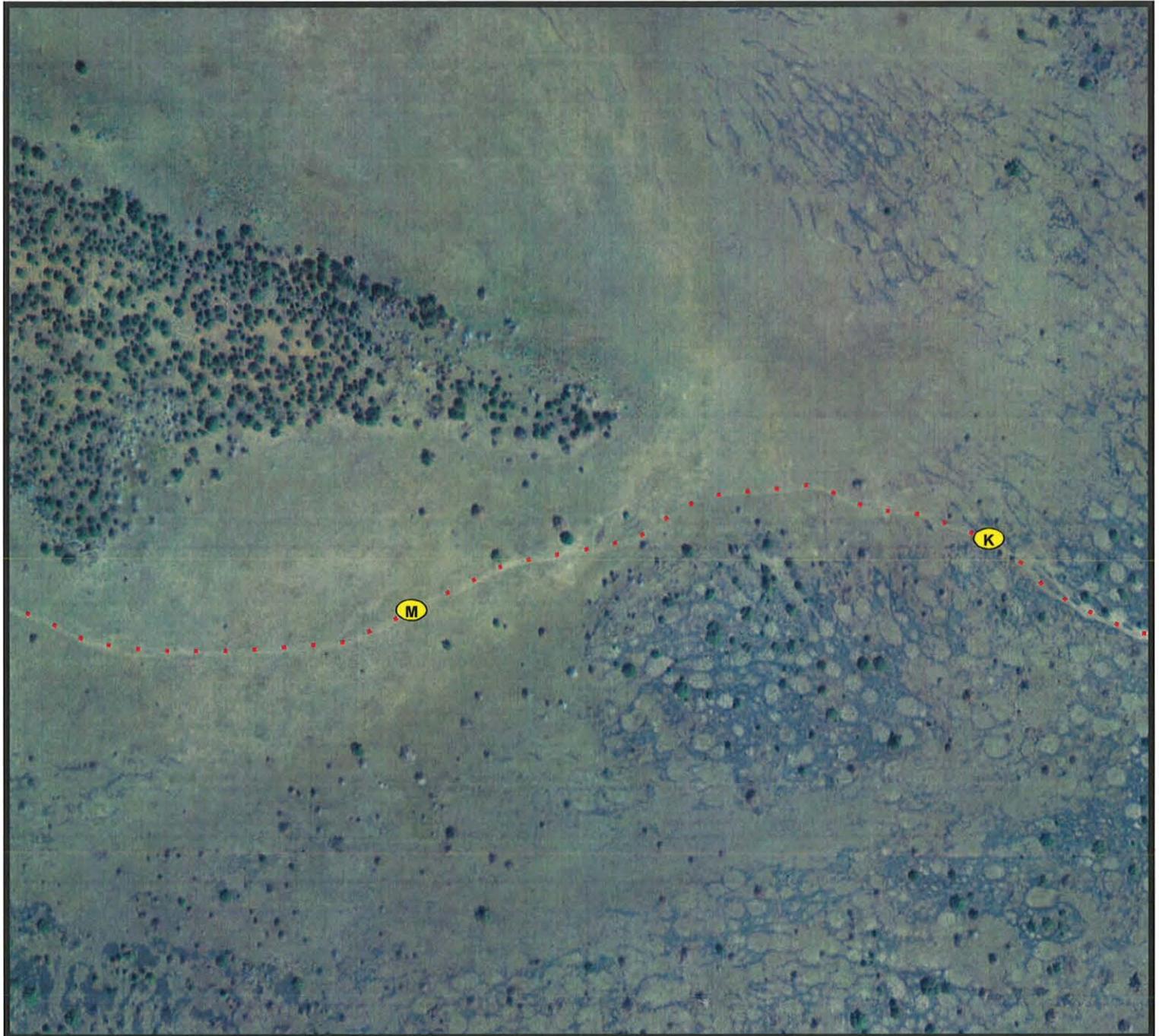
CRP-6 Alternative E-Map 2 Route Analysis

Proposal to Close Road

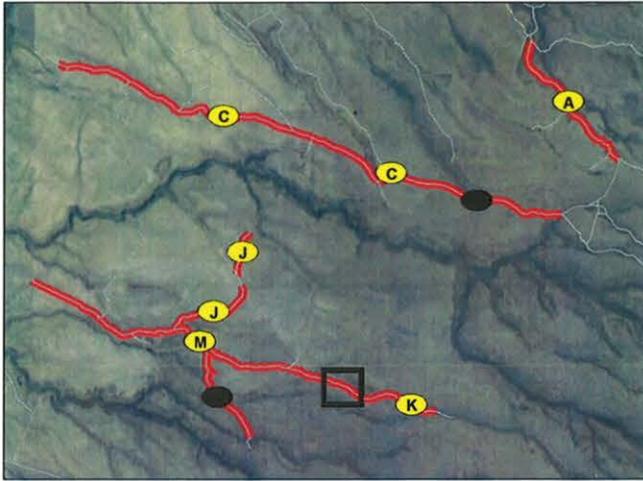
1 inch = 250 feet



2009 Half Meter Imagery



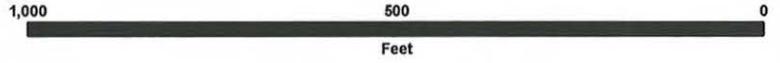
Overview



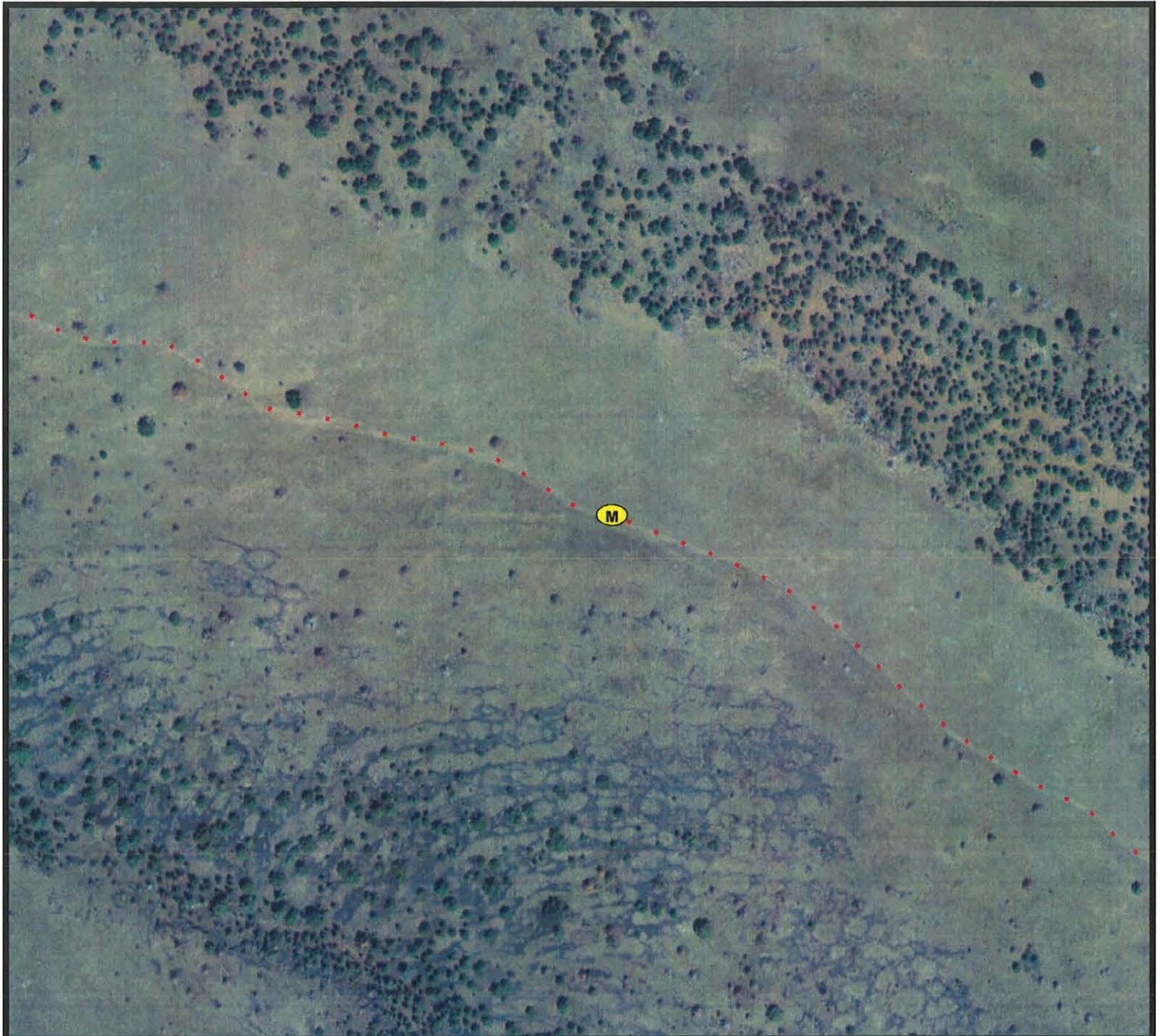
CRP-6 Alternative E-Map 3 Route Analysis

• • • Proposal to Close Road

1 inch = 250 feet



2009 Half Meter Imagery



Overview

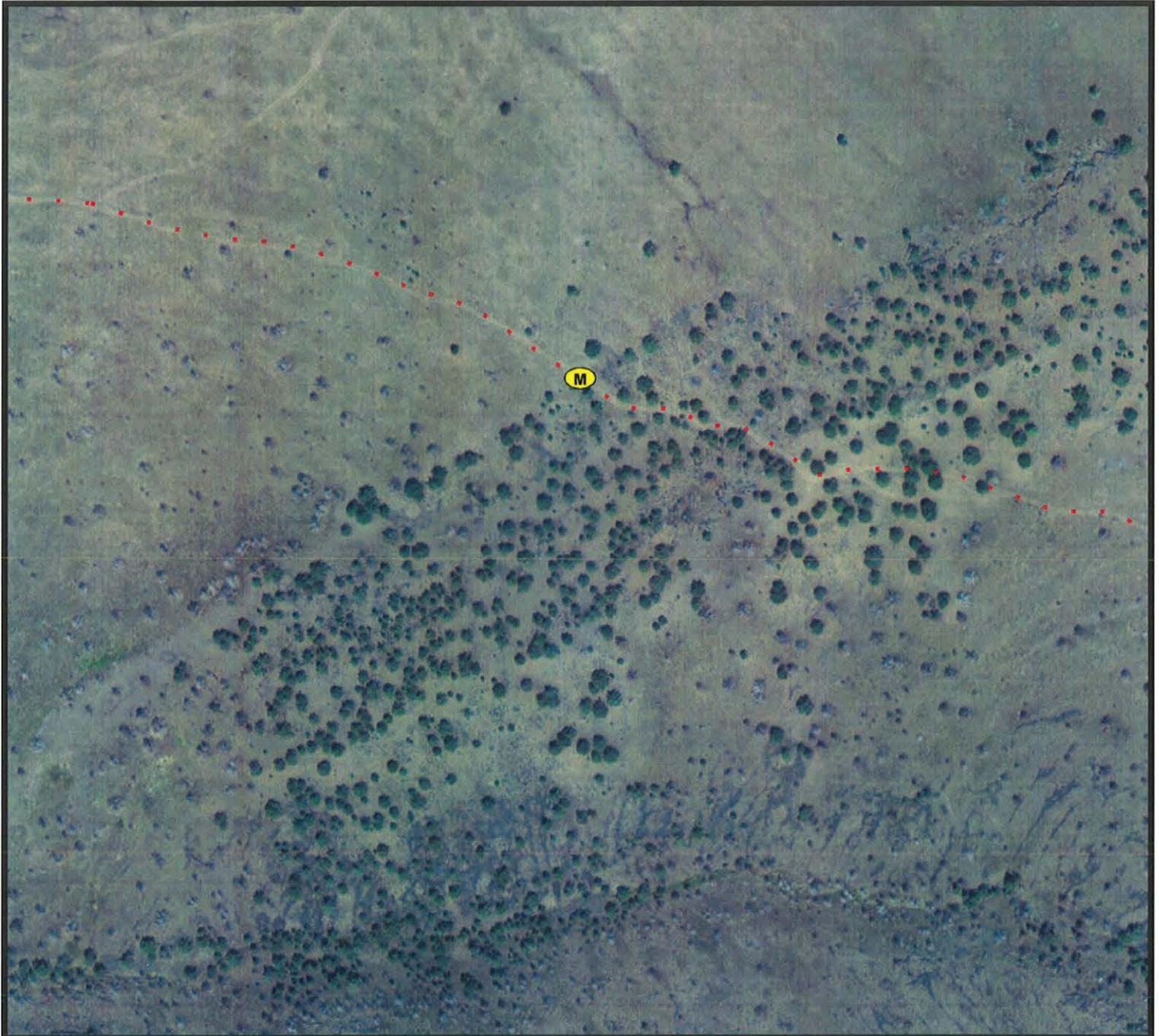
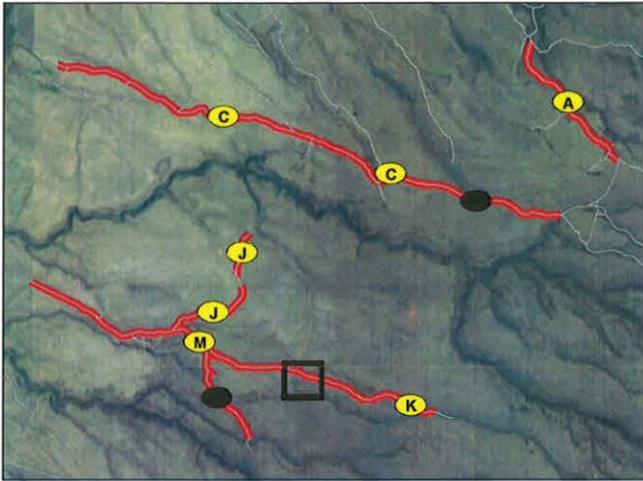
CRP-6 Alternative E-Map 4 Route Analysis

• • • Proposal to Close Road

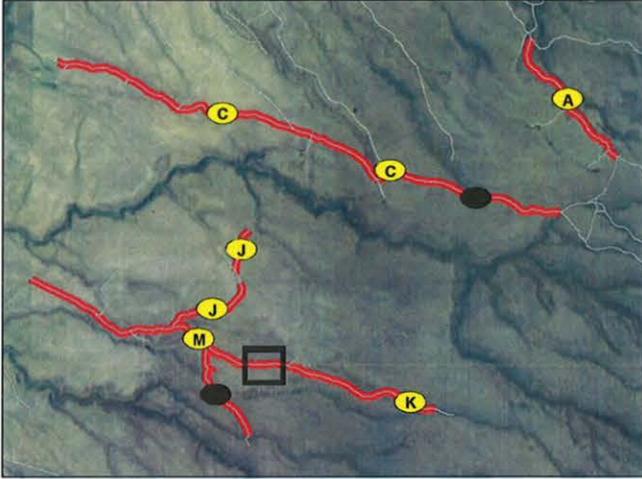
1 inch = 250 feet



2009 Half Meter Imagery



Overview



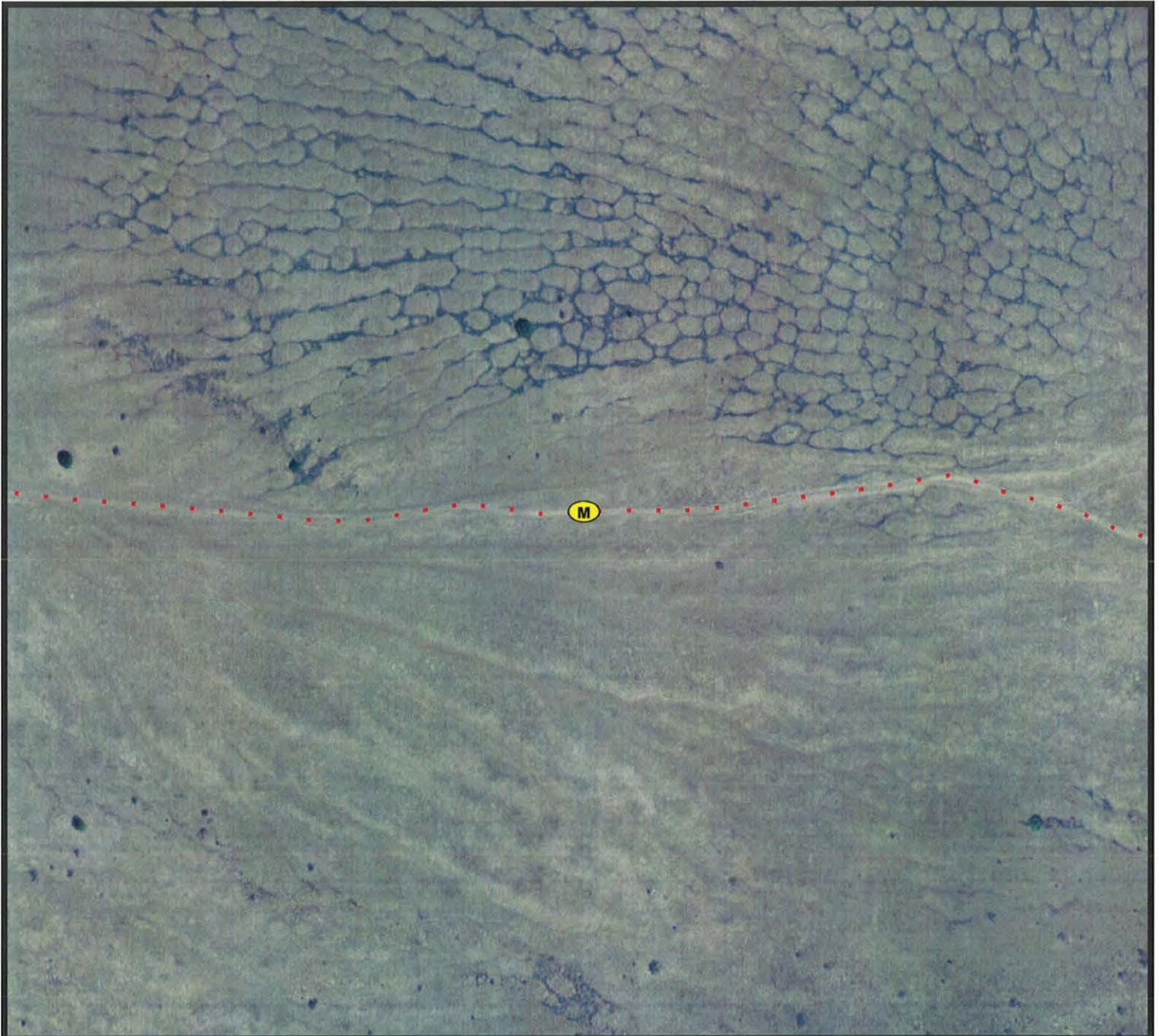
CRP-6 Alternative E-Map 5 Route Analysis

• • • Proposal to Close Road

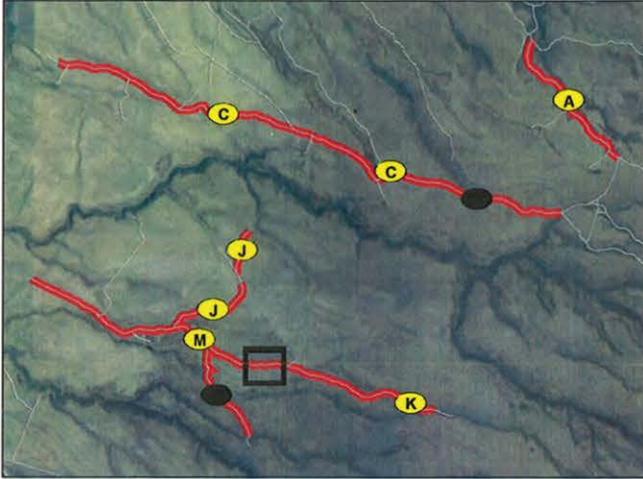
1 inch = 250 feet



2009 Half Meter Imagery



Overview



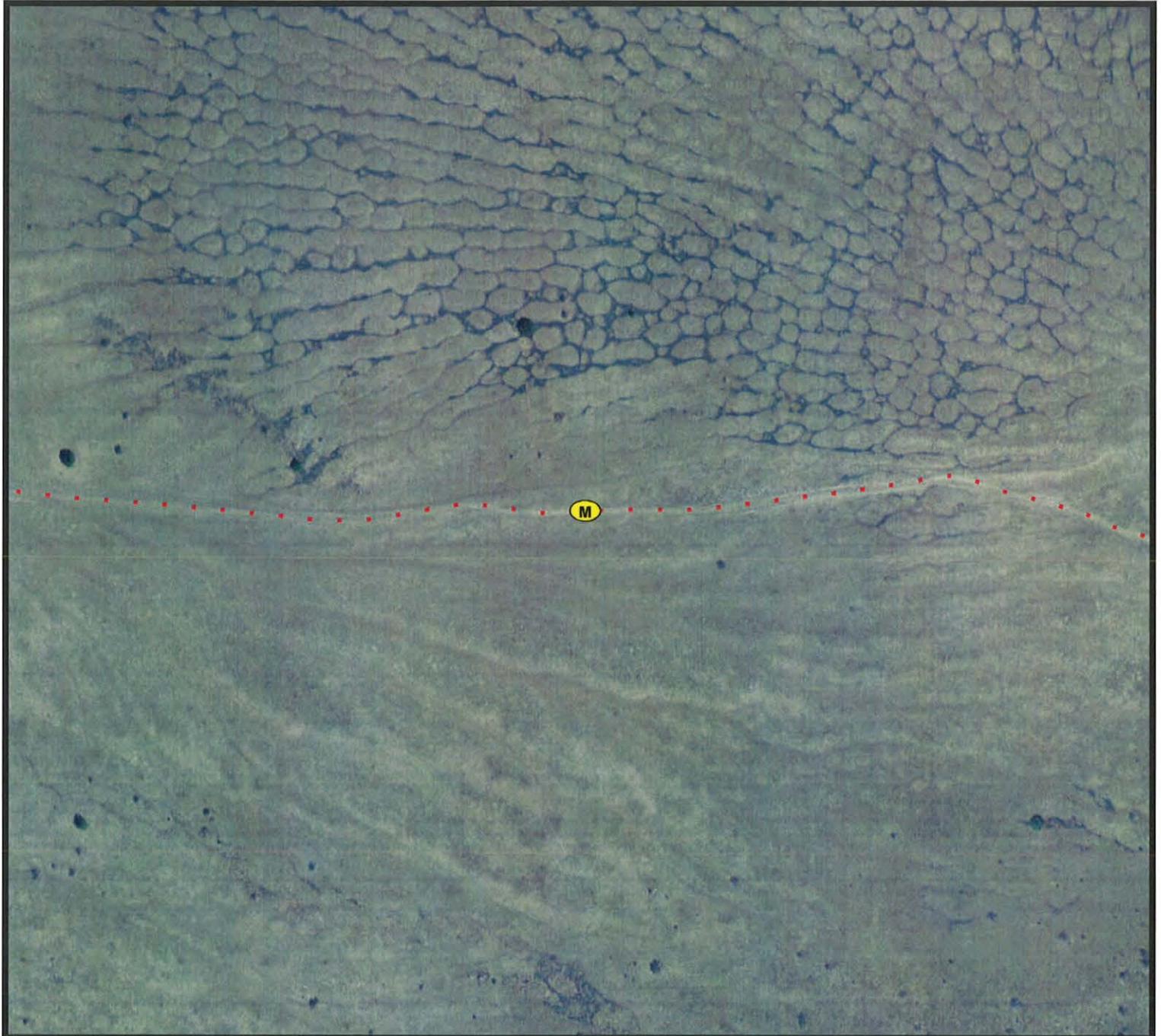
CRP-6 Alternative E-Map 6 Route Analysis

• • • Proposal to Close Road

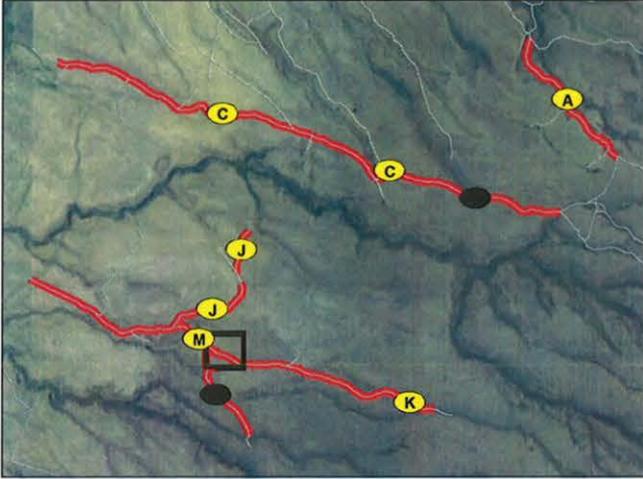
1 inch = 250 feet



2009 Half Meter Imagery



Overview



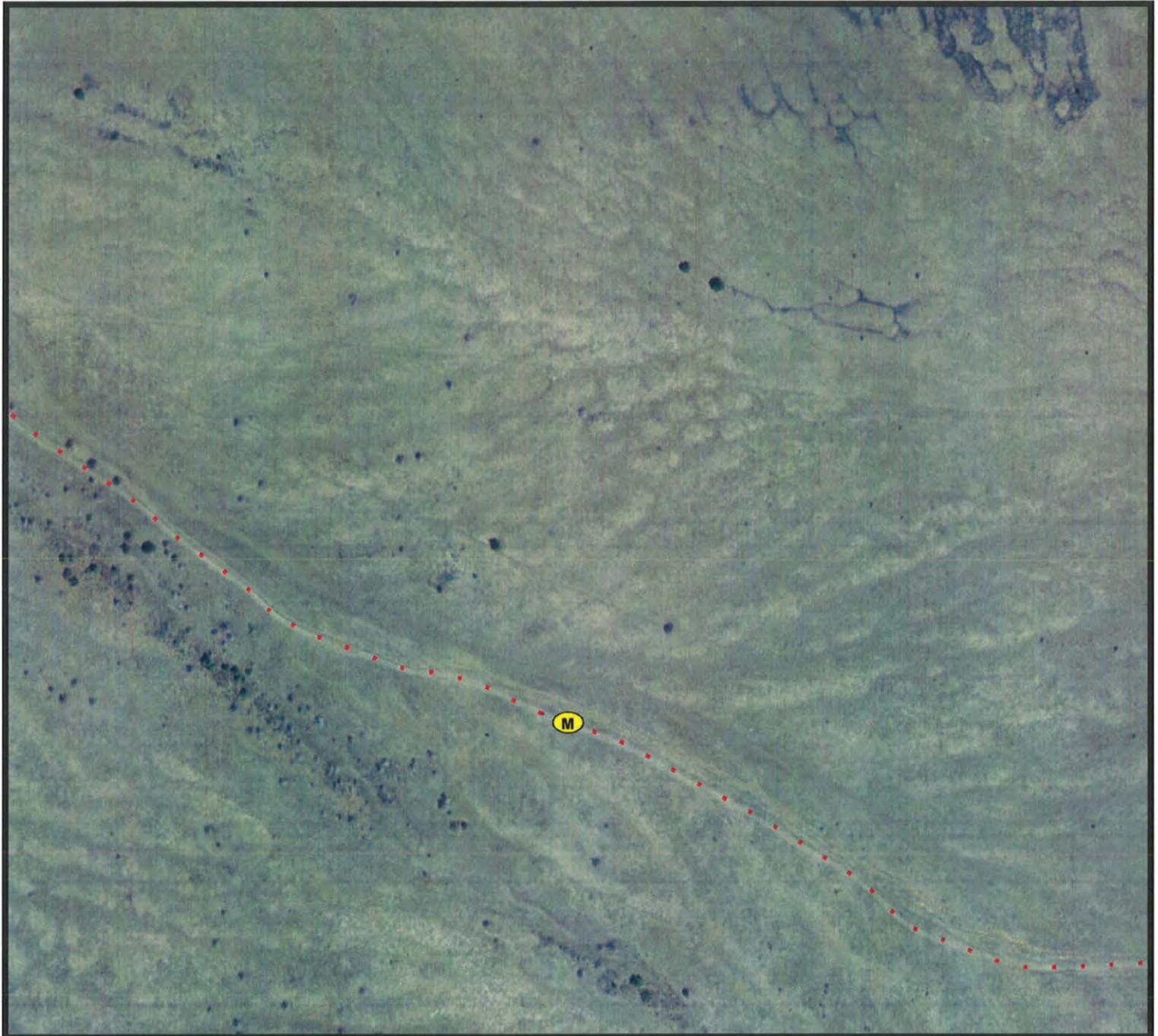
CRP-6 Alternative E-Map 7 Route Analysis

• • • Proposal to Close Road

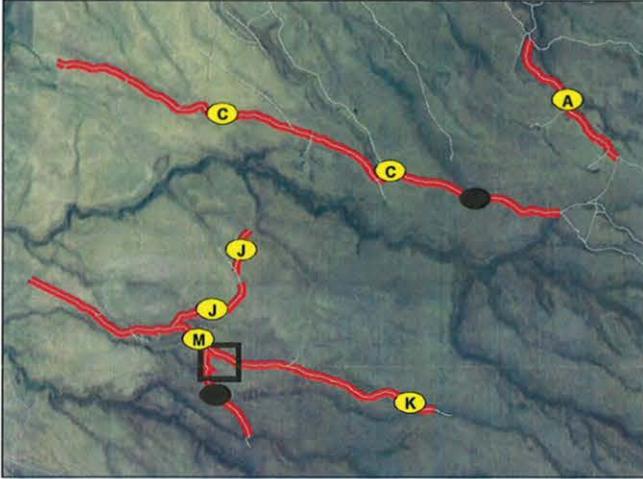
1 inch = 250 feet



2009 Half Meter Imagery



Overview



CRP-6 Alternative E-Map 8 Route Analysis

• • • Proposal to Close Road

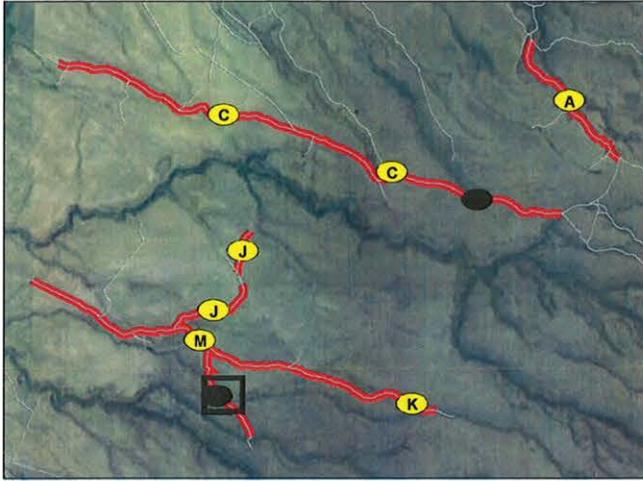
1 inch = 250 feet



2009 Half Meter Imagery



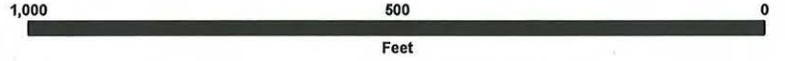
Overview



CRP-6 Alternative E-Map 9 Route Analysis

• • • Proposal to Close Road

1 inch = 250 feet



2009 Half Meter Imagery



Overview

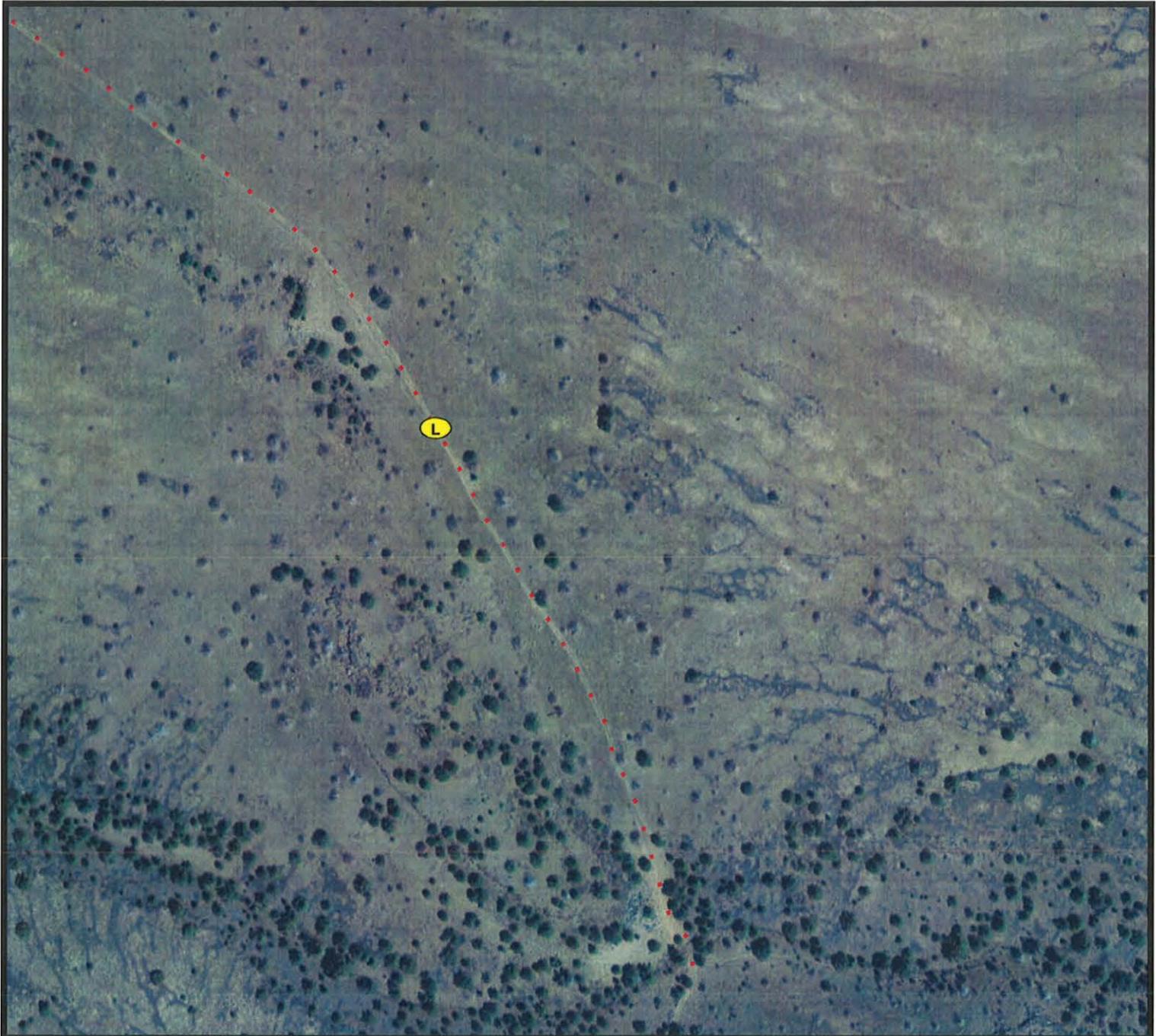
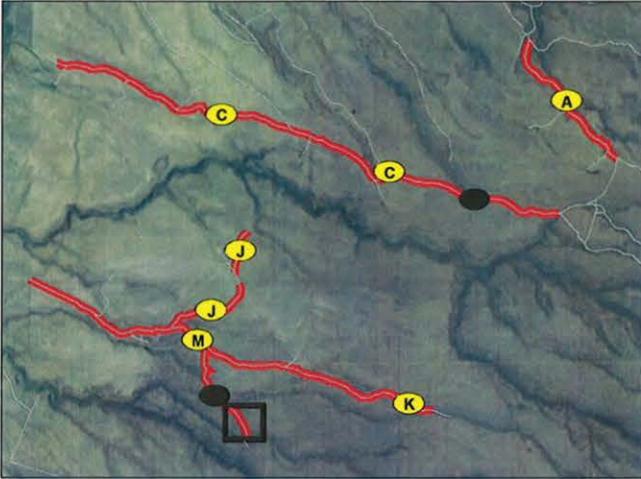
CRP-6 Alternative E-Map 10 Route Analysis

• • • Proposal to Close Road

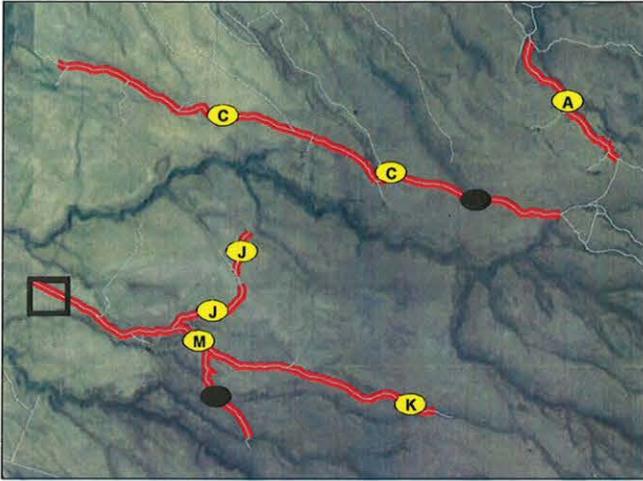
1 inch = 250 feet



2009 Half Meter Imagery



Overview



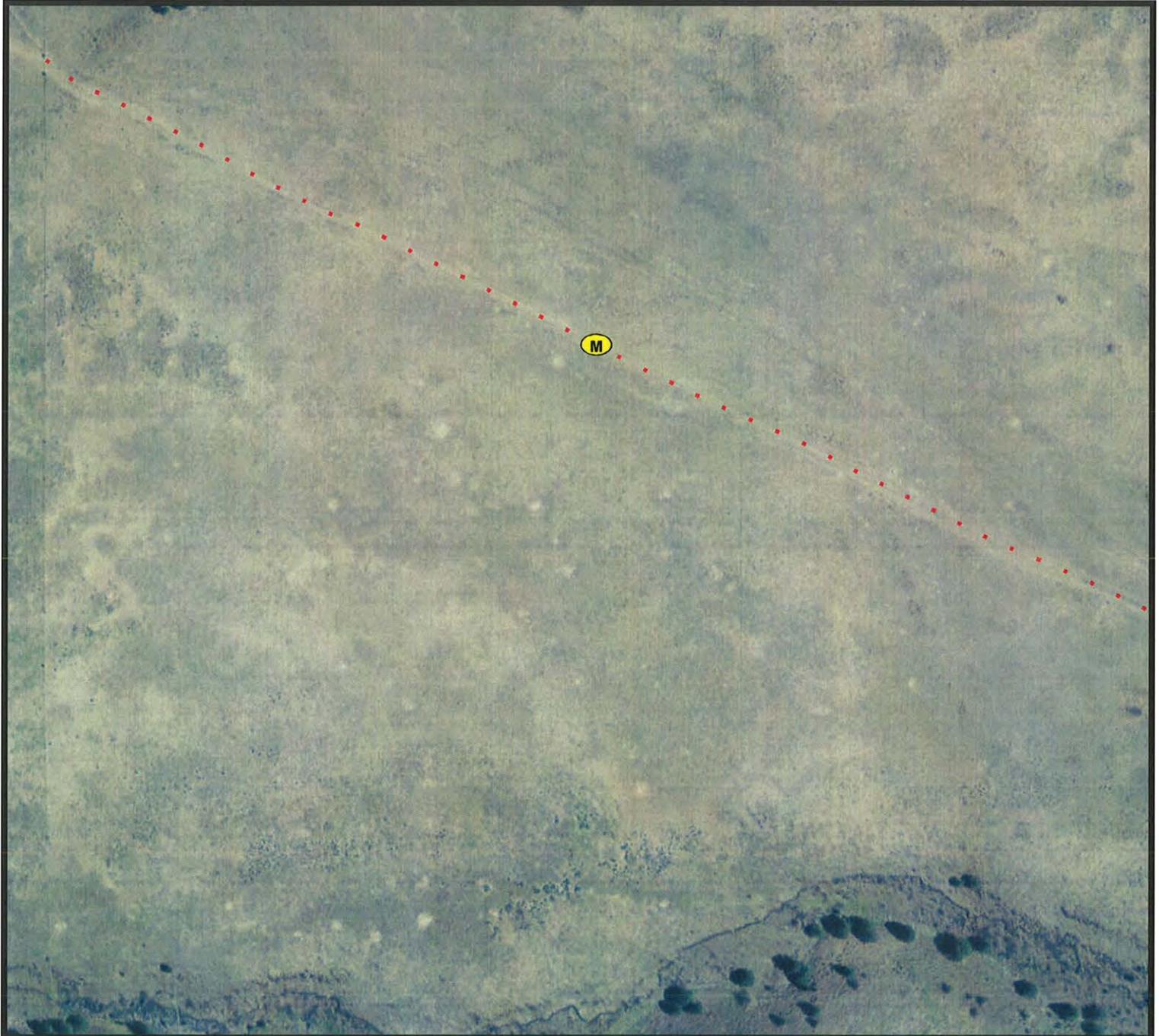
CRP-6 Alternative E-Map 11 Route Analysis

• • • Proposal to Close Road

1 inch = 250 feet



2009 Half Meter Imagery



Overview

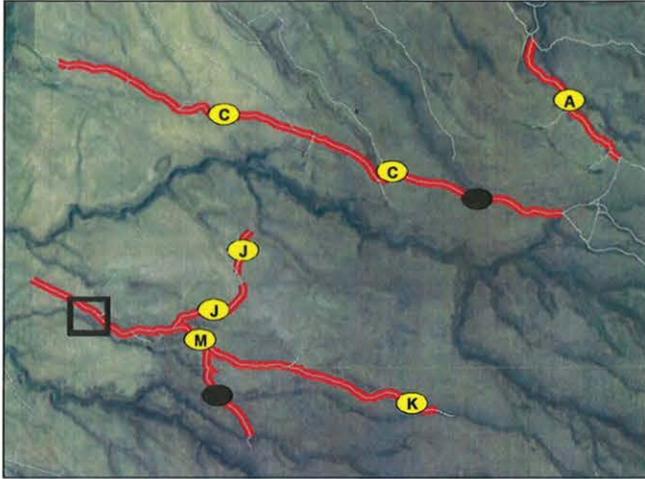
CRP-6 Alternative E-Map 12 Route Analysis

• • • Proposal to Close Road

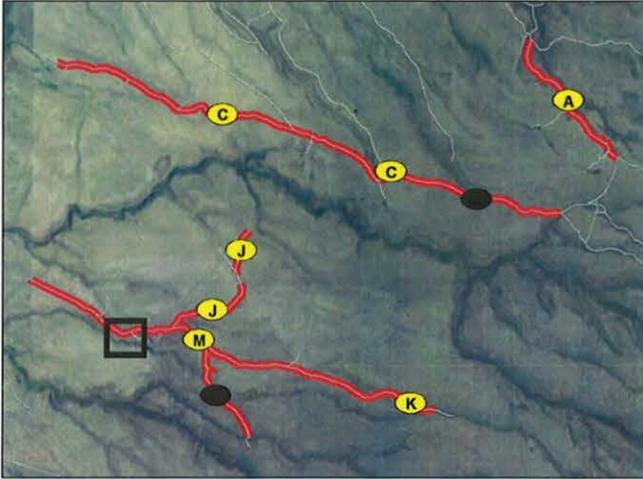
1 inch = 250 feet



2009 Half Meter Imagery



Overview



CRP-6 Alternative E-Map 13 Route Analysis

• • • Proposal to Close Road

1 inch = 250 feet



2009 Half Meter Imagery



Overview



CRP-6 Alternative E-Map 14 Route Analysis

• • • Proposal to Close Road

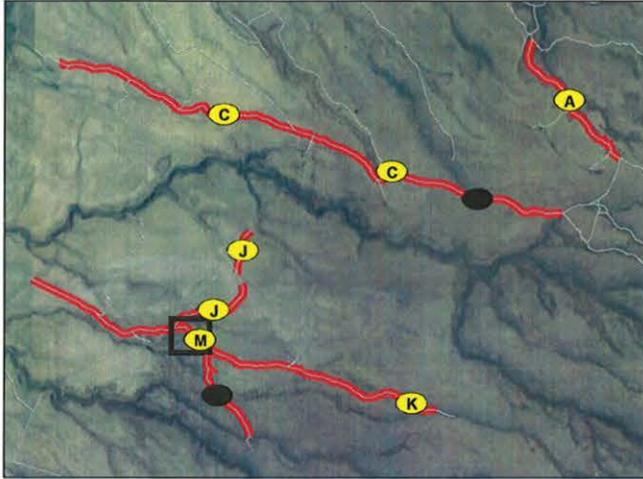
1 inch = 250 feet



2009 Half Meter Imagery



Overview



CRP-6 Alternative E-Map 15 Route Analysis

• • • Proposal to Close Road

1 inch = 250 feet

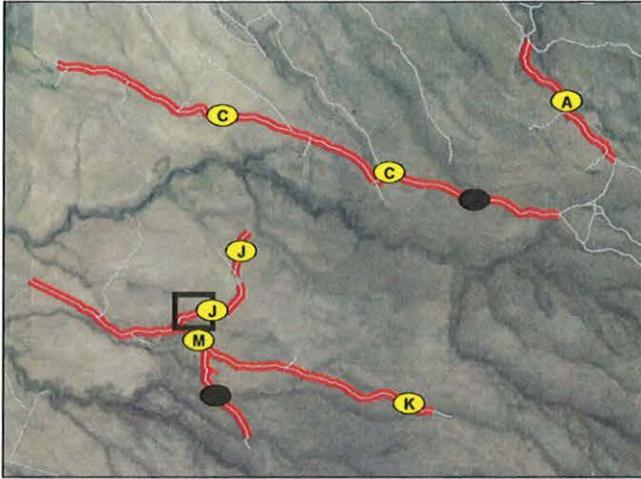


2009 Half Meter Imagery



Burns District BLM, Oregon
No warranty made by the BLM for use of the data for purposes not intended by the BLM.

Overview



CRP-6 Alternative E-Map 16 Route Analysis

• • • Proposal to Close Road

1 inch = 250 feet



2009 Half Meter Imagery



Overview



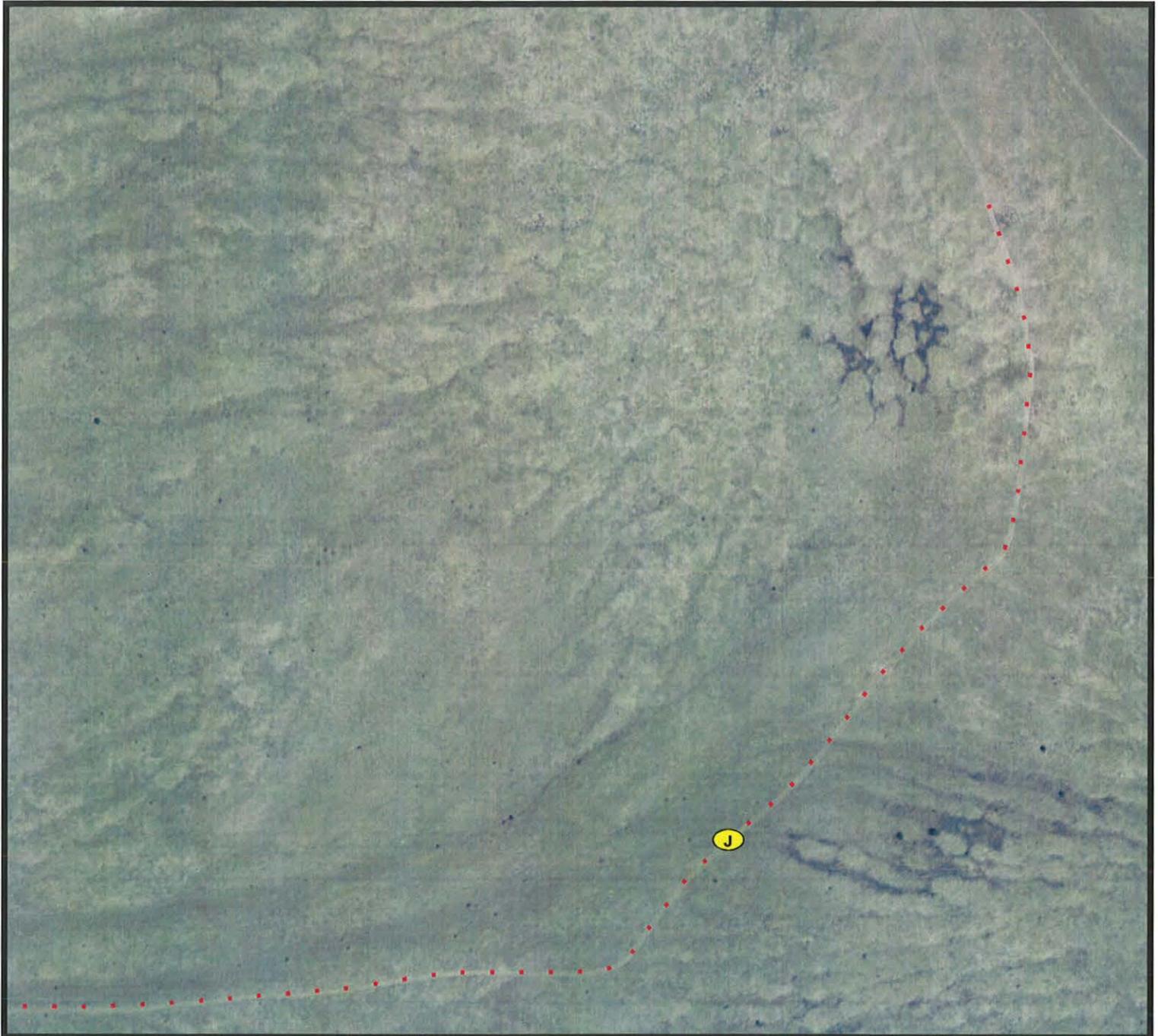
CRP-6 Alternative E-Map 17 Route Analysis

• • • Proposal to Close Road

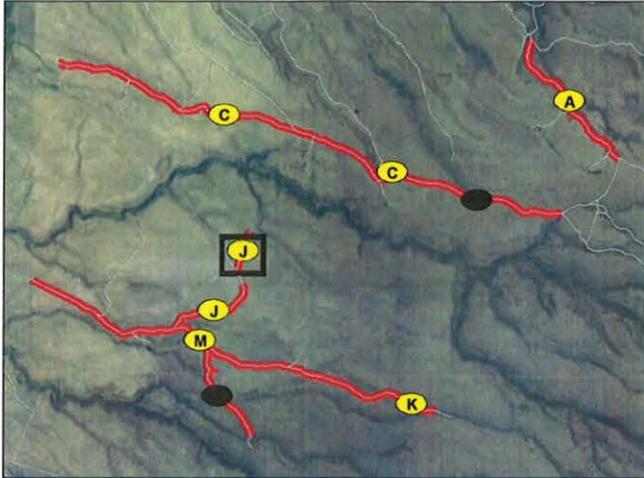
1 inch = 250 feet



2009 Half Meter Imagery



Overview



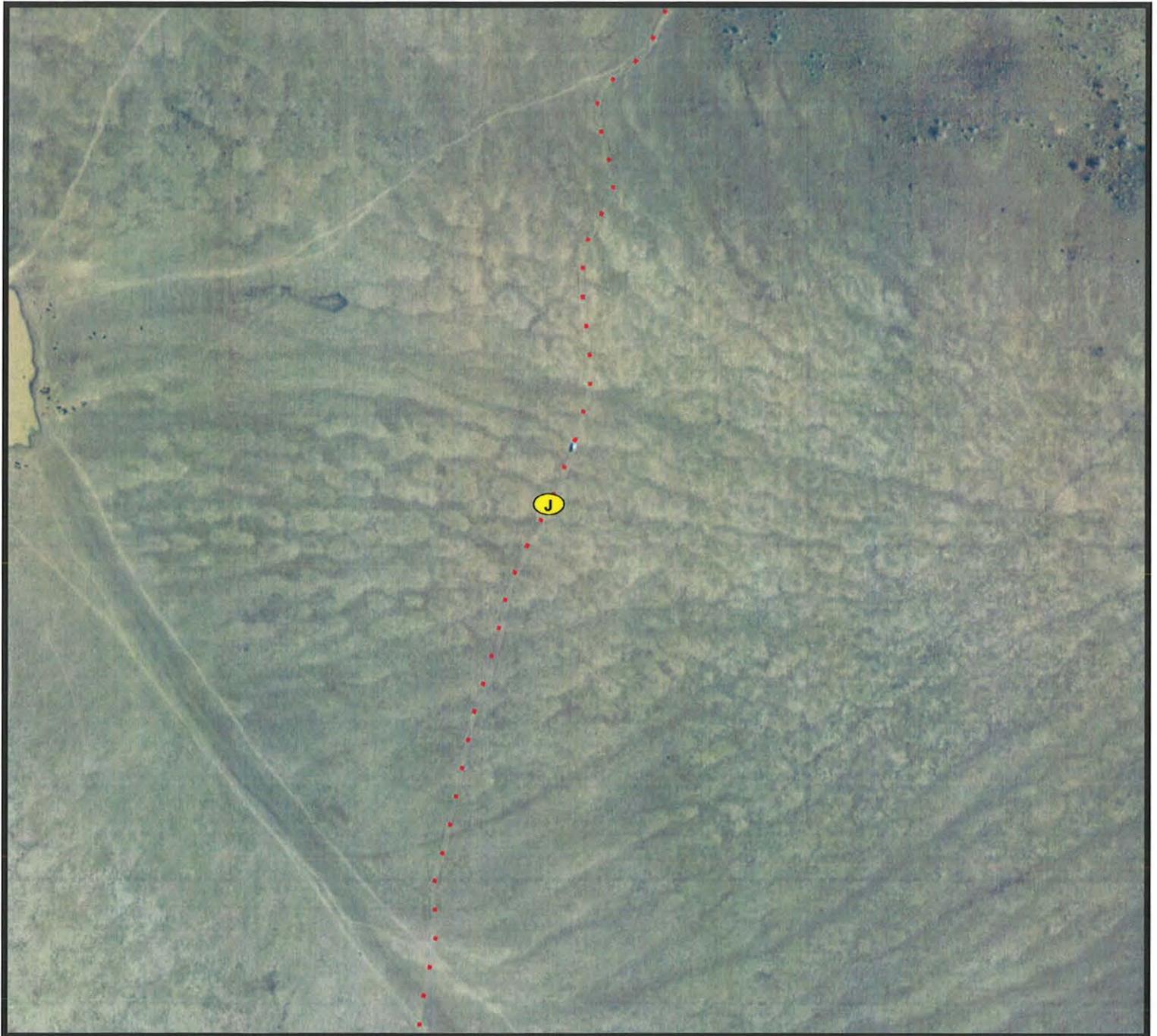
CRP-6 Alternative E-Map 18 Route Analysis

• • • Proposal to Close Road

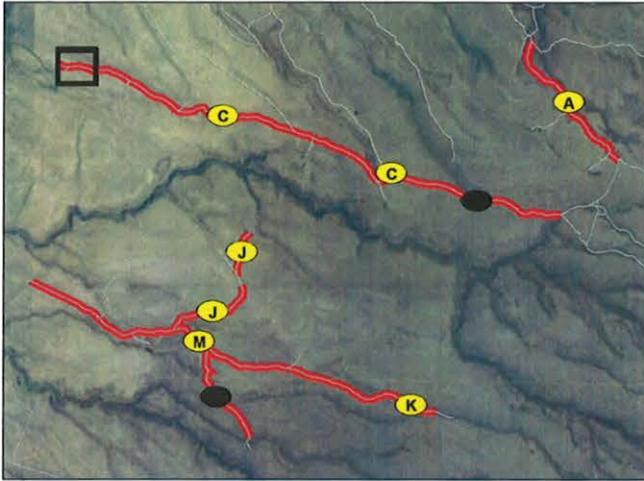
1 inch = 271 feet



2009 Half Meter Imagery



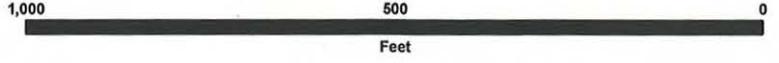
Overview



CRP-6 Alternative E-Map 19 Route Analysis

• • • Proposal to Close Road

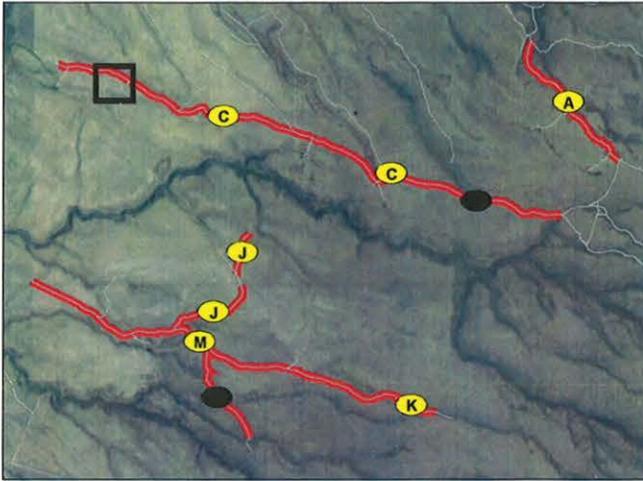
1 inch = 250 feet



2009 Half Meter Imagery



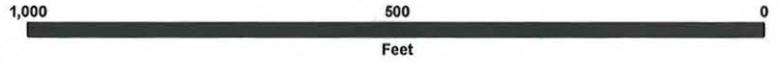
Overview



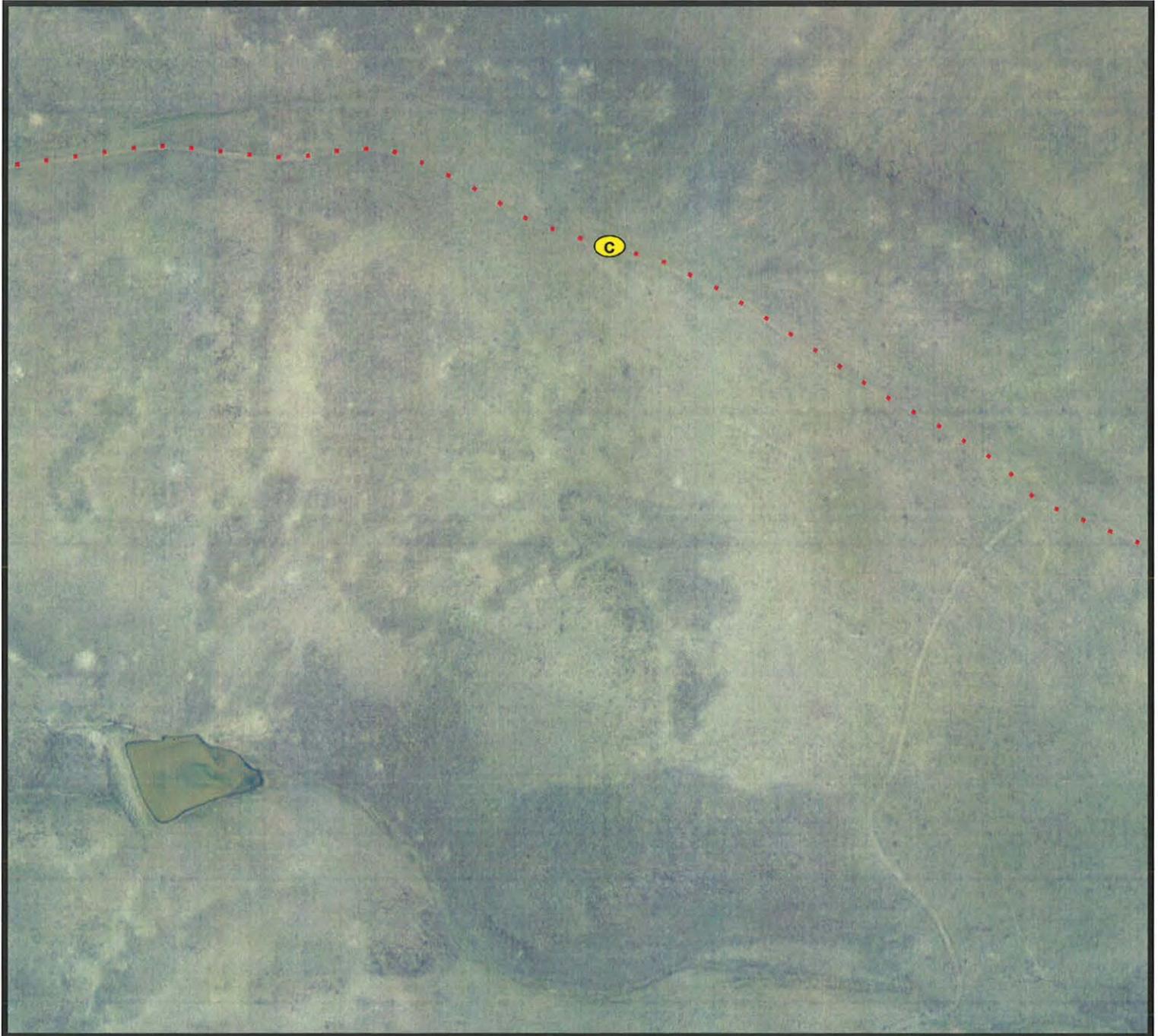
CRP-6 Alternative E-Map 20 Route Analysis

• • • Proposal to Close Road

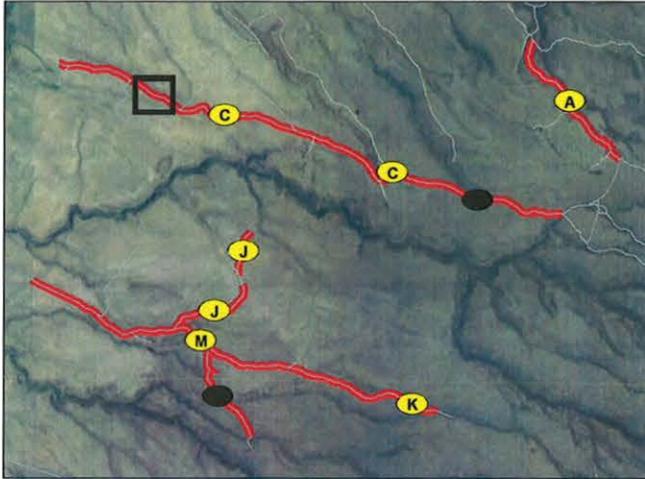
1 inch = 250 feet



2009 Half Meter Imagery



Overview



CRP-6 Alternative E-Map 21 Route Analysis

• • • Proposal to Close Road

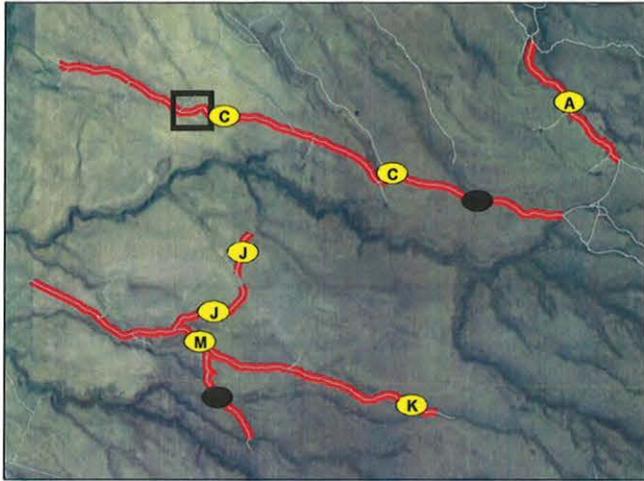
1 inch = 250 feet



2009 Half Meter Imagery



Overview



CRP-6 Alternative E-Map 22 Route Analysis

• • • Proposal to Close Road

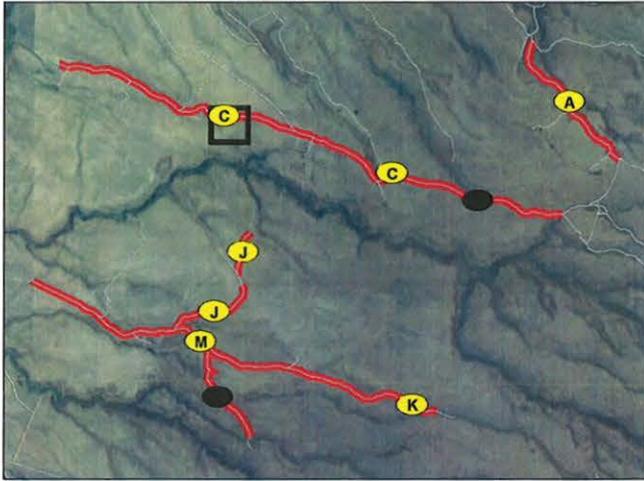
1 inch = 250 feet



2009 Half Meter Imagery



Overview



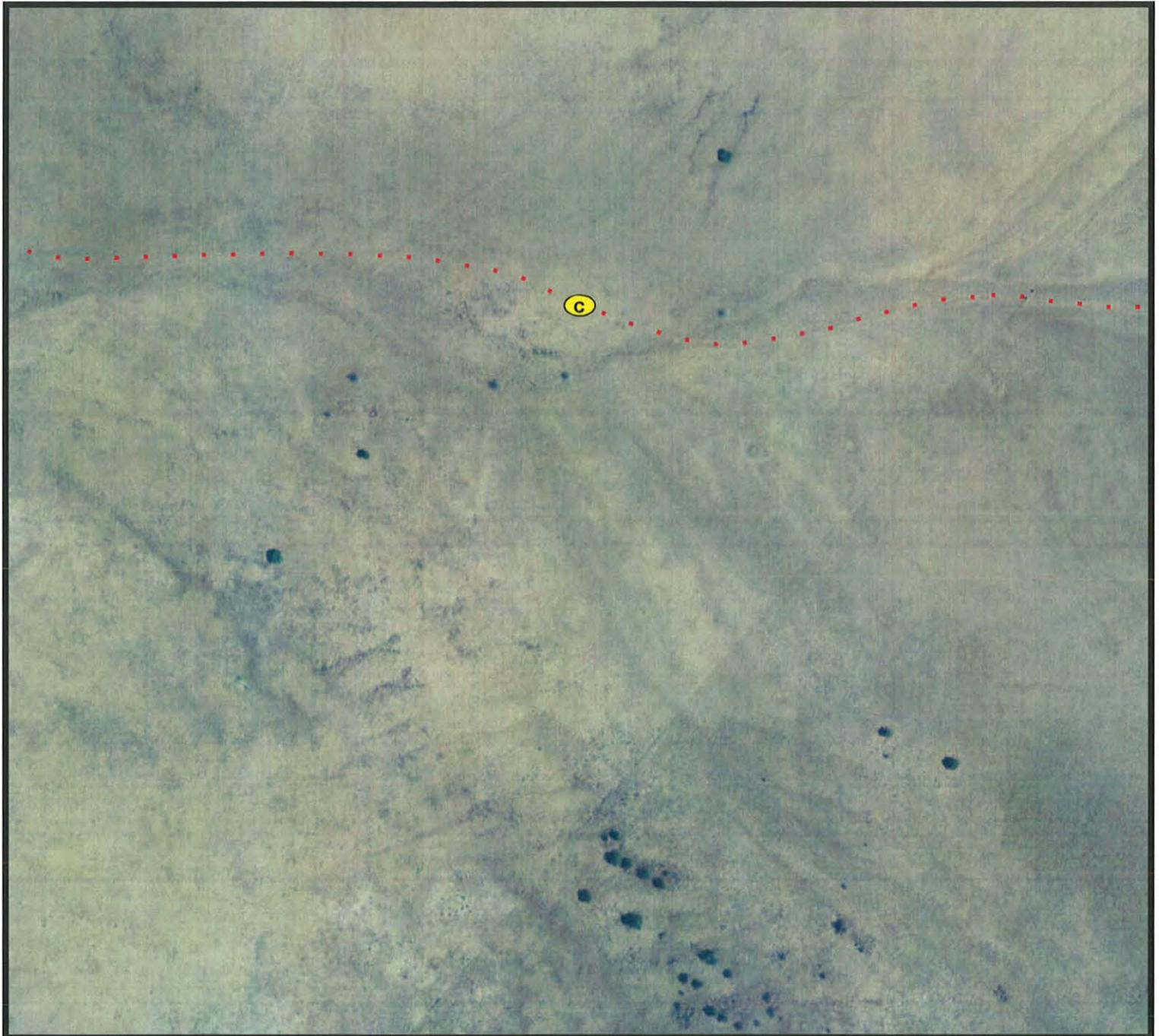
CRP-6 Alternative E-Map 23 Route Analysis

• • • Proposal to Close Road

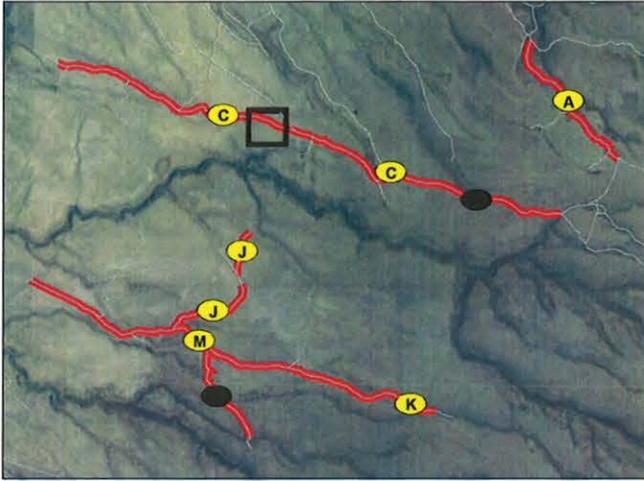
1 inch = 250 feet



2009 Half Meter Imagery



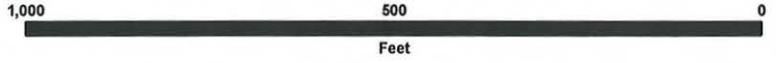
Overview



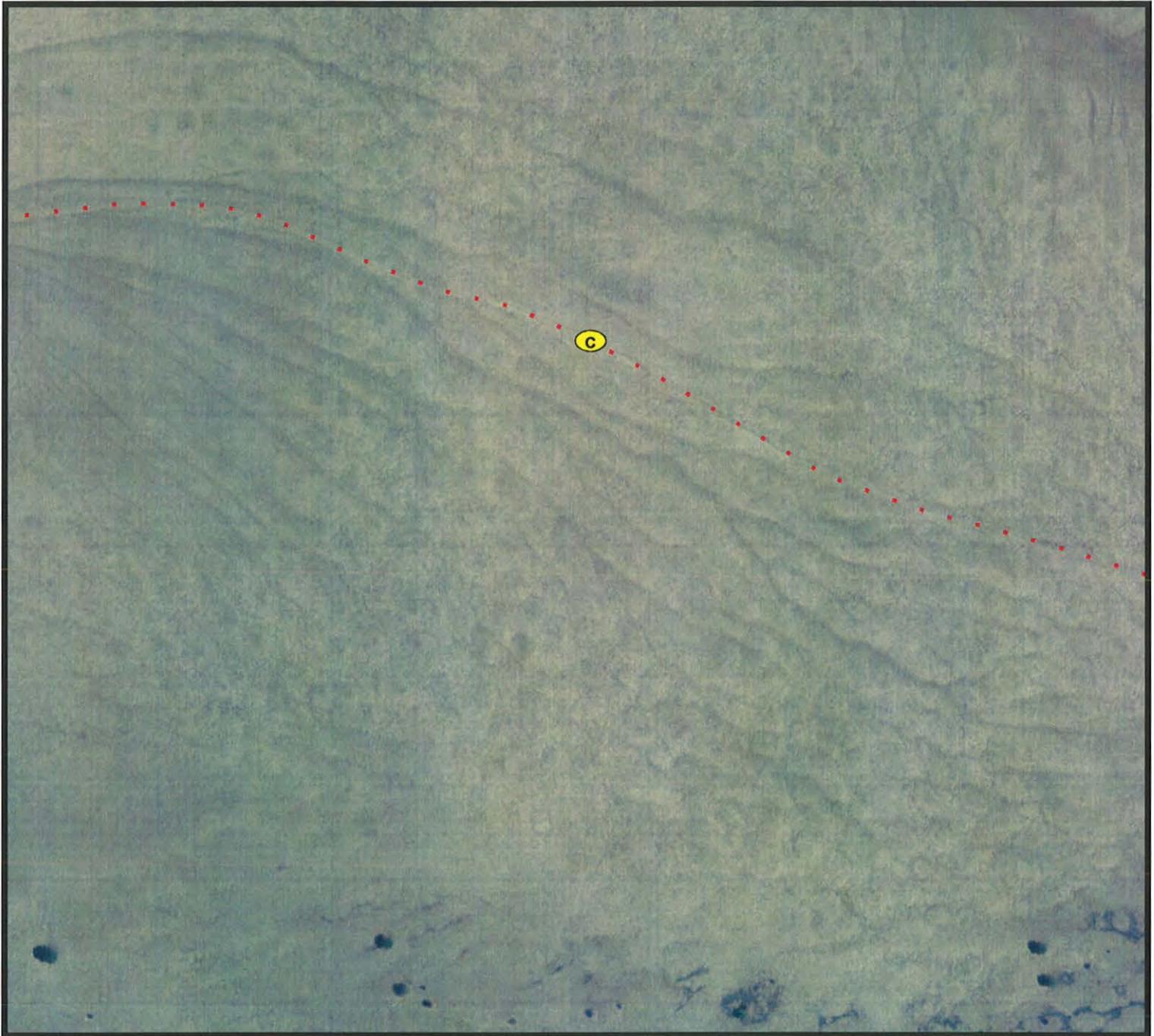
CRP-6 Alternative E-Map 24 Route Analysis

• • • Proposal to Close Road

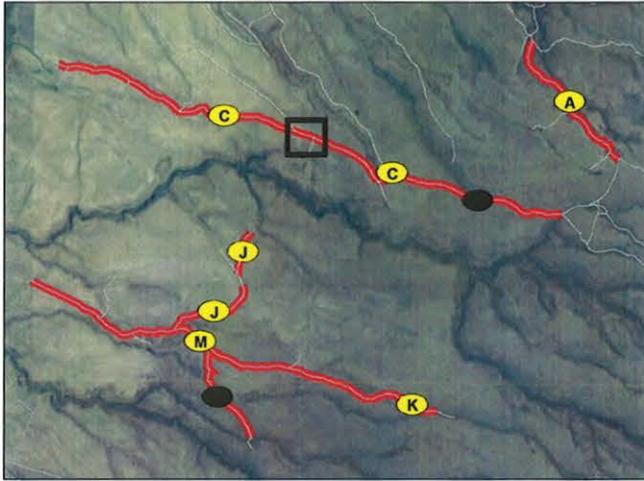
1 inch = 250 feet



2009 Half Meter Imagery



Overview



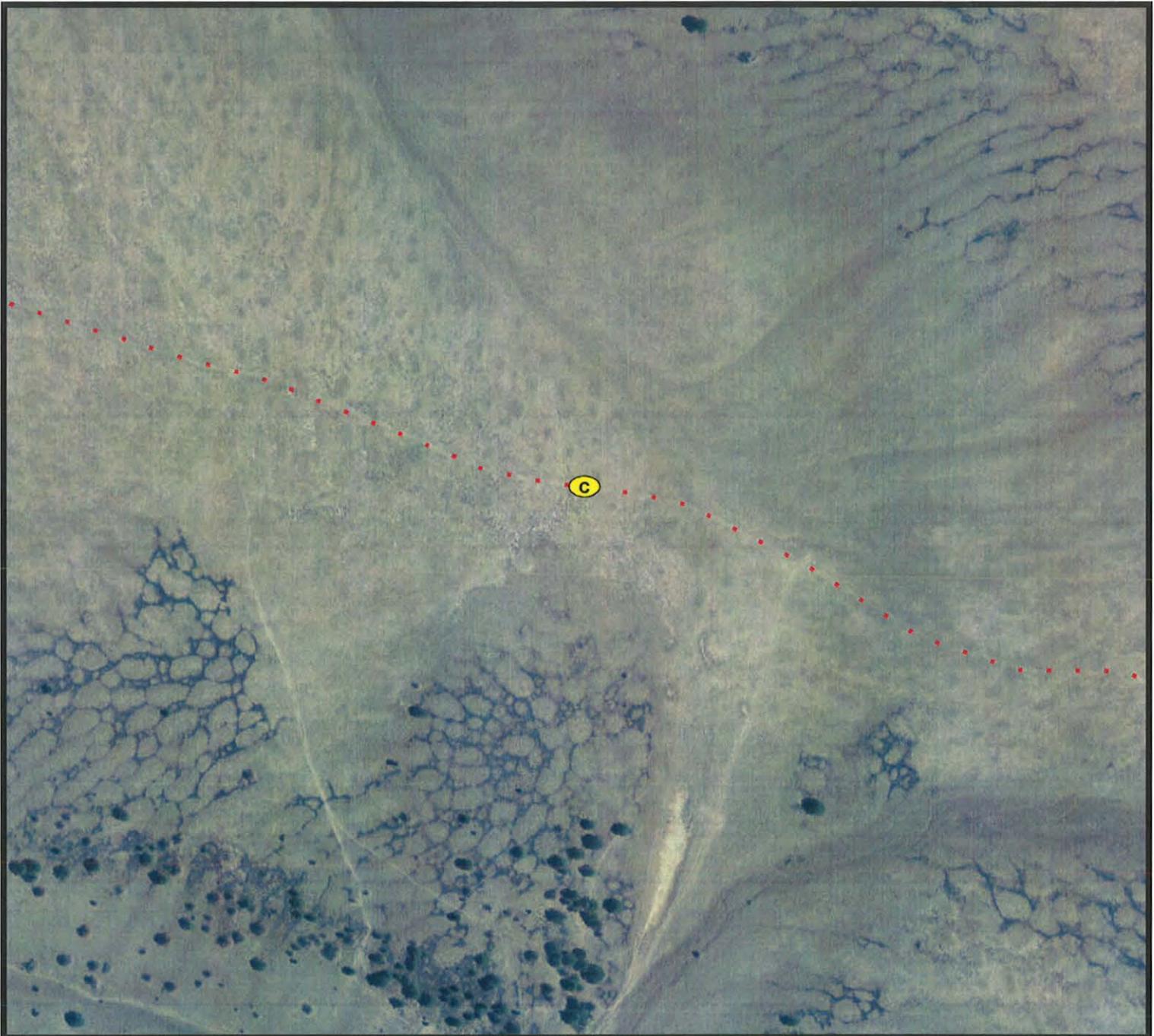
CRP-6 Alternative E-Map 25 Route Analysis

• • • Proposal to Close Road

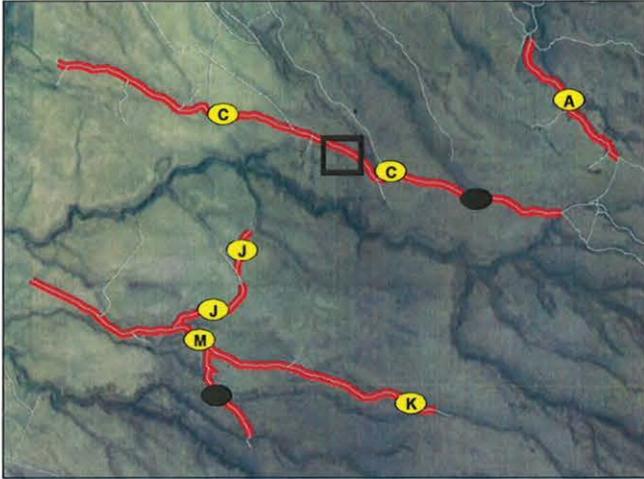
1 inch = 250 feet



2009 Half Meter Imagery



Overview



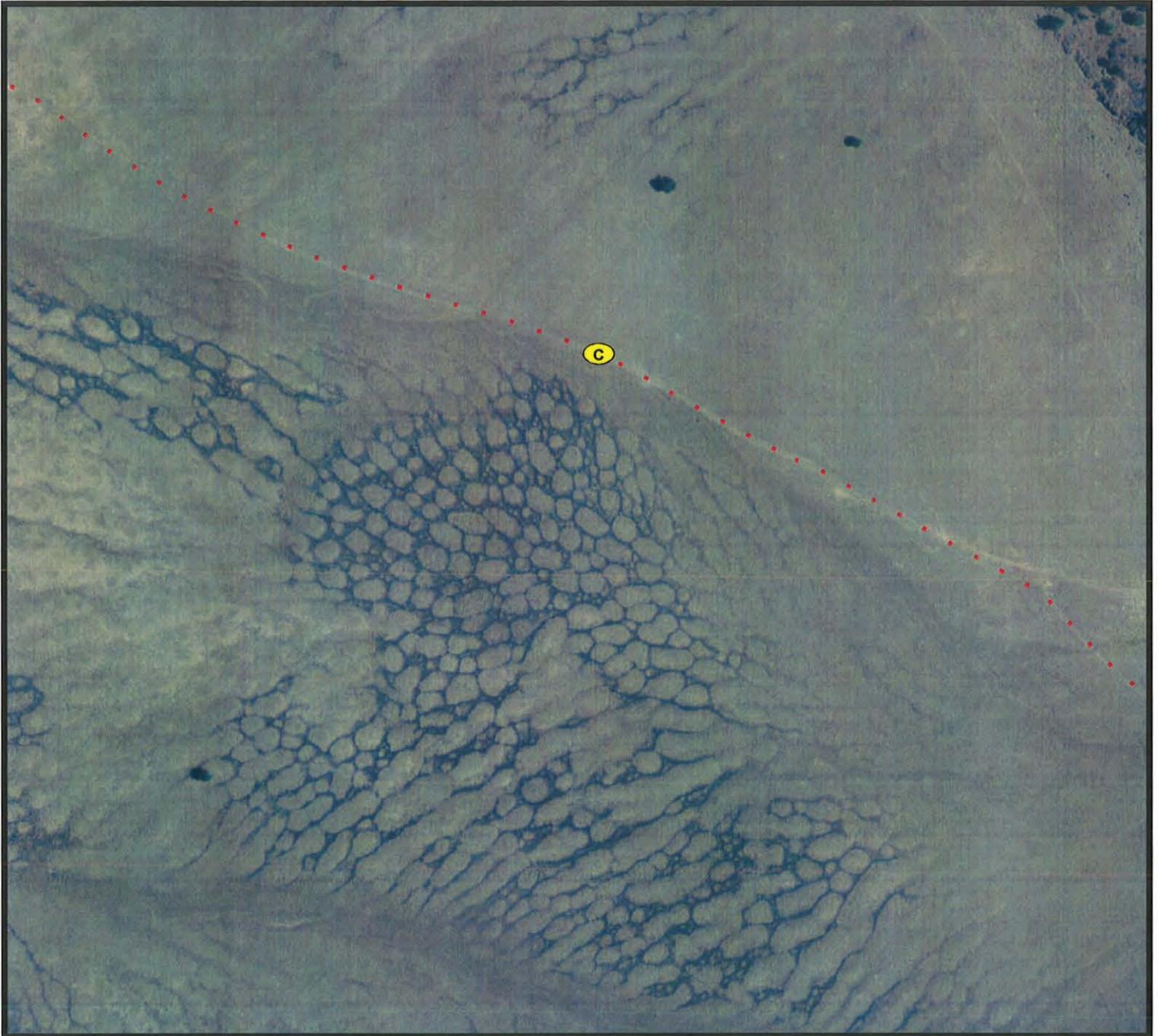
CRP-6 Alternative E-Map 26 Route Analysis

• • • Proposal to Close Road

1 inch = 250 feet



2009 Half Meter Imagery

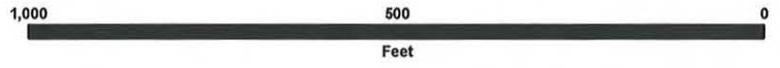


Overview

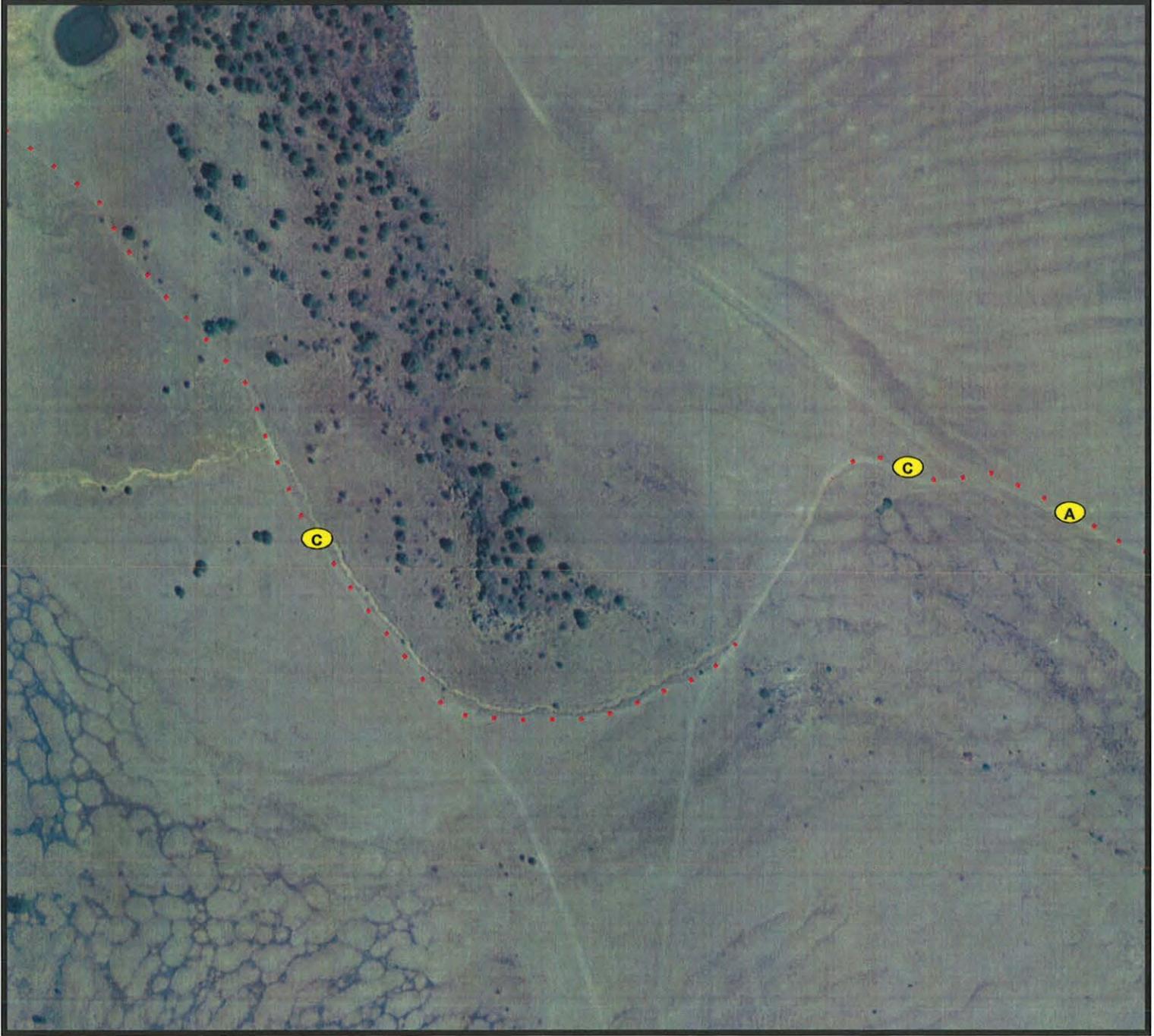
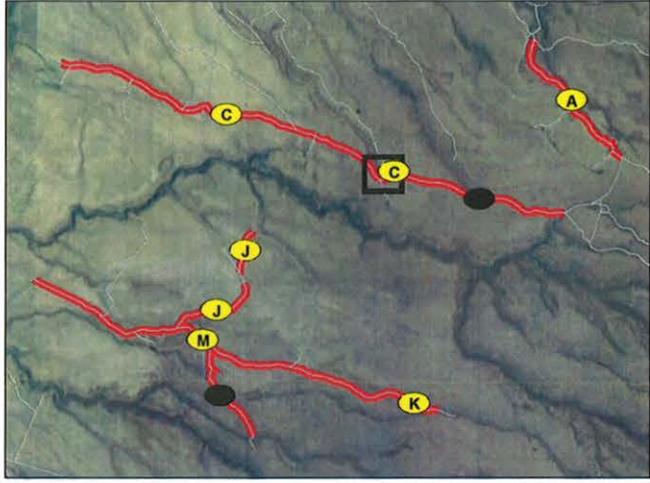
CRP-6 Alternative E-Map 27 Route Analysis

• • • Proposal to Close Road

1 inch = 250 feet



2009 Half Meter Imagery



Burns District BLM, Oregon
No warranty made by the BLM for use of the data for purposes not intended by the BLM.

Overview

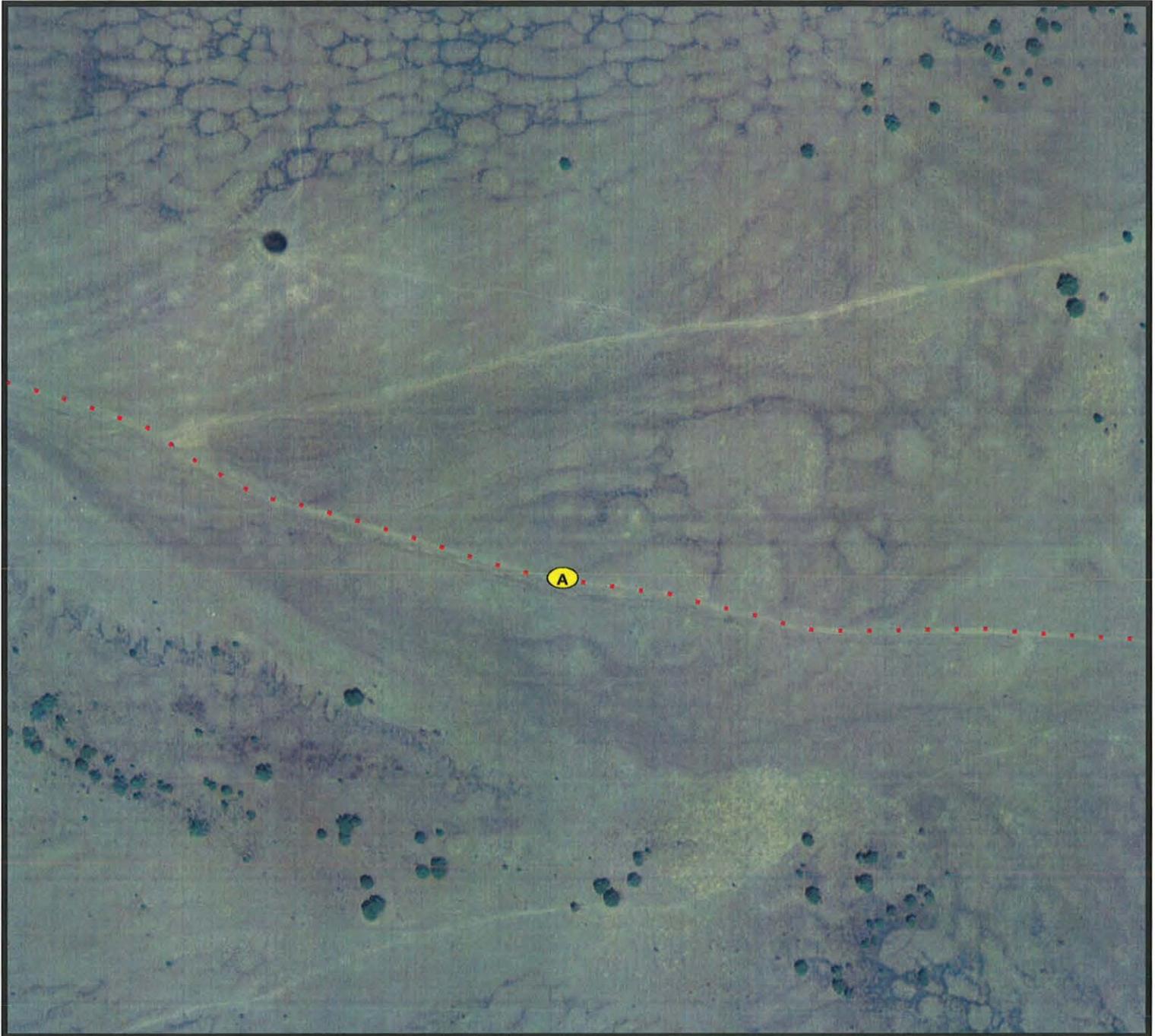
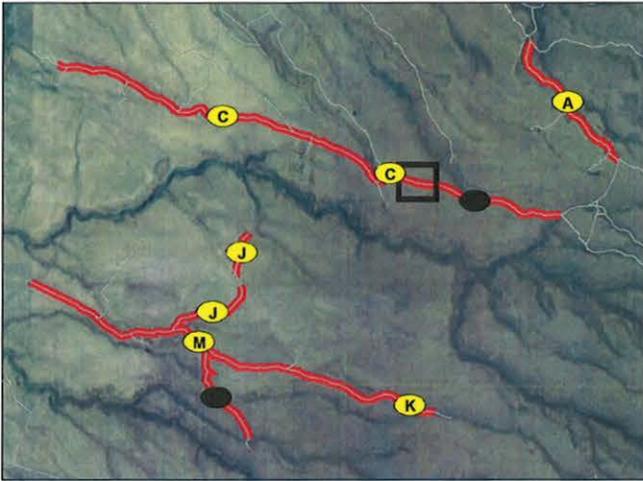
CRP-6 Alternative E-Map 28 Route Analysis

• • • Proposal to Close Road

1 inch = 250 feet



2009 Half Meter Imagery

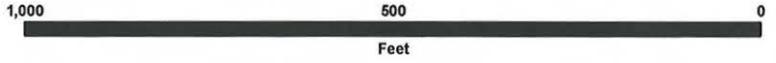


Overview

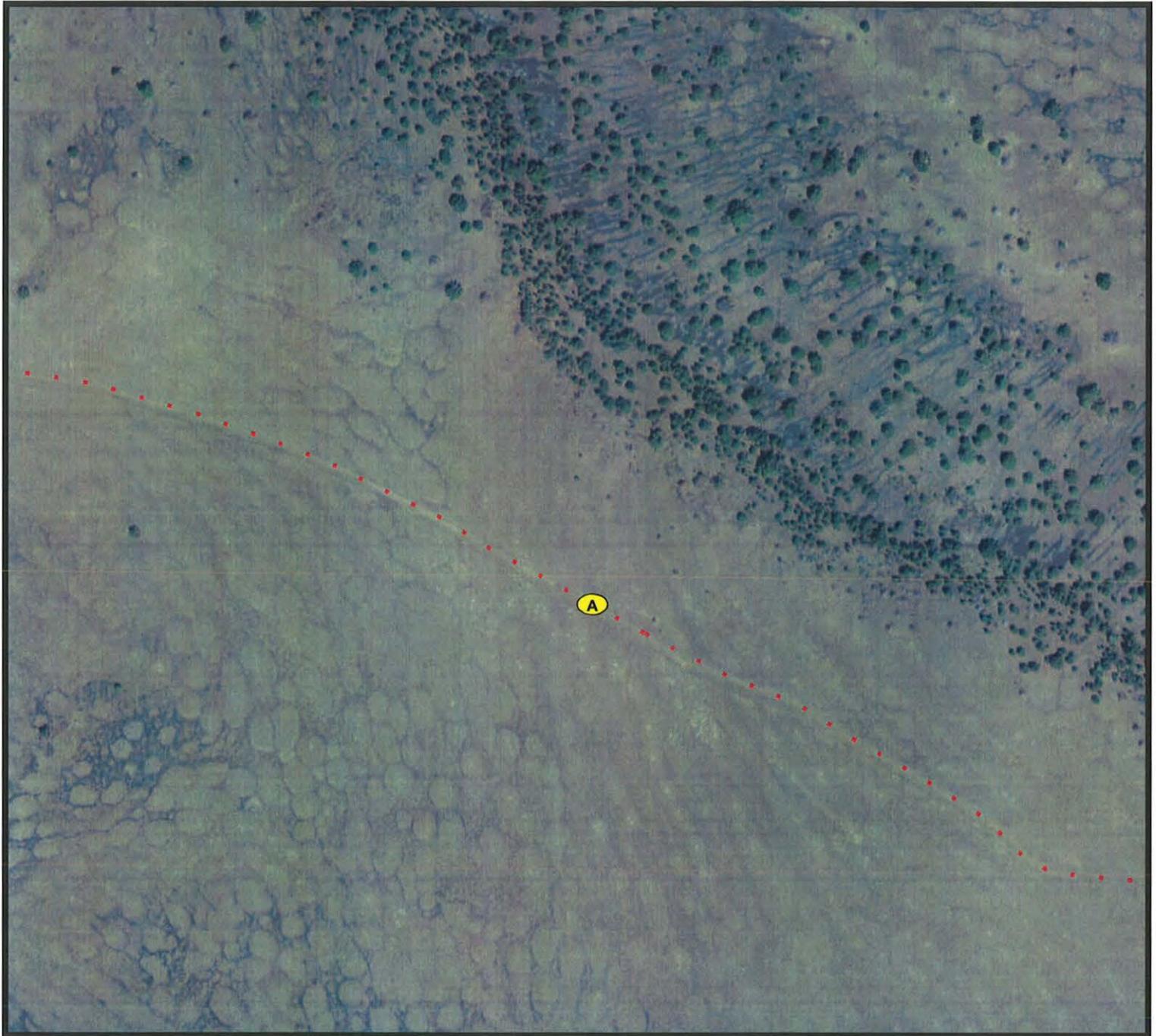
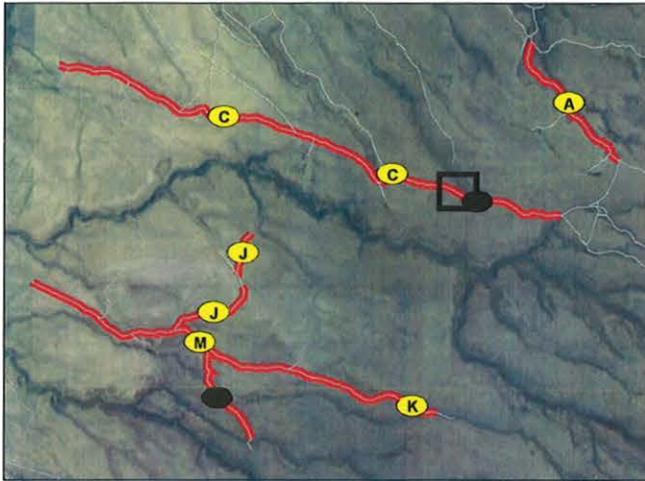
CRP-6 Alternative E-Map 29 Route Analysis

• • • Proposal to Close Road

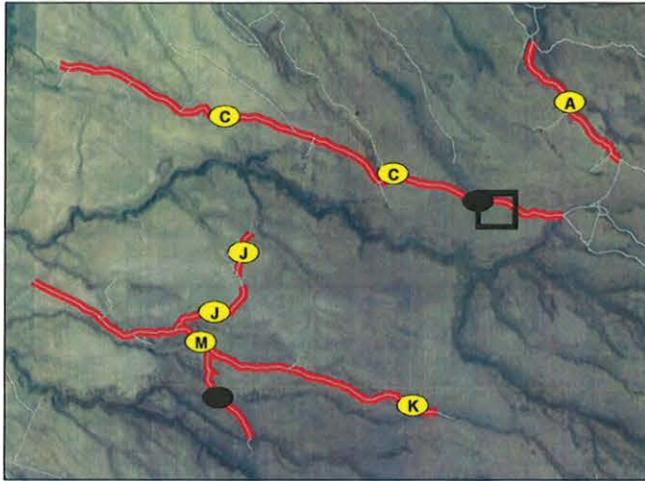
1 inch = 250 feet



2009 Half Meter Imagery



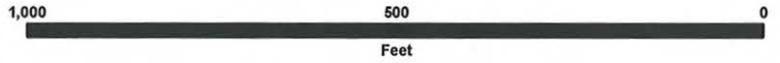
Overview



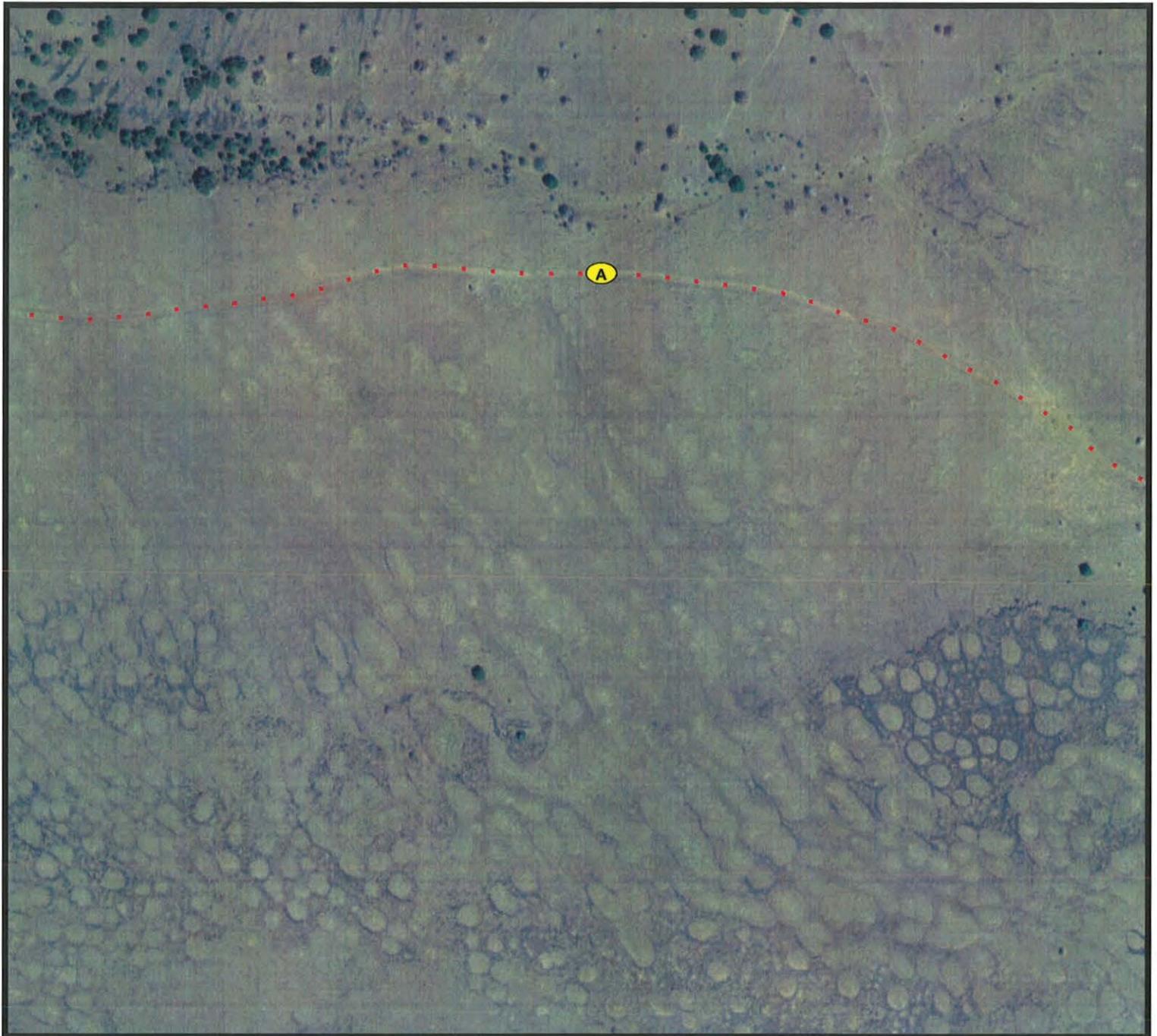
CRP-6 Alternative E-Map 30 Route Analysis

• • • Proposal to Close Road

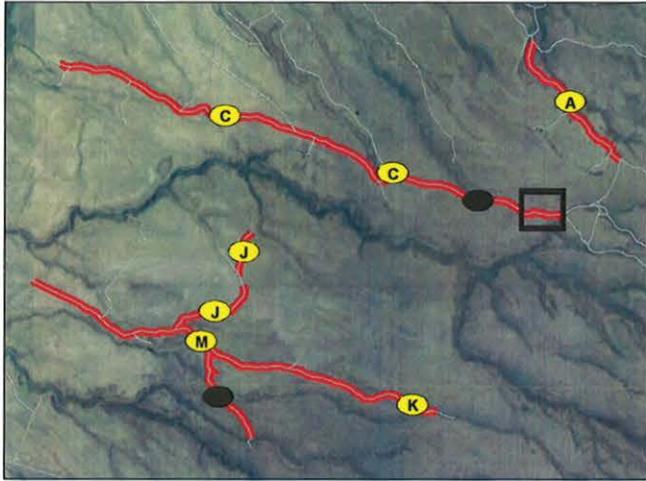
1 inch = 250 feet



2009 Half Meter Imagery



Overview



CRP-6 Alternative E-Map 31 Route Analysis

• • • Proposal to Close Road

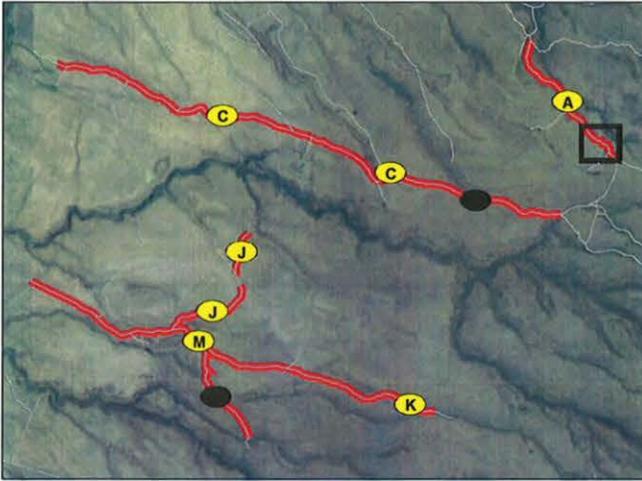
1 inch = 275 feet



2009 Half Meter Imagery



Overview



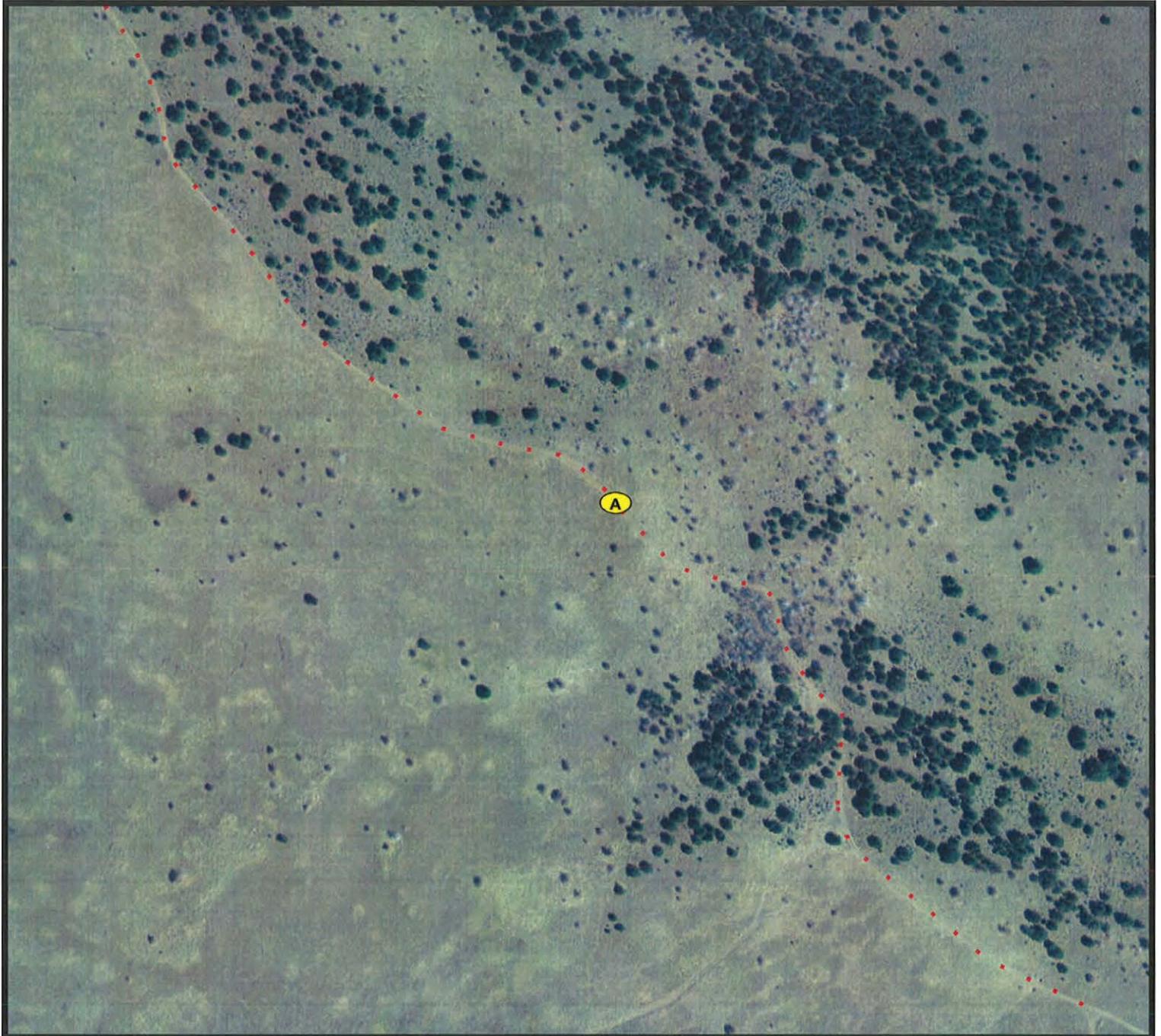
CRP-6 Alternative E-Map 32 Route Analysis

• • • Proposal to Close Road

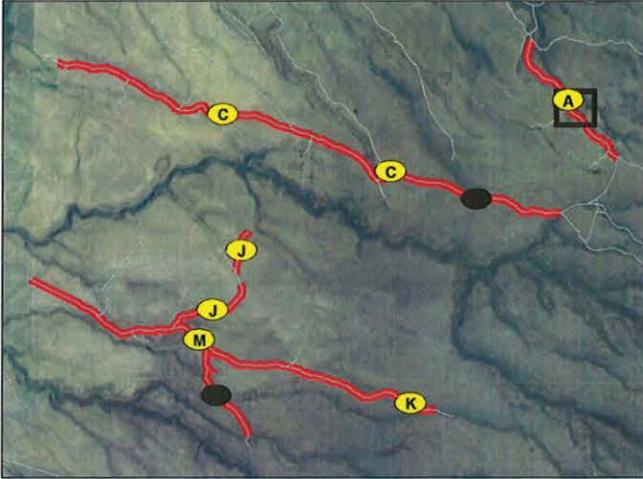
1 inch = 250 feet



2009 Half Meter Imagery



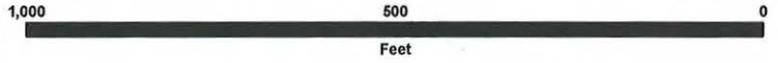
Overview



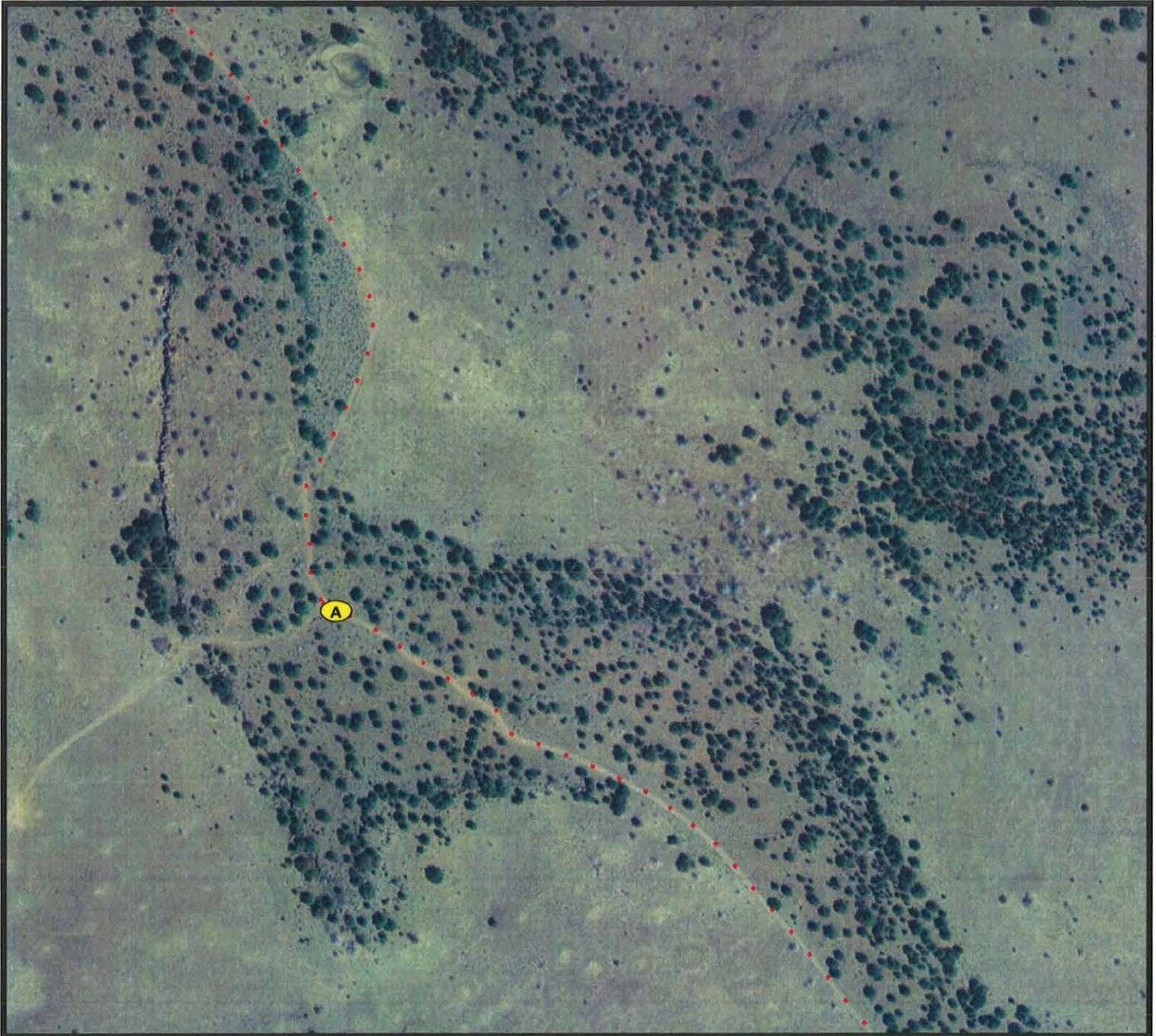
CRP-6 Alternative E-Map 33 Route Analysis

• • • Proposal to Close Road

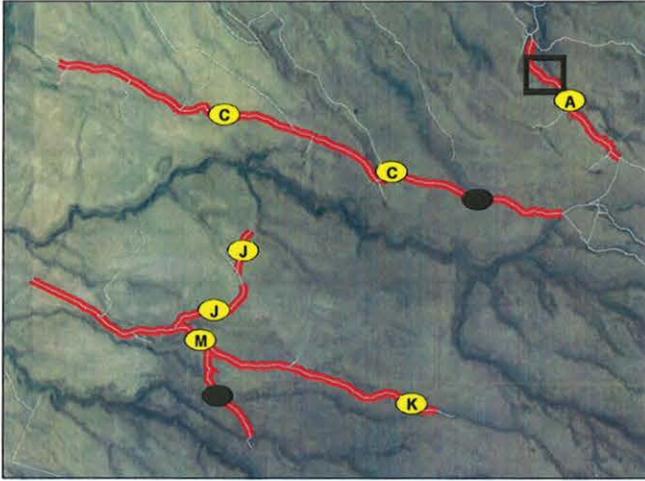
1 inch = 250 feet



2009 Half Meter Imagery



Overview



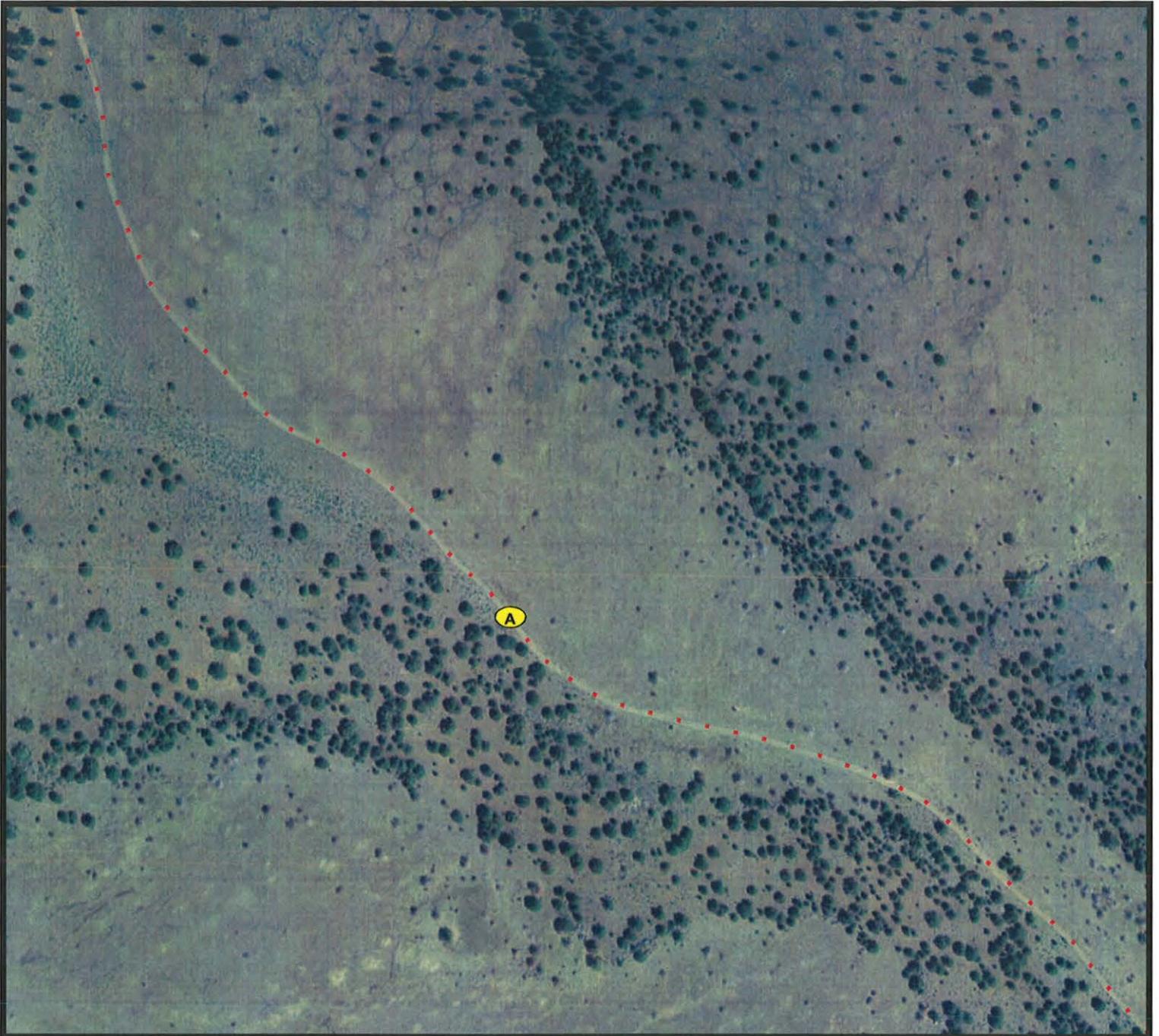
CRP-6 Alternative E-Map 34 Route Analysis

• • • Proposal to Close Road

1 inch = 250 feet



2009 Half Meter Imagery

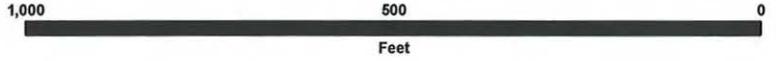


Overview

CRP-6 Alternative E-Map 35 Route Analysis

• • • Proposal to Close Road

1 inch = 250 feet



2009 Half Meter Imagery

