2011 Spring Flooding

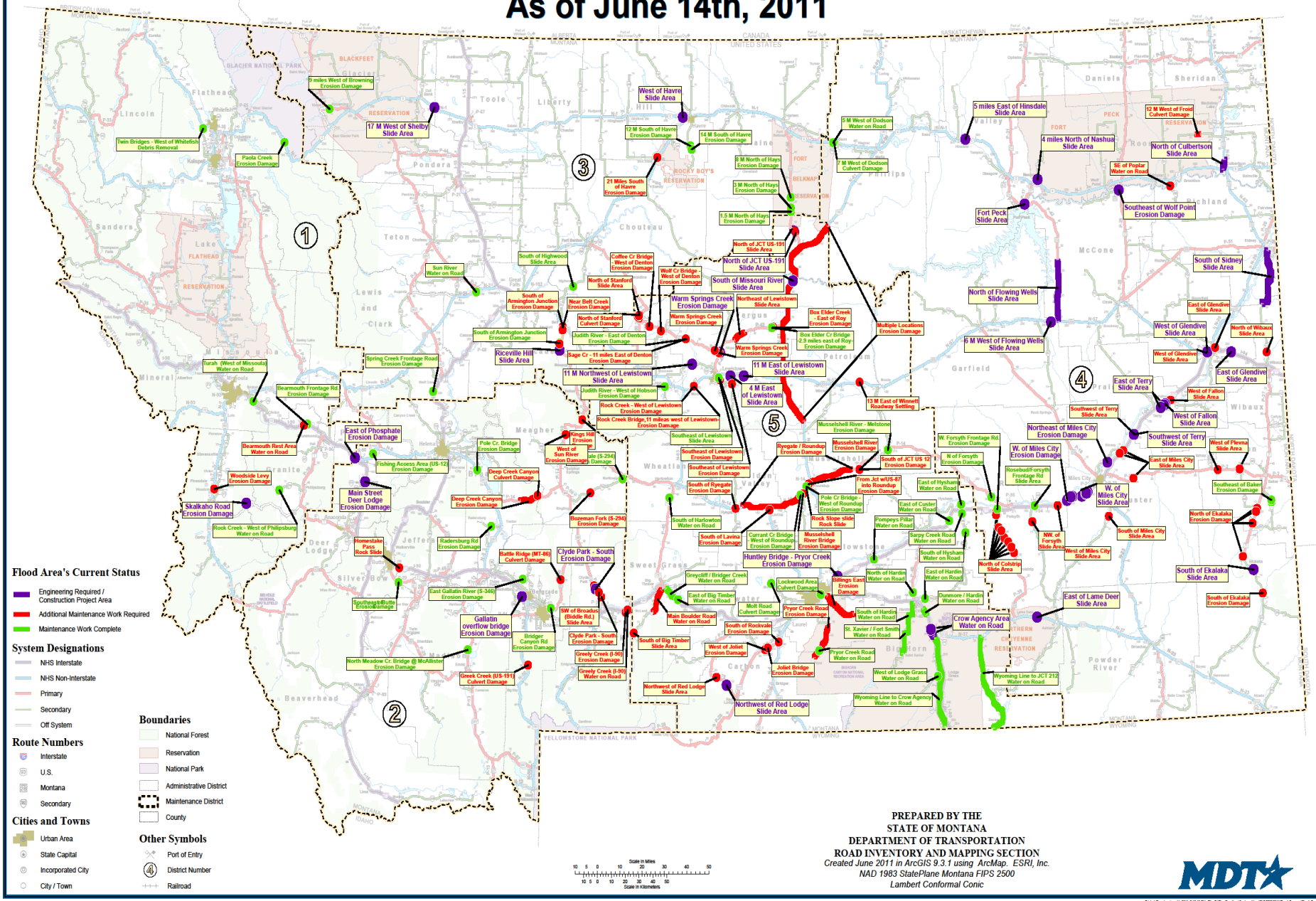
Director Jim Lynch

Montana Department of Transportation

June 15th 2011

MONTANA MDT DEPARTMENT OF TRANSPORTATION

MDT Emergency Repair Project Areas - 2011 Spring Floods
As of June 14th, 2011



Flood Area's Current Status
- Engineering Required / Construction Project Area
- Additional Maintenance Work Required
- Maintenance Work Complete

System Designations
- NHS Interstate
- NHS Non-Interstate
- Primary
- Secondary
- Off System

Route Numbers
- Interstate
- U.S.
- Montana
- Secondary

Cities and Towns
- Urban Area
- State Capital
- Incorporated City
- City / Town

Boundaries
- National Forest
- Reservation
- National Park
- Administrative District
- Maintenance District
- County

Other Symbols
- Port of Entry
- District Number
- Railroad

Scale in Miles: 10 5 0 10 20 30 40 50
Scale in Kilometers: 10 5 0 10 20 30 40 50

PREPARED BY THE
STATE OF MONTANA
DEPARTMENT OF TRANSPORTATION
ROAD INVENTORY AND MAPPING SECTION
Created June 2011 in ArcGIS 9.3.1 using ArcMap. ESRI, Inc.
NAD 1983 StatePlane Montana FIPS 2500
Lambert Conformal Conic

MDT

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South of Bozeman
Gallatin Canyon

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Secondary 424, Stillwater River Bridge North of Kalispell

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Woodside Levy Repair
South of Missoula

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MT- 38, Skalkaho Road
East of Hamilton

Seasonal road connecting Hamilton and Philipsburg, typically opened by mid-spring

Blasting required to re-align road

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Secondary 348, Rock Creek West of Philipsburg

Placement of barrier rail and plastic to direct Rock Creek

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Main Street – Deer Lodge
Cottonwood Creek

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US-12, Deep Creek Canyon North of Townsend

Heavy runoff forces emergency culvert replacement

Schellinger Construction hired on exigency, cost estimate $23,000

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US-89, Shields River North of Livingston

Bank repair to limit road washout

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US-2, West of Wolf Point

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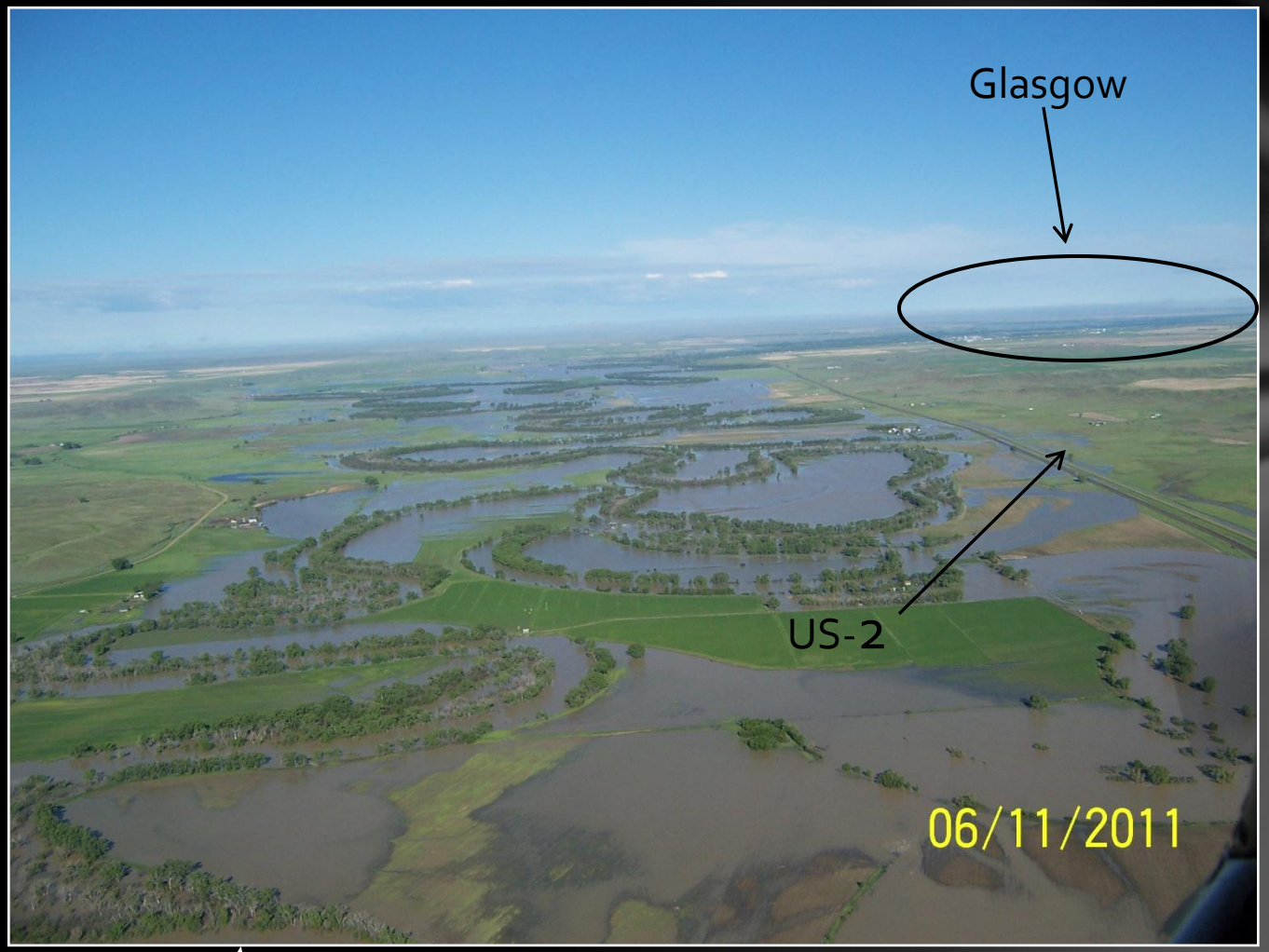
Milk River



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Secondary 306
North of Columbus

Many areas are inundated with debris that continue to plug drainage features

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I-90 Frontage Road, Crow Agency

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I-90 West of Big Timber

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Huntley- Pryor Creek Bridge

- Severe scour under back wall
- Current weight and speed restriction
- Expended $35,000 to date
- Future reconstruction required, estimated cost $2,000,000

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US-191,
North of Lewistown

Bridge washout forces road closure

Paving emergency detour $125,000

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Secondary 426
North of Lewistown

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Hwy 200/87 East of Lewistown

Soil Nail project for bank stabilization is planned to start June 13th at an estimated cost of $200,000

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Montana 200
10 miles East of Lewistown

Estimated repair cost $200,000

Wickens Construction worked around the clock to get the road open

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Roundup, MT

Extensive flooding requires long term road closures. Infrastructure damage assessment will require the water to recede.

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Roundup, MT

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Roundup, MT

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Rockvale Bridge Repair - Joliet, MT

Rip-rap bank to prevent back wall washout

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Joliet, MT - Extensive Flooding

Stream bank armoring

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