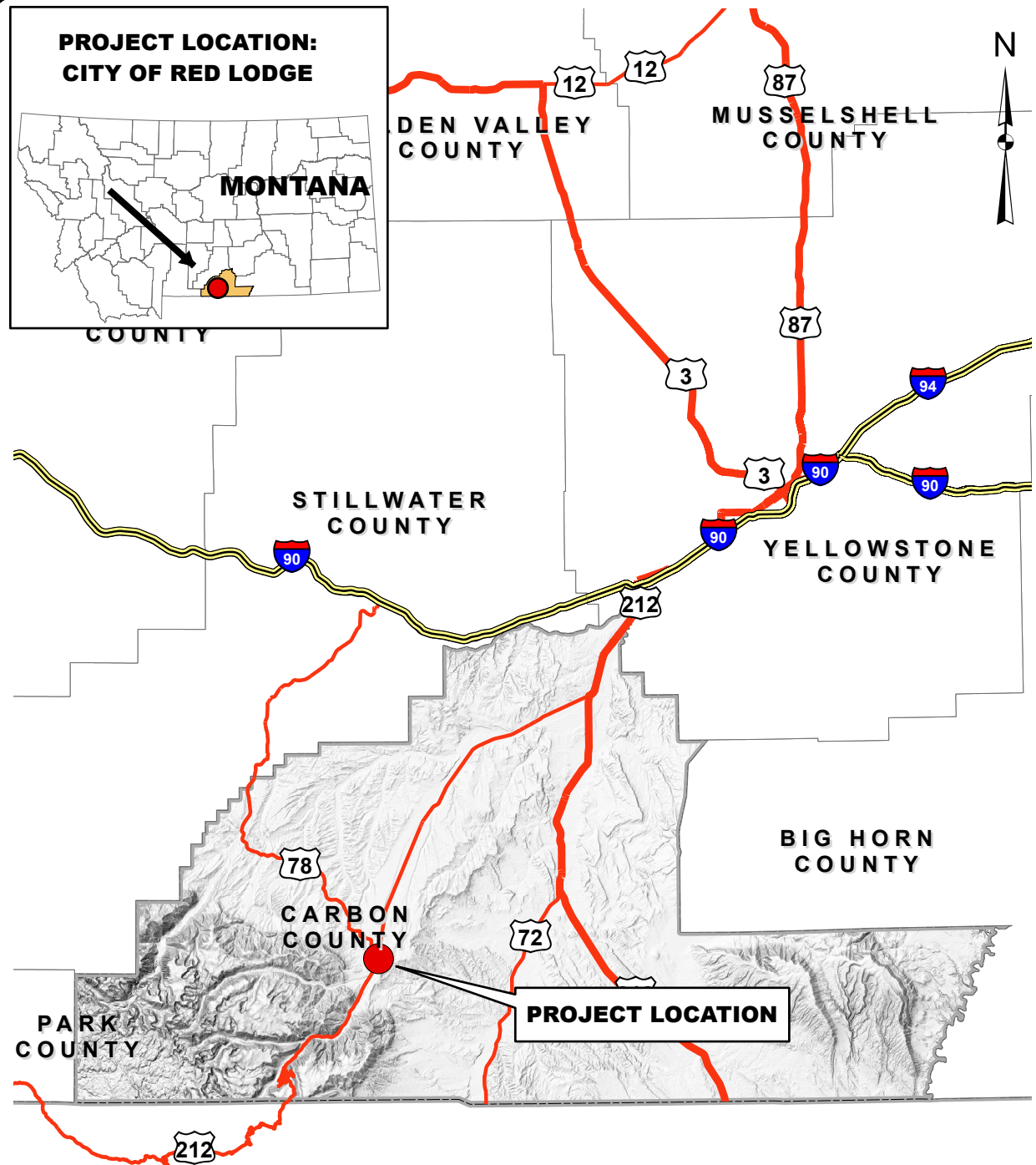


Appendix A

Maps



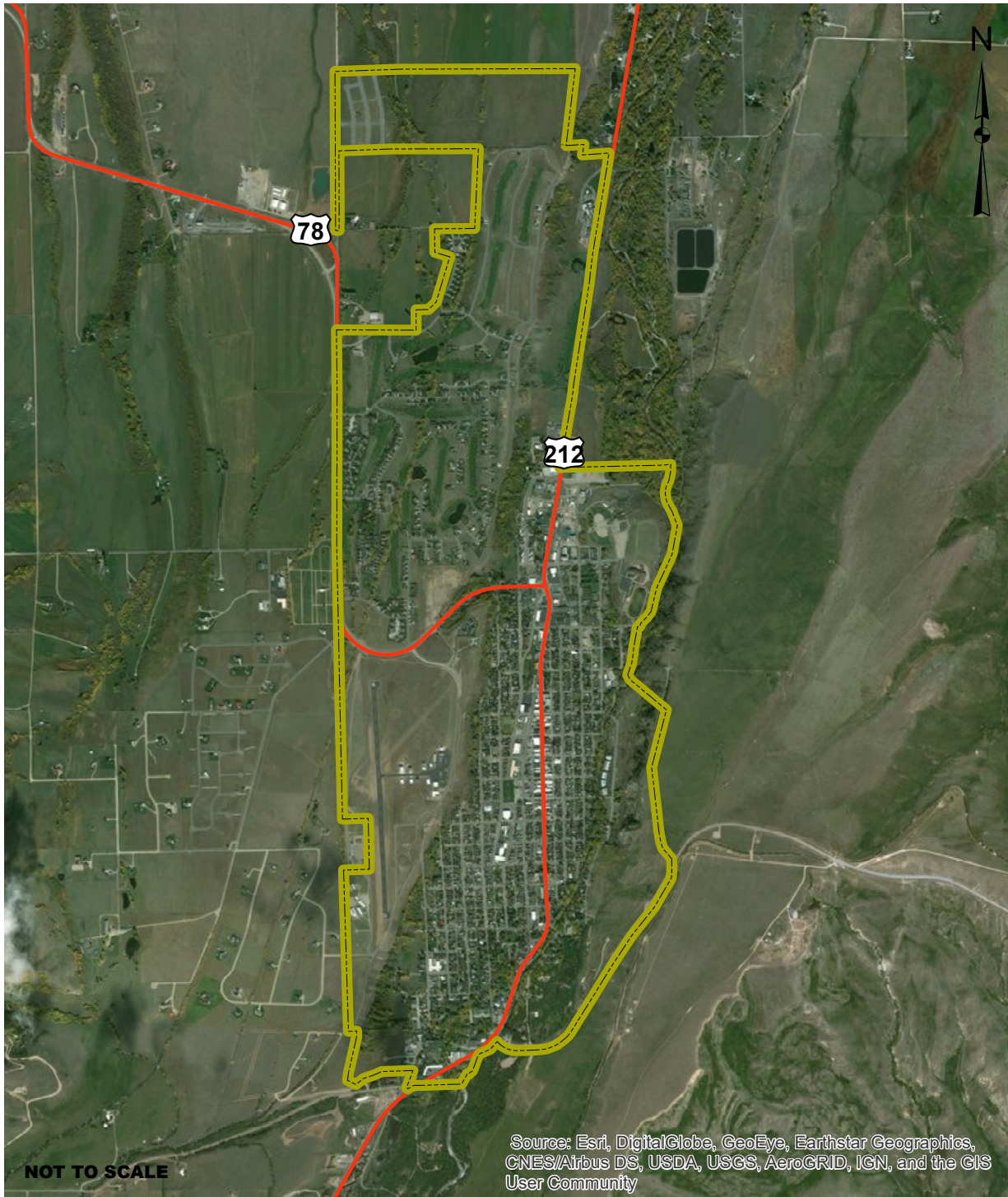
NOT TO SCALE

**RED LODGE STORMWATER FACILITY IMPROVEMENTS
FIGURE 1 - PROJECT LOCATION**

CITY OF RED LODGE, MONTANA
2020 PRELIMINARY ENGINEERING REPORT



Red Lodge Stormwater PER Location Map



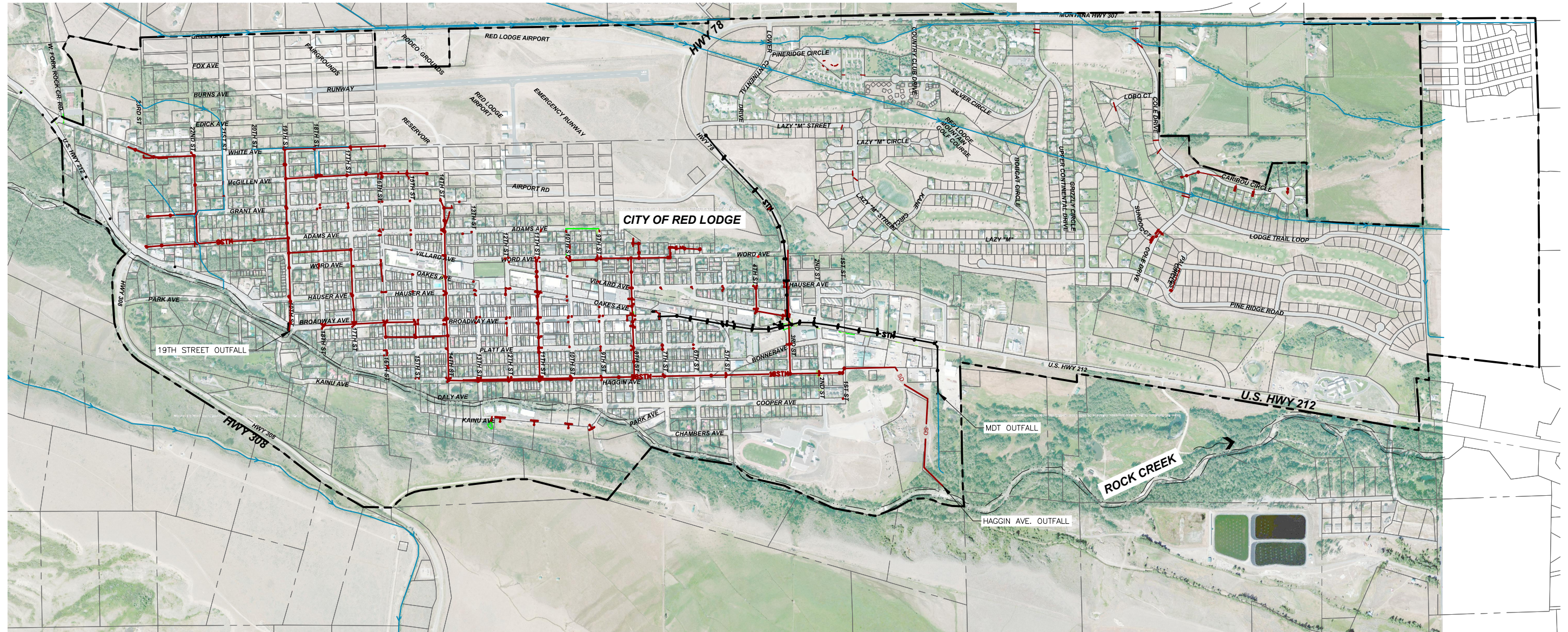
Red Lodge Stormwater PER City Limits Map



**RED LODGE STORMWATER FACILITY IMPROVEMENTS
FIGURE 3 - CITY BOUNDARIES**

CITY OF RED LODGE, MONTANA
2020 PRELIMINARY ENGINEERING REPORT

J:\2-12102 - Red Lodge On-Call 2012\TO 09 - Stormwater Master Plan\CADD_2-12102-TO09\Exhibits\PER_2-12102-TO9-PER-Planning_Area.dwg



LEGEND	
	RED LODGE CITY LIMITS
	STORMWATER SYSTEM
	IRRIGATION SYSTEM
	MD SYSTEM

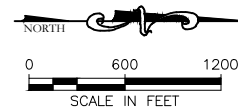
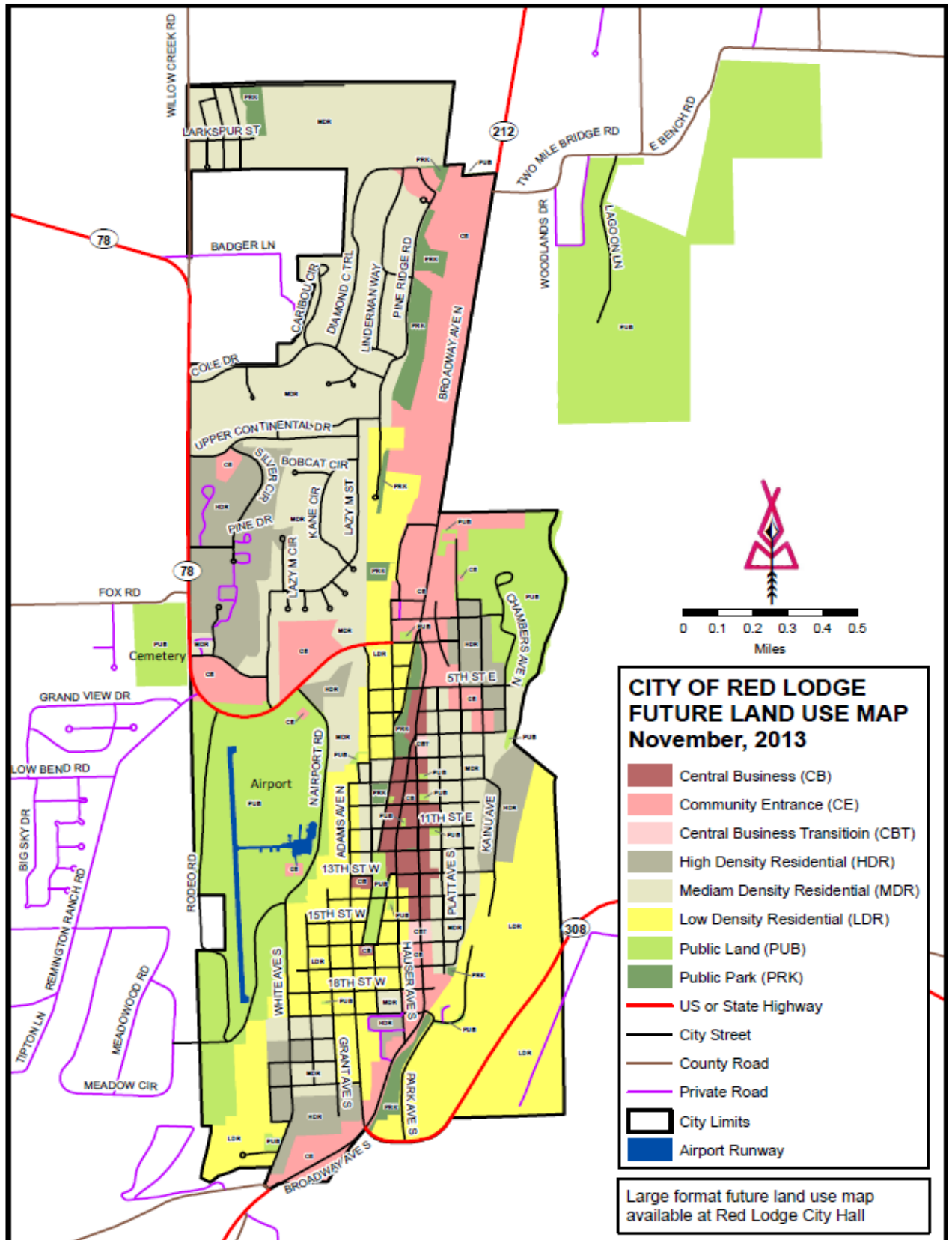


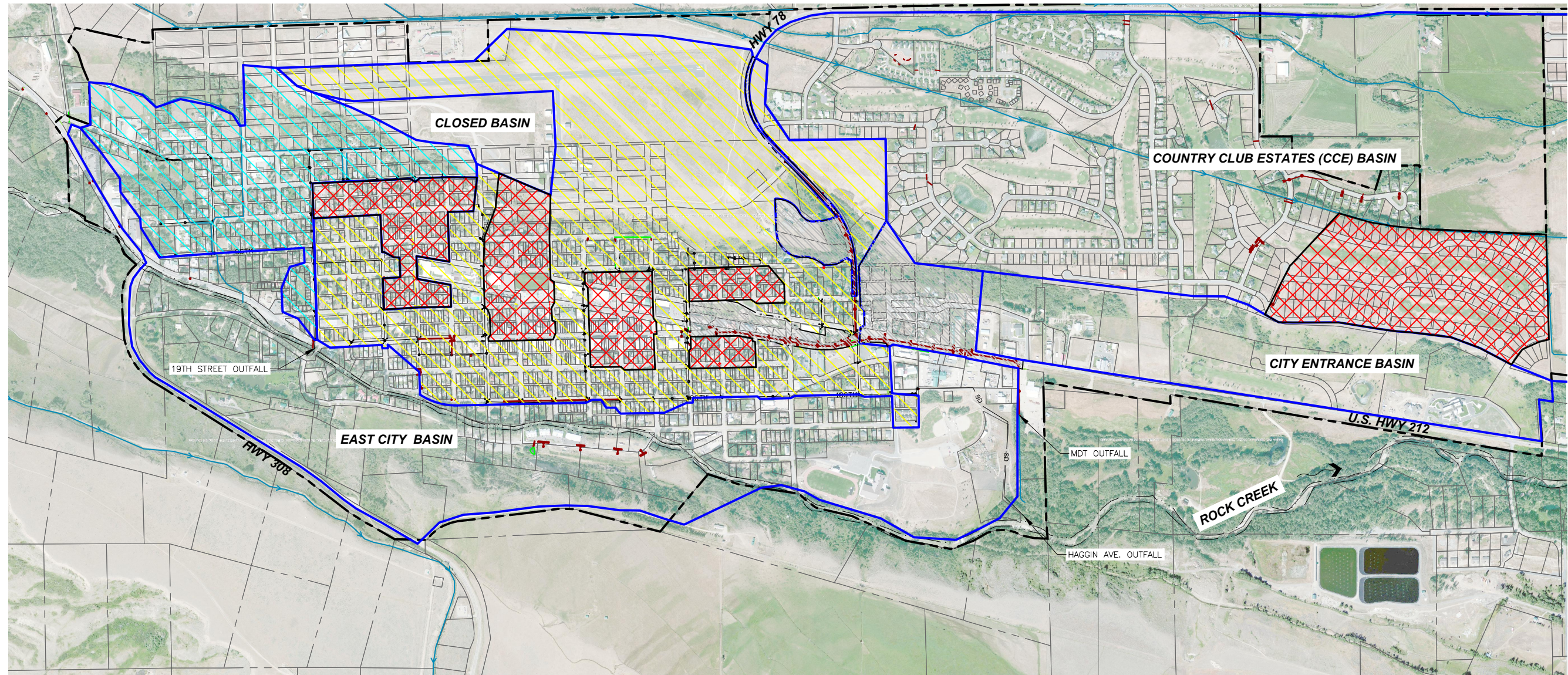
Figure #4
PLANNING AREA WITH EXISTING
SYSTEM SHOWN

CITY OF RED LODGE
 2020 STORMWATER IMPROVEMENTS PER

Figure 5: Future Land Use Map, 2015 Growth Policy



J:\2-12102 - Red Lodge On-Call 2012\TO 09 - Stormwater Master Plan\CADD_2-12102-TO09\Exhibits\PER_2-12102-TO9-PER-Existing Facilities.dwg



LEGEND	
	RED LODGE LINES
	EXISTING STORM SEWER
	MAJOR DRAINAGE LINES
	IRRIGATION DRAINAGE DITCH
	100 YEAR DRAINAGE DISTRICT
	EXISTING DRAINAGE DISTRICT
	DRAINAGE DISTRICTS
	MDR DRAINAGE DISTRICT

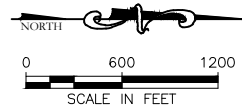
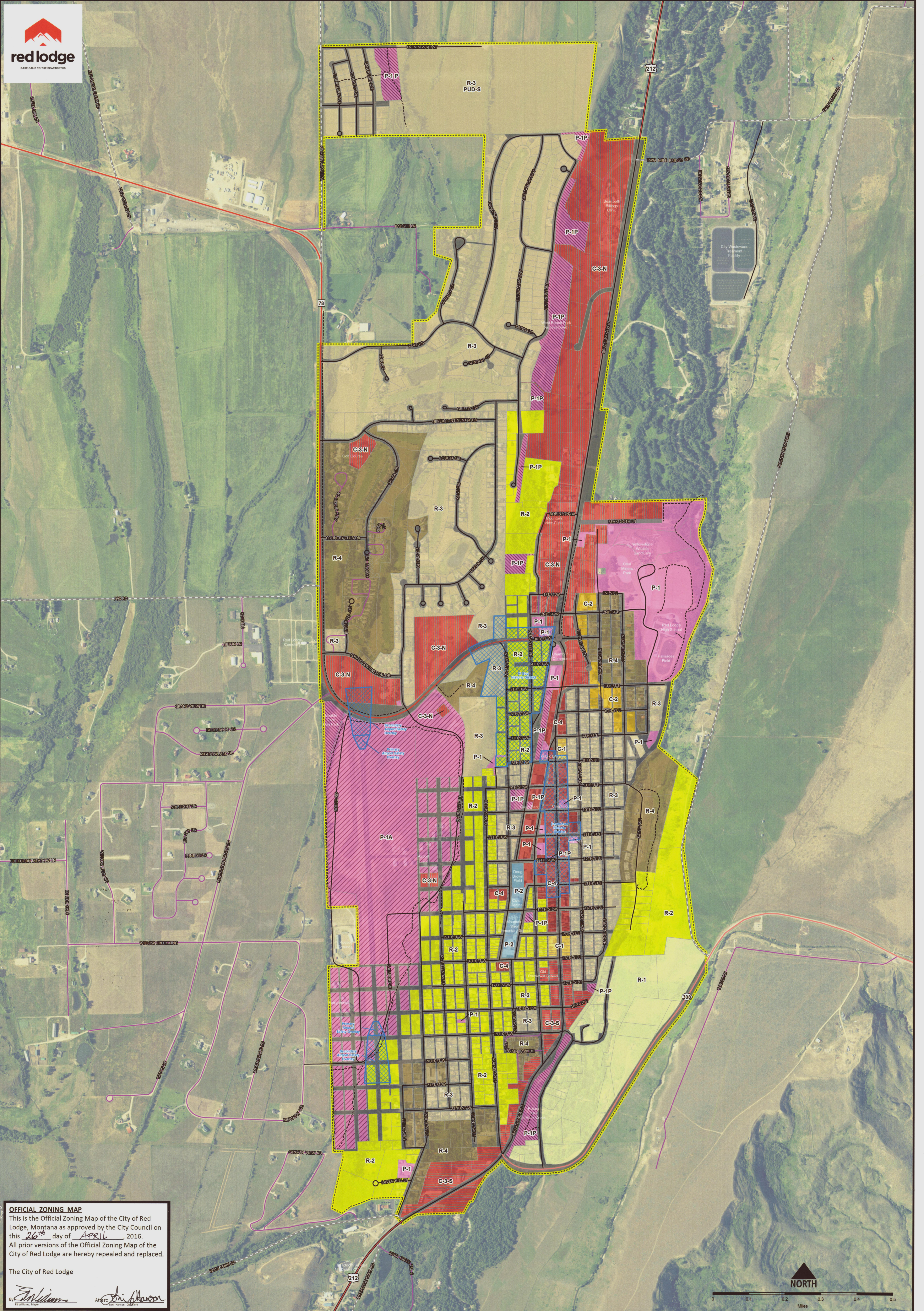
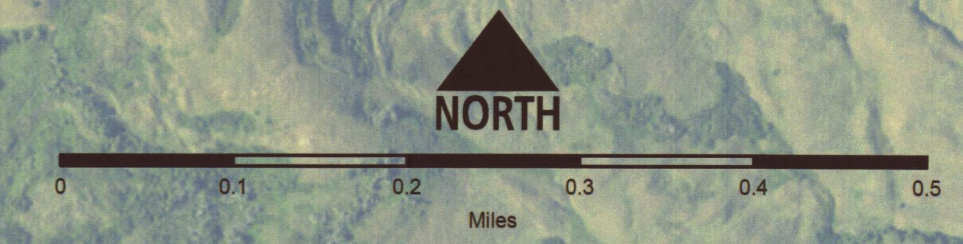


Figure #6
EXISTING FACILITIES
 CITY OF RED LODGE
 2020 STORMWATER IMPROVEMENTS PER



OFFICIAL ZONING MAP
 This is the Official Zoning Map of the City of Red Lodge, Montana as approved by the City Council on this 26th day of APRIL, 2016.
 All prior versions of the Official Zoning Map of the City of Red Lodge are hereby repealed and replaced.
 The City of Red Lodge

By *[Signature]*
 Attest *[Signature]*



<p>CITY OF RED LODGE Zoning Map 9.0</p>	<p>Low Density Rural Residential (R-1)</p> <p>Low Density Urban Residential (R-2)</p> <p>Medium Density Residential (R-3)</p> <p>High Density Residential (R-4)</p> <p>Central Business Transition (C-1)</p>	<p>Commercial Mixed Use (C-2)</p> <p>Community Entrance South (C-3-S)</p> <p>Community Entrance North (C-3-N)</p> <p>Central Business (C-4)</p> <p>Public Use (P-1)</p>	<p>Airport (P-1 A)</p> <p>Dedicated Park (P-1 P)</p> <p>Public Use (P-2)</p> <p>Right of Way</p>	<p>Zoning Overlays</p> <p>City Limits</p> <p>Parcels</p>	<p>Map Scale 1:7000 or 1 inch = 583 feet</p> <p>Revision Date April 3, 2016</p> <p>Cartographer Tom Kohley DBA Ranch Maps</p>
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National Geodetic Survey
SSMC-3, #9202
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Silver Spring, Maryland 20910-3282
(301) 713-3242

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LEGEND

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ZONE A No Base Flood Elevations determined.

ZONE AE Base Flood Elevations determined.

ZONE AH Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.

ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

ZONE AR Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.

ZONE A99 Areas to be protected from 1% annual chance flood event by a Federal flood protection system under construction; no Base Flood Elevations determined.

ZONE V Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.

ZONE VE Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X Areas determined to be outside the 0.2% annual chance floodplain.

ZONE D Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% annual chance floodplain boundary
0.2% annual chance floodplain boundary
Floodway boundary
Zone D boundary
CBRS and OPA boundary
Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities
Base Flood Elevation line and value; elevation in feet*
Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988

97°07'30", 32°22'30" Transverse line
Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere

4750000E 1000-meter Universal Transverse Mercator grid ticks, zone 12
6000000 FT 5000-foot grid values: Montana State Plane coordinate system (FIPSZONE = 2500), Lambert projection
DX5510 Bench mark (see explanation in Notes to Users section of this FIRM panel)

M1.5 River Mile

MAP REPOSITORIES
Refer to Map Repositories List on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
December 4, 2012

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

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To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 500'

250 0 250 500 750 1,000 FEET
150 0 150 300 METERS

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0692D

FIRM
FLOOD INSURANCE RATE MAP
CARBON COUNTY,
MONTANA
AND INCORPORATED AREAS

PANEL 692 OF 1500
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
CARBON COUNTY	300139	0692	D
RED LODGE, CITY OF	300007	0692	D

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MAP NUMBER
30009C0692D

EFFECTIVE DATE
DECEMBER 4, 2012

Federal Emergency Management Agency

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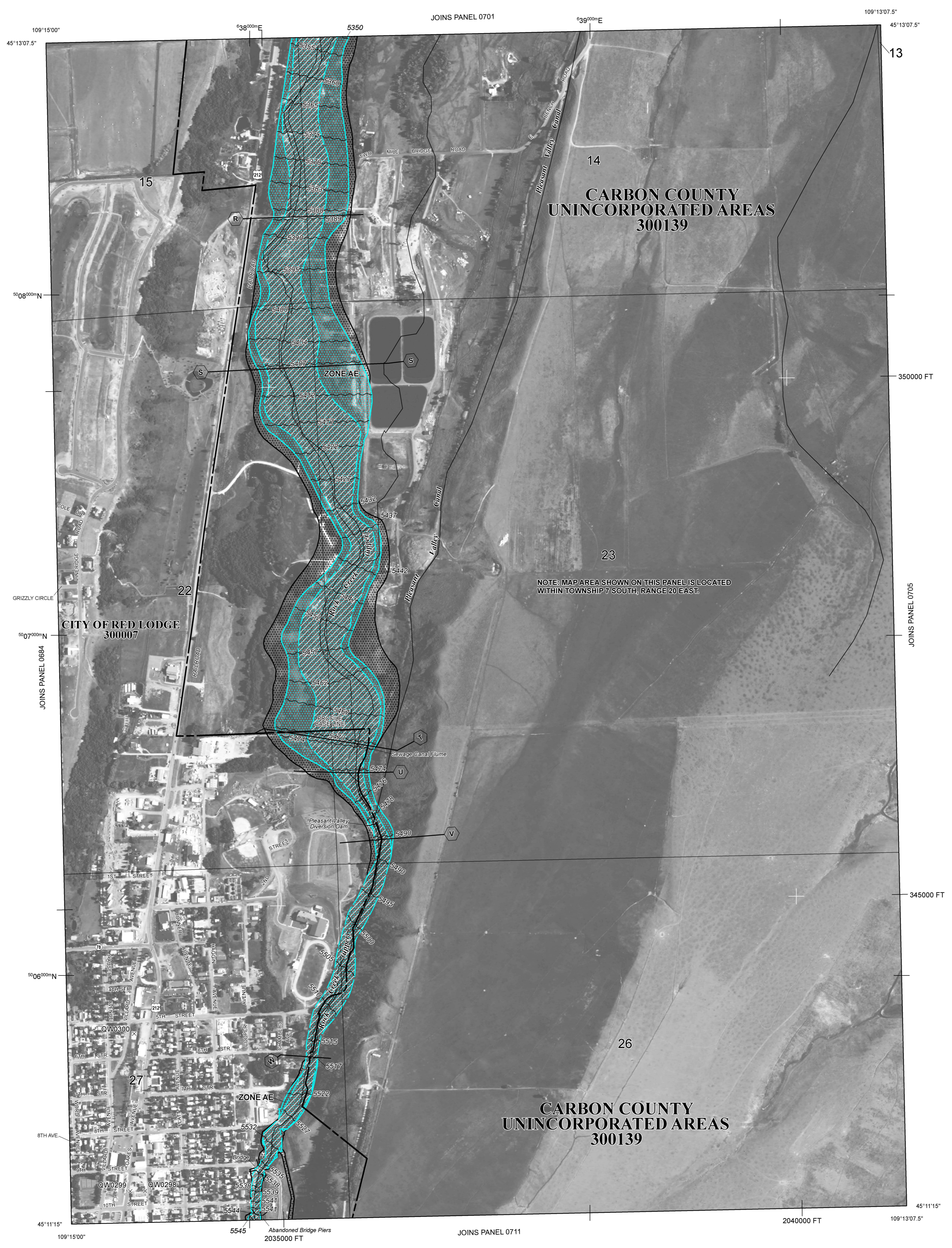
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NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0703D

FIRM
FLOOD INSURANCE RATE MAP
CARBON COUNTY,
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PANEL 703 OF 1500
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

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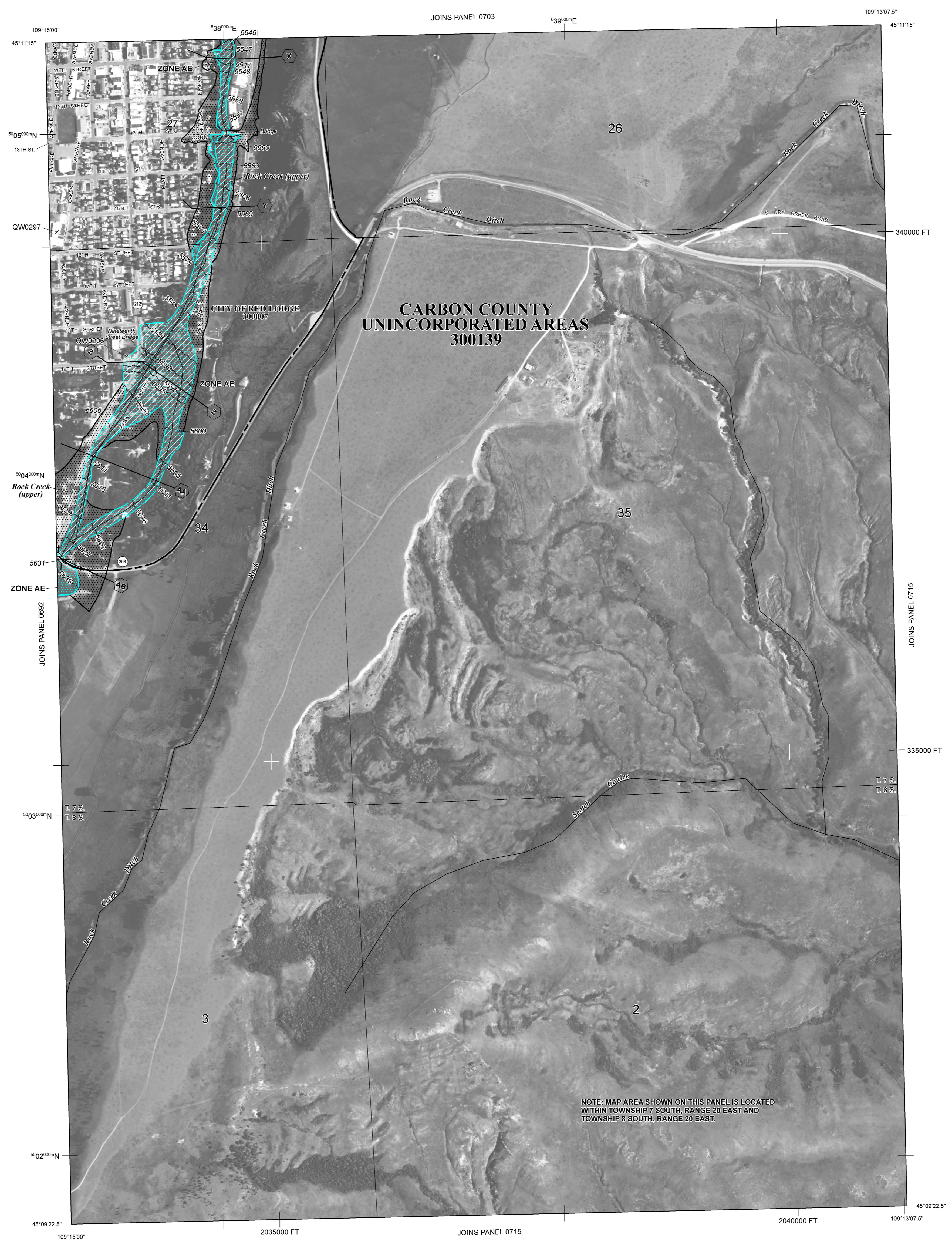
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- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- ZONE AR** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- ZONE A99** Areas to be protected from 1% annual chance flood event by a Federal flood protection system under construction; no Base Flood Elevations determined.
- ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

- ZONE X** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

- ZONE X** Areas determined to be outside the 0.2% annual chance floodplain.
- ZONE D** Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities
- Base Flood Elevation line and value; elevation in feet* (EL 987)
- Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988

MAP REPOSITORIES
Refer to Map Repositories List on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
December 4, 2012

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0711D

FIRM
FLOOD INSURANCE RATE MAP
CARBON COUNTY,
MONTANA
AND INCORPORATED AREAS

PANEL 711 OF 1500
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
CARBON COUNTY	300139	0711	D
RED LODGE, CITY OF	300007	0711	D

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER
30009C0711D

EFFECTIVE DATE
DECEMBER 4, 2012

Federal Emergency Management Agency

