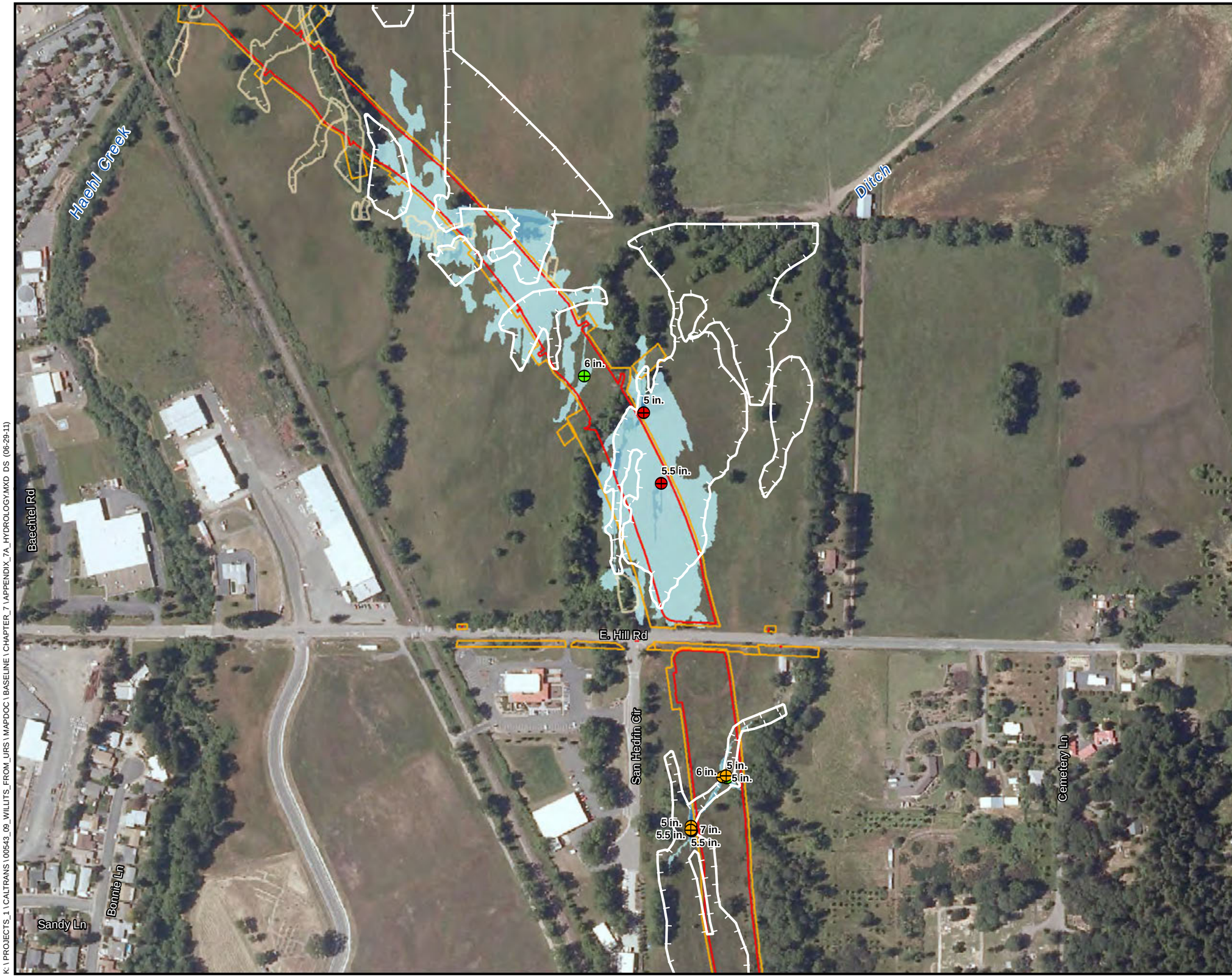


Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

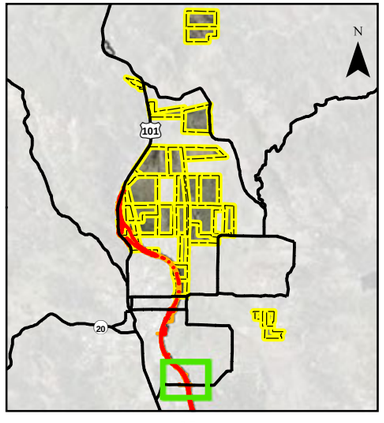
January 2011

February 2011

March 2011

April 2011

May 2011



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Sheet G-1

Wetland Inundation Extent and Duration of Ponding for Onsite Mitigation Areas

Alignment Impact Area 3

Willits Bypass Project

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Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

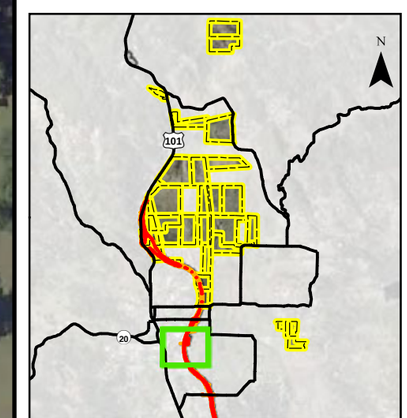
January 2011

February 2011

March 2011

April 2011

May 2011



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Sheet G-2

Wetland Inundation Extent and Duration of Ponding for Onsite Mitigation Areas

Alignment Impact Area 2

Willits Bypass Project

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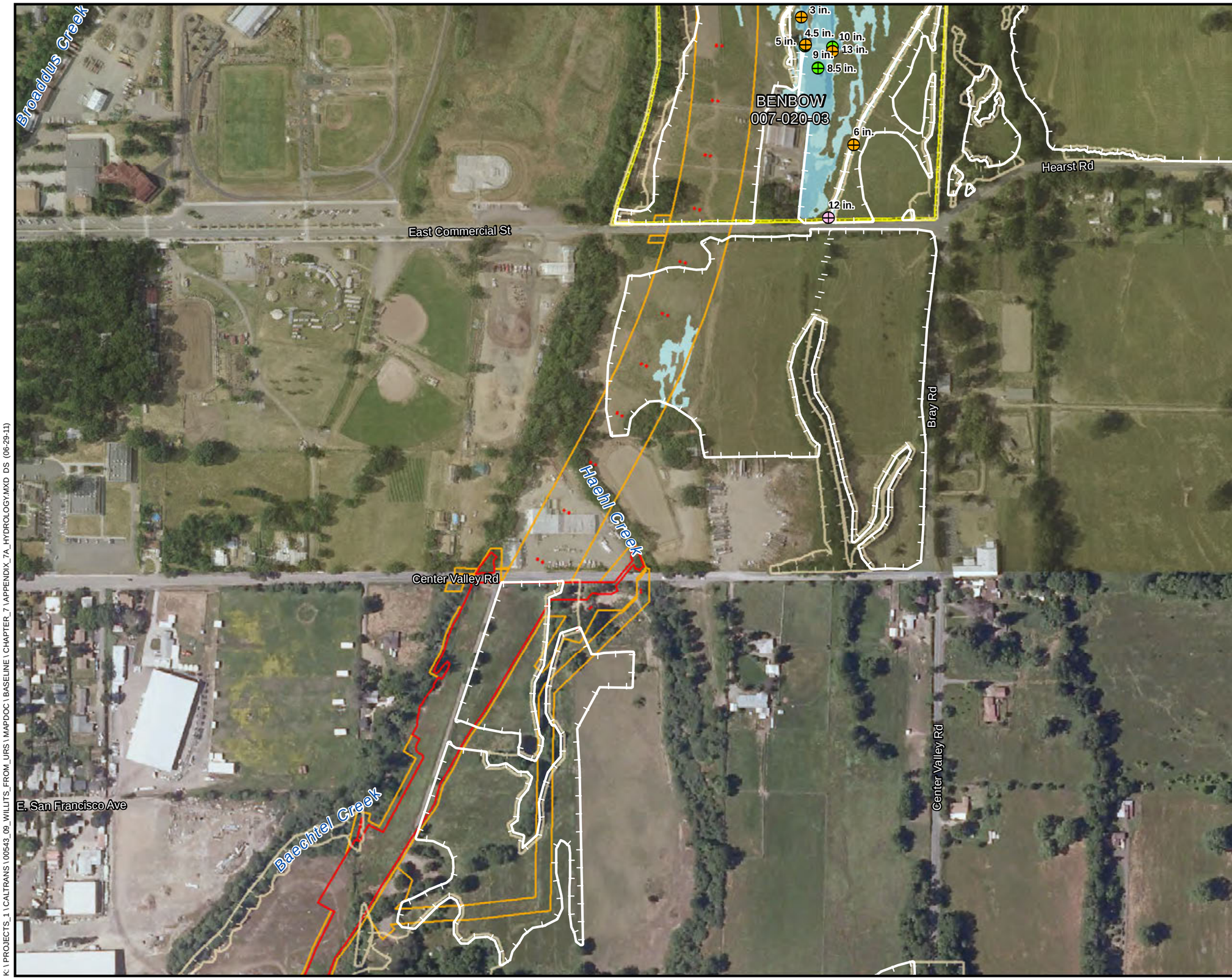


Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

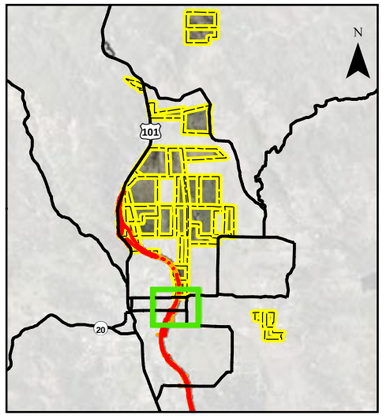
January 2011

February 2011

March 2011

April 2011

May 2011



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Sheet G-3

Wetland Inundation Extent and Duration of Ponding for Onsite Mitigation Areas

Alignment Impact Area 1

Willits Bypass Project

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Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

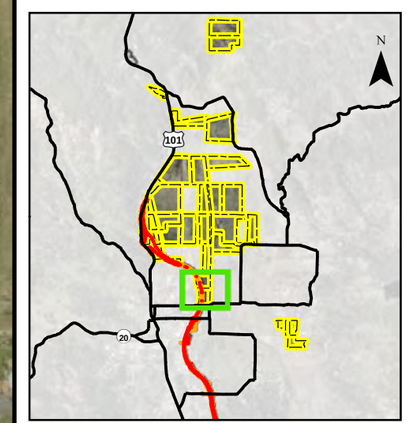
January 2011

February 2011

March 2011

April 2011

May 2011



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Sheet G-4

Wetland Inundation Extent and Duration of Ponding for Onsite Mitigation Areas

Benbow - 007-010-04

Willits Bypass Project

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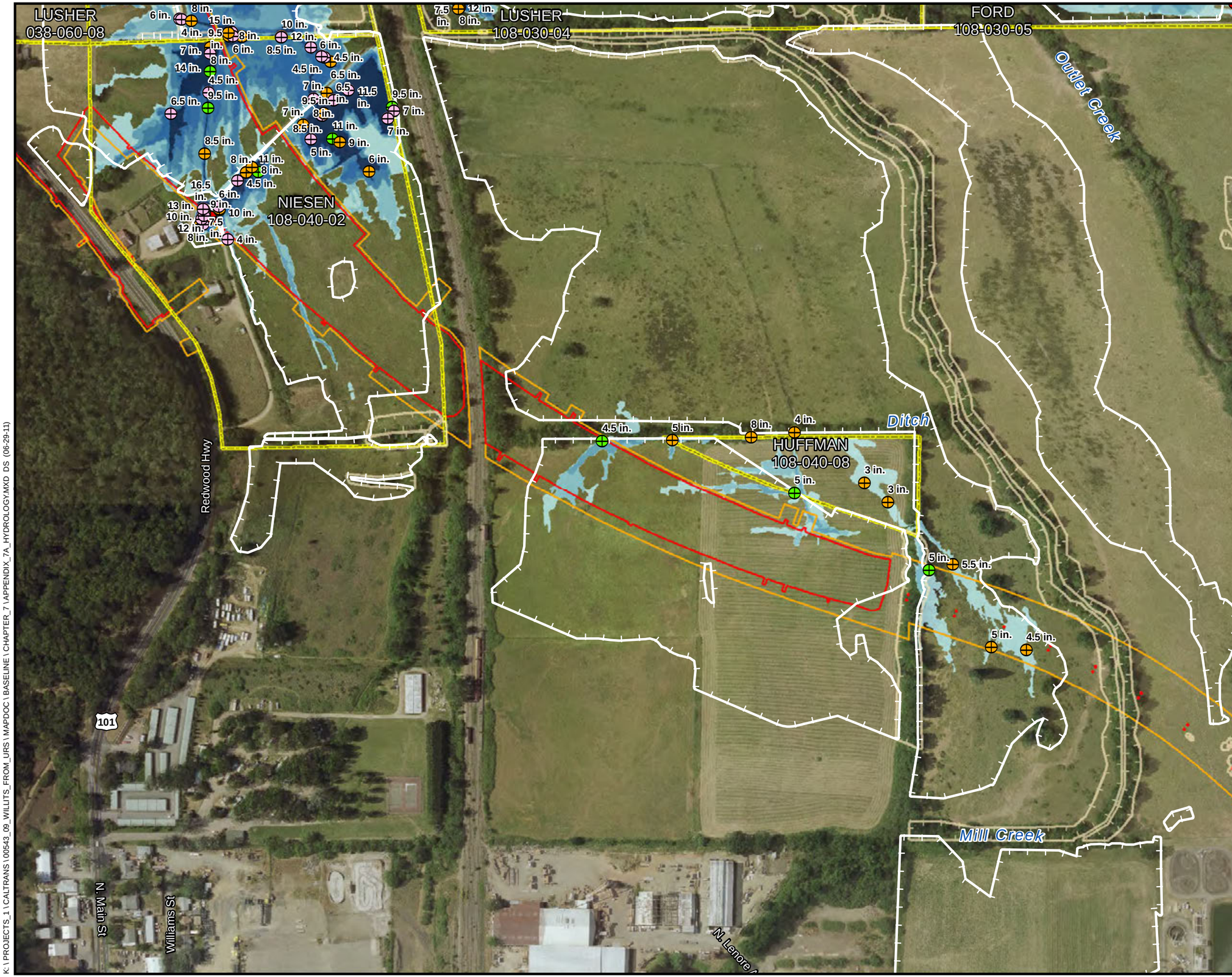


Offsite Mitigation Parcel

Project Bypass Footprint

- Permanent Impact Area
- Temporary Impact Area

Wetlands

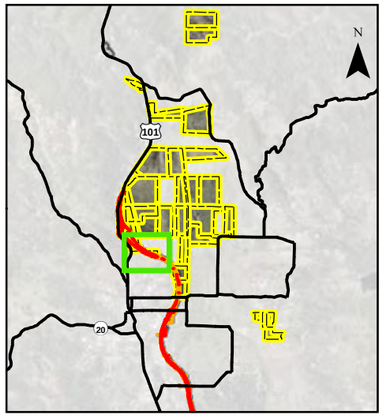
- Jurisdictional Wet Meadow
- Other Wetland Types

Inundation Duration

- 1 Month
- 2 Months
- 3 Months
- 4 Months
- 5 Months
- 6 Months

Depth Points

- December 2010
- January 2011
- February 2011
- March 2011
- April 2011
- May 2011



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Sheet G-5

Wetland Inundation Extent and Duration of Ponding for Onsite Mitigation Areas

Niesen - 108-040-02 & Alignment Impacts

Willits Bypass Project

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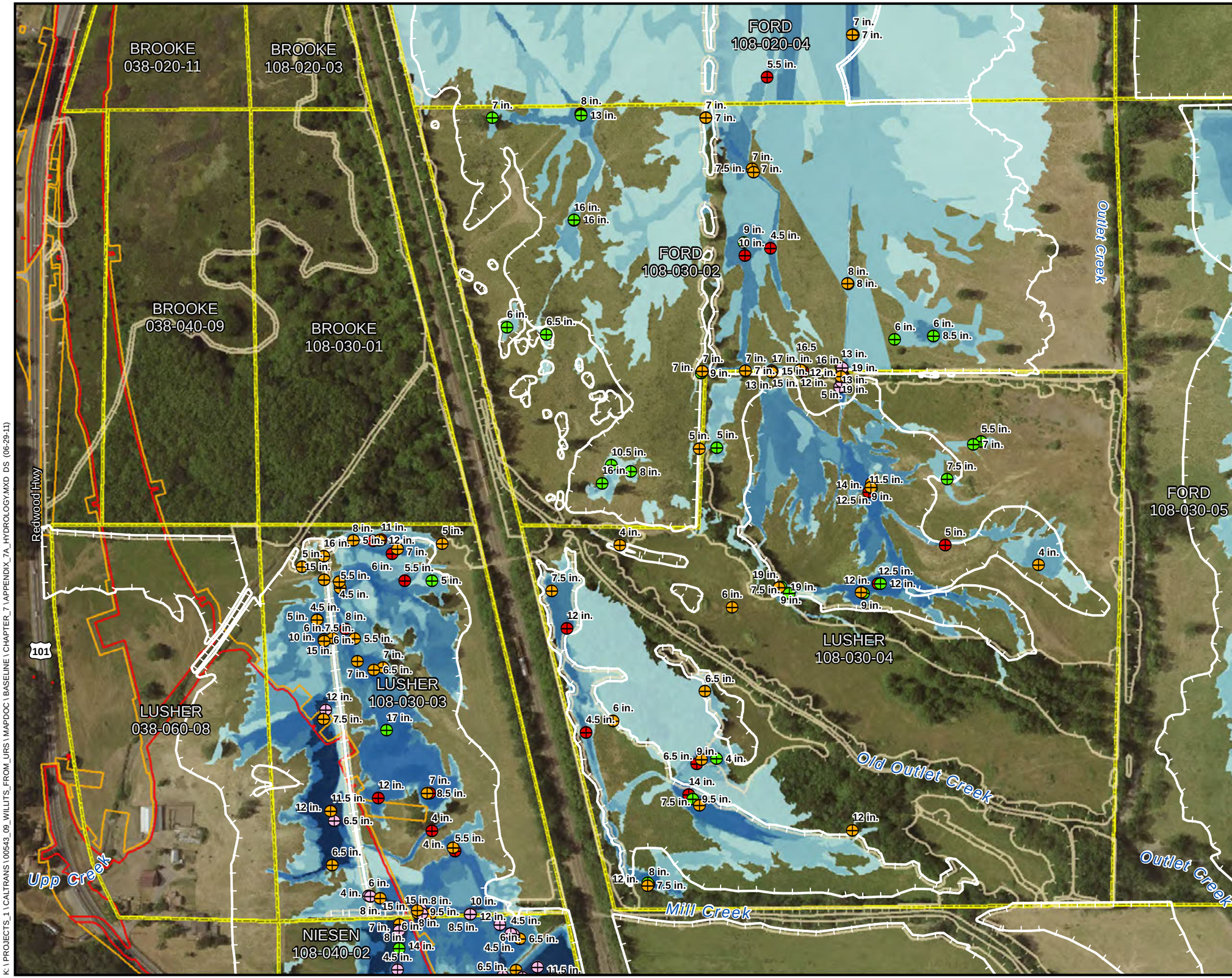


Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

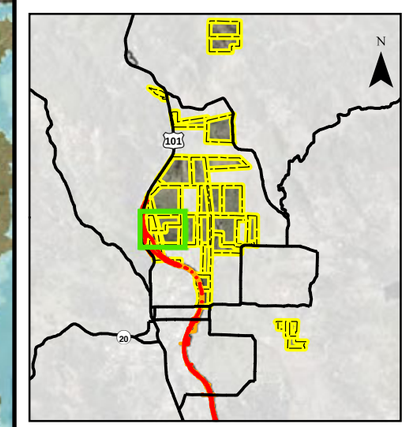
January 2011

February 2011

March 2011

April 2011

May 2011



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Sheet G-6

Wetland Inundation Extent and Duration of Ponding for Onsite Mitigation Areas

Brooke - 038-020-09 & 108-030-01; Ford - 108-030-02; Lusher - 038-060-08, 108-030-03, & 108-030-04

Willits Bypass Project

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Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

January 2011

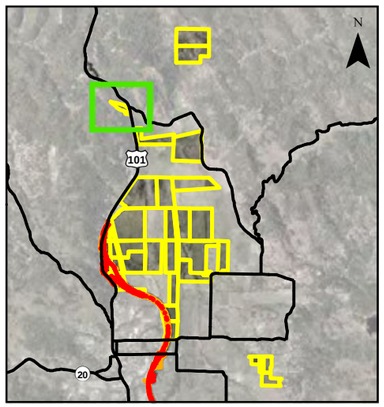
February 2011

March 2011

April 2011

May 2011

Depth is shown in inches.



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Sheet H-1

Wetland Inundation Extent and Duration of Ponding

Huff

Huff - 037-240-RW

Willits Bypass Project

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

January 2011

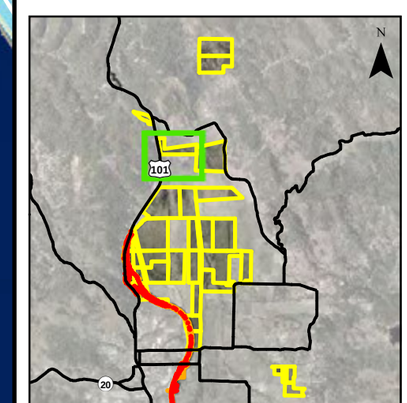
February 2011

March 2011

April 2011

May 2011

Depth is shown in inches.



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Sheet H-2

Wetland Inundation Extent and Duration of Ponding

Watson

Watson - 037-250-05

Willits Bypass Project

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

January 2011

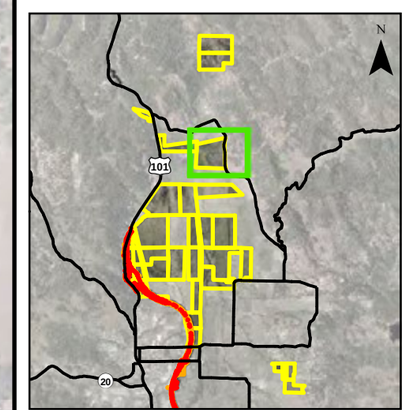
February 2011

March 2011

April 2011

May 2011

Depth is shown in inches.



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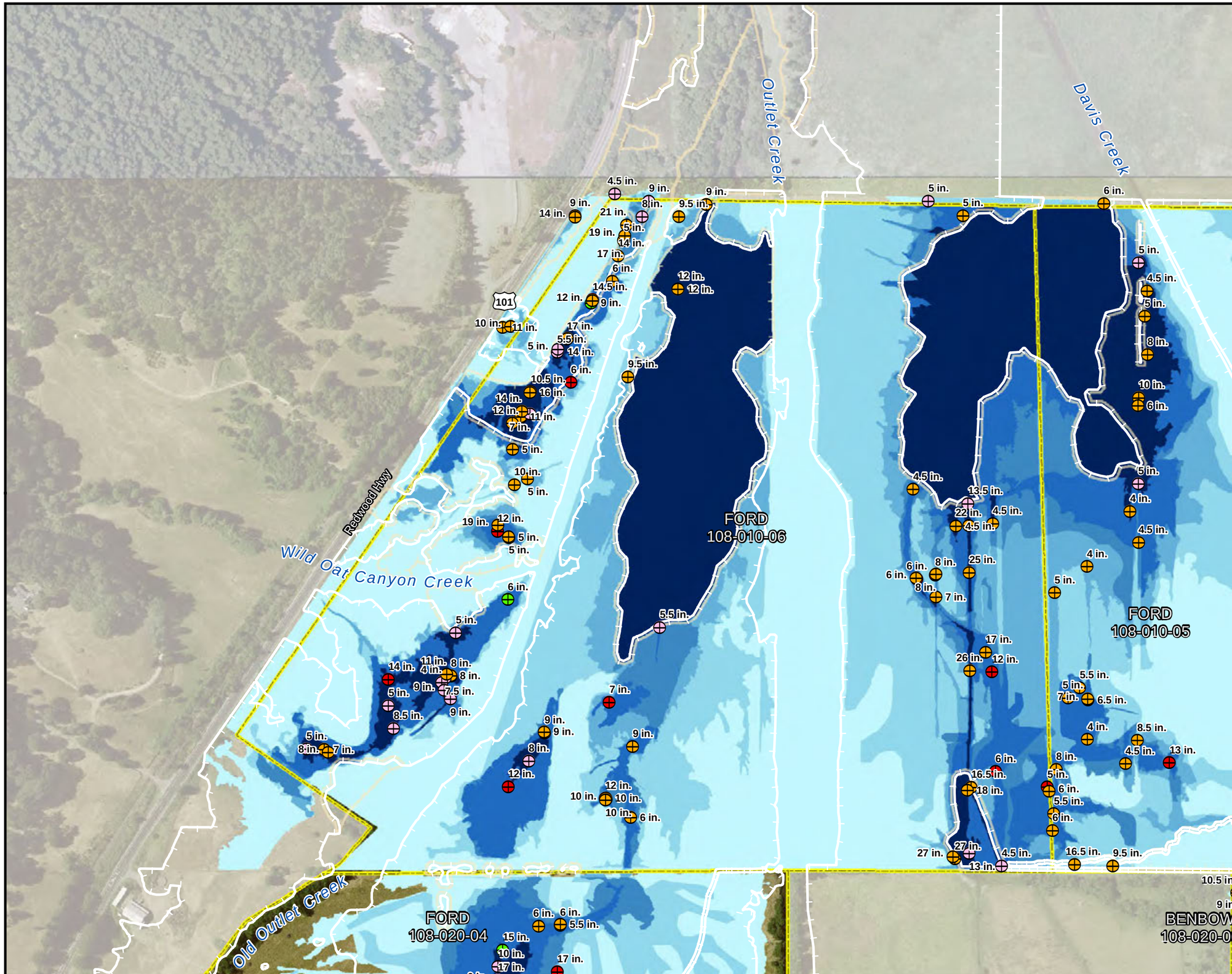
Sheet H-3
Wetland Inundation Extent and Duration of Ponding
Watson
Watson - 037-221-30

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

January 2011

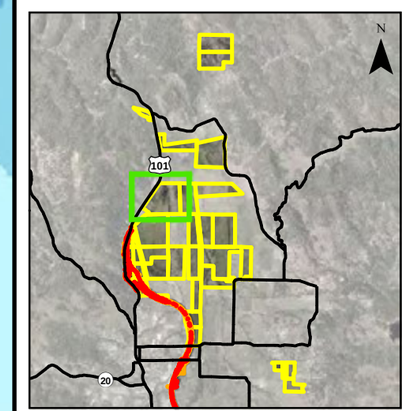
February 2011

March 2011

April 2011

May 2011

Depth is shown in inches.



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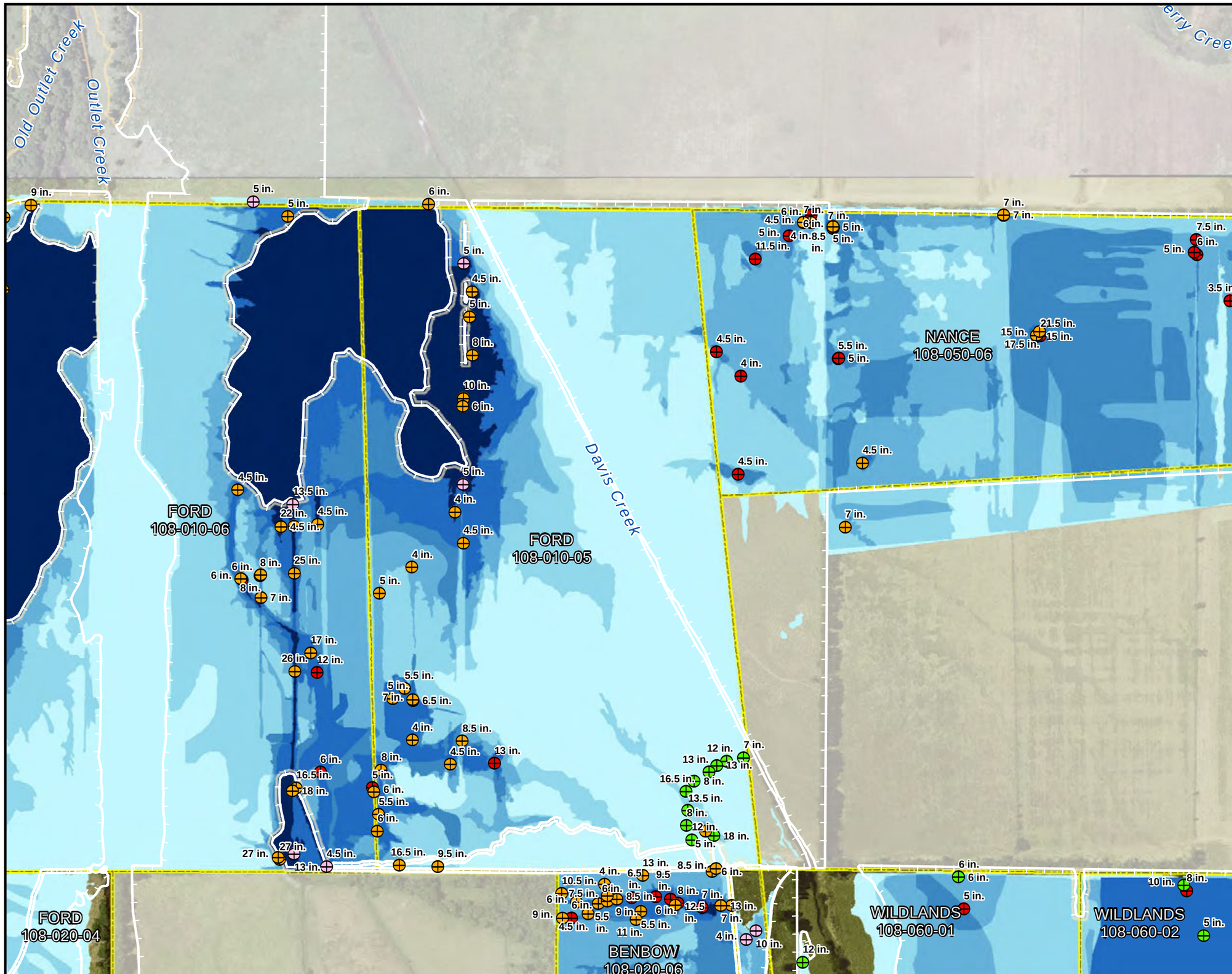
Sheet H-4
Wetland Inundation Extent and Duration of Ponding
Ford
Ford - 108-010-06

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

January 2011

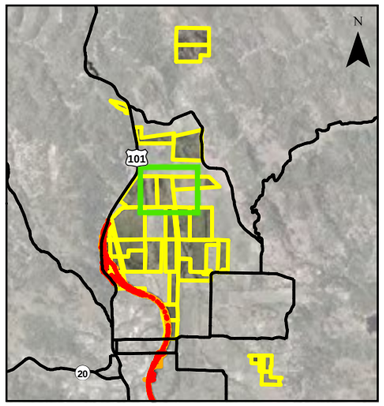
February 2011

March 2011

April 2011

May 2011

Depth is shown in inches.



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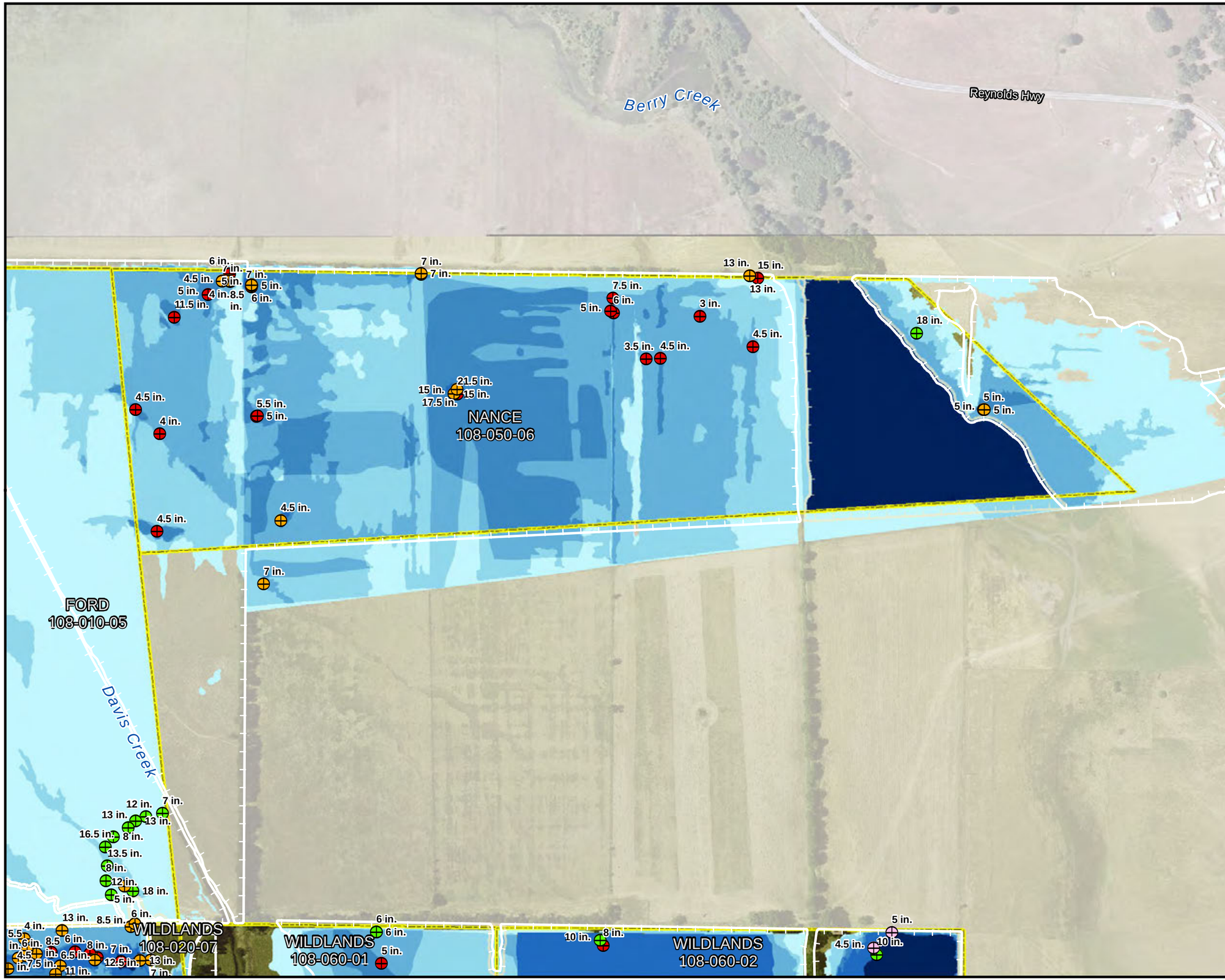
0 200 400 Feet

Sheet H-5
Wetland Inundation Extent and Duration of Ponding
Ford
Ford - 108-010-05

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

January 2011

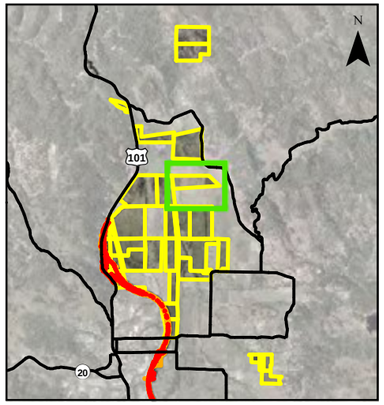
February 2011

March 2011

April 2011

May 2011

Depth is shown in inches.



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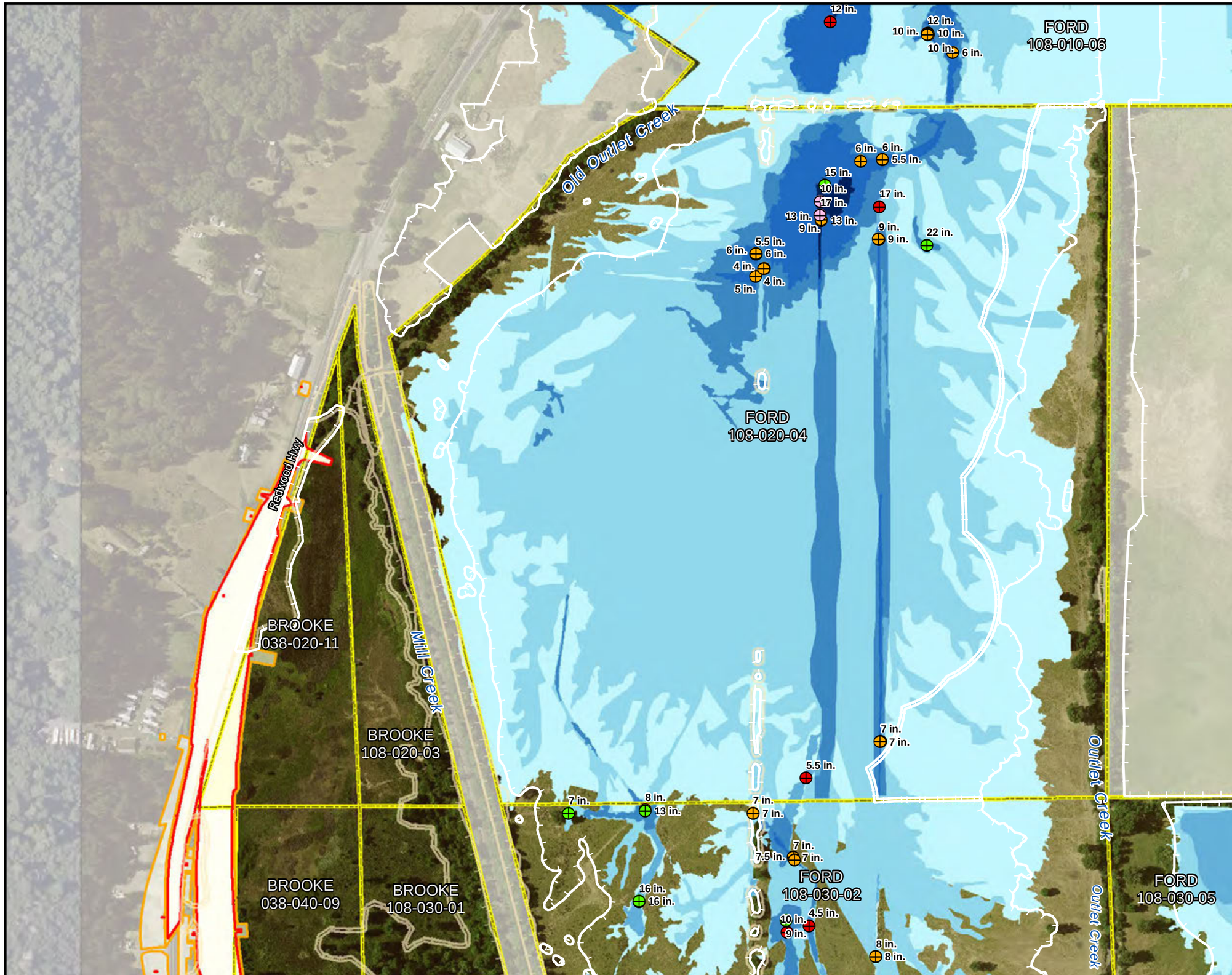
Sheet H-6

Wetland Inundation Extent and Duration of Ponding

Nance

Nance - 108-050-06

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

January 2011

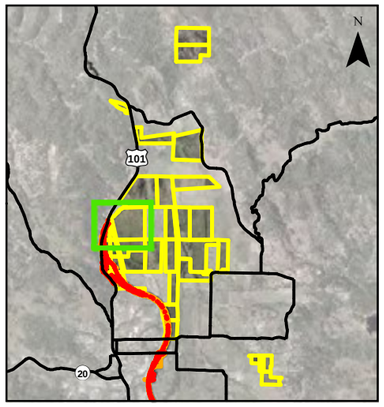
February 2011

March 2011

April 2011

May 2011

Depth is shown in inches.



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0 200 400 Feet

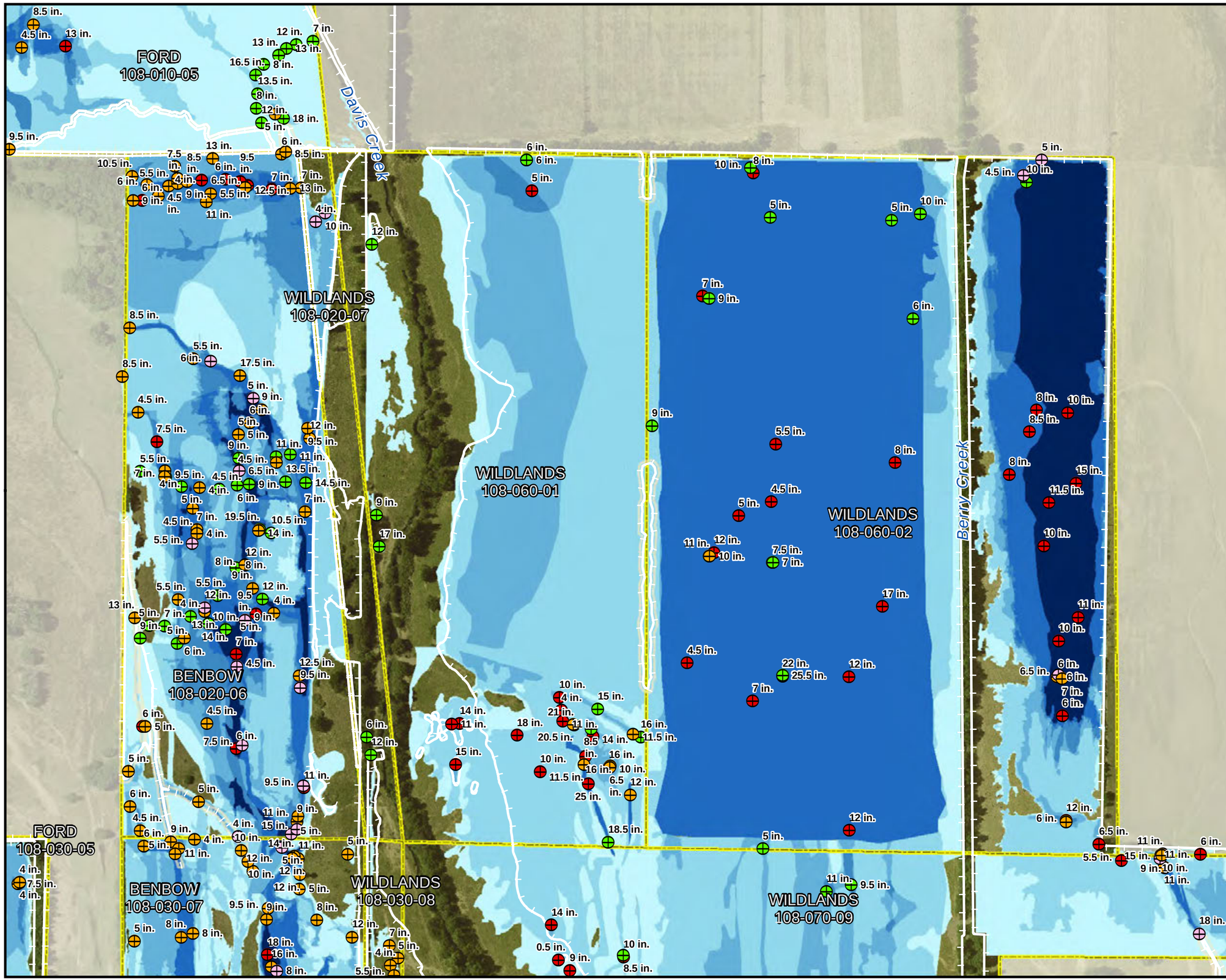
Sheet H-7

Wetland Inundation Extent and Duration of Ponding

Brooke

Brooke - 038-020-11 & 108-020-03; Ford - 108-020-04

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

January 2011

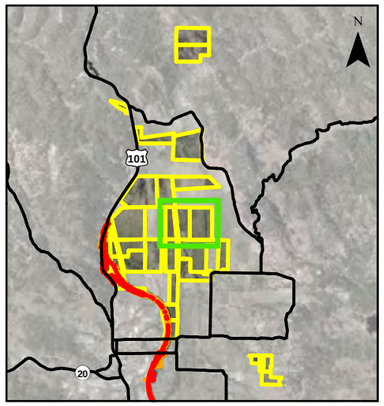
February 2011

March 2011

April 2011

May 2011

Depth is shown in inches.



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0 200 400 Feet

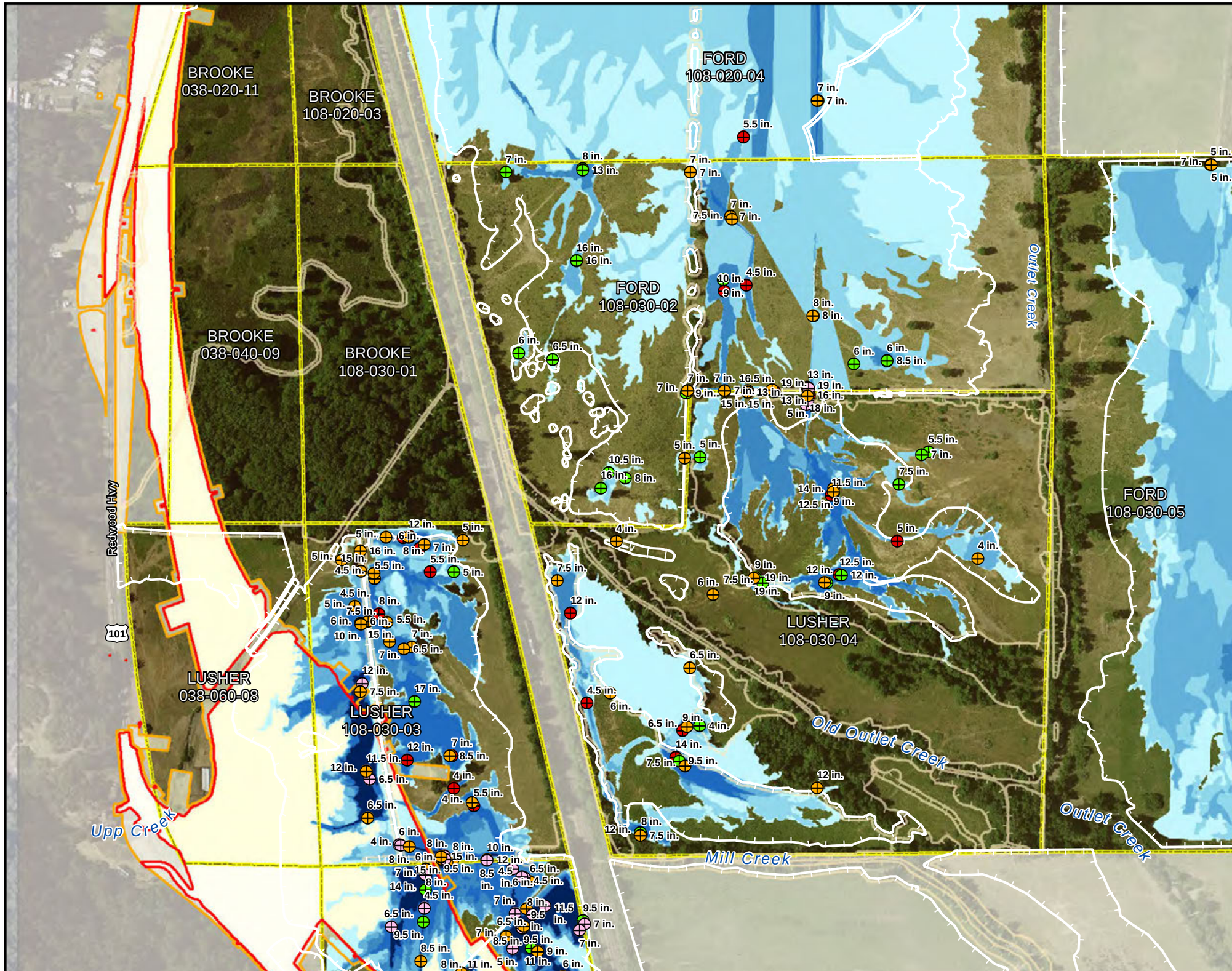
Sheet H-8

Wetland Inundation Extent and Duration of Ponding

Benbow

Benbow - 108-020-061; Wildlands 108-020-07, 108-060-01, & 108-060-02

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

January 2011

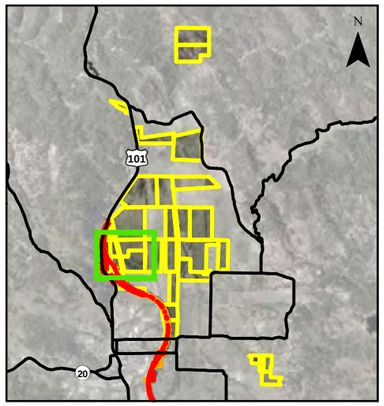
February 2011

March 2011

April 2011

May 2011

Depth is shown in inches.



N

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0 200 400 Feet

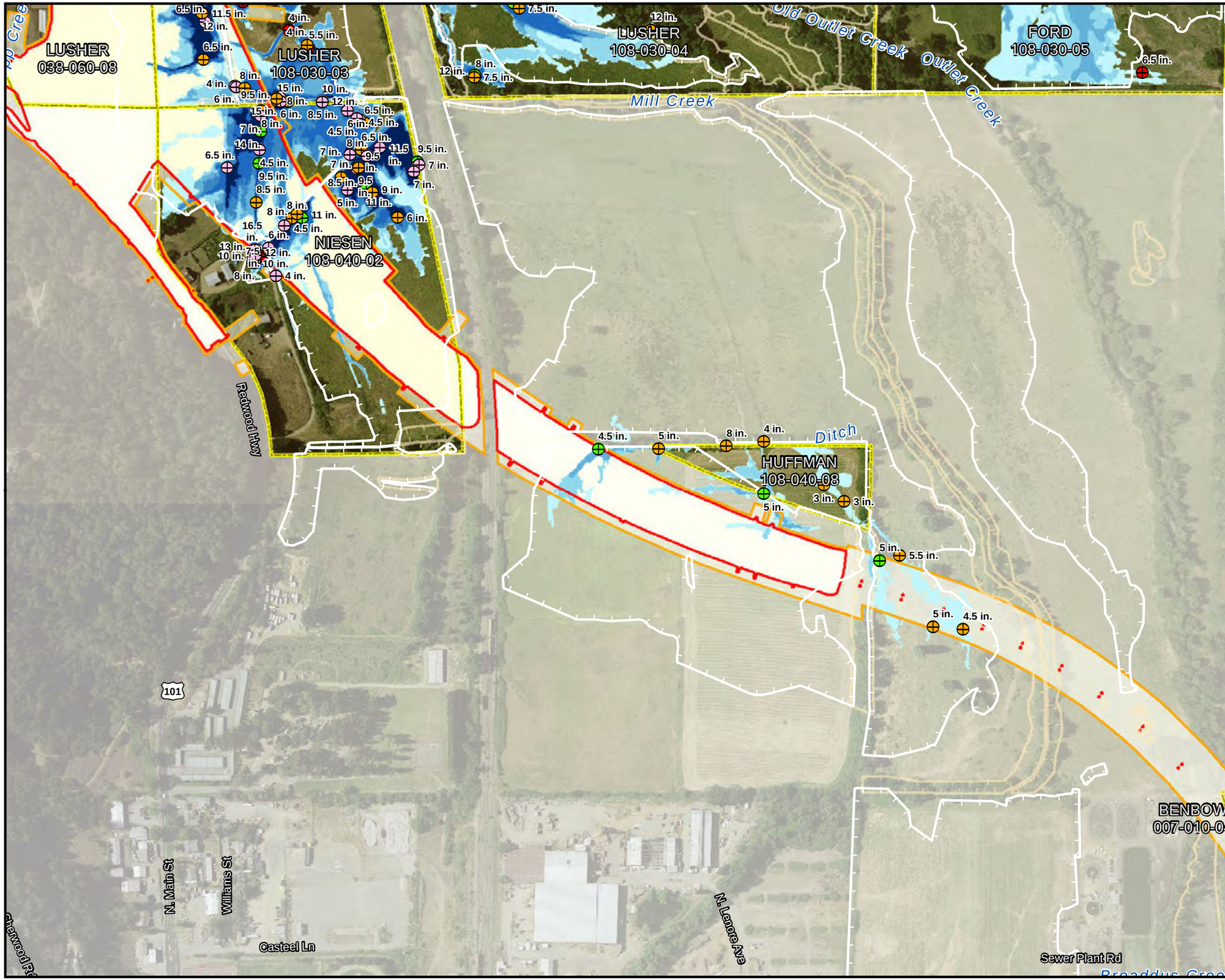
Sheet H-9

Wetland Inundation Extent and Duration of Ponding

Brooke

Brooke - 038-020-09 & 108-030-01; Ford - 108-030-02; Lusher - 038-060-08, 108-030-03, & 108-030-04

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

January 2011

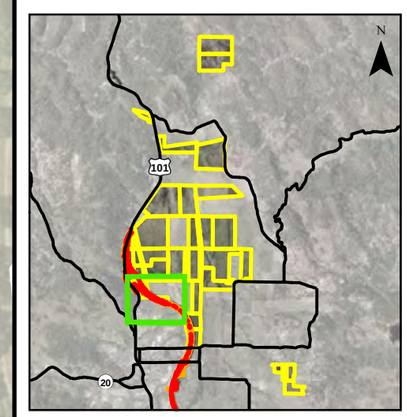
February 2011

March 2011

April 2011

May 2011

Depth is shown in inches.



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0 200 400 Feet

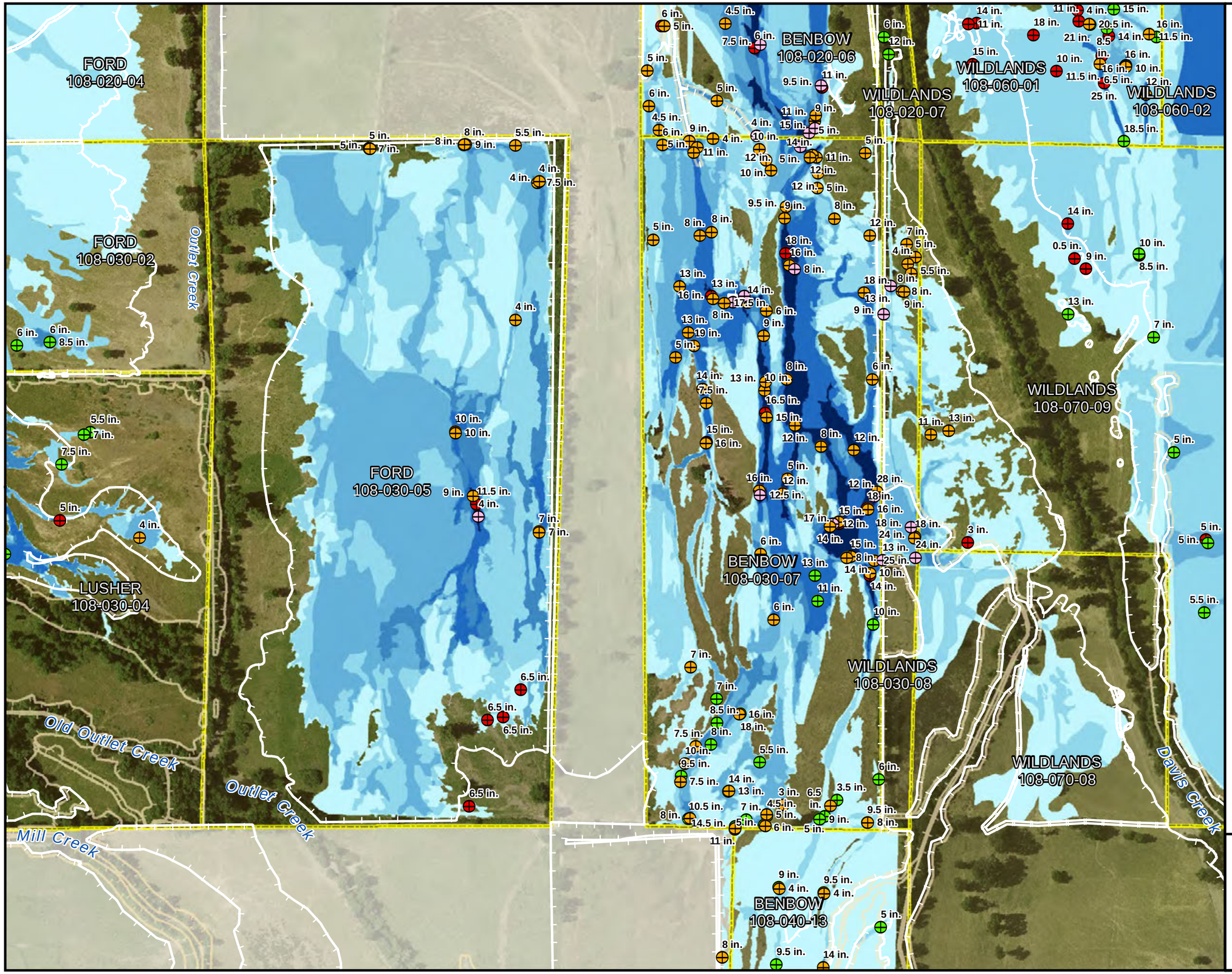
Sheet H-10

Wetland Inundation Extent and Duration of Ponding

Niesen

Niesen - 108-040-02 & Alignment Impacts

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

January 2011

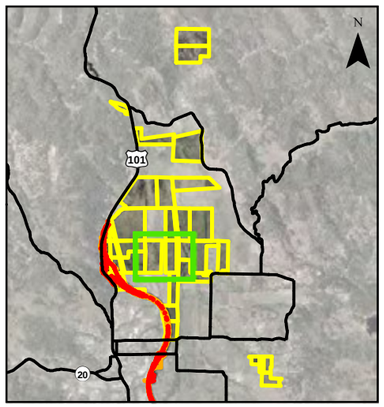
February 2011

March 2011

April 2011

May 2011

Depth is shown in inches.



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0 200 400 Feet

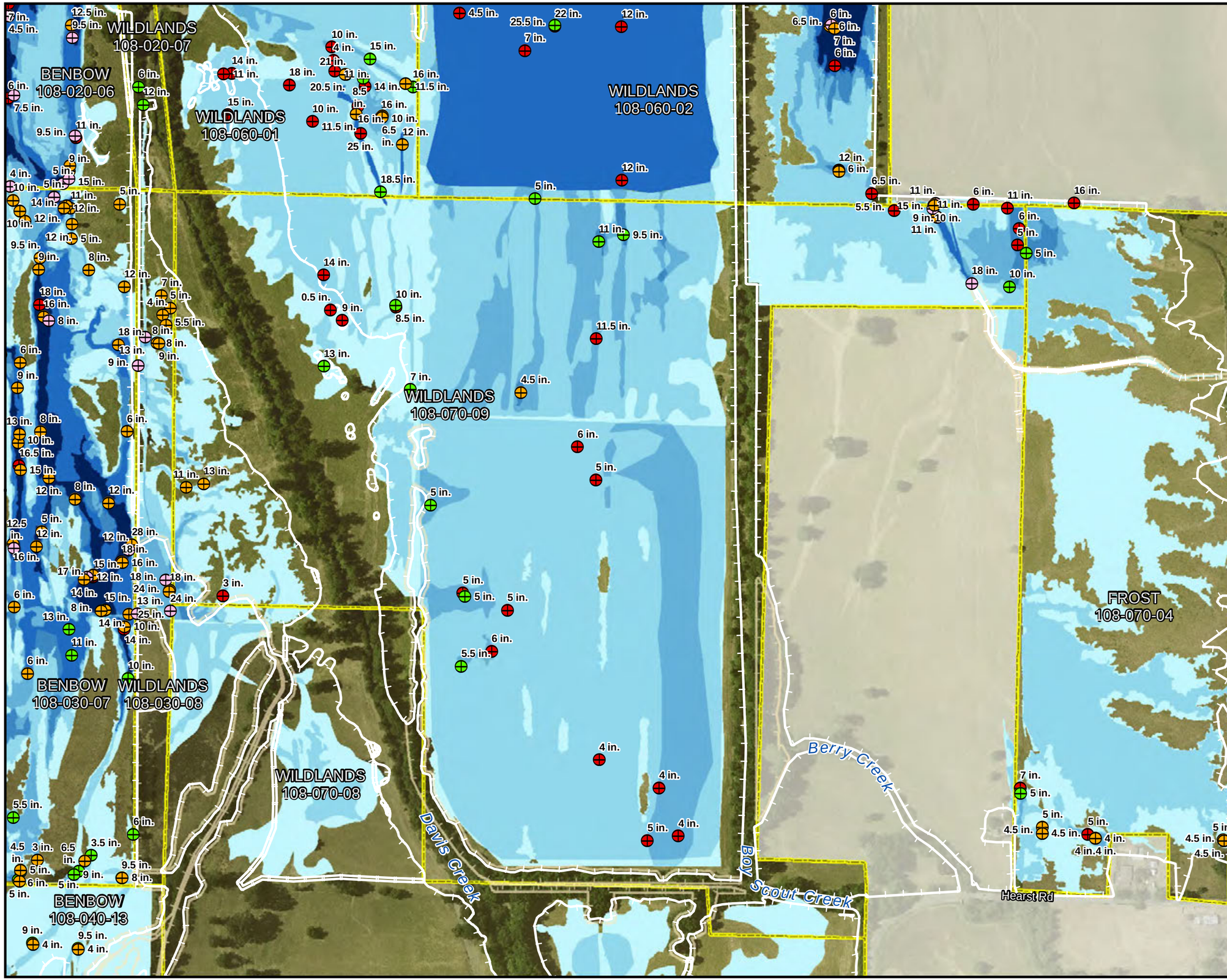
Sheet H-11

Wetland Inundation Extent and Duration of Ponding

Ford

Ford - 108-030-05;
Benbow - 108-030-07;
Wildlands 108-030-08

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

January 2011

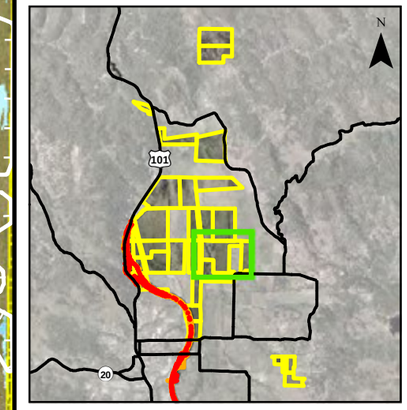
February 2011

March 2011

April 2011

May 2011

Depth is shown in inches.



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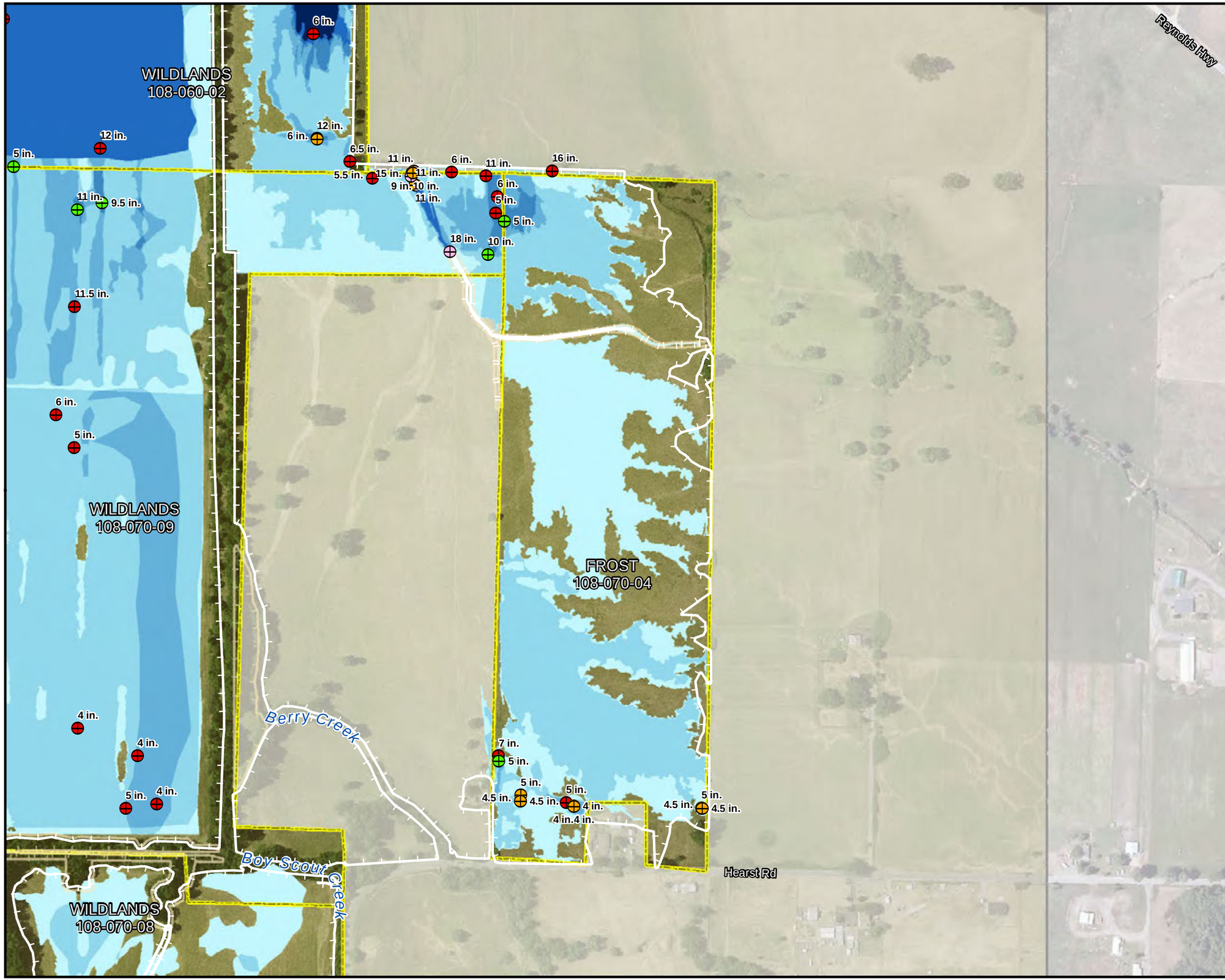
Sheet H-12
Wetland Inundation Extent and Duration of Ponding
Wildlands
Wildlands - 108-070-09

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

January 2011

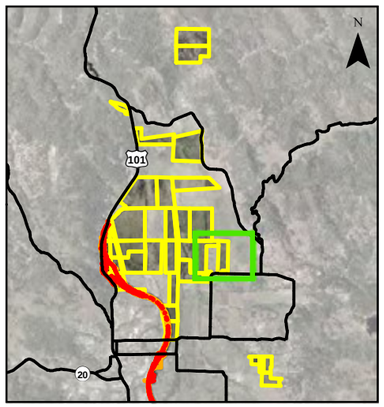
February 2011

March 2011

April 2011

May 2011

Depth is shown in inches.



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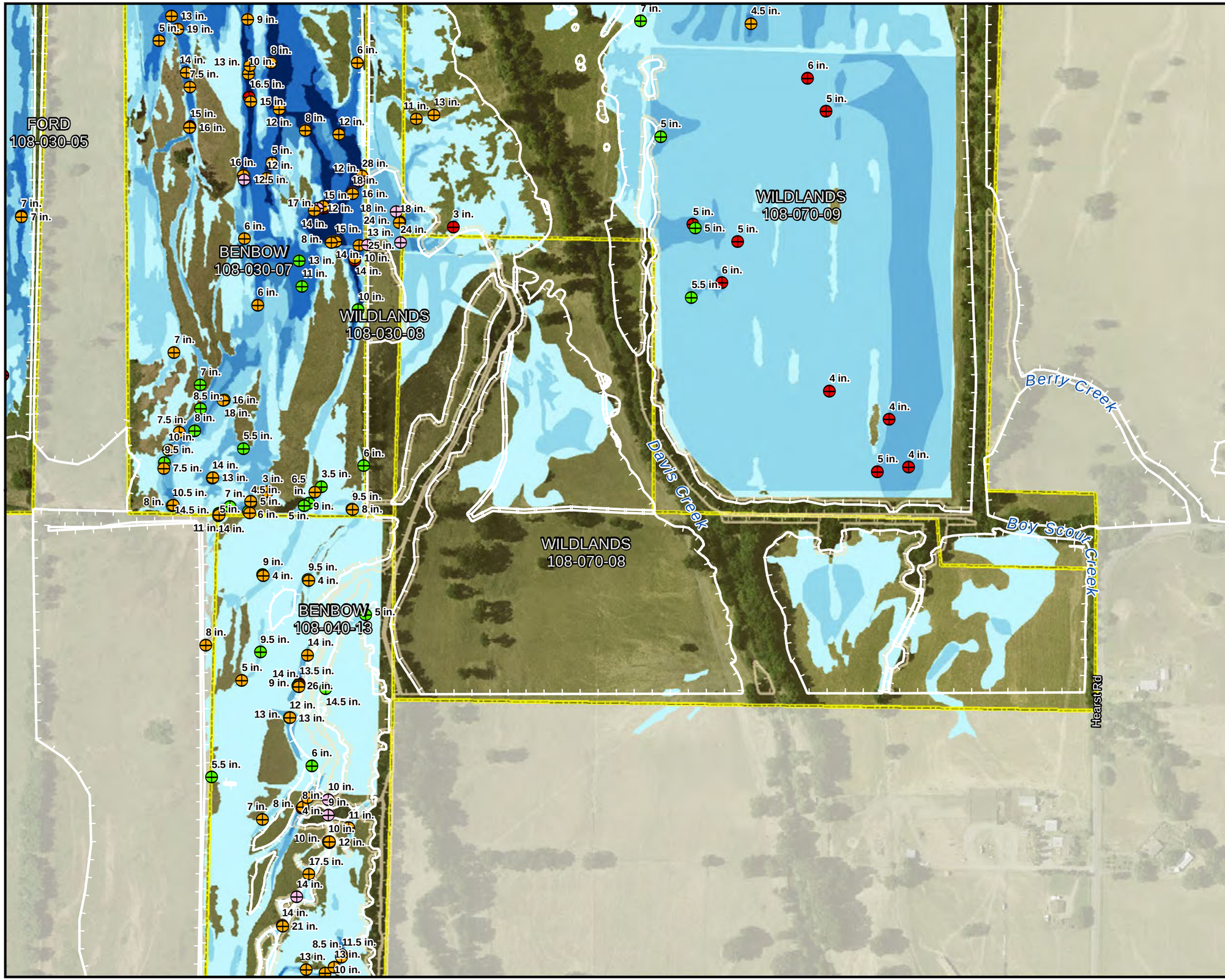
Sheet H-13
Wetland Inundation Extent and Duration of Ponding
Frost
Frost - 108-070-04

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

January 2011

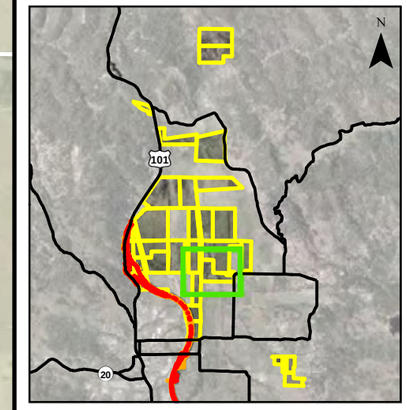
February 2011

March 2011

April 2011

May 2011

Depth is shown in inches.



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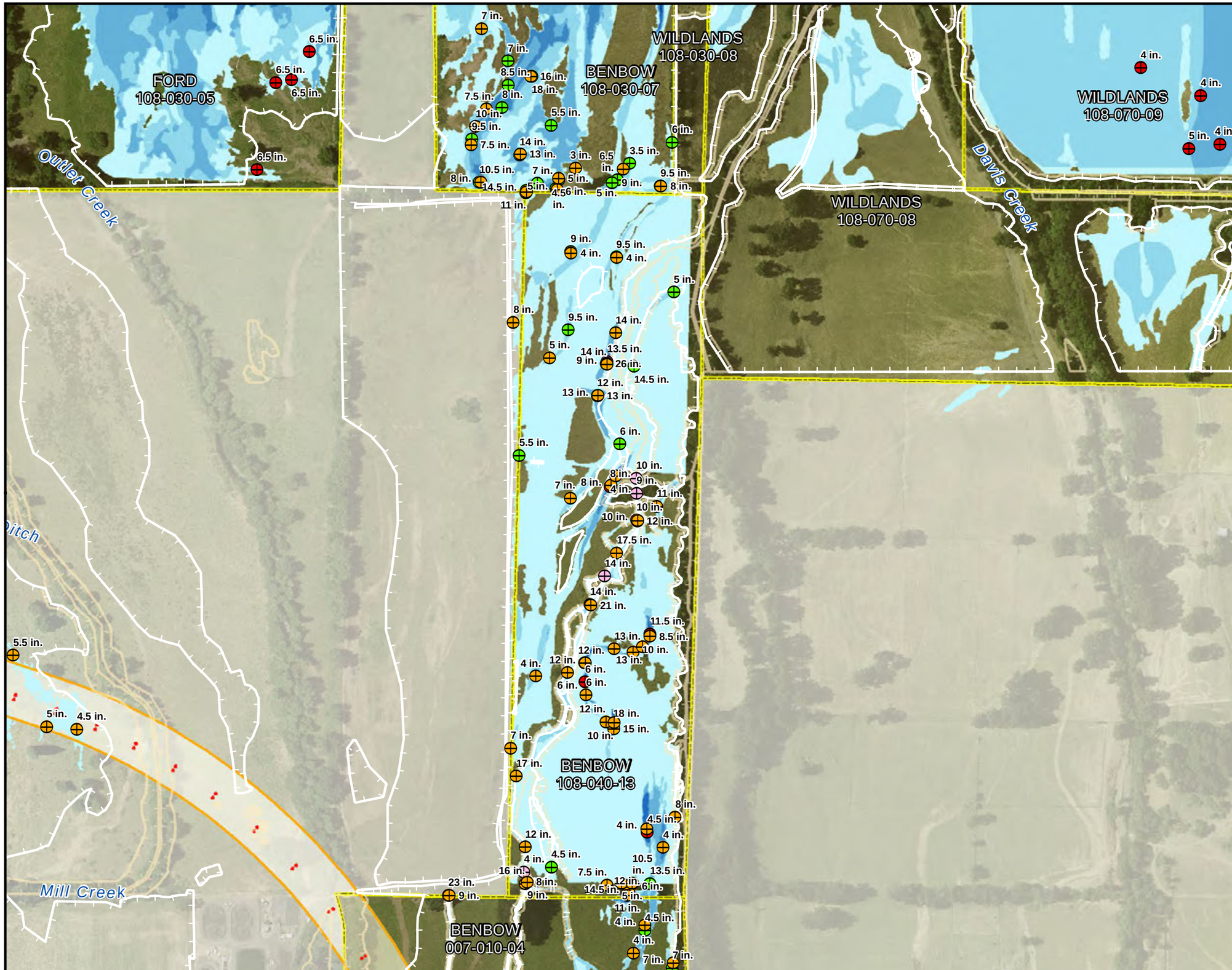
Sheet H-14
Wetland Inundation Extent and Duration of Ponding
Wildlands
Wildlands - 108-070-08

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

January 2011

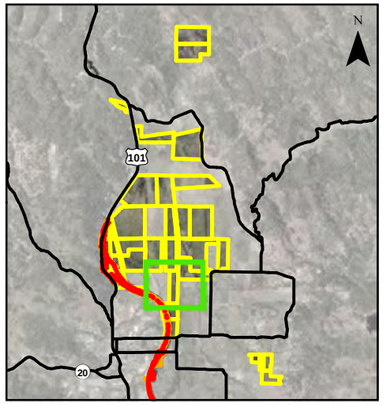
February 2011

March 2011

April 2011

May 2011

Depth is shown in inches.



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Sheet H-15

Wetland Inundation Extent and Duration of Ponding

Benbow

Benbow - 108-040-13

Willits Bypass Project

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

January 2011

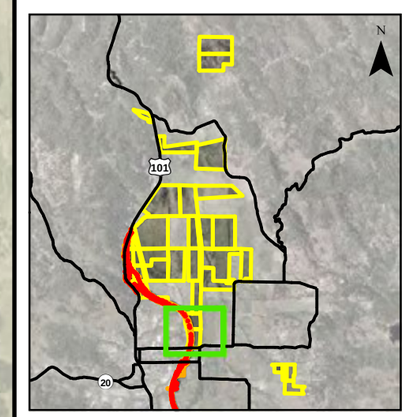
February 2011

March 2011

April 2011

May 2011

Depth is shown in inches.



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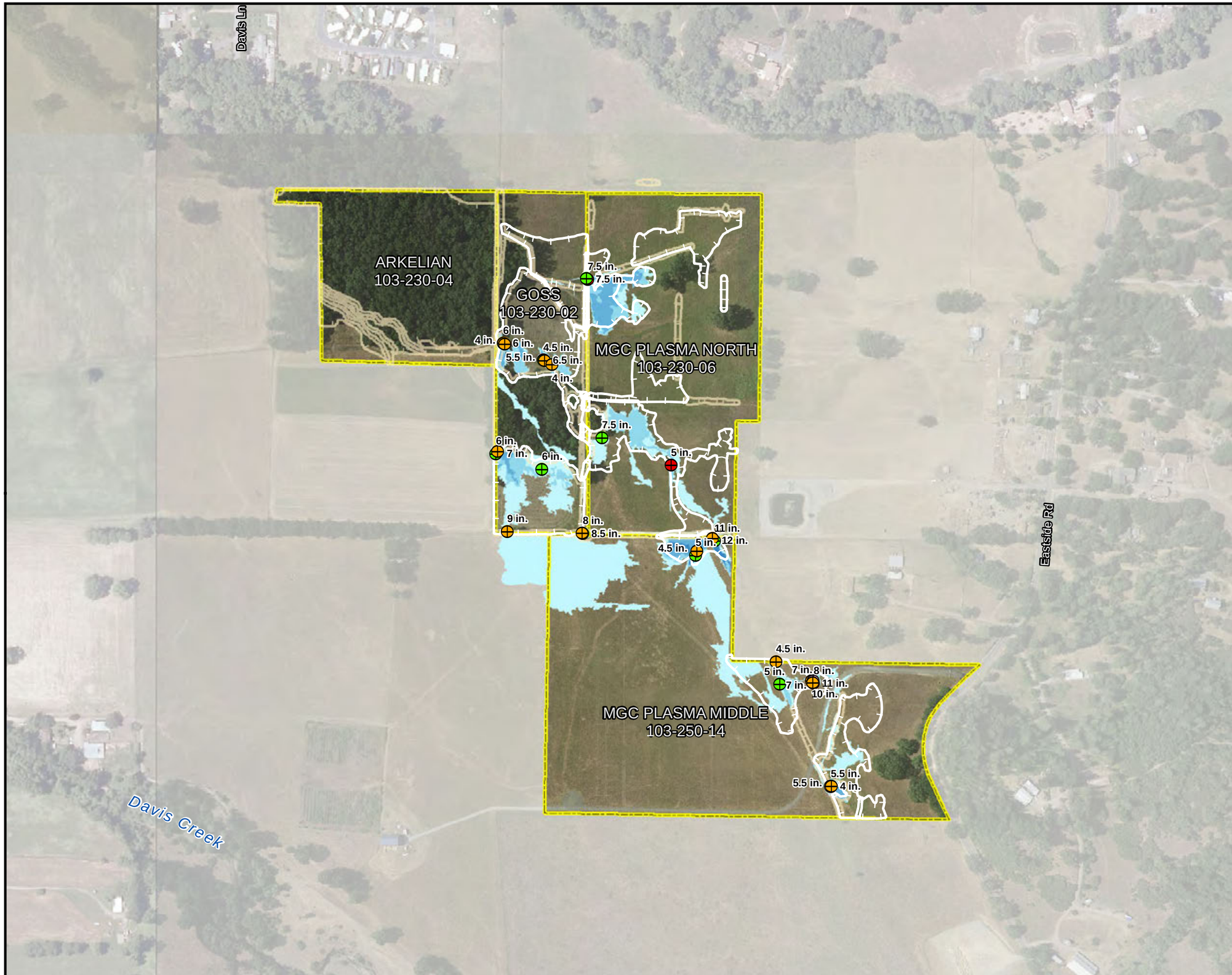
Sheet H-16
Wetland Inundation Extent and Duration of Ponding
Benbow
Benbow - 007-010-04

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

January 2011

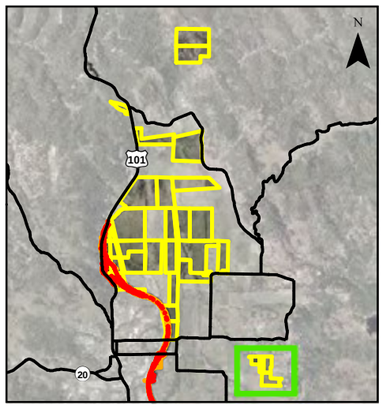
February 2011

March 2011

April 2011

May 2011

Depth is shown in inches.



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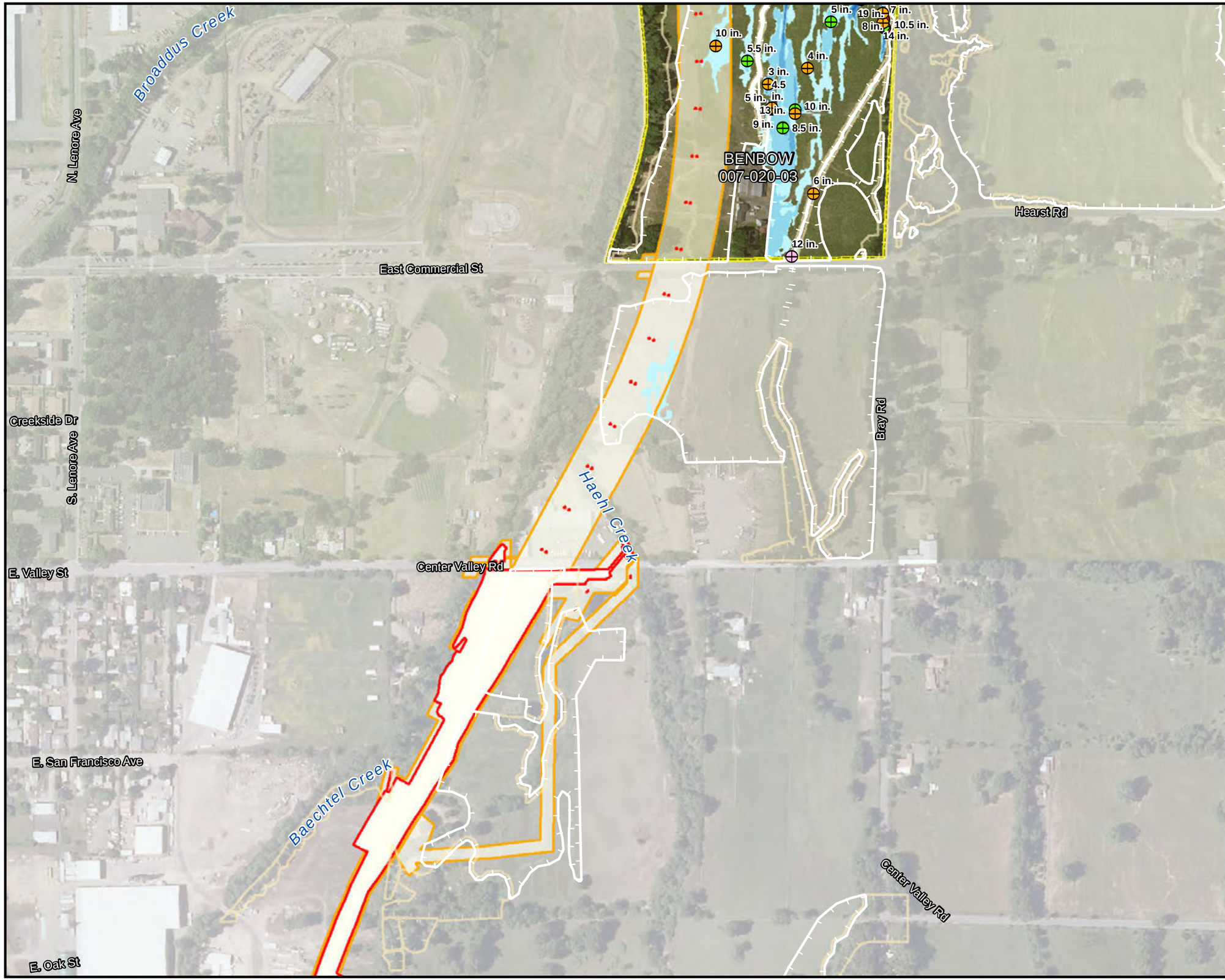
Sheet H-17

Wetland Inundation Extent and Duration of Ponding

Arkelian

Arkelian - 103-230-04;
Goss - 103-230-02;
MGC Plasma North - 103-230-06;
MGC Plasma Middle - 103-250-14

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

January 2011

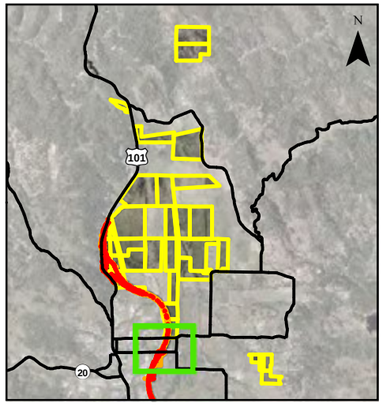
February 2011

March 2011

April 2011

May 2011

Depth is shown in inches.



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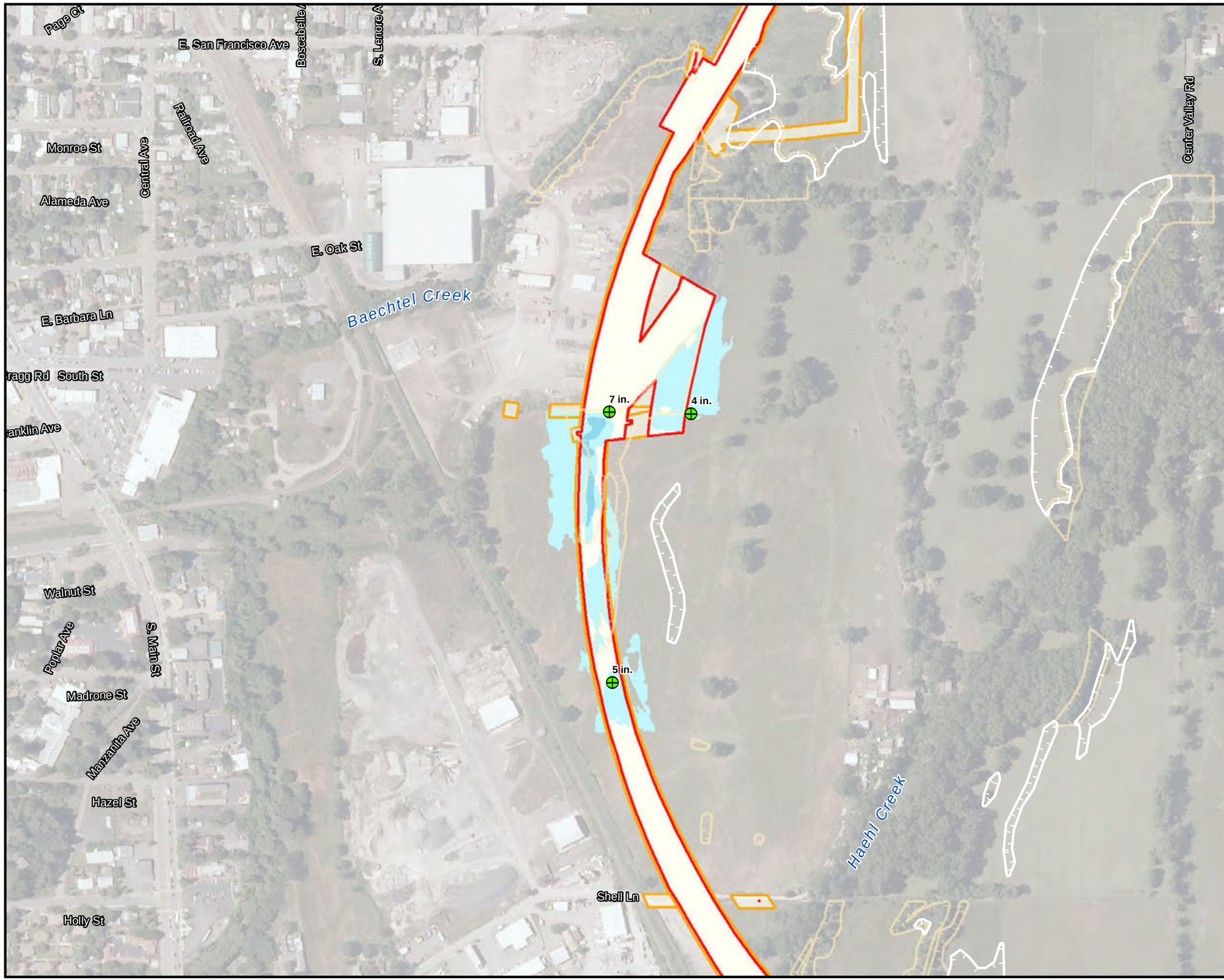
Sheet H-18

Wetland Inundation Extent and Duration of Ponding

Alignment Impact Area 1

Alignment Impact Area 1

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

January 2011

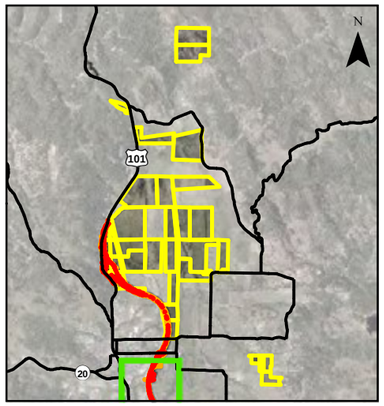
February 2011

March 2011

April 2011

May 2011

Depth is shown in inches.



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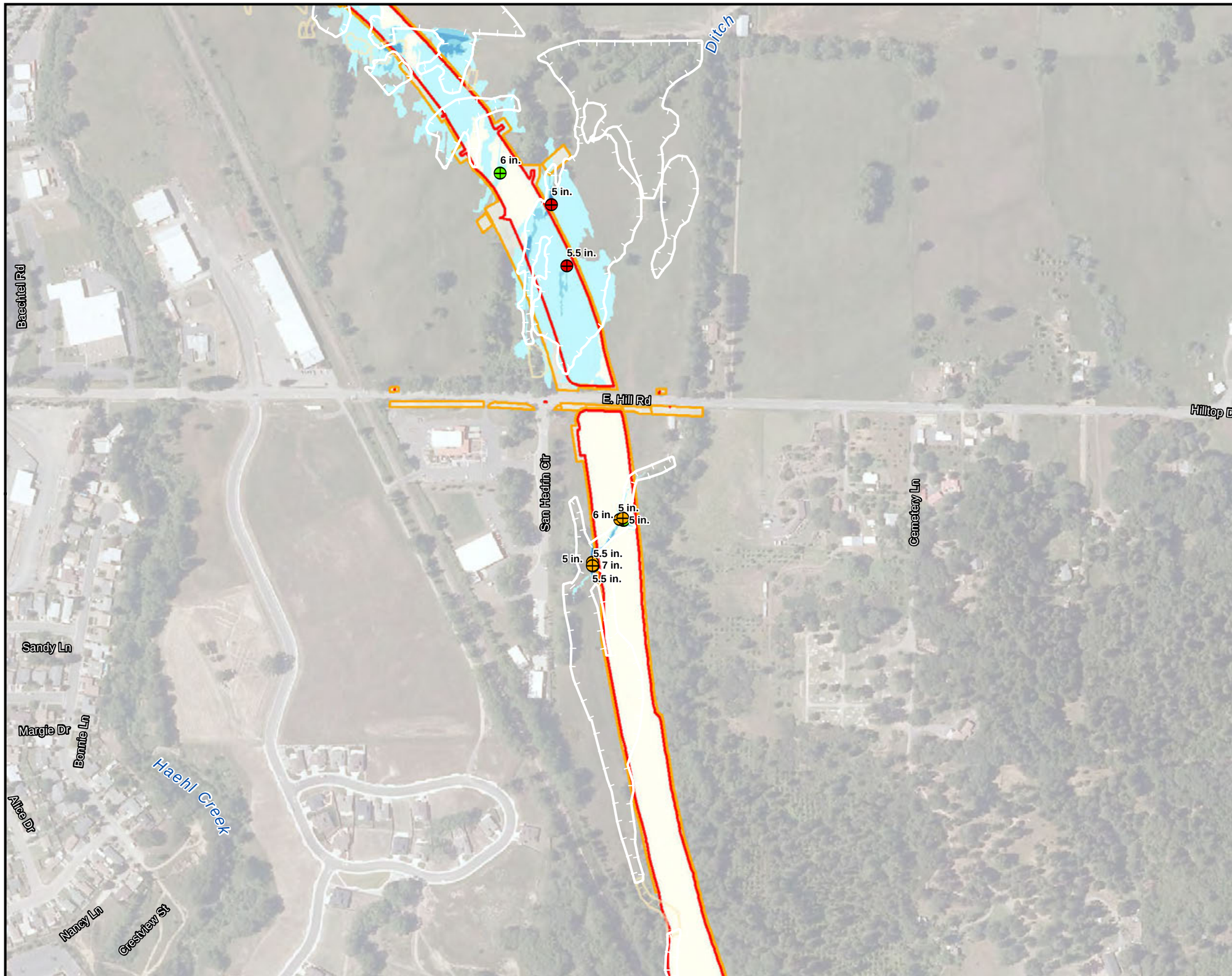
Sheet H-19

Wetland Inundation Extent and Duration of Ponding

Alignment Impact Area 2

Alignment Impact Area 2

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Wetlands

Jurisdictional Wet Meadow

Other Wetland Types

Inundation Duration

1 Month

2 Months

3 Months

4 Months

5 Months

6 Months

Depth Points

December 2010

January 2011

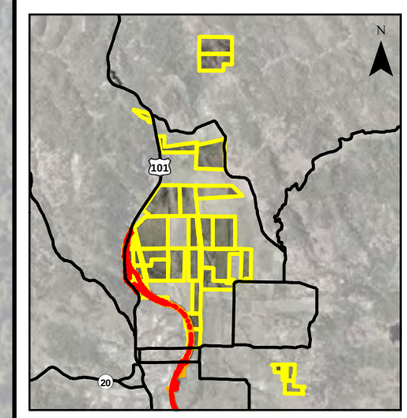
February 2011

March 2011

April 2011

May 2011

Depth is shown in inches.



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Sheet H-20

Wetland Inundation Extent and Duration of Ponding

Alignment Impact Area 3

Alignment Impact Area 3

Willits Bypass Project

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Mitigation Actions

Group 1 and 2

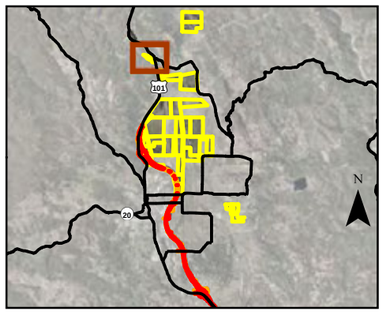
Types 1-5 and Other Waters

Grazing

Assessment Areas

CRAM Assessment Areas

CRAM and Level 3 Assessment Areas



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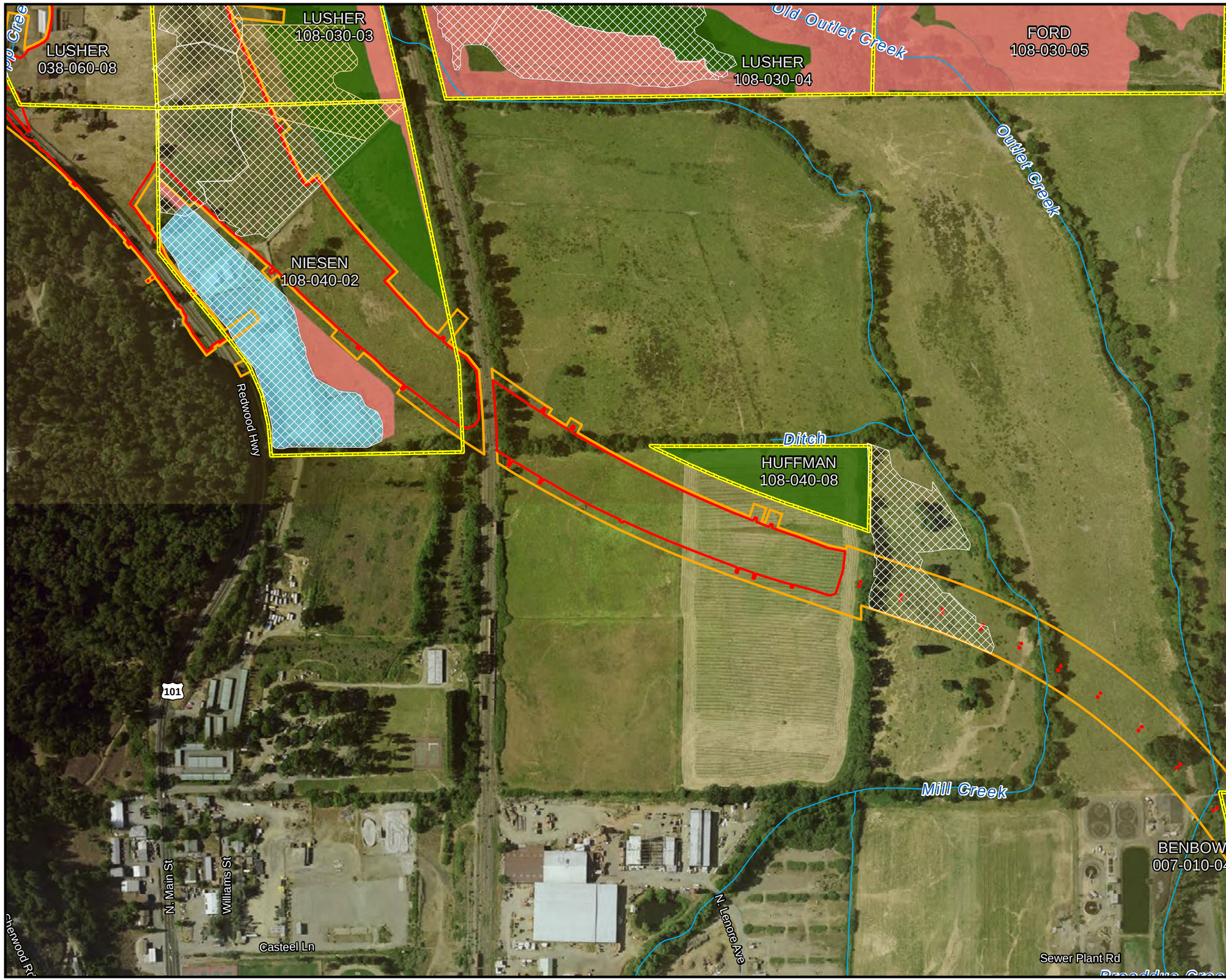
Sheet I-1

CRAM Wet Meadow and Forest Riverine Wetland Sample Frames and Assessment Areas

Huff - 037-240-RW

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Mitigation Actions

Group 1 and 2

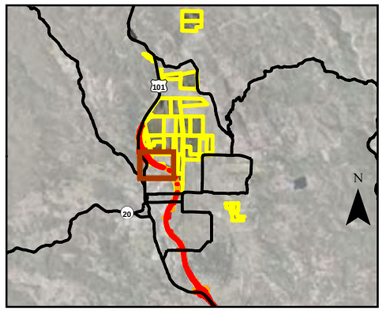
Types 1-5 and Other Waters

Grazing

Assessment Areas

CRAM Assessment Areas

CRAM and Level 3 Assessment Areas



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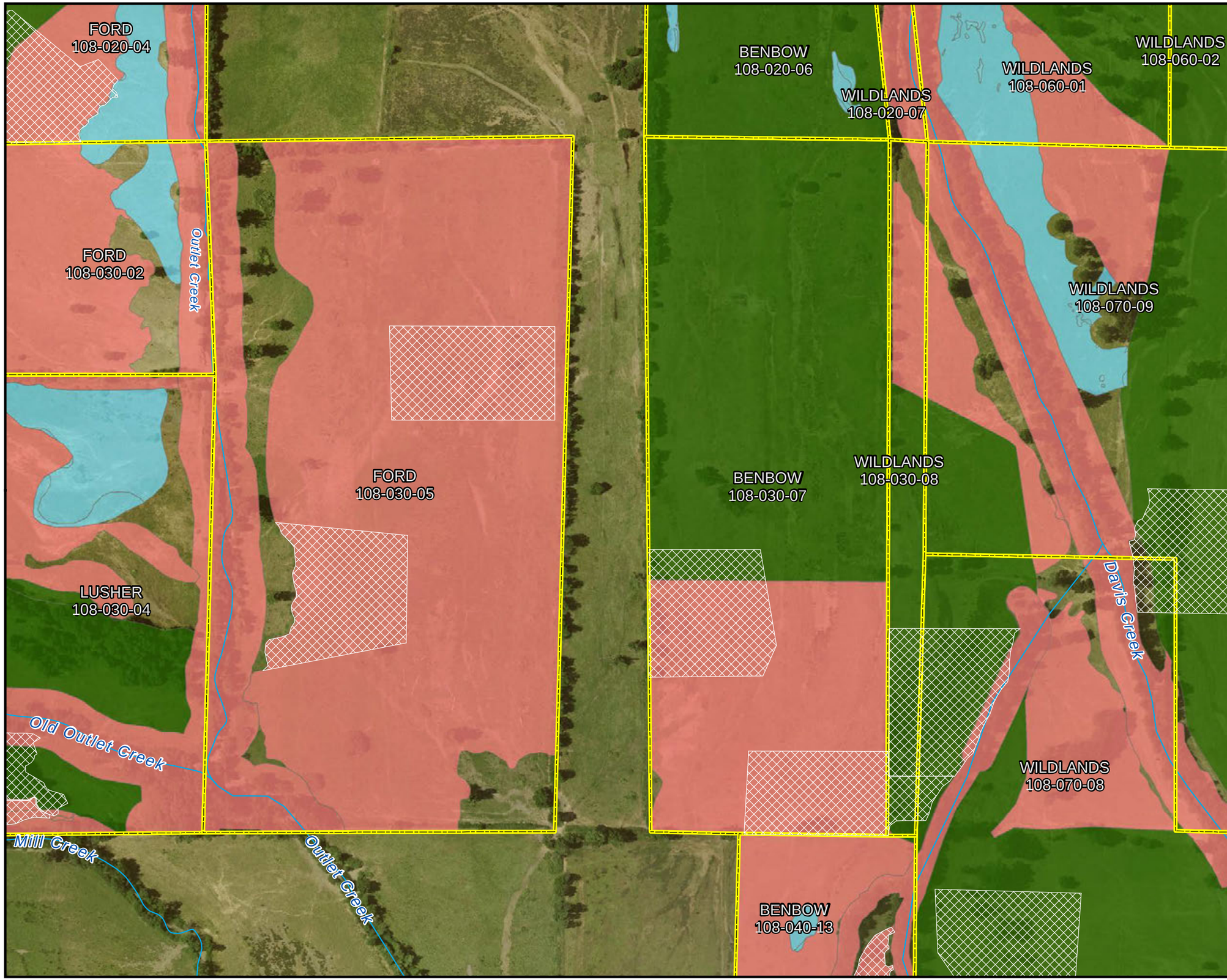
Sheet I-10

CRAM Wet Meadow and Forest Riverine Wetland Sample Frames and Assessment Areas

Niesen - 108-040-02 & Alignment Impacts

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Mitigation Actions

Group 1 and 2

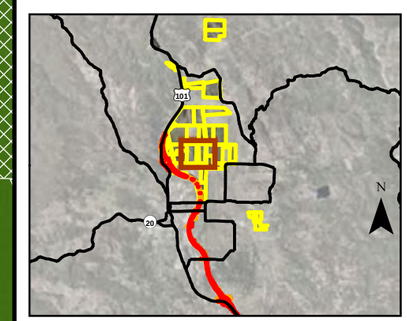
Types 1-5 and Other Waters

Grazing

Assessment Areas

CRAM Assessment Areas

CRAM and Level 3 Assessment Areas



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0 200 400 Feet

Sheet I-11

CRAM Wet Meadow and Forest Riverine Wetland Sample Frames and Assessment Areas

Ford - 108-030-05;
Benbow - 108-030-07;
Wildlands 108-030-08

Willits Bypass Project

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Mitigation Actions

Group 1 and 2

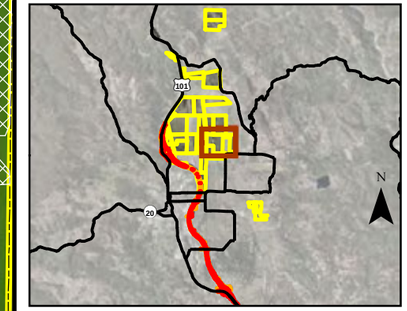
Types 1-5 and Other Waters

Grazing

Assessment Areas

CRAM Assessment Areas

CRAM and Level 3 Assessment Areas



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Sheet I-12

CRAM Wet Meadow and Forest Riverine Wetland Sample Frames and Assessment Areas

Wildlands - 108-070-09

Willits Bypass Project

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Mitigation Actions

Group 1 and 2

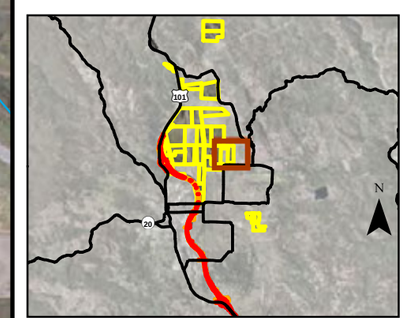
Types 1-5 and Other Waters

Grazing

Assessment Areas

CRAM Assessment Areas

CRAM and Level 3 Assessment Areas



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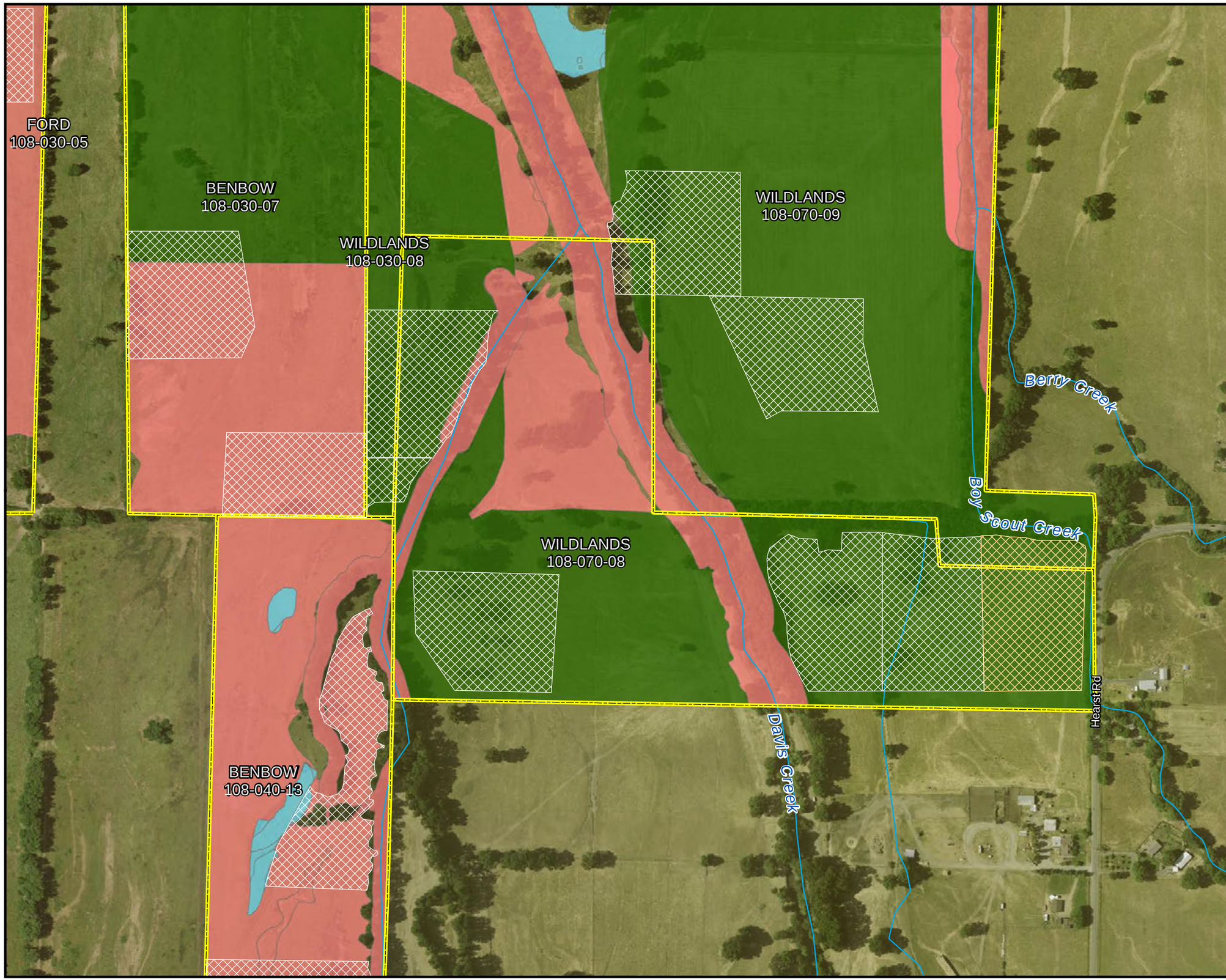
Sheet I-13

CRAM Wet Meadow and Forest Riverine Wetland Sample Frames and Assessment Areas

Frost - 108-070-04

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Mitigation Actions

Group 1 and 2

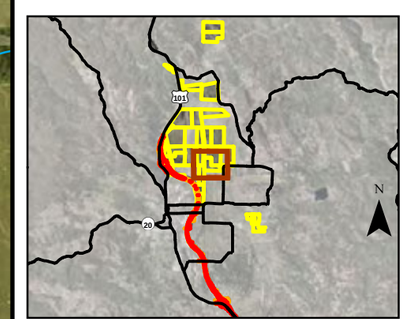
Types 1-5 and Other Waters

Grazing

Assessment Areas

CRAM Assessment Areas

CRAM and Level 3 Assessment Areas



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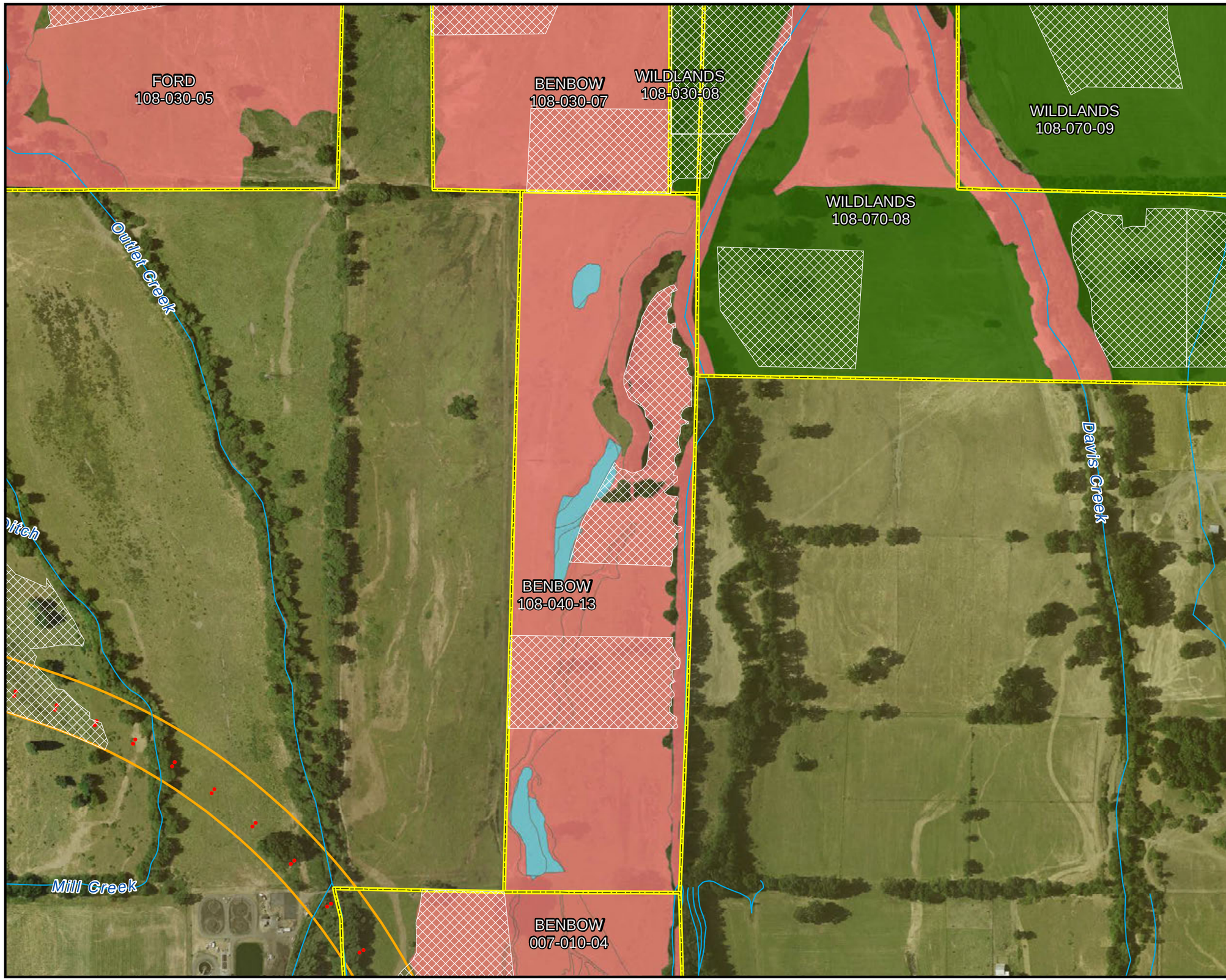
Sheet I-14

CRAM Wet Meadow and Forest Riverine Wetland Sample Frames and Assessment Areas

Wildlands - 108-070-08

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Mitigation Actions

Group 1 and 2

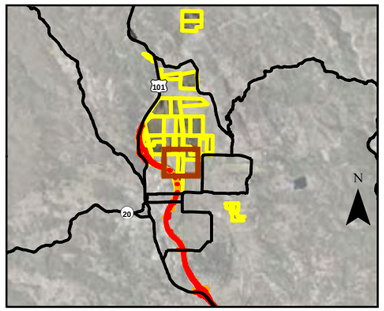
Types 1-5 and Other Waters

Grazing

Assessment Areas

CRAM Assessment Areas

CRAM and Level 3 Assessment Areas



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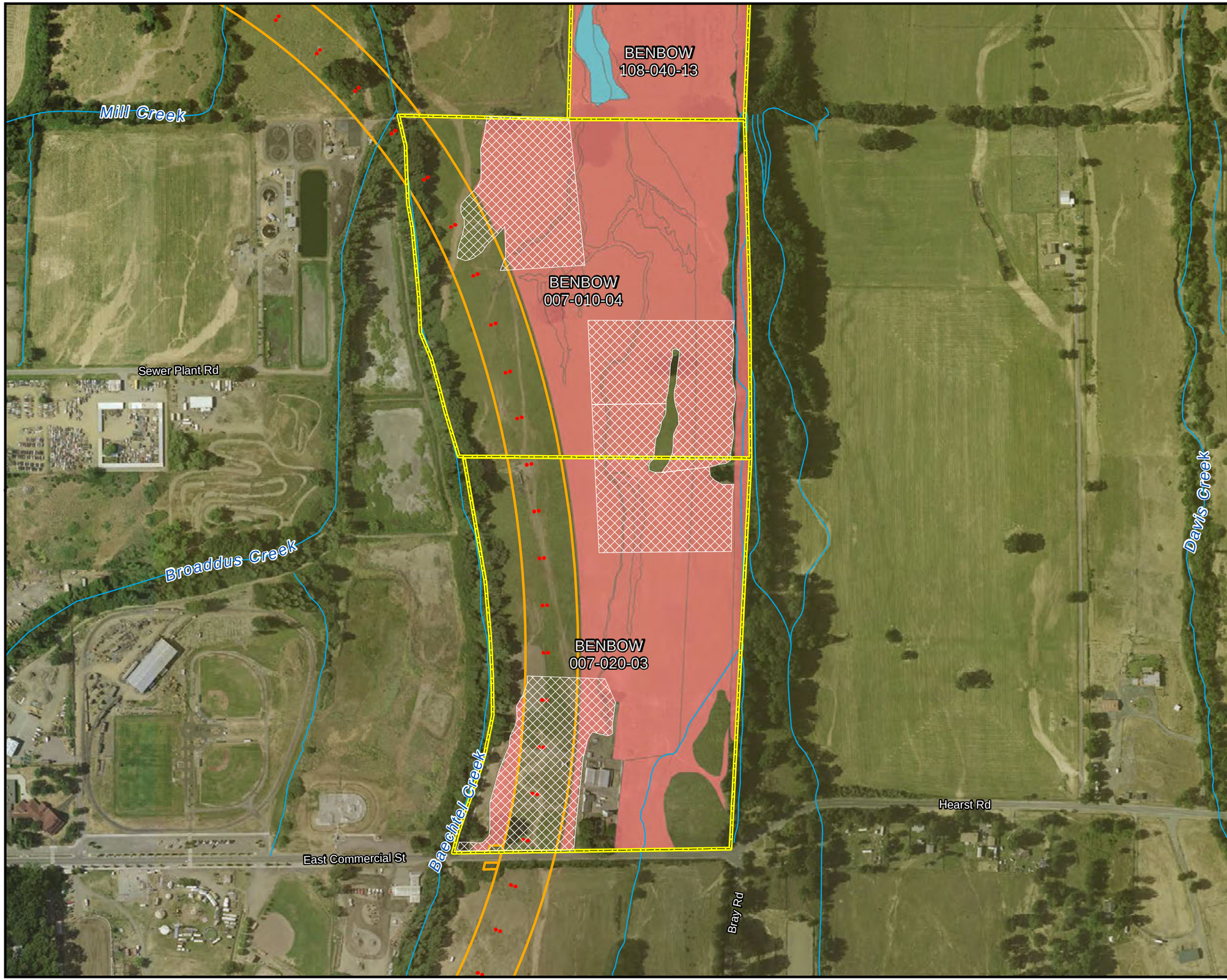
Sheet I-15

CRAM Wet Meadow and Forest Riverine Wetland Sample Frames and Assessment Areas

Benbow - 108-040-13

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Mitigation Actions

Group 1 and 2

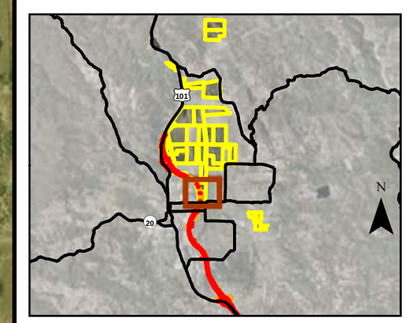
Types 1-5 and Other Waters

Grazing

Assessment Areas

CRAM Assessment Areas

CRAM and Level 3 Assessment Areas



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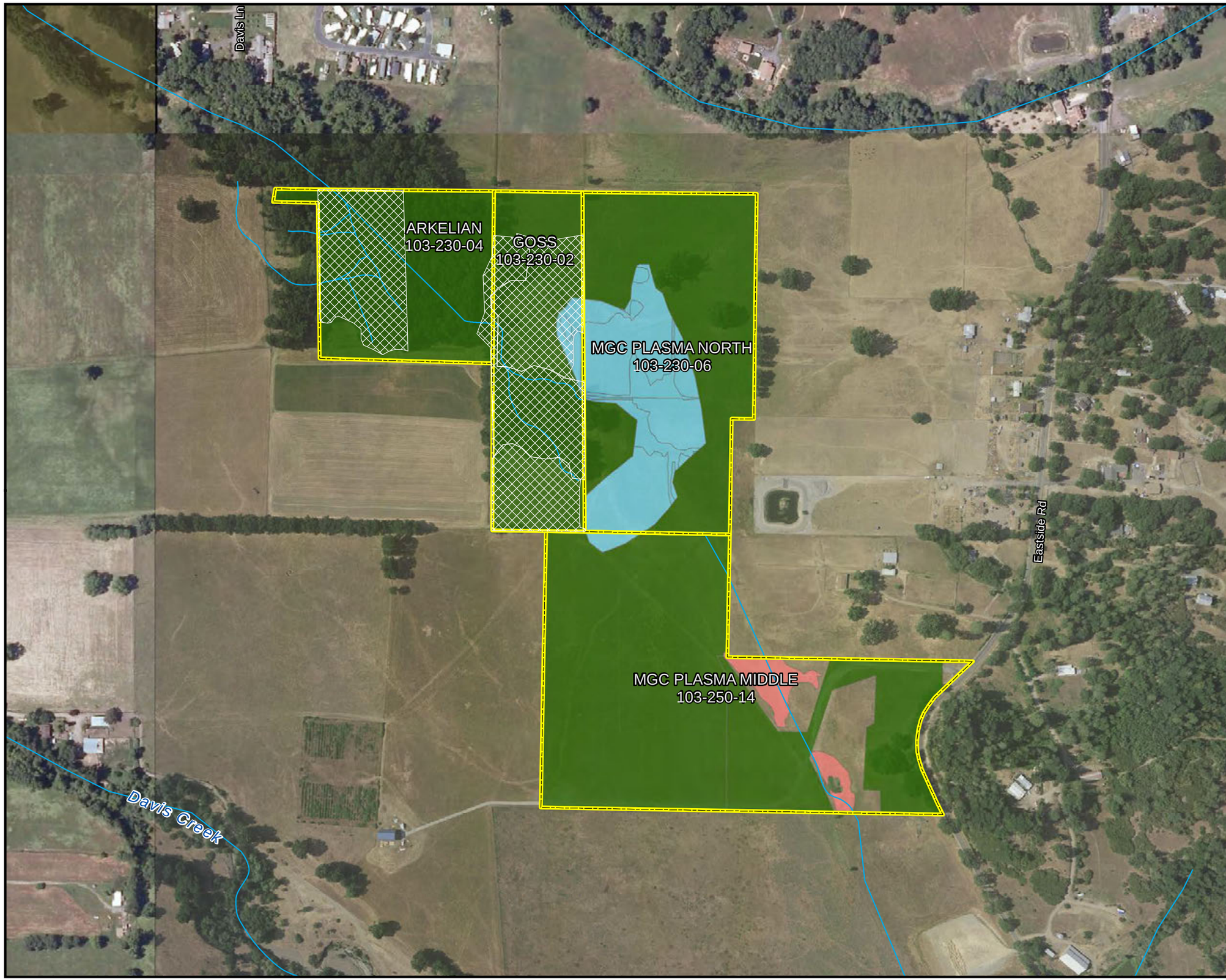
Sheet I-16

CRAM Wet Meadow and Forest Riverine Wetland Sample Frames and Assessment Areas

Benbow - 007-010-04

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Mitigation Actions

Group 1 and 2

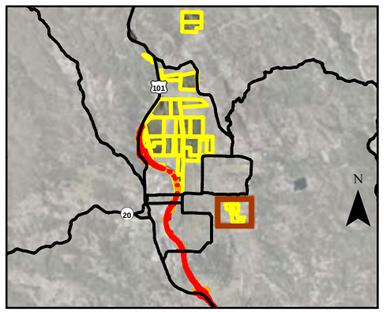
Types 1-5 and Other Waters

Grazing

Assessment Areas

CRAM Assessment Areas

CRAM and Level 3 Assessment Areas



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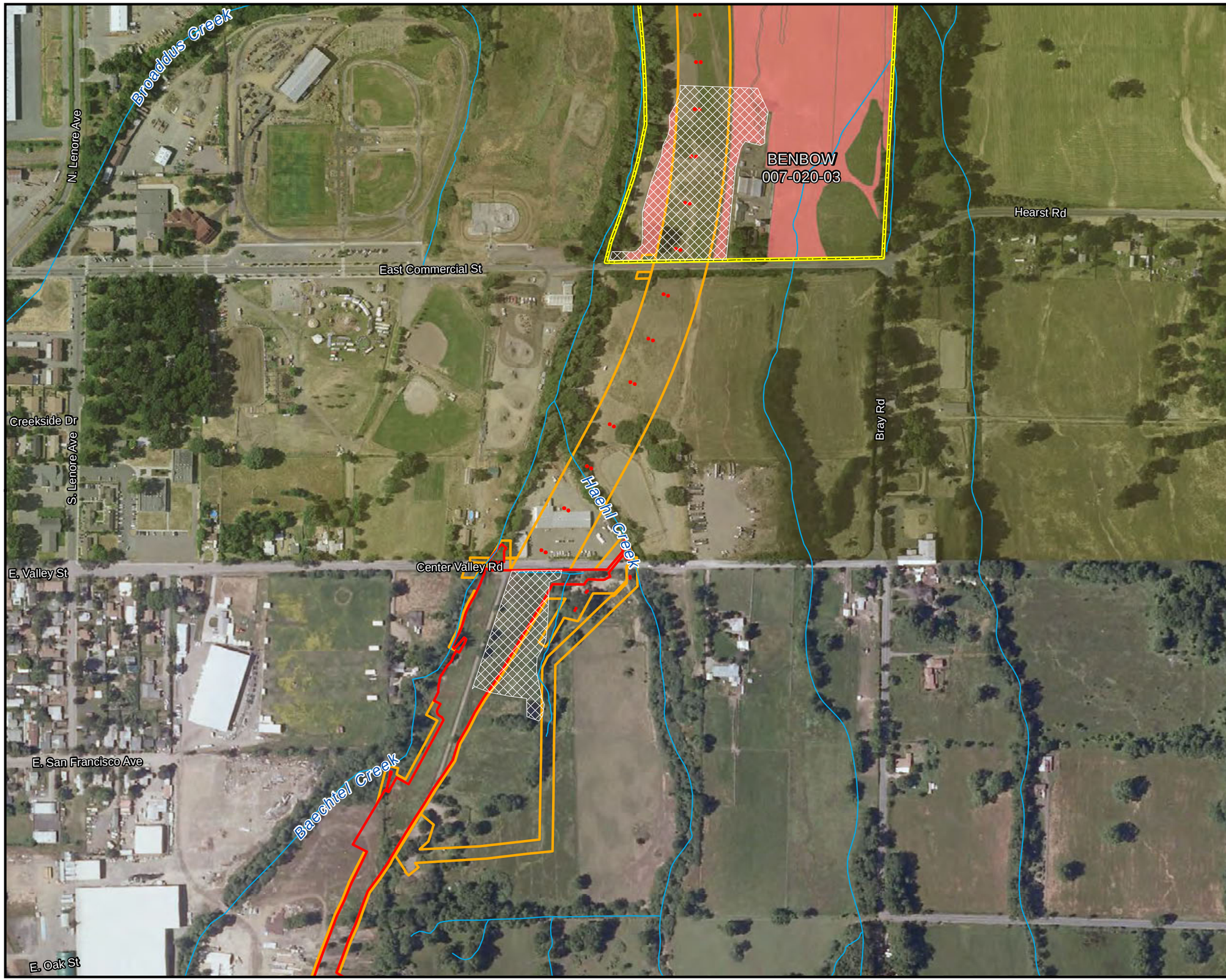
Sheet I-17

CRAM Wet Meadow and Forest Riverine Wetland Sample Frames and Assessment Areas

Arkelian - 103-230-04;
Goss - 103-230-02;
MGC Plasma North - 103-230-06;
MGC Plasma Middle - 103-250-14

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Mitigation Actions

Group 1 and 2

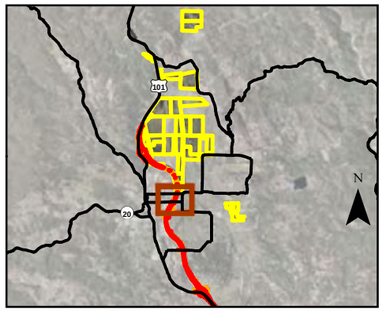
Types 1-5 and Other Waters

Grazing

Assessment Areas

CRAM Assessment Areas

CRAM and Level 3 Assessment Areas



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Sheet I-18

CRAM Wet Meadow and Forest Riverine Wetland Sample Frames and Assessment Areas

Alignment Impact Area 1

Willits Bypass Project

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Mitigation Actions

Group 1 and 2

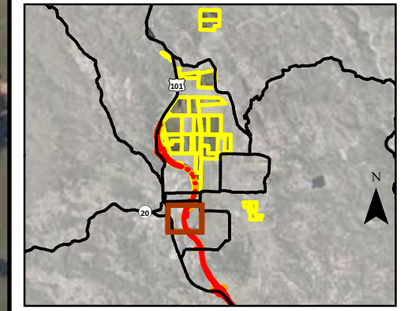
Types 1-5 and Other Waters

Grazing

Assessment Areas

CRAM Assessment Areas

CRAM and Level 3 Assessment Areas



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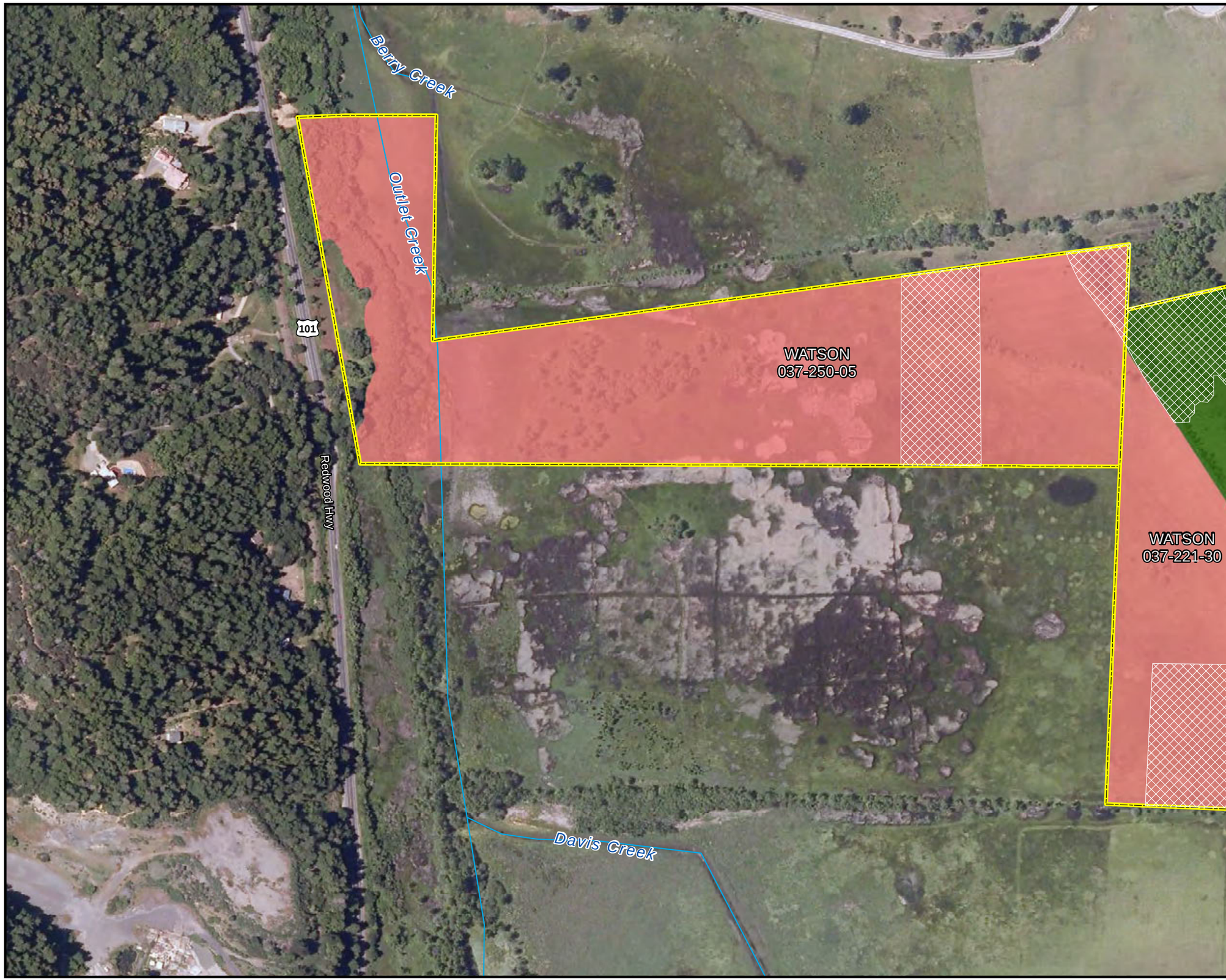
Sheet I-19

CRAM Wet Meadow and Forest Riverine Wetland Sample Frames and Assessment Areas

Alignment Impact Area 2

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Mitigation Actions

Group 1 and 2

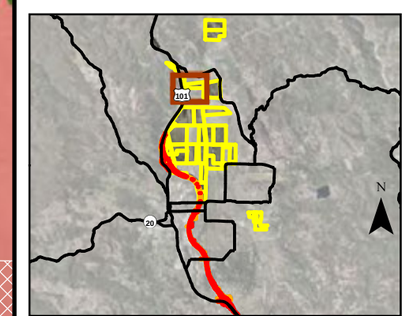
Types 1-5 and Other Waters

Grazing

Assessment Areas

CRAM Assessment Areas

CRAM and Level 3 Assessment Areas



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0 200 400 Feet

Sheet I-2

CRAM Wet Meadow and Forest Riverine Wetland Sample Frames and Assessment Areas

Watson - 037-250-05

Willits Bypass Project

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Mitigation Actions

Group 1 and 2

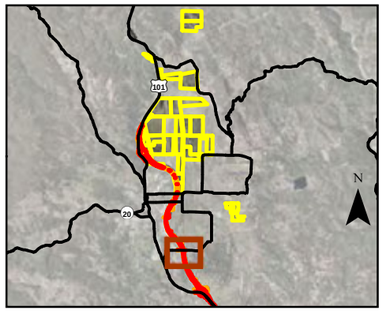
Types 1-5 and Other Waters

Grazing

Assessment Areas

CRAM Assessment Areas

CRAM and Level 3 Assessment Areas



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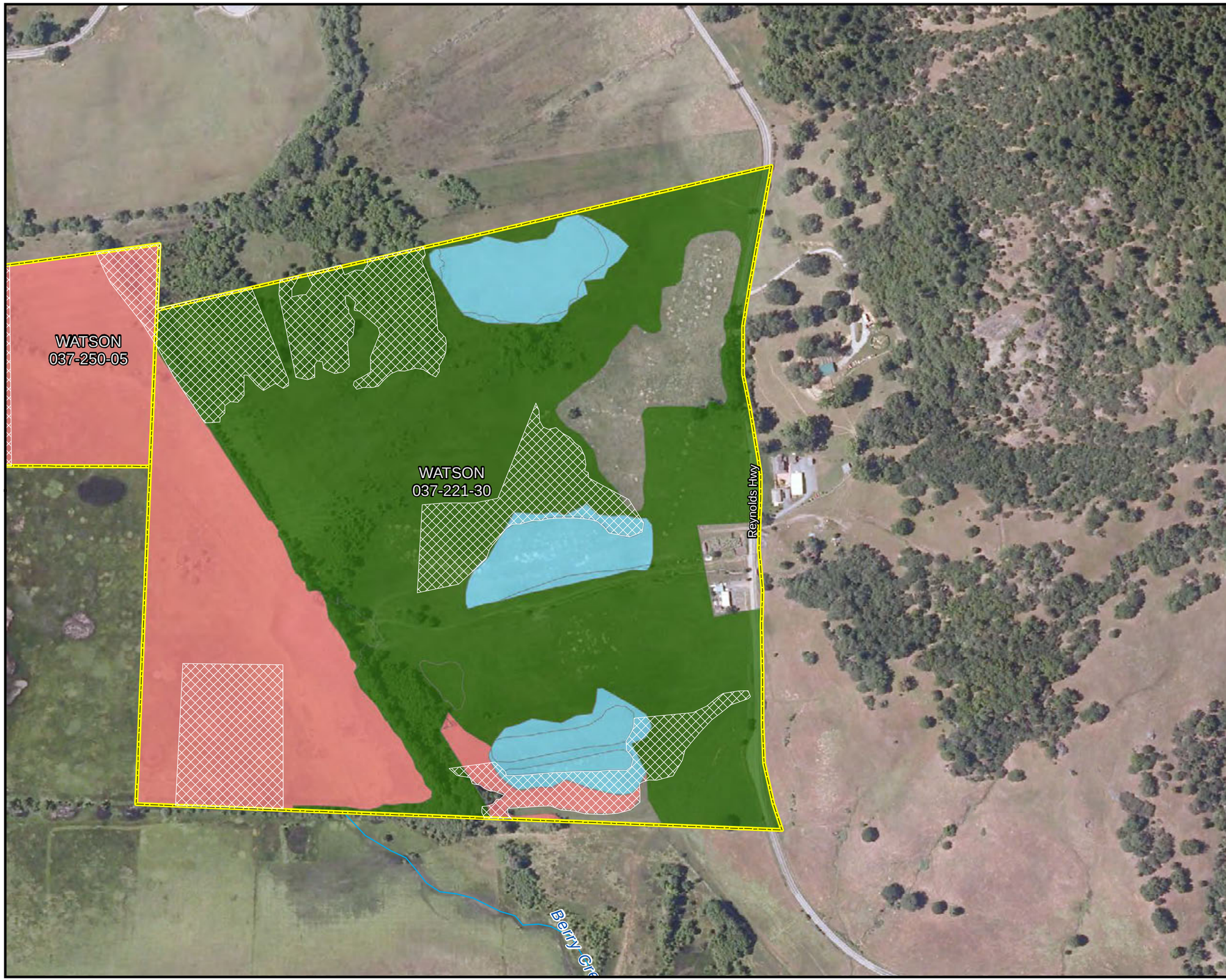
Sheet I-20

CRAM Wet Meadow and Forest Riverine Wetland Sample Frames and Assessment Areas

Alignment Impact Area 3

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Mitigation Actions

Group 1 and 2

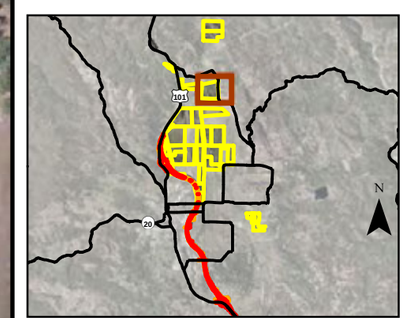
Types 1-5 and Other Waters

Grazing

Assessment Areas

CRAM Assessment Areas

CRAM and Level 3 Assessment Areas



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Sheet I-3

CRAM Wet Meadow and Forest Riverine Wetland Sample Frames and Assessment Areas

Watson - 037-221-30

Willits Bypass Project

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Mitigation Actions

Group 1 and 2

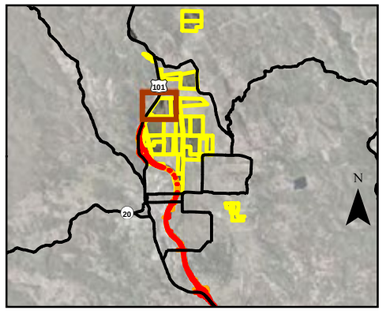
Types 1-5 and Other Waters

Grazing

Assessment Areas

CRAM Assessment Areas

CRAM and Level 3 Assessment Areas



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0 200 400 Feet

Sheet I-4

CRAM Wet Meadow and Forest Riverine Wetland Sample Frames and Assessment Areas

Ford - 108-010-06

Willits Bypass Project

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Mitigation Actions

Group 1 and 2

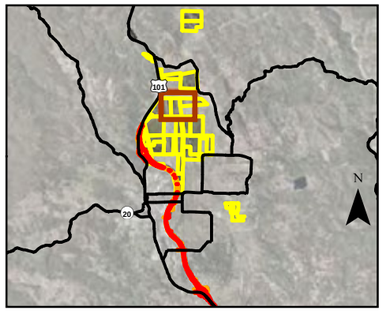
Types 1-5 and Other Waters

Grazing

Assessment Areas

CRAM Assessment Areas

CRAM and Level 3 Assessment Areas



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Sheet I-5

CRAM Wet Meadow and Forest Riverine Wetland Sample Frames and Assessment Areas

Ford - 108-010-05

Willits Bypass Project

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Mitigation Actions

Group 1 and 2

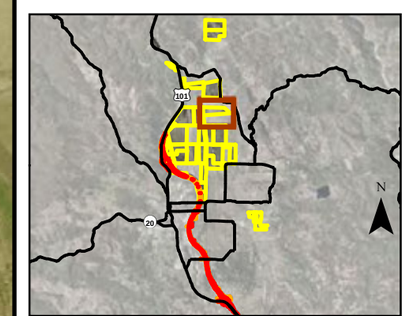
Types 1-5 and Other Waters

Grazing

Assessment Areas

CRAM Assessment Areas

CRAM and Level 3 Assessment Areas



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0 200 400 Feet

Sheet I-6

CRAM Wet Meadow and Forest Riverine Wetland Sample Frames and Assessment Areas

Nance - 108-050-06

Willits Bypass Project

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Mitigation Actions

Group 1 and 2

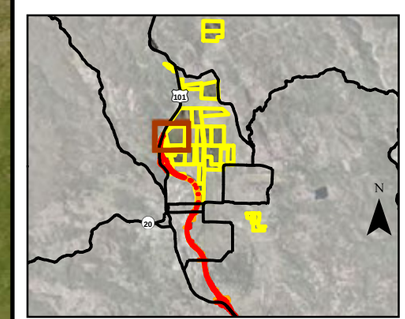
Types 1-5 and Other Waters

Grazing

Assessment Areas

CRAM Assessment Areas

CRAM and Level 3 Assessment Areas



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Sheet I-7

CRAM Wet Meadow and Forest Riverine Wetland Sample Frames and Assessment Areas

Brooke - 038-020-11 & 108-020-03; Ford - 108-020-04

Willits Bypass Project

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Mitigation Actions

Group 1 and 2

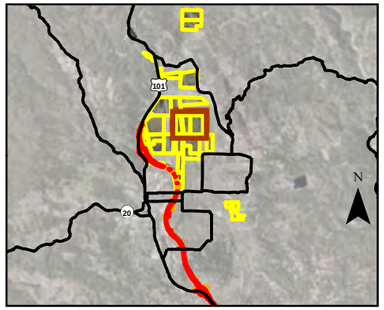
Types 1-5 and Other Waters

Grazing

Assessment Areas

CRAM Assessment Areas

CRAM and Level 3 Assessment Areas



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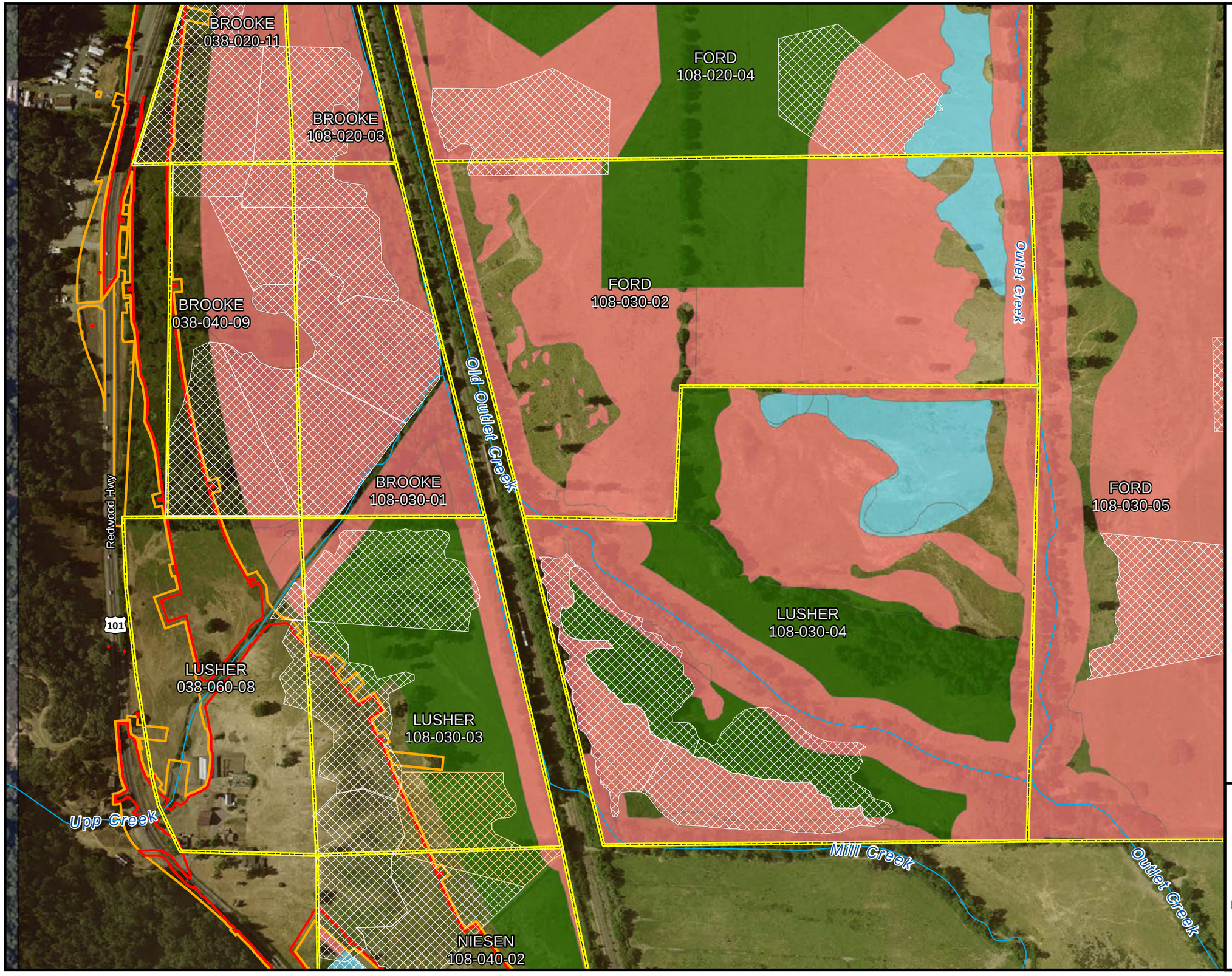
Sheet I-8

CRAM Wet Meadow and Forest Riverine Wetland Sample Frames and Assessment Areas

Benbow - 108-020-061; Wildlands 108-020-07, 108-060-01, & 108-060-02

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Mitigation Actions

Group 1 and 2

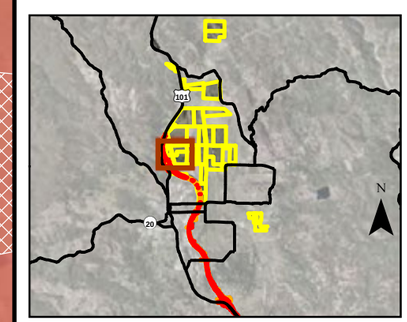
Types 1-5 and Other Waters

Grazing

Assessment Areas

CRAM Assessment Areas

CRAM and Level 3 Assessment Areas



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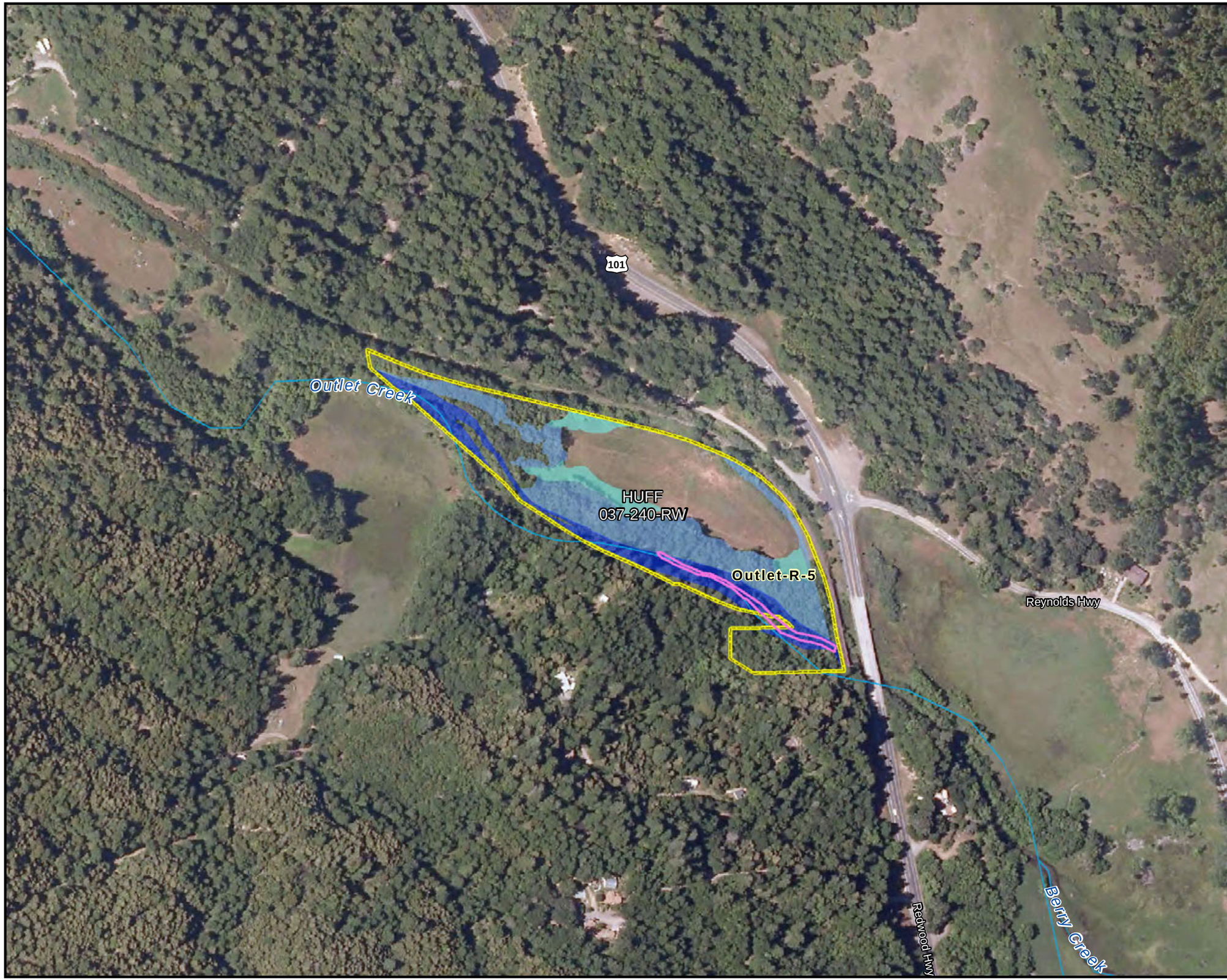
Sheet I-9

CRAM Wet Meadow and Forest Riverine Wetland Sample Frames and Assessment Areas

Brooke - 038-020-09 & 108-030-01; Ford - 108-030-02; Lusher - 038-060-08, 108-030-03, & 108-030-04

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Existing Jurisdictional Wetlands

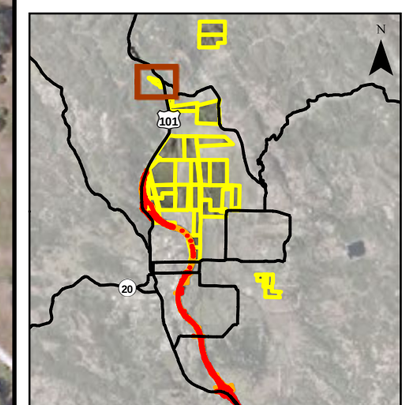
Wet Meadow; Mixed Marsh; Swale

Riparian Wetland

Other Waters

Riverine Assessment Locations

CRAM Riverine Assessment Areas



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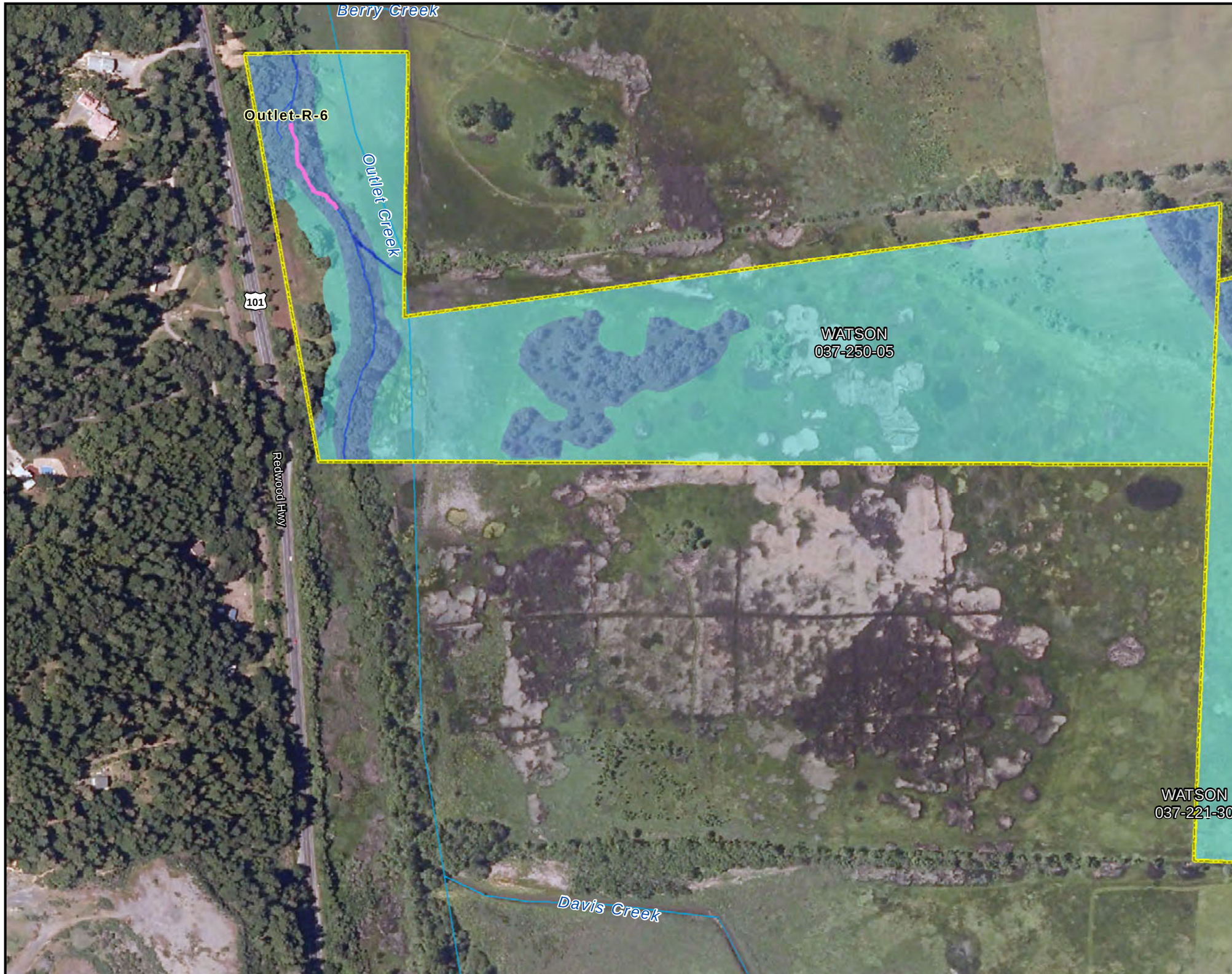
Sheet J-1

CRAM Riverine Assessment Areas

Huff - 037-240-RW

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Existing Jurisdictional Wetlands

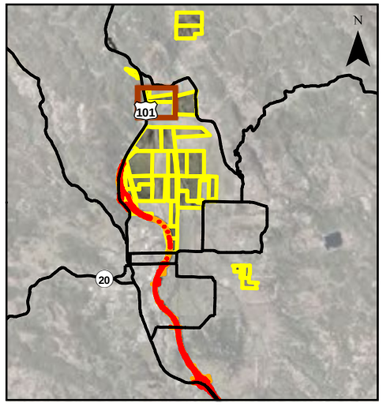
Wet Meadow; Mixed Marsh; Swale

Riparian Wetland

Other Waters

Riverine Assessment Locations

CRAM Riverine Assessment Areas



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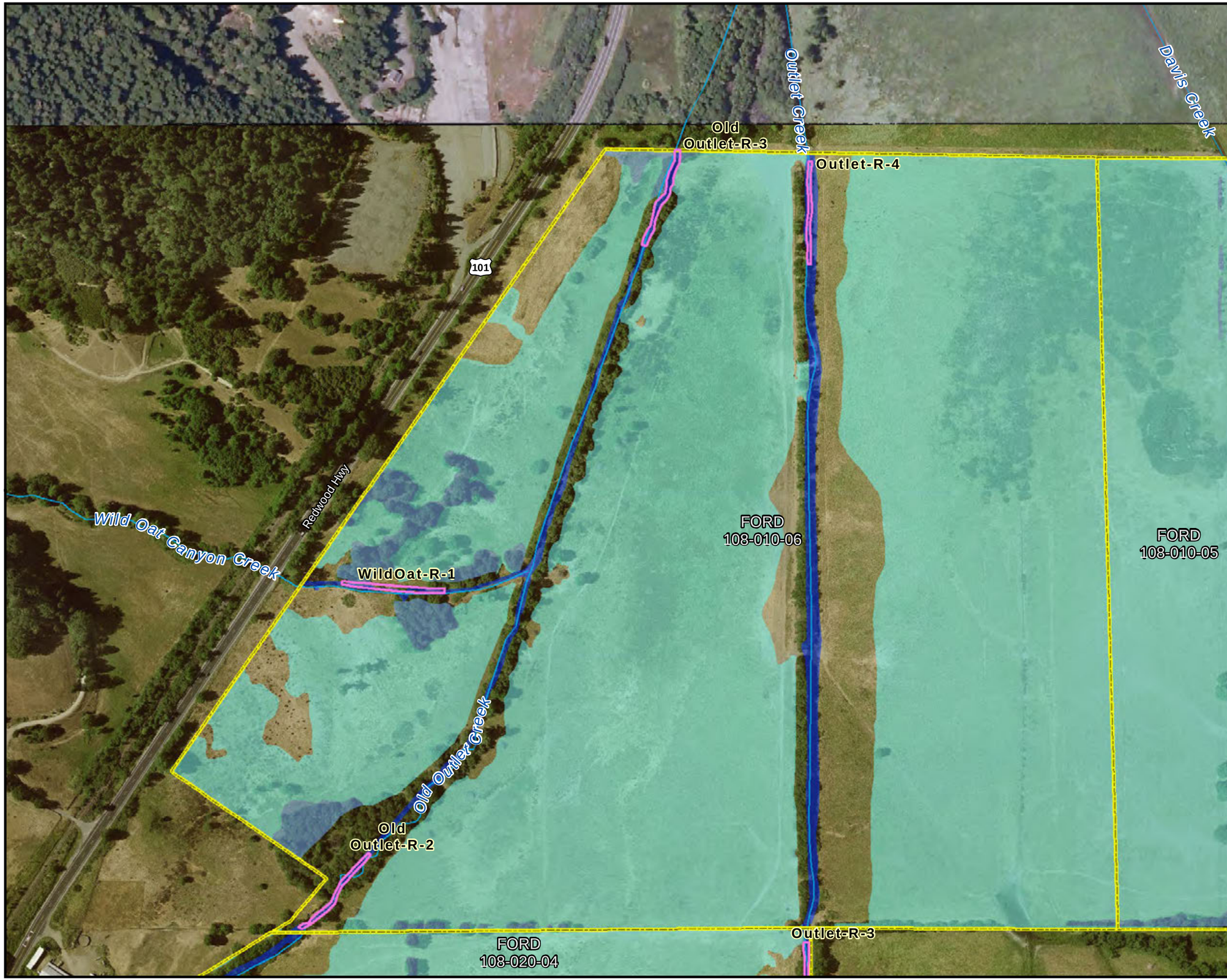
Sheet J-2

CRAM Riverine Assessment Areas

Watson - 037-250-05

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Existing Jurisdictional Wetlands

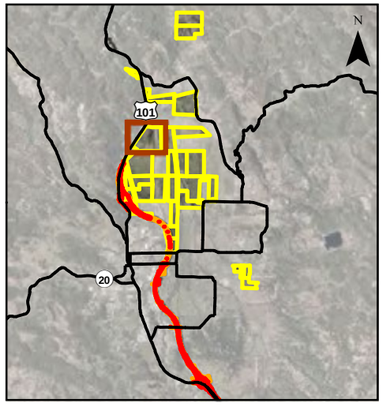
Wet Meadow; Mixed Marsh; Swale

Riparian Wetland

Other Waters

Riverine Assessment Locations

CRAM Riverine Assessment Areas



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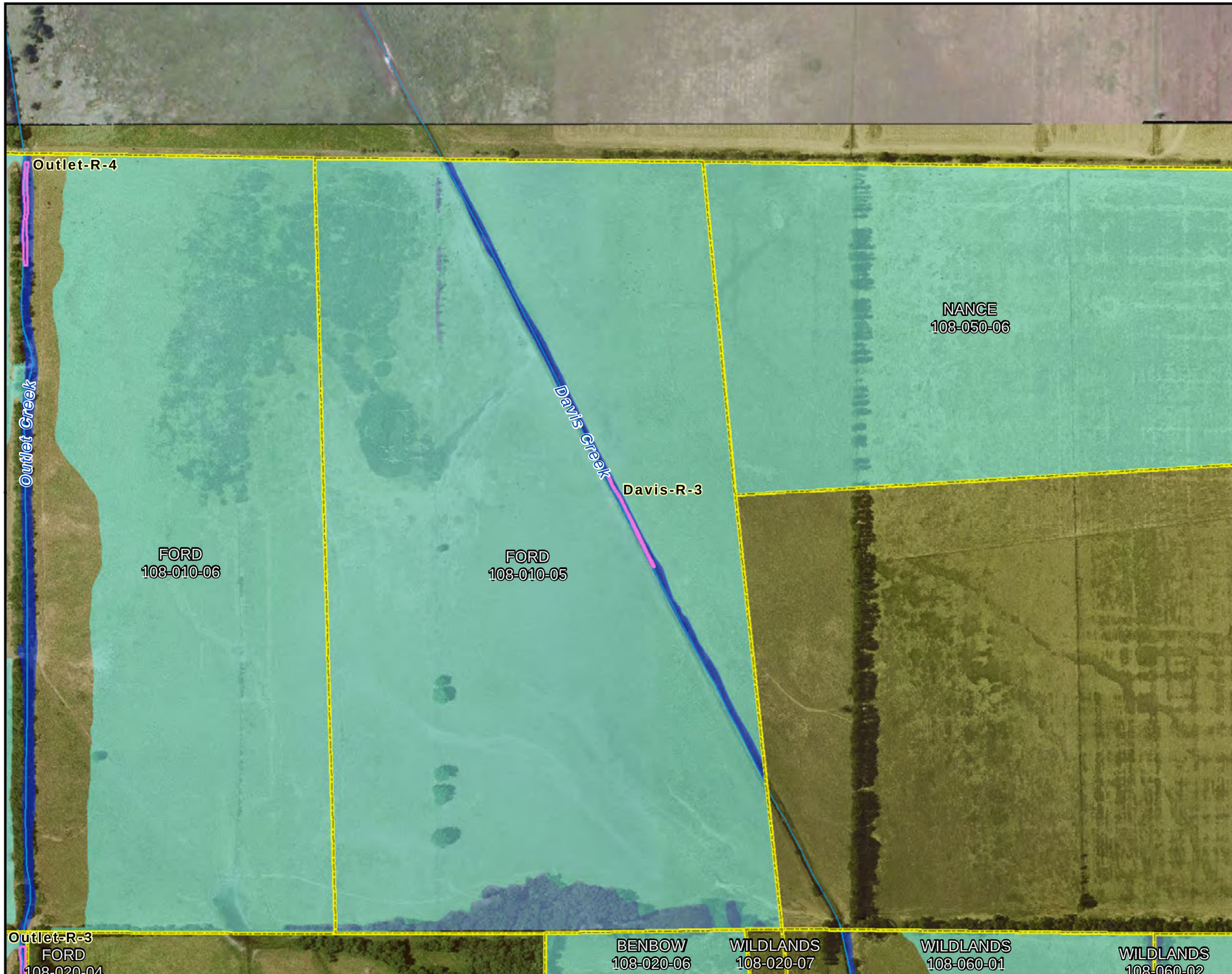
Sheet J-3

CRAM Riverine Assessment Areas

Ford - 108-010-06

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Existing Jurisdictional Wetlands

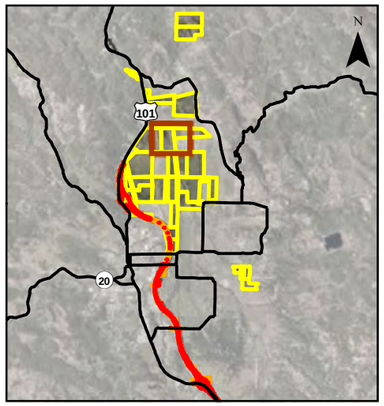
Wet Meadow; Mixed Marsh; Swale

Riparian Wetland

Other Waters

Riverine Assessment Locations

CRAM Riverine Assessment Areas



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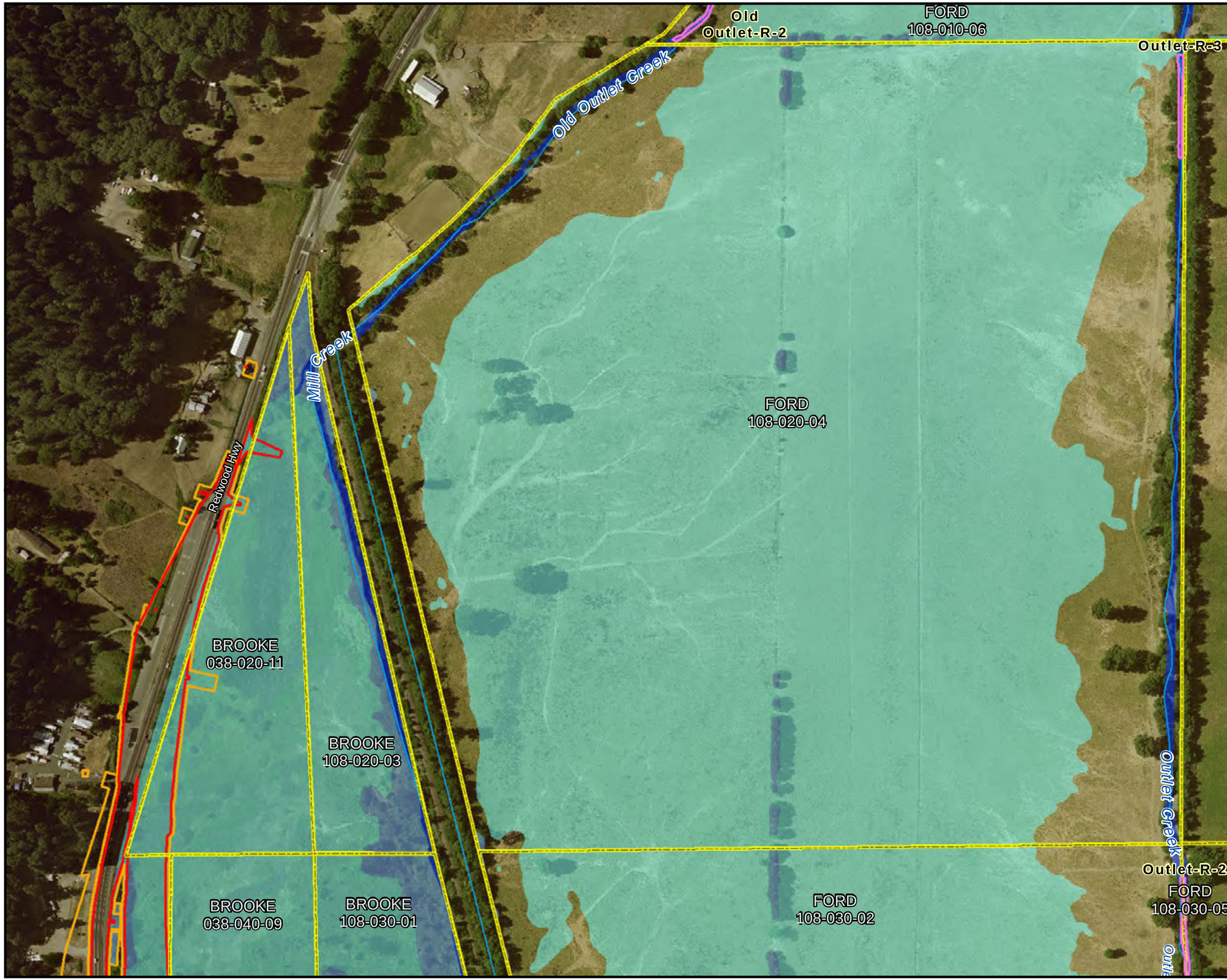
Sheet J-4

CRAM Riverine Assessment Areas

Ford - 108-010-05

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Existing Jurisdictional Wetlands

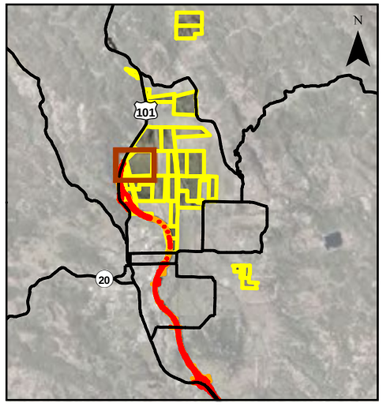
Wet Meadow; Mixed Marsh; Swale

Riparian Wetland

Other Waters

Riverine Assessment Locations

CRAM Riverine Assessment Areas



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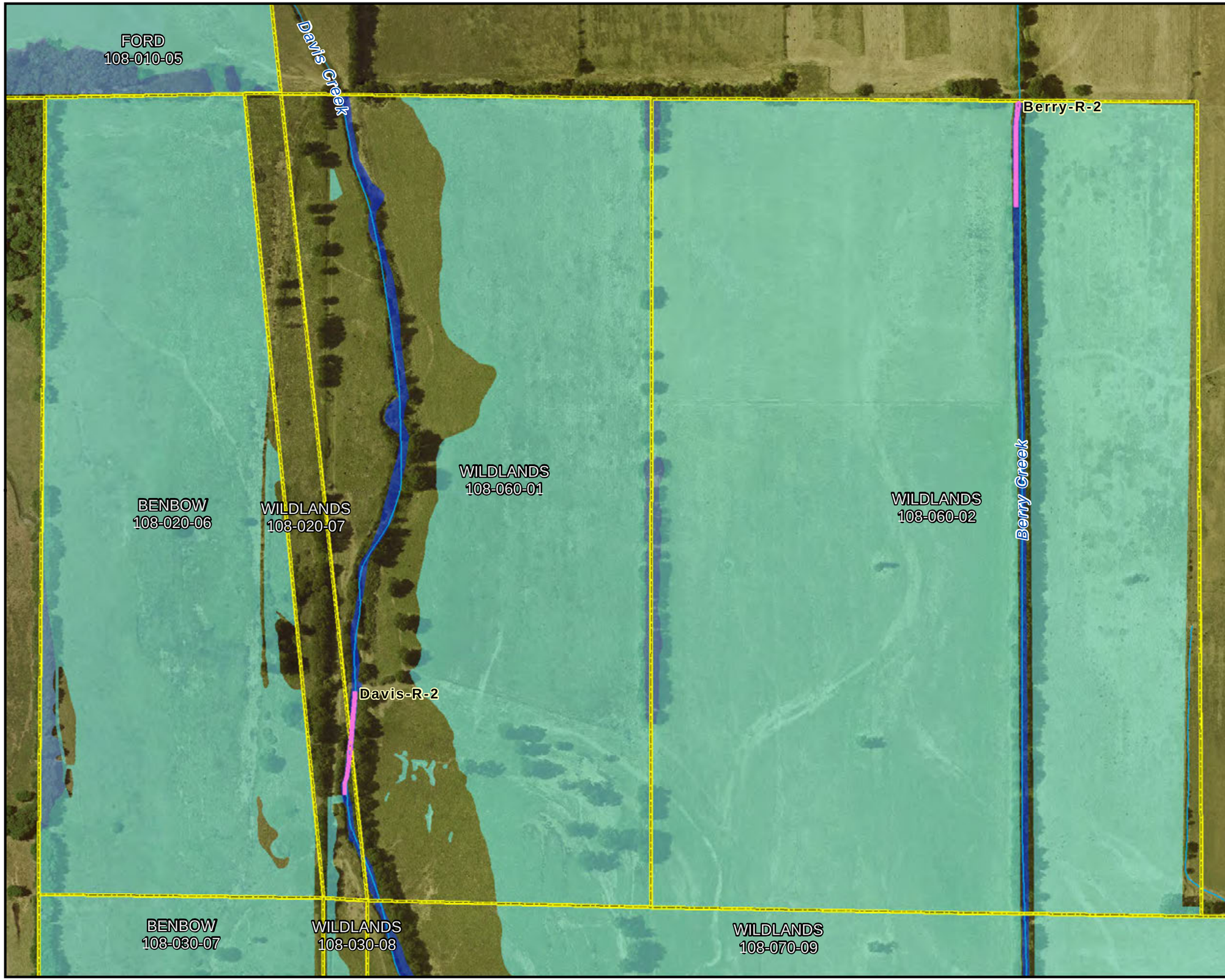
Sheet J-5

CRAM Riverine Assessment Areas

Brooke - 038-020-11 & 108-020-03;
Ford - 108-020-04

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Existing Jurisdictional Wetlands

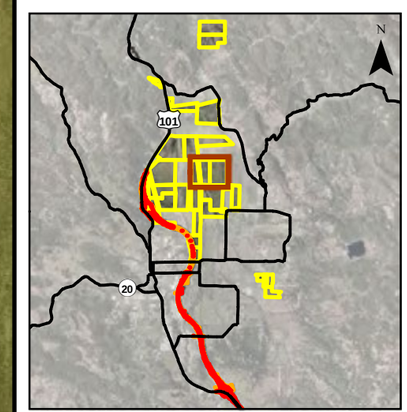
Wet Meadow; Mixed Marsh; Swale

Riparian Wetland

Other Waters

Riverine Assessment Locations

CRAM Riverine Assessment Areas



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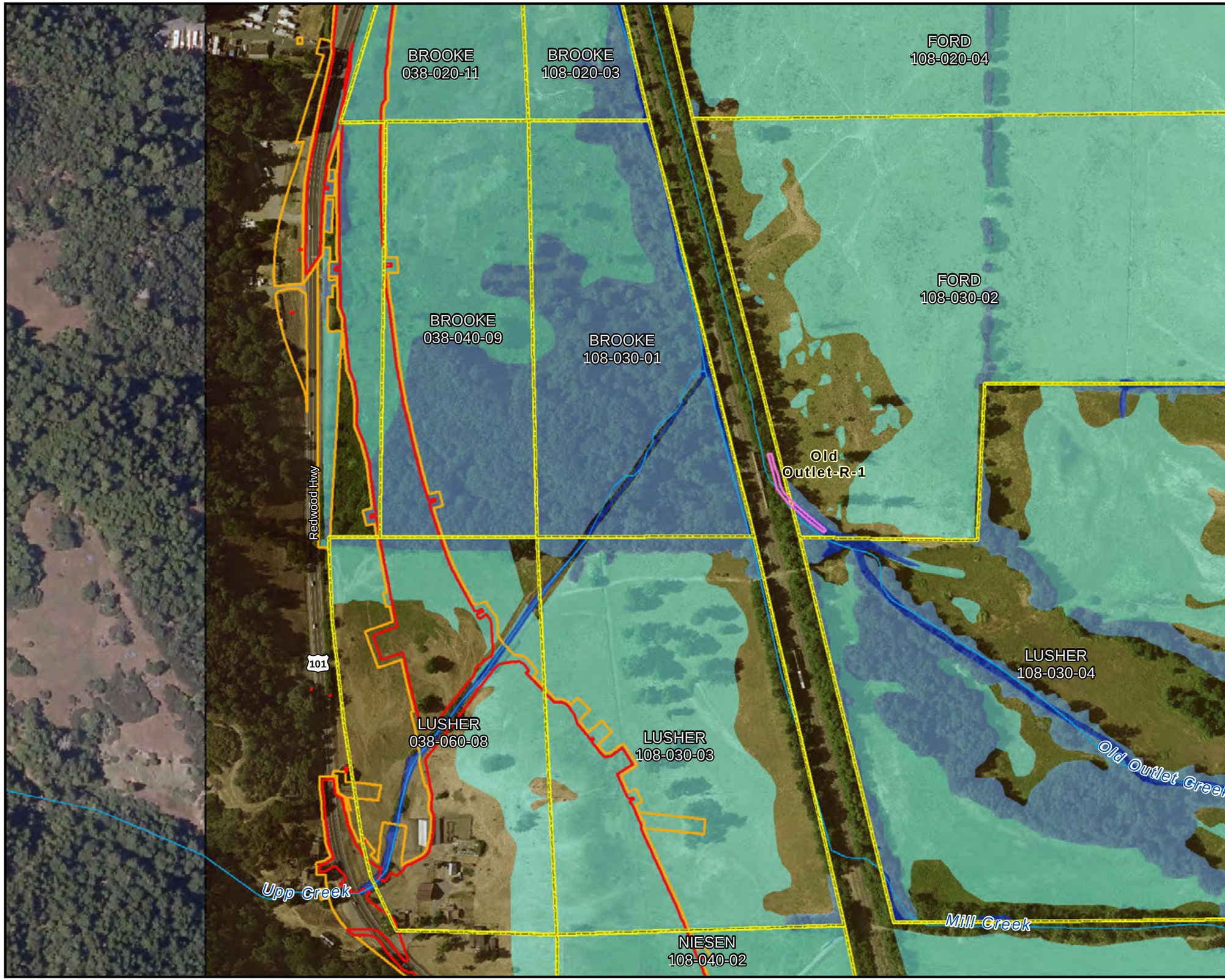
Sheet J-6

CRAM Riverine Assessment Areas

Benbow - 108-020-061;
Wildlands 108-020-07, 108-060-01,
& 108-060-02

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Existing Jurisdictional Wetlands

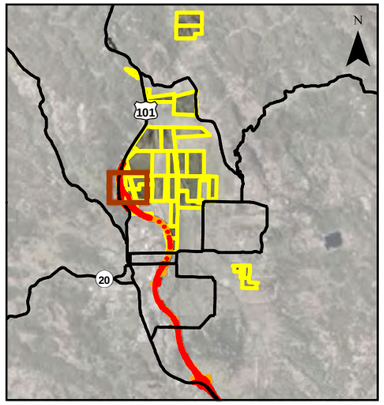
Wet Meadow; Mixed Marsh; Swale

Riparian Wetland

Other Waters

Riverine Assessment Locations

CRAM Riverine Assessment Areas



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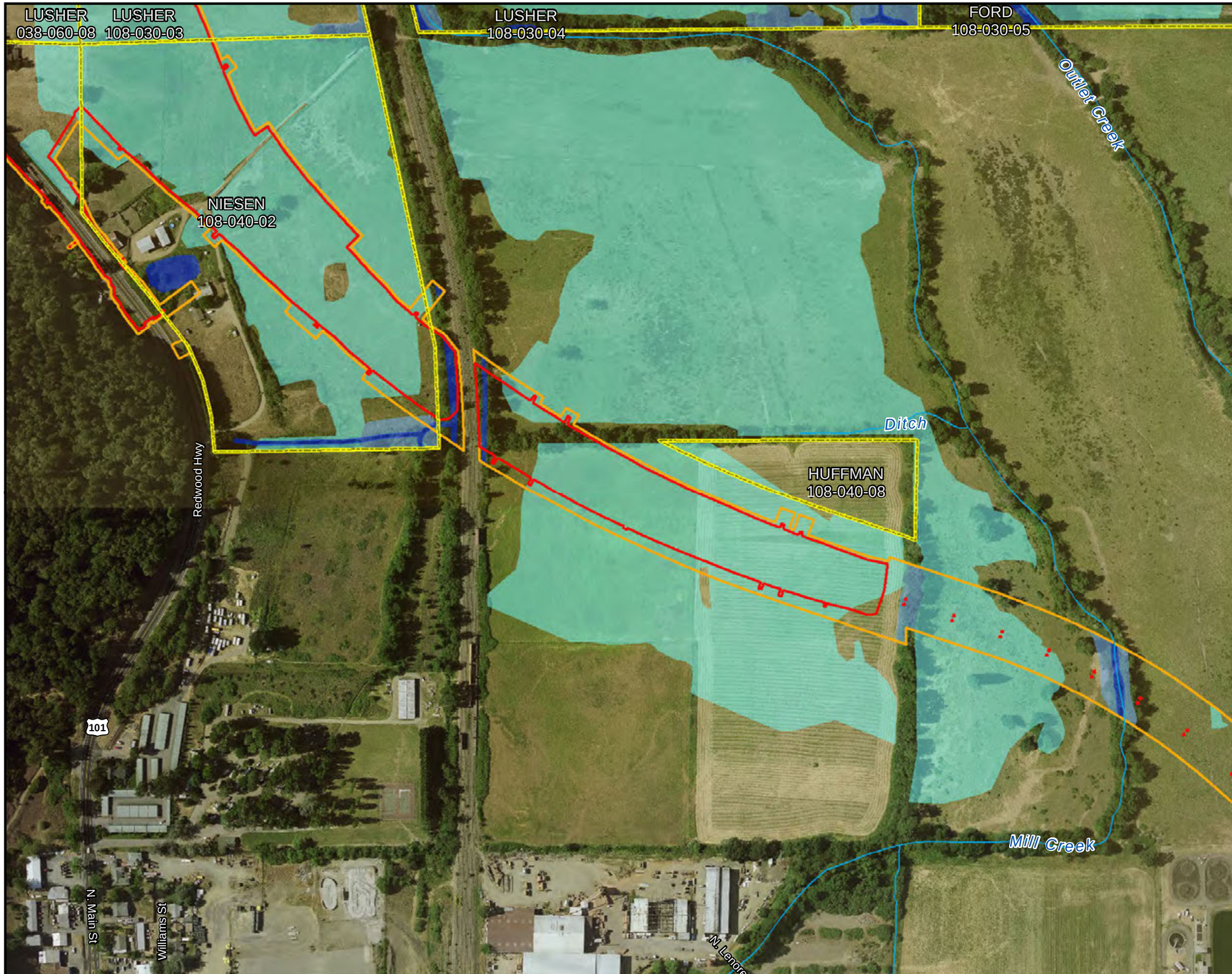
Sheet J-7

CRAM Riverine Assessment Areas

Brooke - 038-020-09 & 108-030-01; Ford - 108-030-02; Lusher - 038-060-08, 108-030-03, & 108-030-04

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Existing Jurisdictional Wetlands

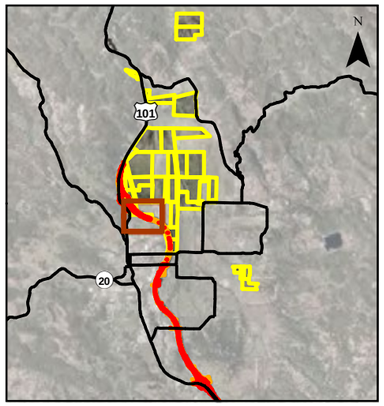
Wet Meadow; Mixed Marsh; Swale

Riparian Wetland

Other Waters

Riverine Assessment Locations

CRAM Riverine Assessment Areas



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Sheet J-8

CRAM Riverine Assessment Areas

Niesen - 108-040-02
& Alignment Impacts

Willits Bypass Project

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Existing Jurisdictional Wetlands

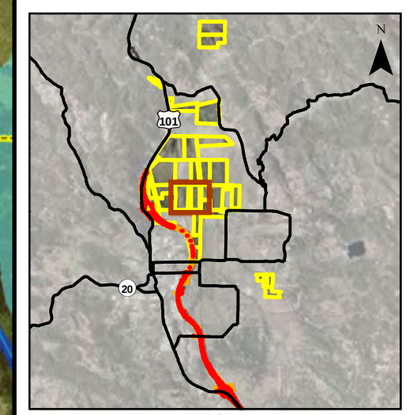
Wet Meadow; Mixed Marsh; Swale

Riparian Wetland

Other Waters

Riverine Assessment Locations

CRAM Riverine Assessment Areas



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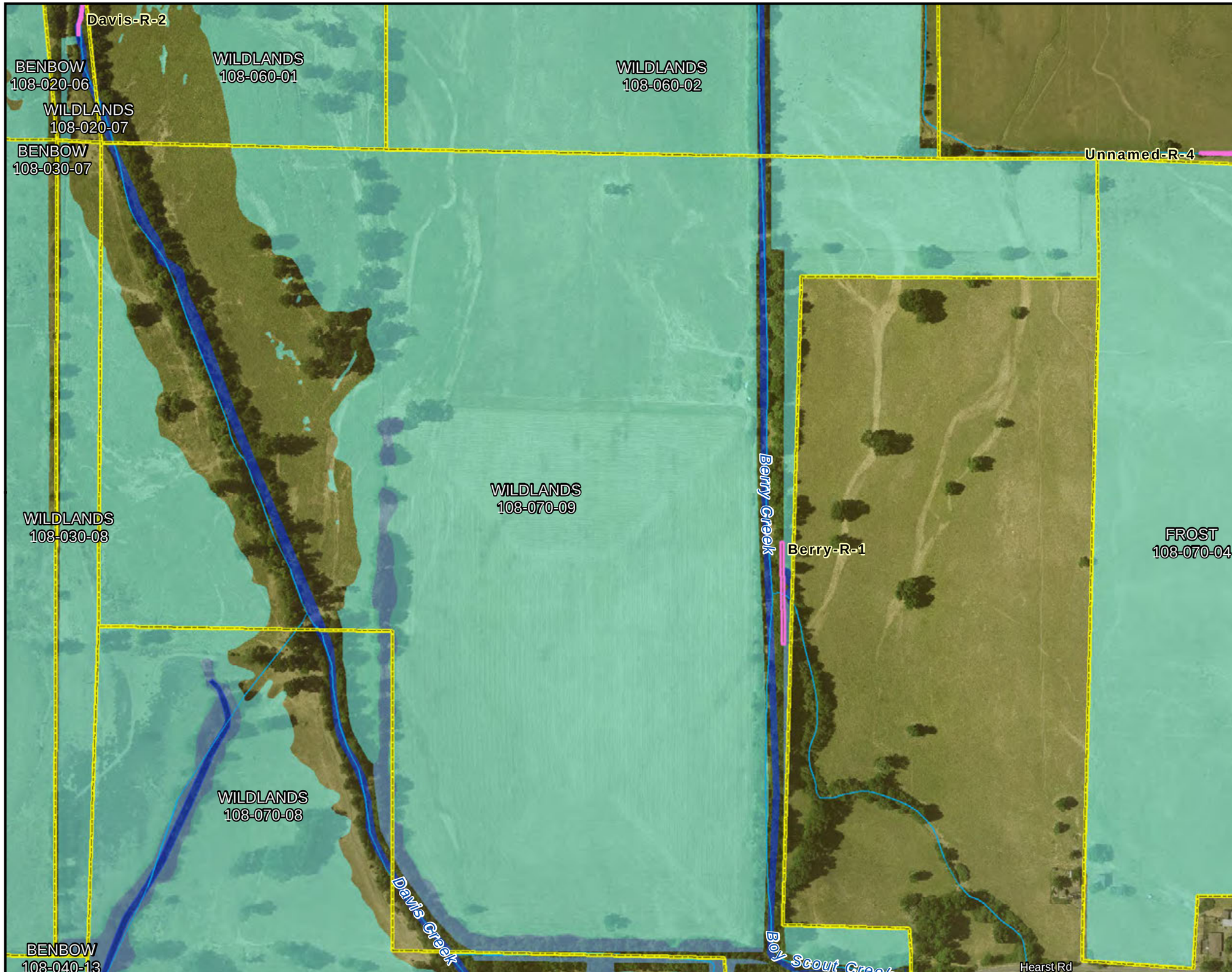
Sheet J-9

CRAM Riverine Assessment Areas

Ford - 108-030-05;
Benbow - 108-030-07;
Wildlands 108-030-08

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Existing Jurisdictional Wetlands

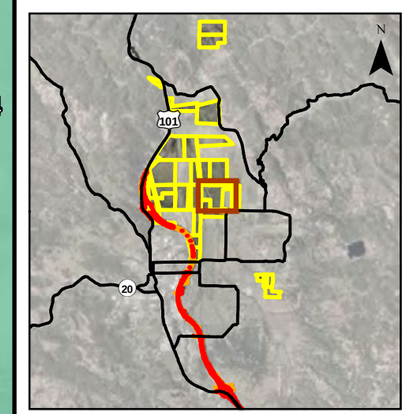
Wet Meadow; Mixed Marsh; Swale

Riparian Wetland

Other Waters

Riverine Assessment Locations

CRAM Riverine Assessment Areas



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Sheet J-10

CRAM Riverine Assessment Areas

Wildlands - 108-070-09

Willits Bypass Project

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Existing Jurisdictional Wetlands

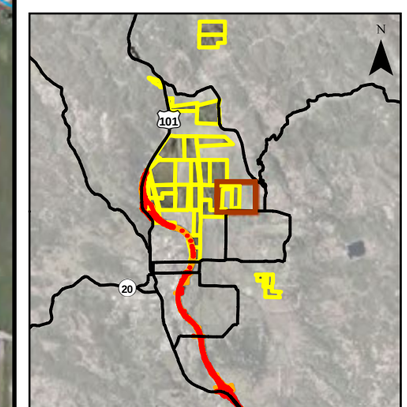
Wet Meadow; Mixed Marsh; Swale

Riparian Wetland

Other Waters

Riverine Assessment Locations

CRAM Riverine Assessment Areas



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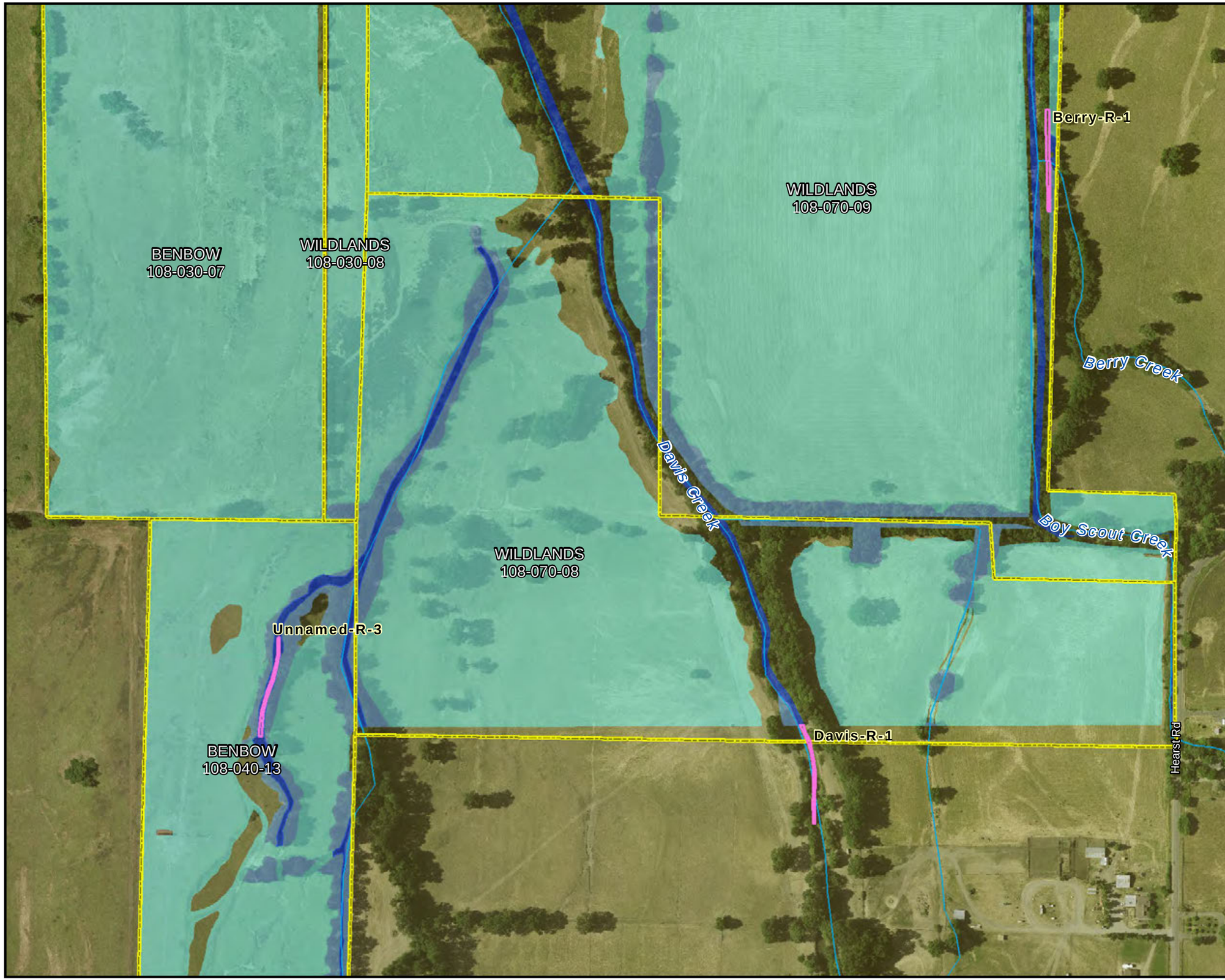
Sheet J-11

CRAM Riverine Assessment Areas

Frost - 108-070-04

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Existing Jurisdictional Wetlands

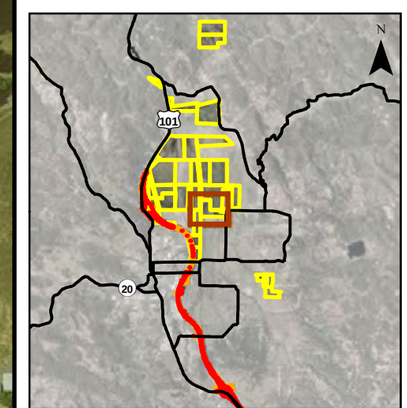
Wet Meadow; Mixed Marsh; Swale

Riparian Wetland

Other Waters

Riverine Assessment Locations

CRAM Riverine Assessment Areas



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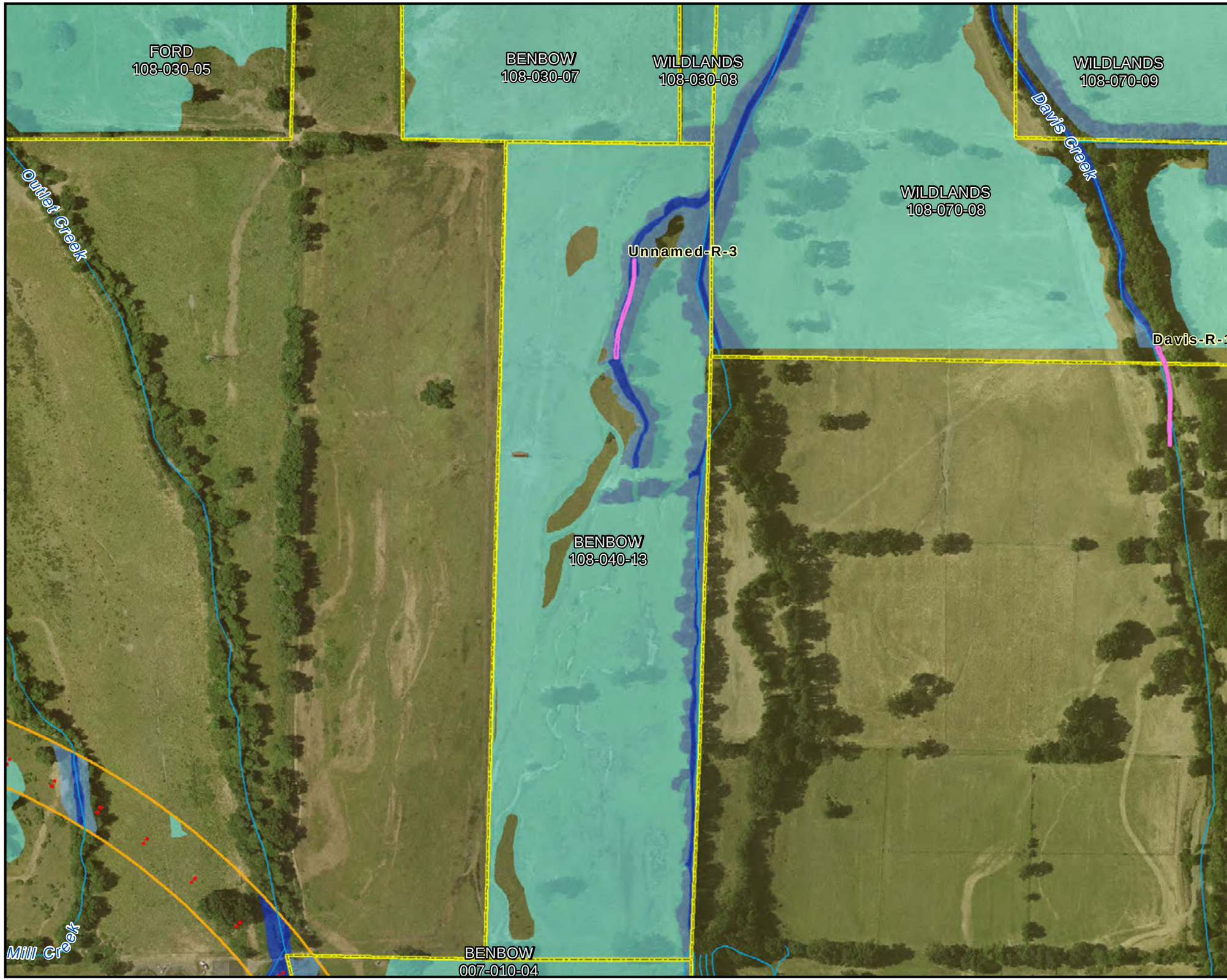
Sheet J-12

CRAM Riverine Assessment Areas

Wildlands - 108-070-08

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Existing Jurisdictional Wetlands

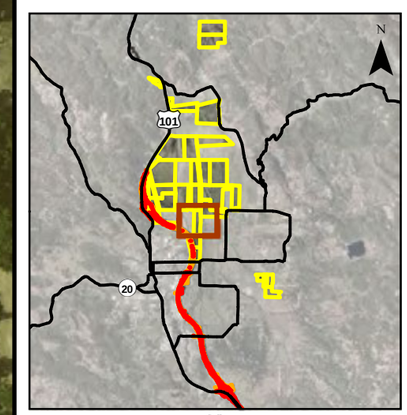
Wet Meadow; Mixed Marsh; Swale

Riparian Wetland

Other Waters

Riverine Assessment Locations

CRAM Riverine Assessment Areas



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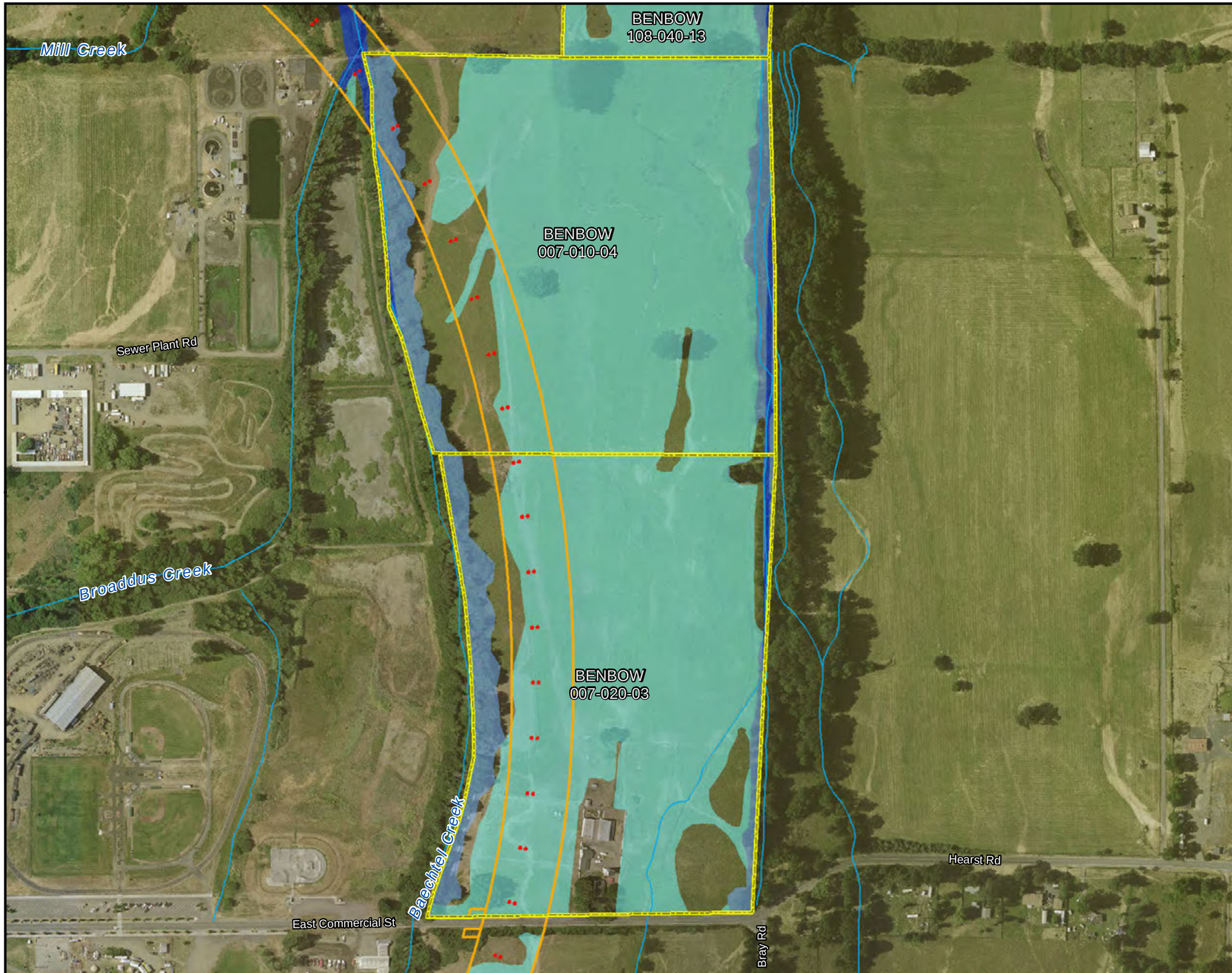
Sheet J-13

CRAM Riverine Assessment Areas

Benbow - 108-040-13

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Existing Jurisdictional Wetlands

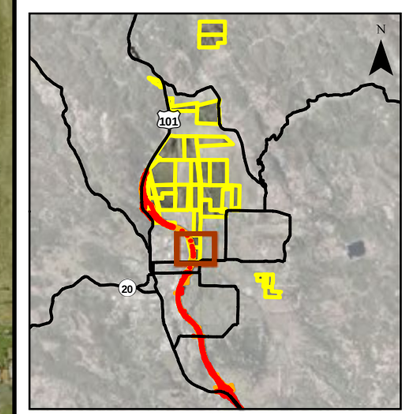
Wet Meadow; Mixed Marsh; Swale

Riparian Wetland

Other Waters

Riverine Assessment Locations

CRAM Riverine Assessment Areas



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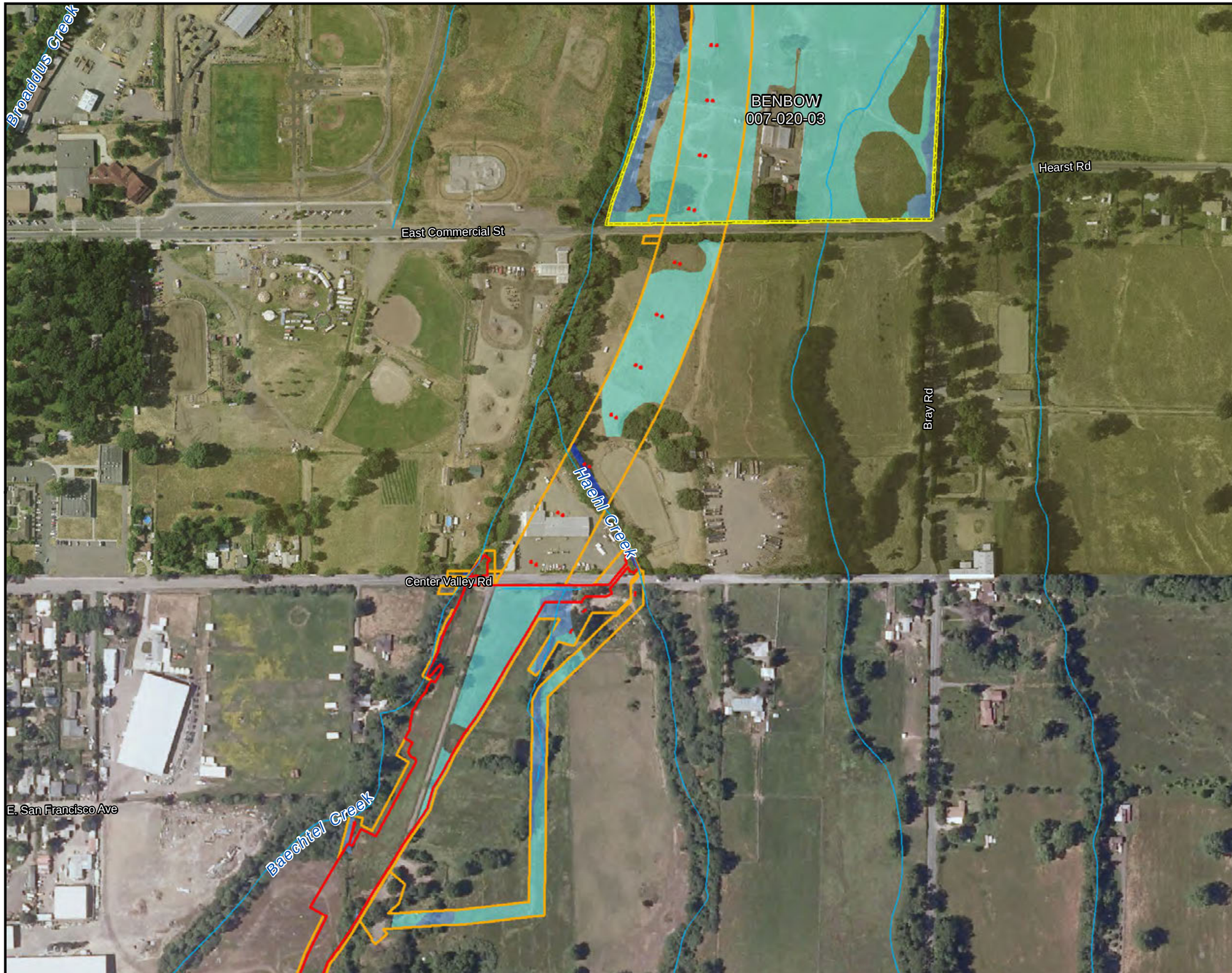
Sheet J-14

CRAM Riverine Assessment Areas

Benbow - 007-010-04 & 007-02-03

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Existing Jurisdictional Wetlands

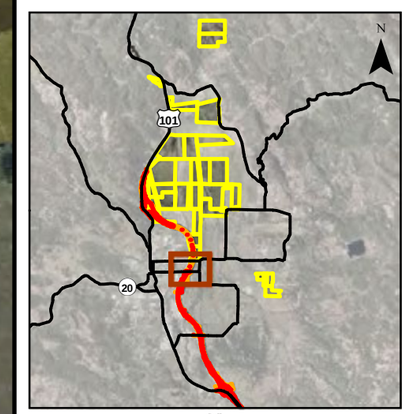
Wet Meadow; Mixed Marsh; Swale

Riparian Wetland

Other Waters

Riverine Assessment Locations

CRAM Riverine Assessment Areas



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Sheet J-15

CRAM Riverine Assessment Areas

Alignment Impact Area 1

Willits Bypass Project

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Existing Jurisdictional Wetlands

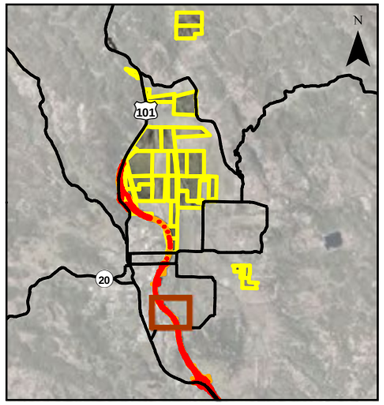
Wet Meadow; Mixed Marsh; Swale

Riparian Wetland

Other Waters

Riverine Assessment Locations

CRAM Riverine Assessment Areas



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Sheet J-16

CRAM Riverine Assessment Areas

Alignment Impact Area 2

Willits Bypass Project

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Existing Jurisdictional Wetlands

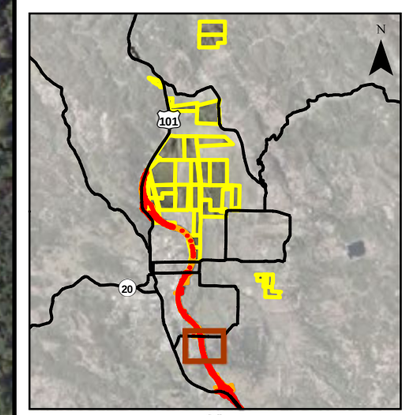
Wet Meadow; Mixed Marsh; Swale

Riparian Wetland

Other Waters

Riverine Assessment Locations

CRAM Riverine Assessment Areas



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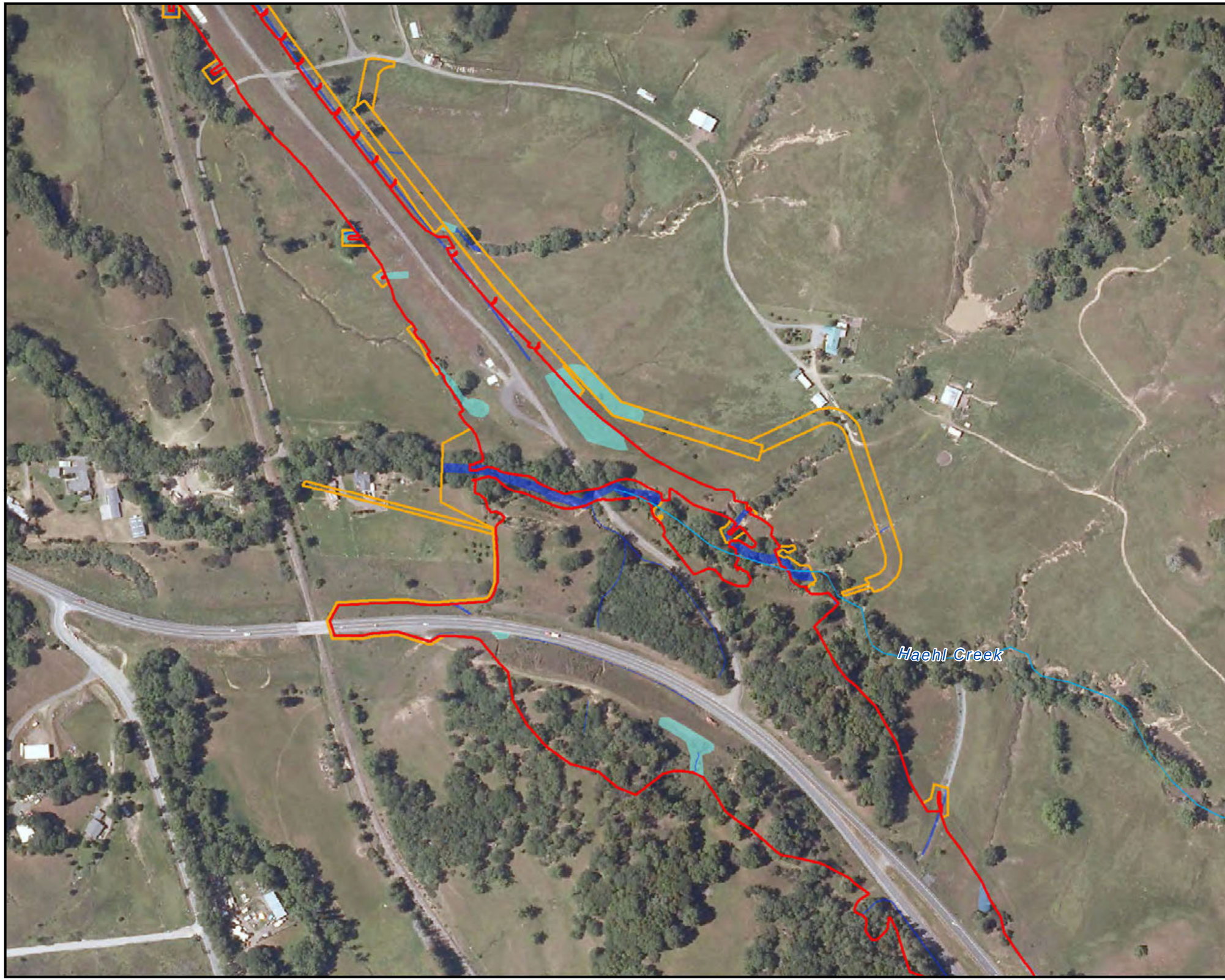
Sheet J-17

CRAM Riverine Assessment Areas

Alignment Impact Area 3

Willits Bypass Project



Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact Area

Temporary Impact Area

Existing Jurisdictional Wetlands

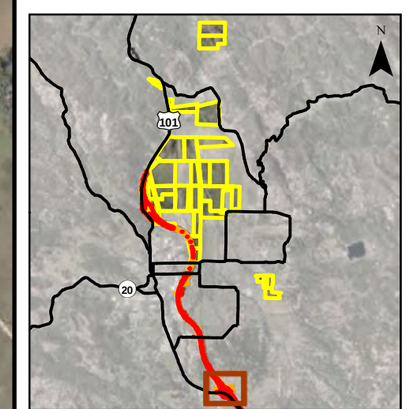
Wet Meadow; Mixed Marsh; Swale

Riparian Wetland

Other Waters

Riverine Assessment Locations

CRAM Riverine Assessment Areas



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Sheet J-18

CRAM Riverine Assessment Areas

Alignment Impact Area 4

Willits Bypass Project

Legend

Selected CRAM Assessment Areas Sampled in 2011

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact

Temporary Impact

Listed Plants

North Coast Semaphore Grass Observed

ICF 2010

Baker's Meadowfoam Observed

URS 2006

Caltrans 2007

Caltrans 2007, URS 2009

ICF J&S 2009

ICF J&S 2009, Caltrans 2007

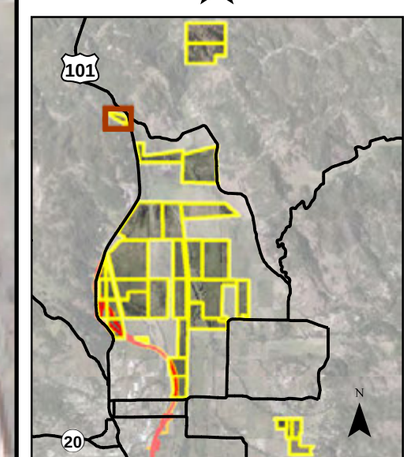
ICF J&S 2009, URS 2009

ICF J&S 2009, URS 2009, Caltrans 2007

URS 2009

ICF 2011

N



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Feet

Sheet K-1

Special Status Plants

Huff

APN 037-240-RW

Willits Bypass Project

Legend

Selected CRAM Assessment Areas Sampled in 2011

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact

Temporary Impact

Listed Plants

North Coast Semaphore Grass Observed

ICF 2010

Baker's Meadowfoam Observed

URS 2006

Caltrans 2007

Caltrans 2007, URS 2009

ICF J&S 2009

ICF J&S 2009, Caltrans 2007

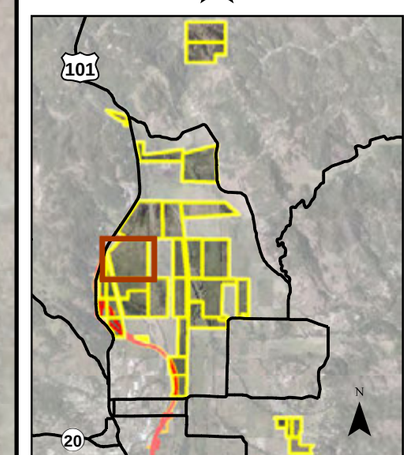
ICF J&S 2009, URS 2009

ICF J&S 2009, URS 2009, Caltrans 2007

URS 2009

ICF 2011

N



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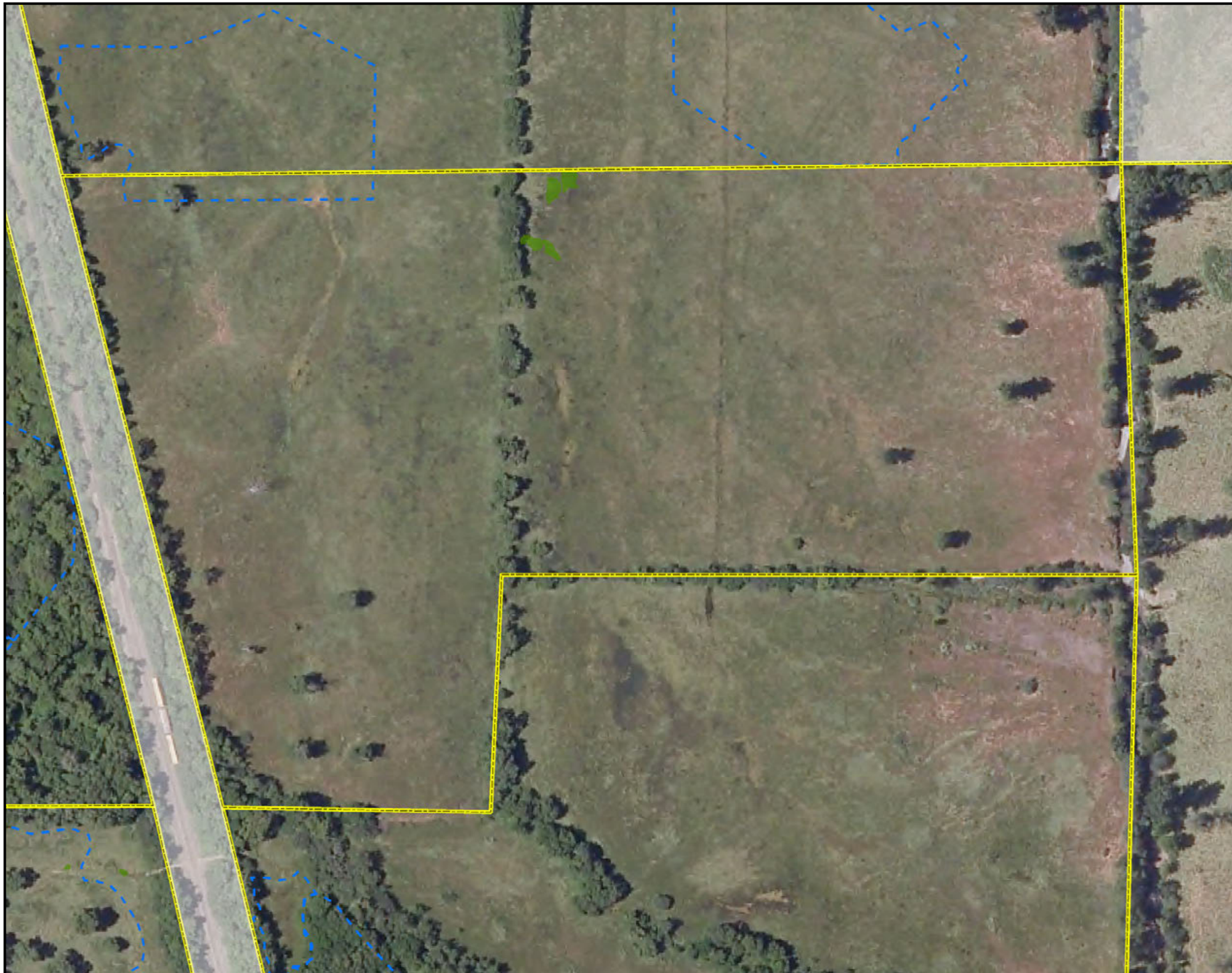
Feet

Sheet K-10
Special Status Plants
Ford

APN 108-020-04

Willits Bypass Project



Legend

- Selected CRAM Assessment Areas Sampled in 2011
- Offsite Mitigation Parcel

Project Bypass Footprint

- Permanent Impact
- Temporary Impact

Listed Plants

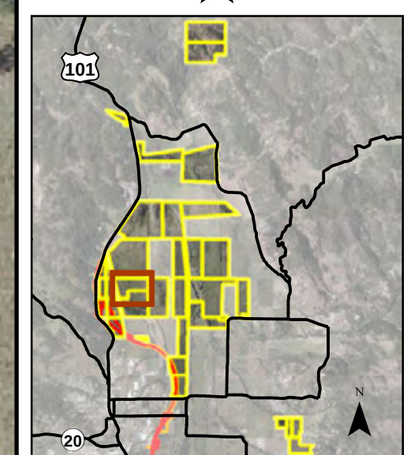
North Coast Semaphore Grass Observed

- ICF 2010

Baker's Meadowfoam Observed

- URS 2006
- Caltrans 2007
- Caltrans 2007, URS 2009
- ICF J&S 2009
- ICF J&S 2009, Caltrans 2007
- ICF J&S 2009, URS 2009
- ICF J&S 2009, URS 2009, Caltrans 2007
- URS 2009
- ICF 2011

N



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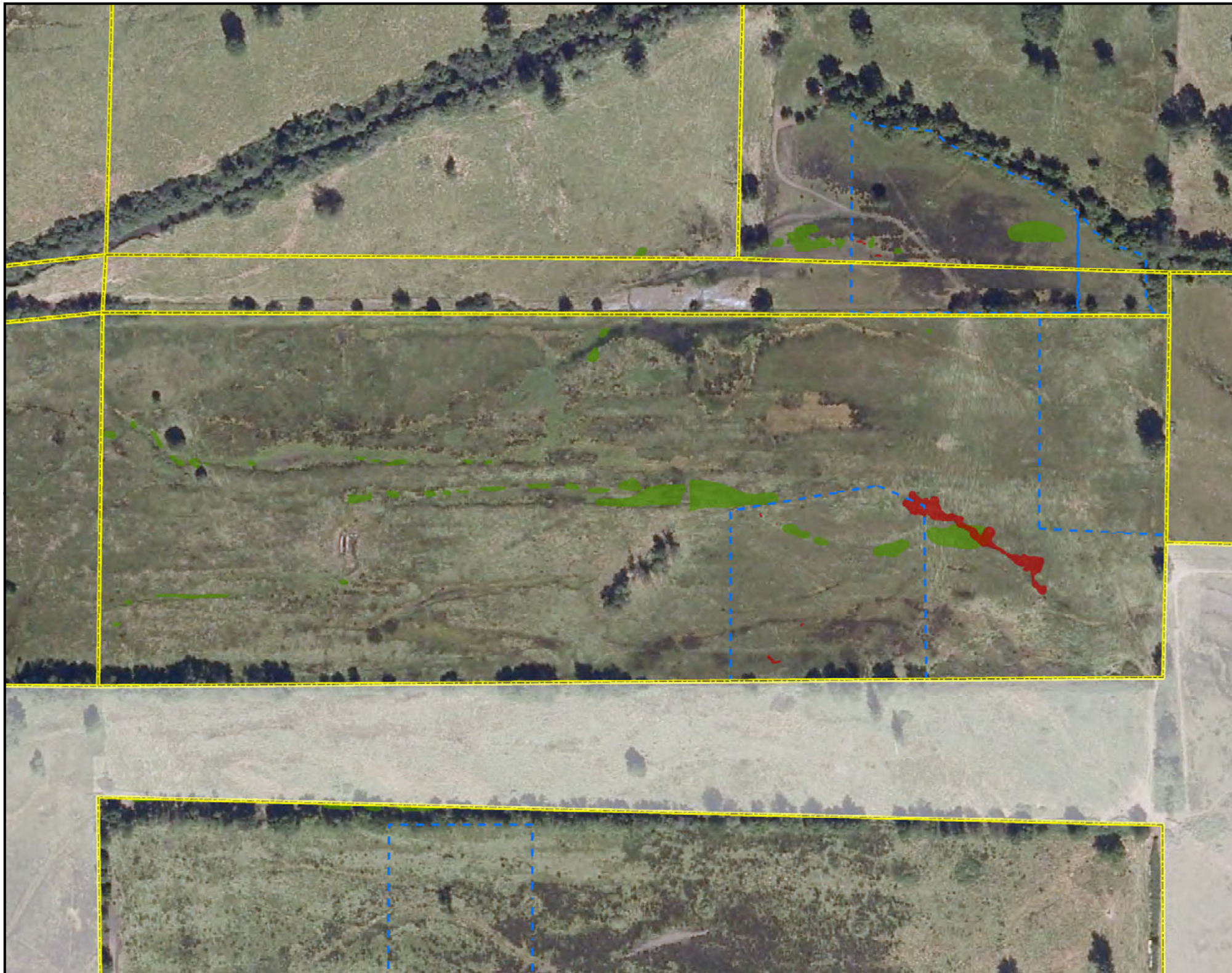
Feet

Sheet K-11
Special Status Plants
Ford

APN 108-030-02

Willits Bypass Project



Legend

- Selected CRAM Assessment Areas Sampled in 2011
- Offsite Mitigation Parcel

Project Bypass Footprint

- Permanent Impact
- Temporary Impact

Listed Plants

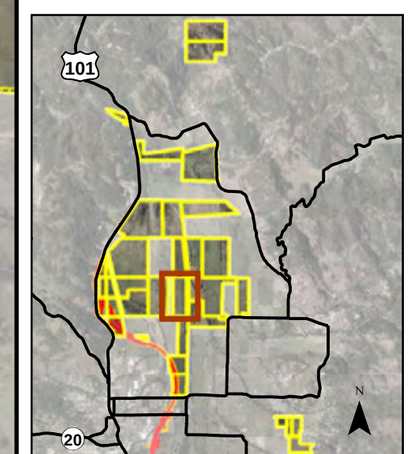
North Coast Semaphore Grass Observed

- ICF 2010

Baker's Meadowfoam Observed

- URS 2006
- Caltrans 2007
- Caltrans 2007, URS 2009
- ICF J&S 2009
- ICF J&S 2009, Caltrans 2007
- ICF J&S 2009, URS 2009
- ICF J&S 2009, URS 2009, Caltrans 2007
- URS 2009
- ICF 2011

N



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Feet

Sheet K-12
Special Status Plants
Benbow

APN 108-030-07

Willits Bypass Project

Legend

- Selected CRAM Assessment Areas Sampled in 2011
- Offsite Mitigation Parcel

Project Bypass Footprint

- Permanent Impact
- Temporary Impact

Listed Plants

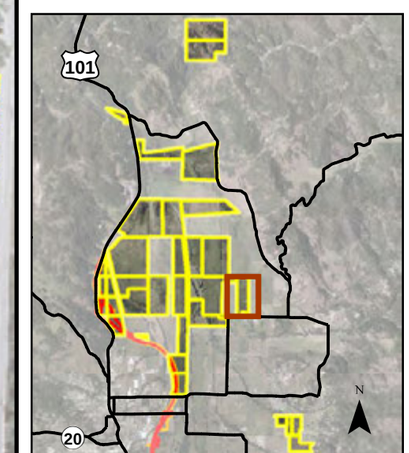
North Coast Semaphore Grass Observed

- ICF 2010

Baker's Meadowfoam Observed

- URS 2006
- Caltrans 2007
- Caltrans 2007, URS 2009
- ICF J&S 2009
- ICF J&S 2009, Caltrans 2007
- ICF J&S 2009, URS 2009
- ICF J&S 2009, URS 2009, Caltrans 2007
- URS 2009
- ICF 2011

N



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Feet

Sheet K-13

Special Status Plants

Frost

APN 108-070-04

Willits Bypass Project

Legend

- Selected CRAM Assessment Areas Sampled in 2011
- Offsite Mitigation Parcel

Project Bypass Footprint

- Permanent Impact
- Temporary Impact

Listed Plants

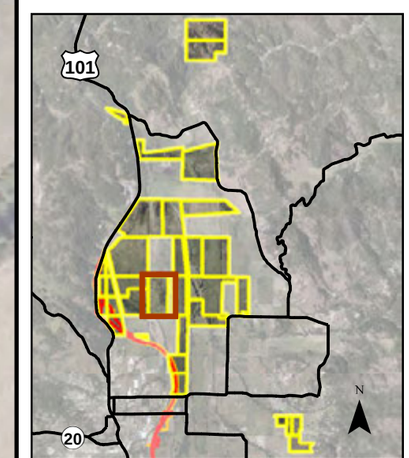
North Coast Semaphore Grass Observed

- ICF 2010

Baker's Meadowfoam Observed

- URS 2006
- Caltrans 2007
- Caltrans 2007, URS 2009
- ICF J&S 2009
- ICF J&S 2009, Caltrans 2007
- ICF J&S 2009, URS 2009
- ICF J&S 2009, URS 2009, Caltrans 2007
- URS 2009
- ICF 2011

N



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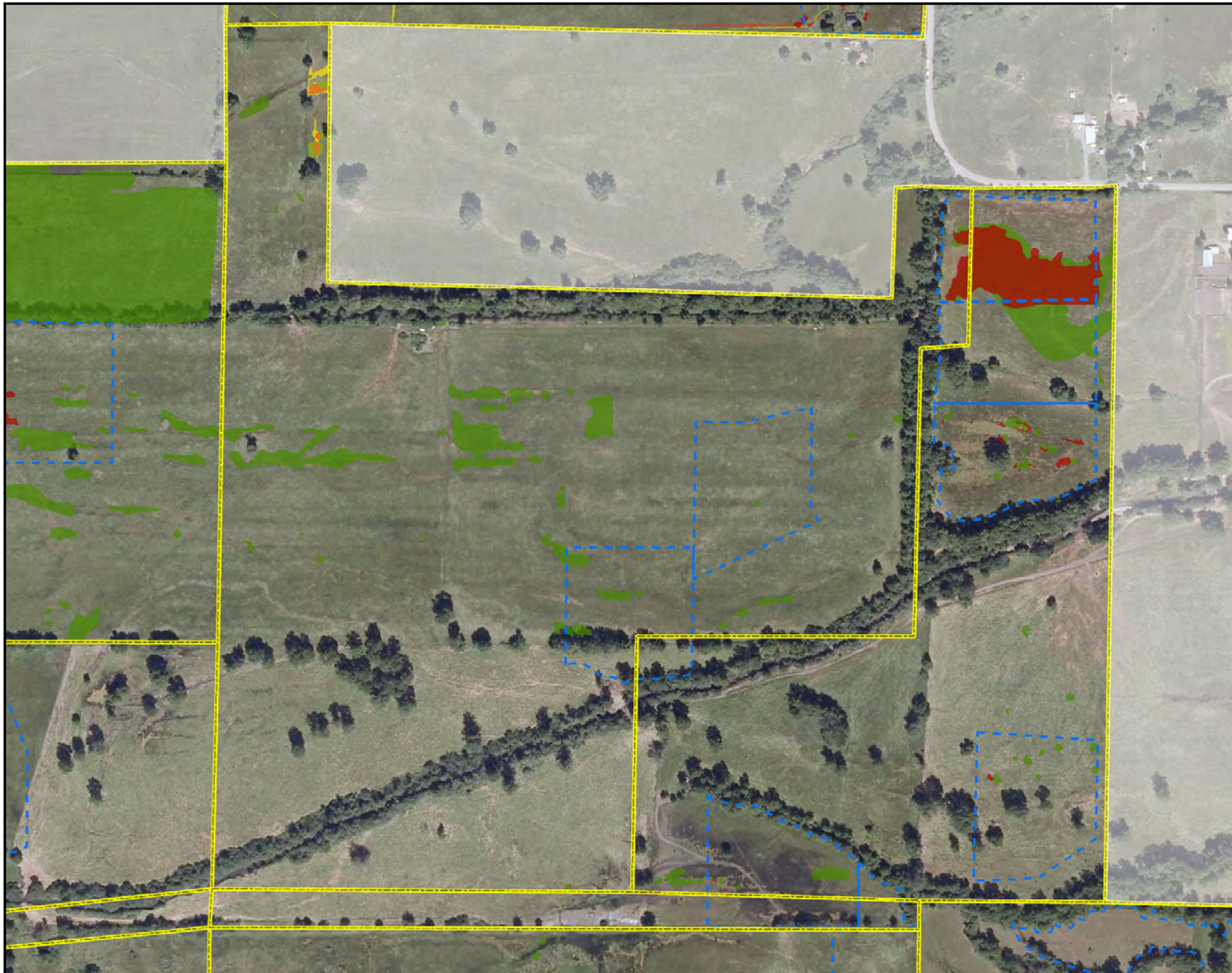
Feet

Sheet K-14
Special Status Plants
Ford

APN 108-030-05

Willits Bypass Project



Legend

Selected CRAM Assessment Areas Sampled in 2011

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact

Temporary Impact

Listed Plants

North Coast Semaphore Grass Observed

ICF 2010

Baker's Meadowfoam Observed

URS 2006

Caltrans 2007

Caltrans 2007, URS 2009

ICF J&S 2009

ICF J&S 2009, Caltrans 2007

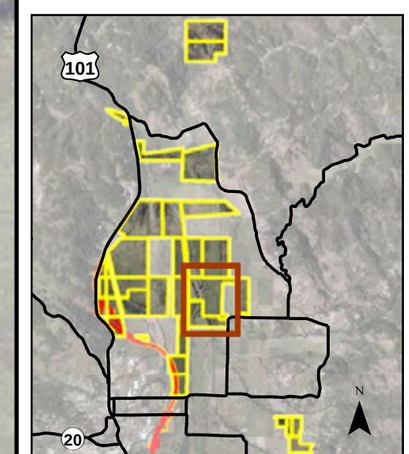
ICF J&S 2009, URS 2009

ICF J&S 2009, URS 2009, Caltrans 2007

URS 2009

ICF 2011

N



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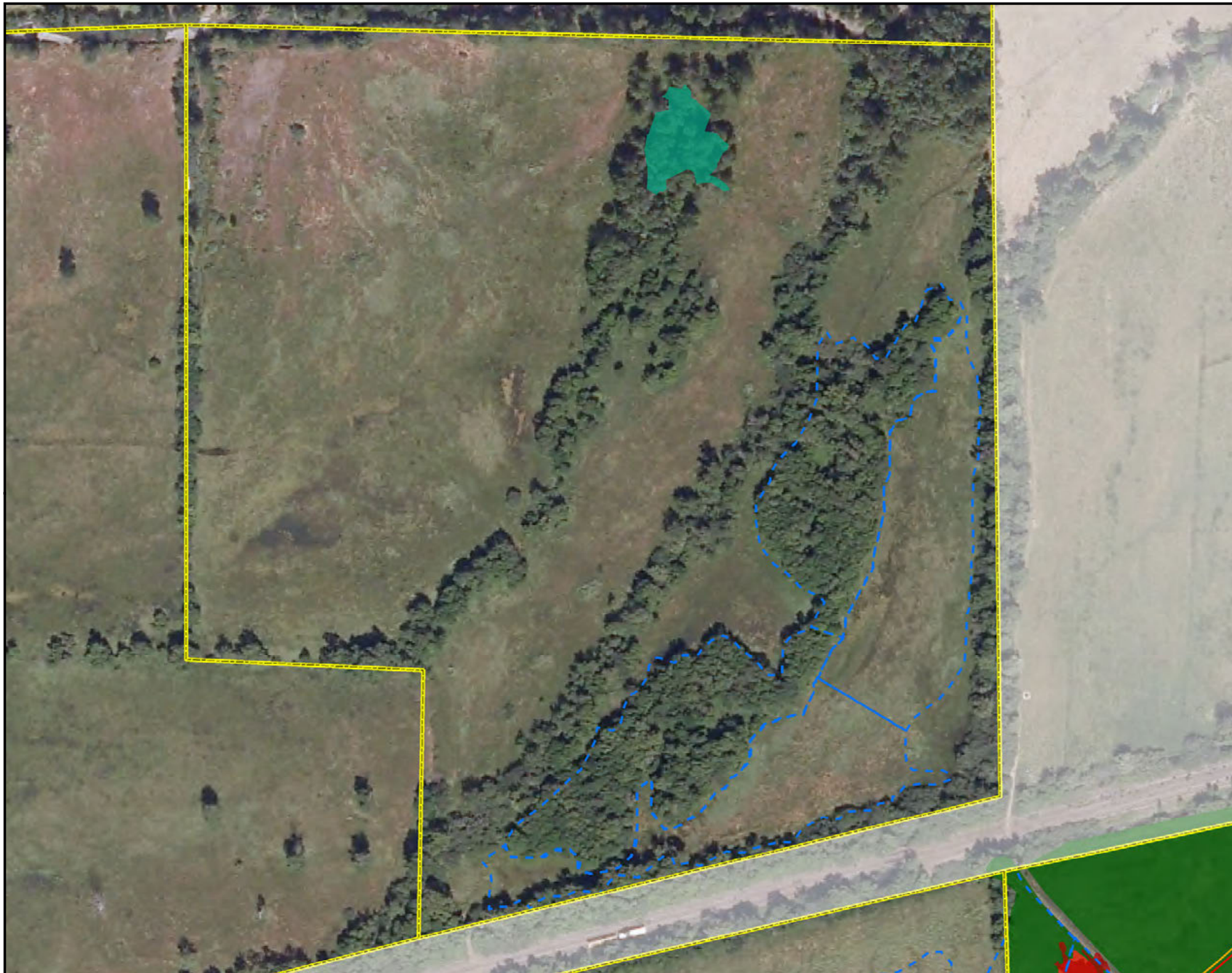
Feet

Sheet K-15

Special Status Plants
Wildlands

APNs 108-030-08, 108-070-08, & 108-070-09

Willits Bypass Project



Legend

Selected CRAM Assessment Areas Sampled in 2011

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact

Temporary Impact

Listed Plants

North Coast Semaphore Grass Observed

ICF 2010

Baker's Meadowfoam Observed

URS 2006

Caltrans 2007

Caltrans 2007, URS 2009

ICF J&S 2009

ICF J&S 2009, Caltrans 2007

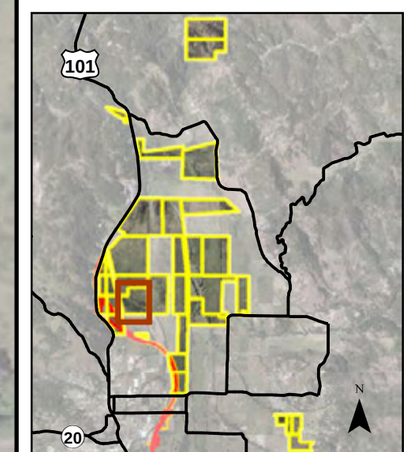
ICF J&S 2009, URS 2009

ICF J&S 2009, URS 2009, Caltrans 2007

URS 2009

ICF 2011

N



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Feet

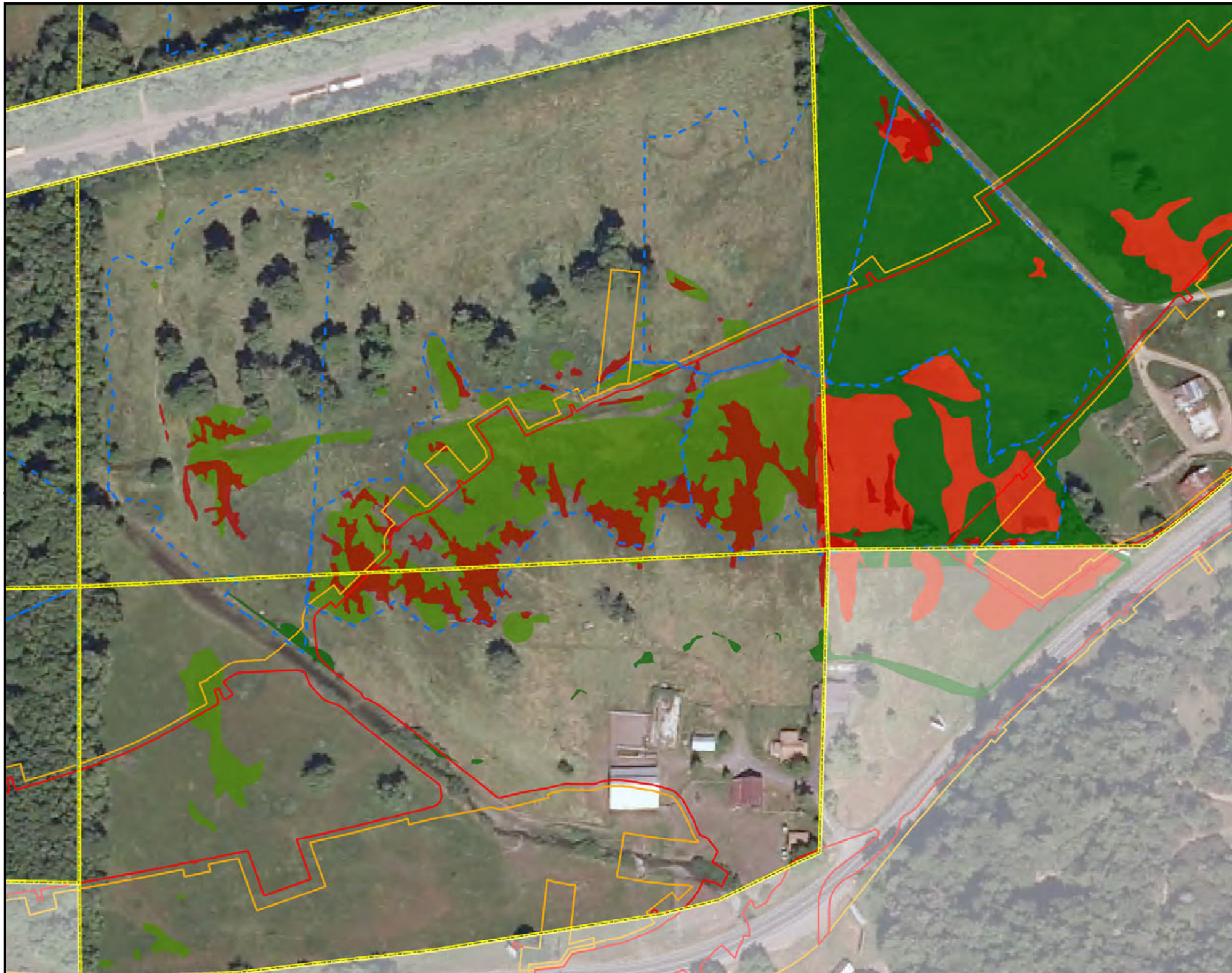
Sheet K-16

Special Status Plants

Lusher

APN 108-030-04

Willits Bypass Project



Legend

Selected CRAM Assessment Areas Sampled in 2011

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact

Temporary Impact

Listed Plants

North Coast Semaphore Grass Observed

ICF 2010

Baker's Meadowfoam Observed

URS 2006

Caltrans 2007

Caltrans 2007, URS 2009

ICF J&S 2009

ICF J&S 2009, Caltrans 2007

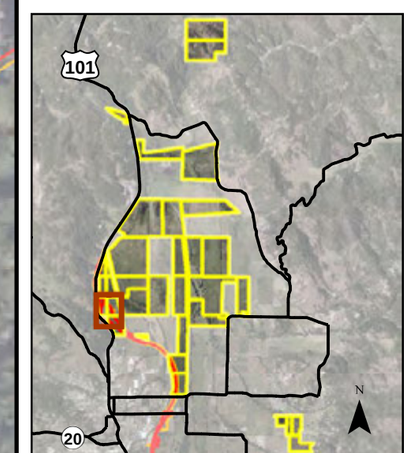
ICF J&S 2009, URS 2009

ICF J&S 2009, URS 2009, Caltrans 2007

URS 2009

ICF 2011

N



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Feet

Sheet K-17

Special Status Plants

Lusher

APNs 108-030-03 & 038-060-08

Willits Bypass Project

Legend

Selected CRAM Assessment Areas Sampled in 2011

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact

Temporary Impact

Listed Plants

North Coast Semaphore Grass Observed

ICF 2010

Baker's Meadowfoam Observed

URS 2006

Caltrans 2007

Caltrans 2007, URS 2009

ICF J&S 2009

ICF J&S 2009, Caltrans 2007

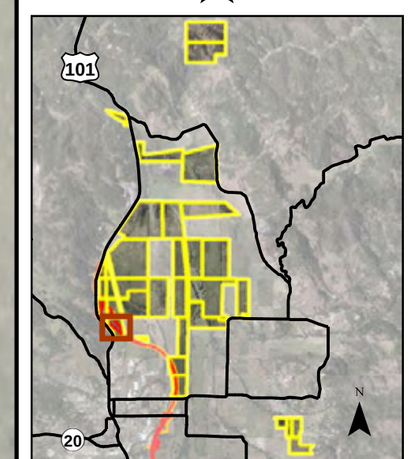
ICF J&S 2009, URS 2009

ICF J&S 2009, URS 2009, Caltrans 2007

URS 2009

ICF 2011

N



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Feet

Sheet K-18
Special Status Plants
Niesen

APN 108-040-02

Willits Bypass Project

Legend

Selected CRAM Assessment Areas Sampled in 2011

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact

Temporary Impact

Listed Plants

North Coast Semaphore Grass Observed

ICF 2010

Baker's Meadowfoam Observed

URS 2006

Caltrans 2007

Caltrans 2007, URS 2009

ICF J&S 2009

ICF J&S 2009, Caltrans 2007

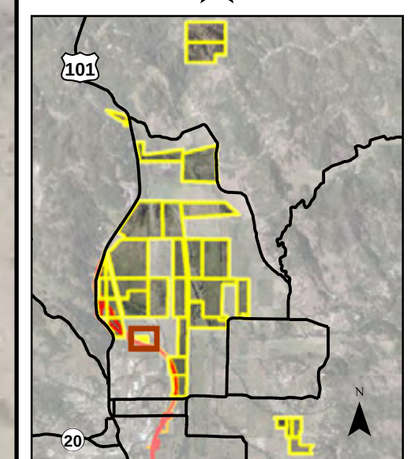
ICF J&S 2009, URS 2009

ICF J&S 2009, URS 2009, Caltrans 2007

URS 2009

ICF 2011

N



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Feet

Sheet K-19

Special Status Plants

Huffman

APN 108-040-08

Willits Bypass Project

Legend

- Selected CRAM Assessment Areas Sampled in 2011
- Offsite Mitigation Parcel

Project Bypass Footprint

- Permanent Impact
- Temporary Impact

Listed Plants

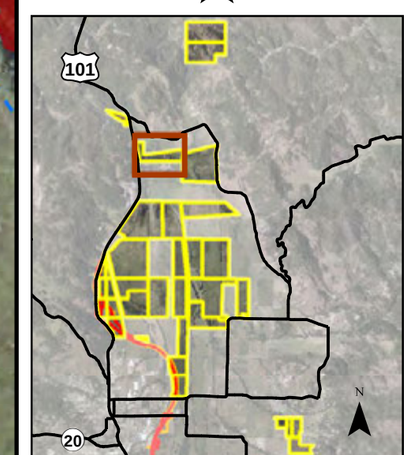
North Coast Semaphore Grass Observed

- ICF 2010

Baker's Meadowfoam Observed

- URS 2006
- Caltrans 2007
- Caltrans 2007, URS 2009
- ICF J&S 2009
- ICF J&S 2009, Caltrans 2007
- ICF J&S 2009, URS 2009
- ICF J&S 2009, URS 2009, Caltrans 2007
- URS 2009
- ICF 2011

N



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Feet

Sheet K-2
Special Status Plants
Watson

APN 037-250-05

Willits Bypass Project

Legend

- Selected CRAM Assessment Areas Sampled in 2011
- Offsite Mitigation Parcel

Project Bypass Footprint

- Permanent Impact
- Temporary Impact

Listed Plants

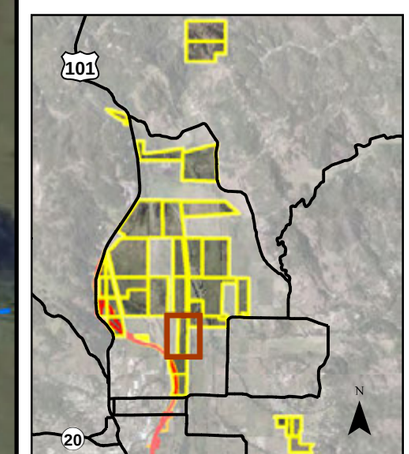
North Coast Semaphore Grass Observed

- ICF 2010

Baker's Meadowfoam Observed

- URS 2006
- Caltrans 2007
- Caltrans 2007, URS 2009
- ICF J&S 2009
- ICF J&S 2009, Caltrans 2007
- ICF J&S 2009, URS 2009
- ICF J&S 2009, URS 2009, Caltrans 2007
- URS 2009
- ICF 2011

N



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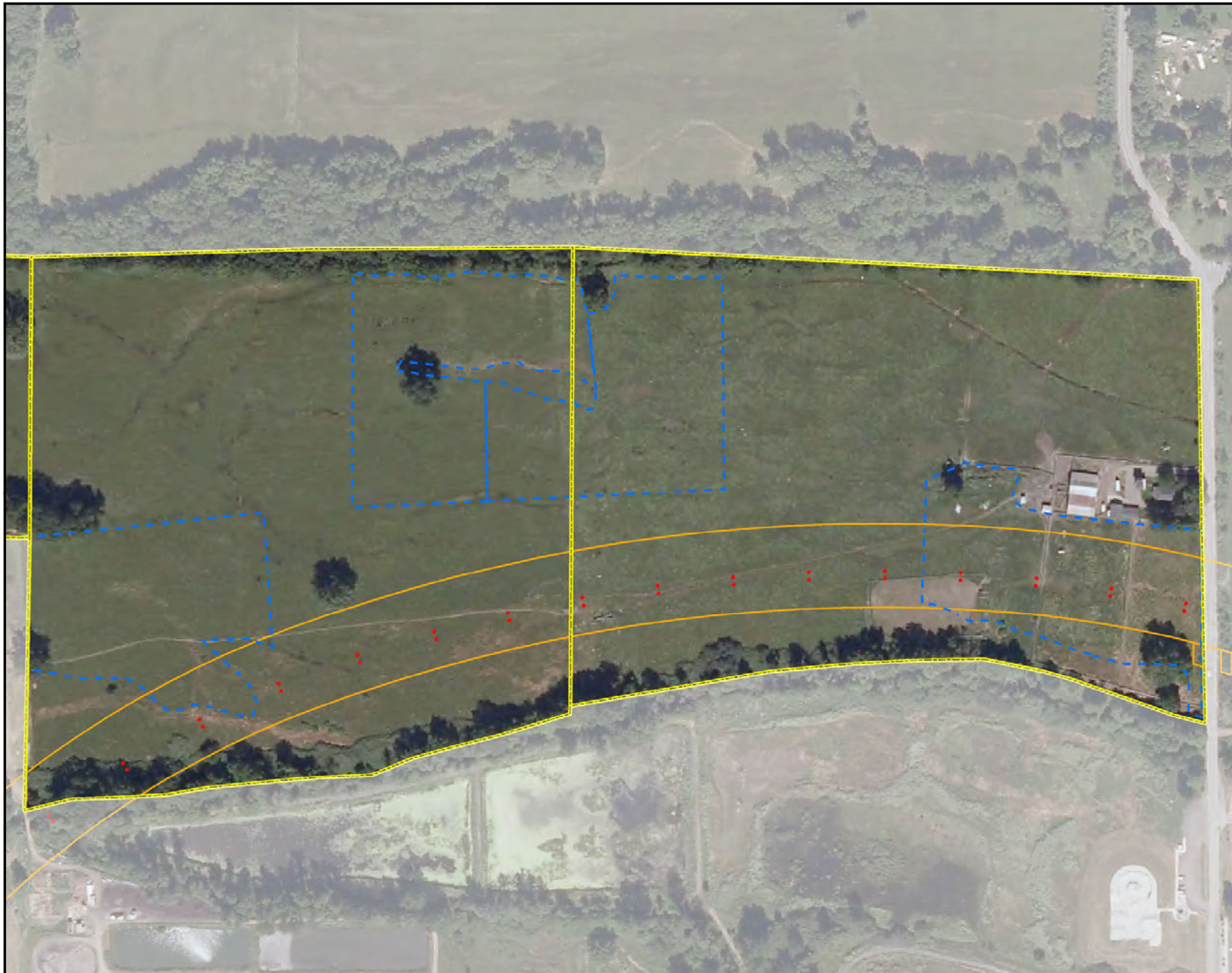
Feet

Sheet K-20
Special Status Plants
Benbow

APN 108-040-13

Willits Bypass Project



Legend

- Selected CRAM Assessment Areas Sampled in 2011
- Offsite Mitigation Parcel

Project Bypass Footprint

- Permanent Impact
- Temporary Impact

Listed Plants

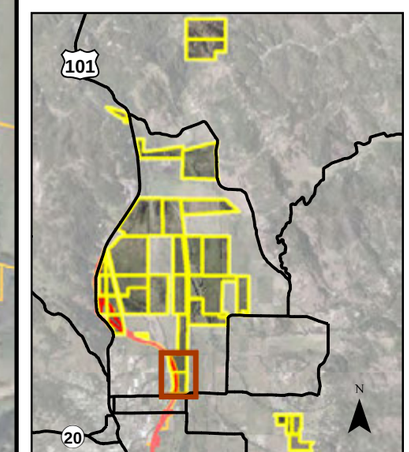
North Coast Semaphore Grass Observed

- ICF 2010

Baker's Meadowfoam Observed

- URS 2006
- Caltrans 2007
- Caltrans 2007, URS 2009
- ICF J&S 2009
- ICF J&S 2009, Caltrans 2007
- ICF J&S 2009, URS 2009
- ICF J&S 2009, URS 2009, Caltrans 2007
- URS 2009
- ICF 2011

N



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Feet

Sheet K-21
Special Status Plants
Benbow

APNs 007-010-04 & 007-020-03

Willits Bypass Project

Legend

Selected CRAM Assessment Areas Sampled in 2011

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact

Temporary Impact

Listed Plants

North Coast Semaphore Grass Observed

ICF 2010

Baker's Meadowfoam Observed

URS 2006

Caltrans 2007

Caltrans 2007, URS 2009

ICF J&S 2009

ICF J&S 2009, Caltrans 2007

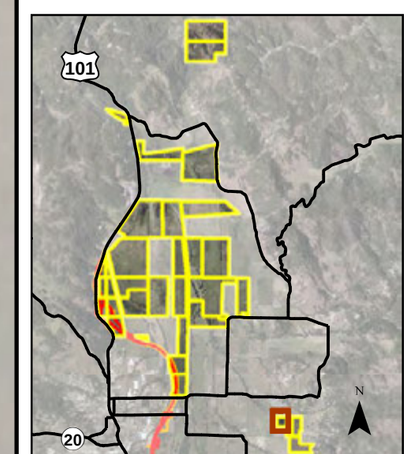
ICF J&S 2009, URS 2009

ICF J&S 2009, URS 2009, Caltrans 2007

URS 2009

ICF 2011

N



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Feet

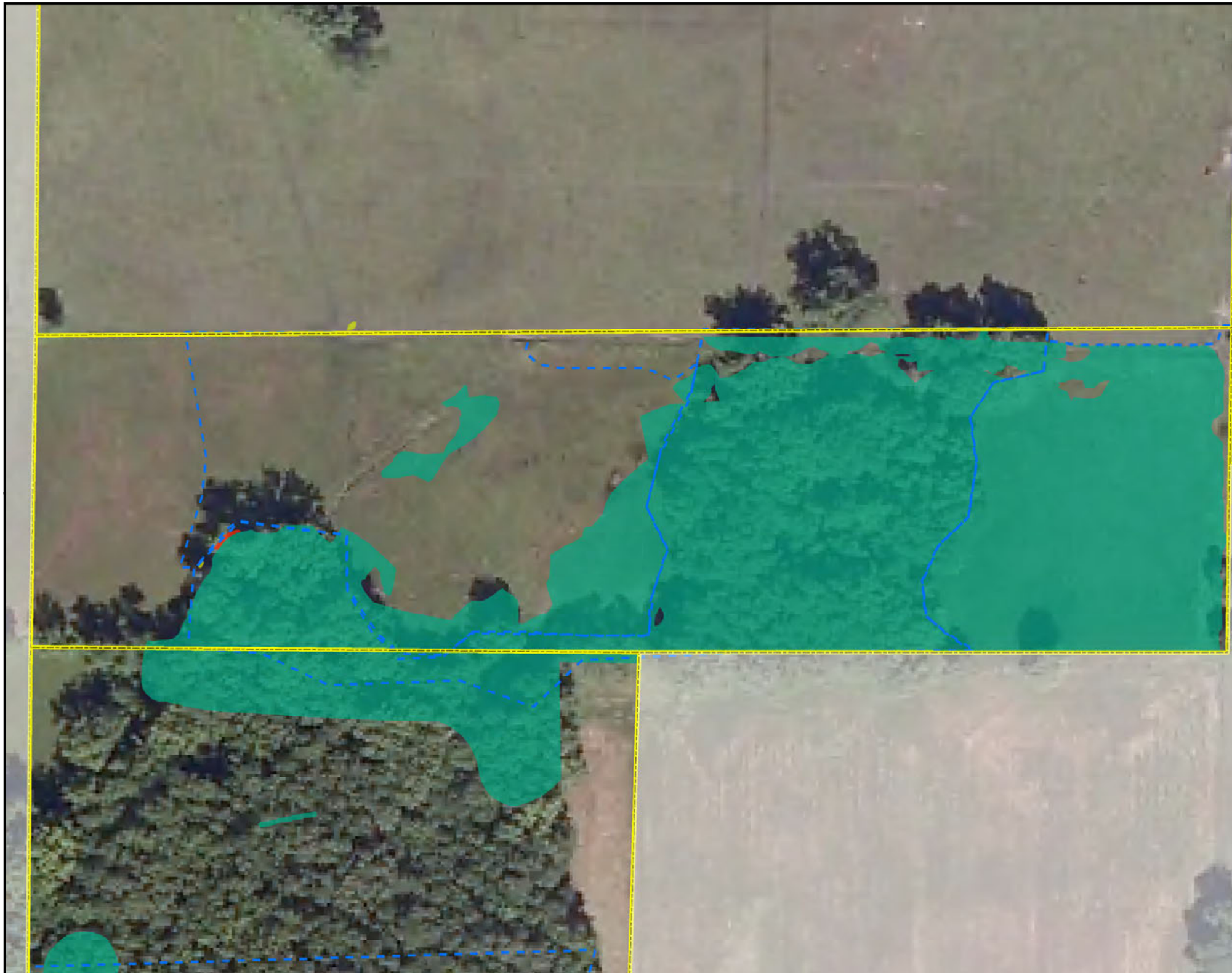
Sheet K-22

Special Status Plants

Arkelian

APN 103-230-04

Willits Bypass Project



Legend

Selected CRAM Assessment Areas Sampled in 2011

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact

Temporary Impact

Listed Plants

North Coast Semaphore Grass Observed

ICF 2010

Baker's Meadowfoam Observed

URS 2006

Caltrans 2007

Caltrans 2007, URS 2009

ICF J&S 2009

ICF J&S 2009, Caltrans 2007

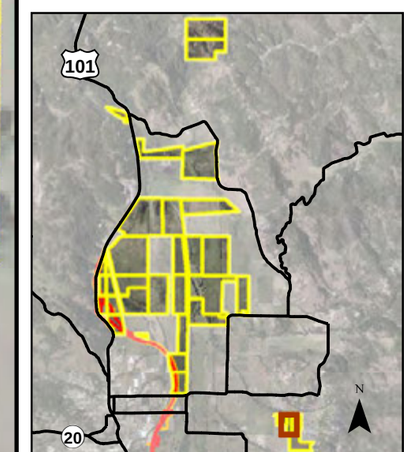
ICF J&S 2009, URS 2009

ICF J&S 2009, URS 2009, Caltrans 2007

URS 2009

ICF 2011

N



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Feet

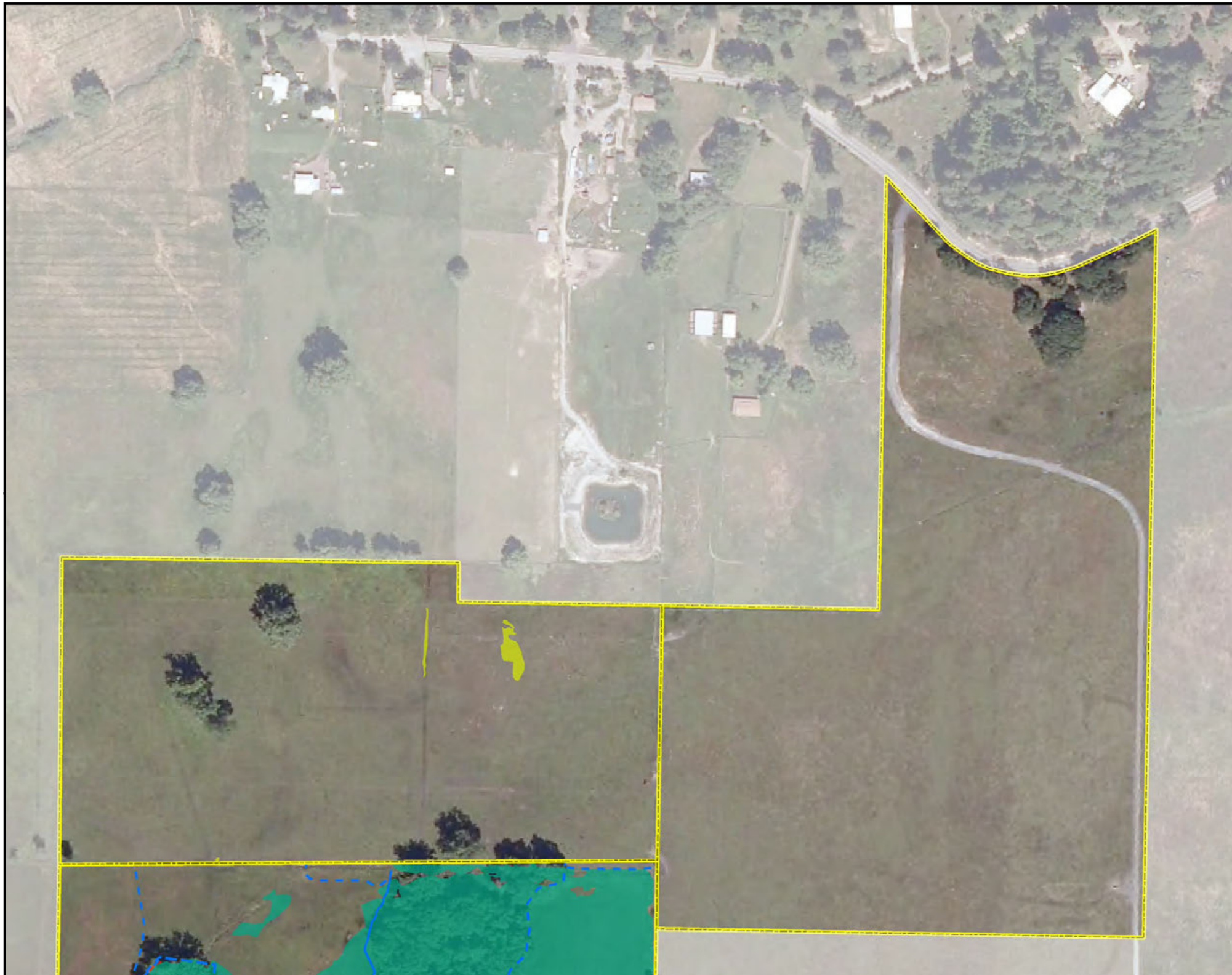
Sheet K-23

Special Status Plants

Goss

APN 103-230-02

Willits Bypass Project



Legend

Selected CRAM Assessment Areas Sampled in 2011

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact

Temporary Impact

Listed Plants

North Coast Semaphore Grass Observed

ICF 2010

Baker's Meadowfoam Observed

URS 2006

Caltrans 2007

Caltrans 2007, URS 2009

ICF J&S 2009

ICF J&S 2009, Caltrans 2007

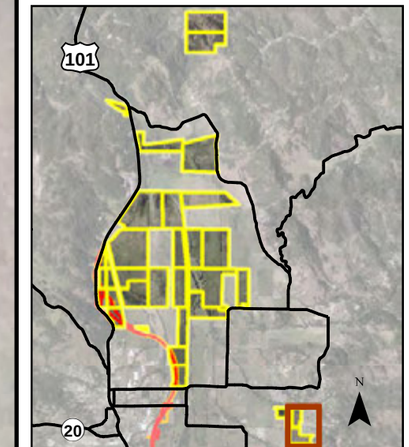
ICF J&S 2009, URS 2009

ICF J&S 2009, URS 2009, Caltrans 2007

URS 2009

ICF 2011

N



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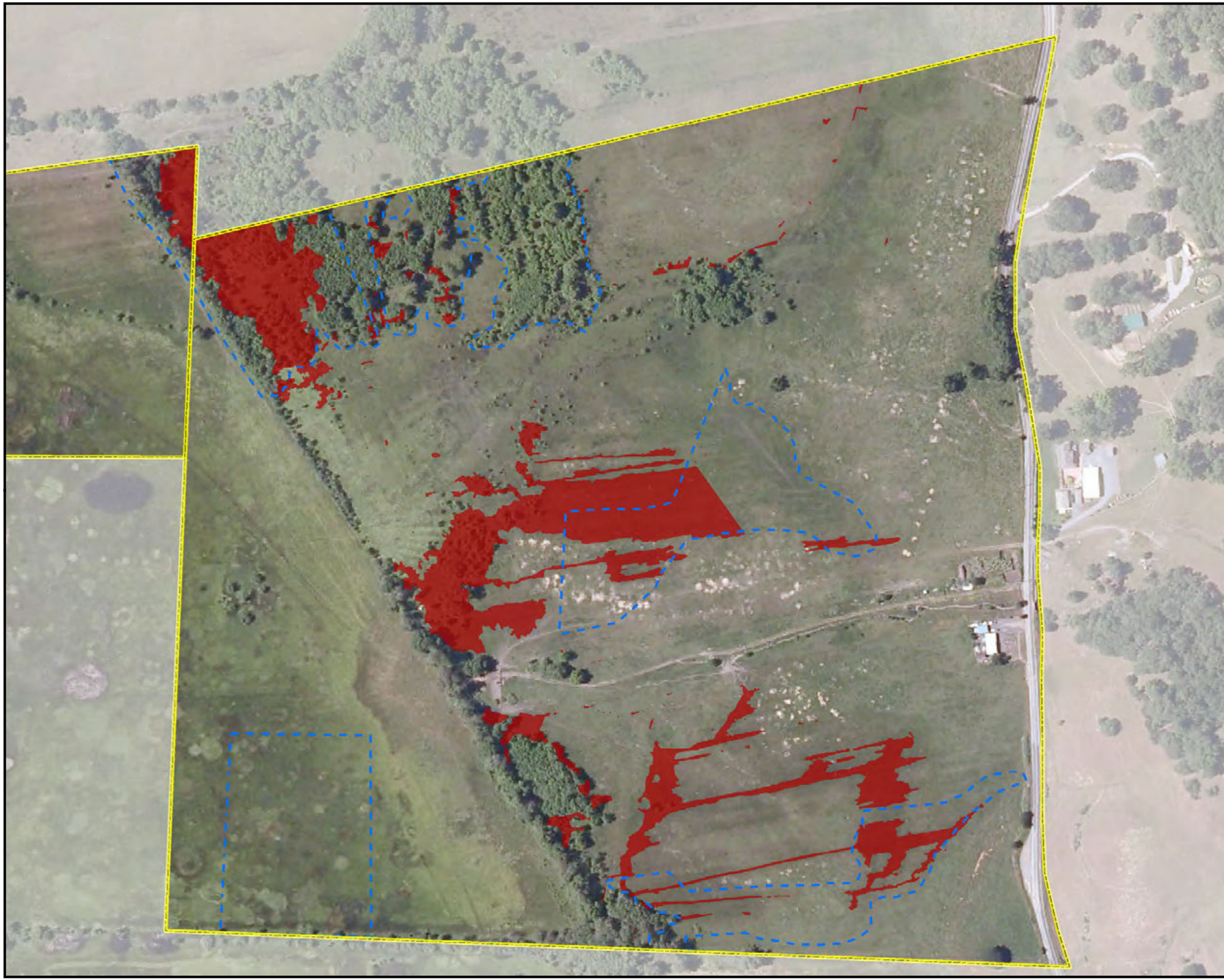
Feet

Sheet K-24

Special Status Plants
MGC Plasma-North & Middle

APNs 103-230-06 & 103-250-14

Willits Bypass Project



Legend

- Selected CRAM Assessment Areas Sampled in 2011
- Offsite Mitigation Parcel

Project Bypass Footprint

- Permanent Impact
- Temporary Impact

Listed Plants

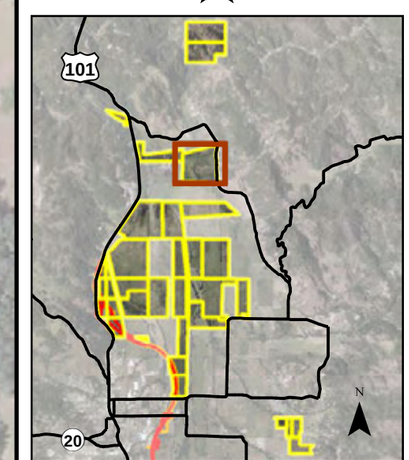
North Coast Semaphore Grass Observed

- ICF 2010

Baker's Meadowfoam Observed

- URS 2006
- Caltrans 2007
- Caltrans 2007, URS 2009
- ICF J&S 2009
- ICF J&S 2009, Caltrans 2007
- ICF J&S 2009, URS 2009
- ICF J&S 2009, URS 2009, Caltrans 2007
- URS 2009
- ICF 2011

N



0 200

Feet

Sheet K-3
Special Status Plants
Watson

APN 037-221-30

Willits Bypass Project

Legend

Selected CRAM Assessment Areas Sampled in 2011

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact

Temporary Impact

Listed Plants

North Coast Semaphore Grass Observed

ICF 2010

Baker's Meadowfoam Observed

URS 2006

Caltrans 2007

Caltrans 2007, URS 2009

ICF J&S 2009

ICF J&S 2009, Caltrans 2007

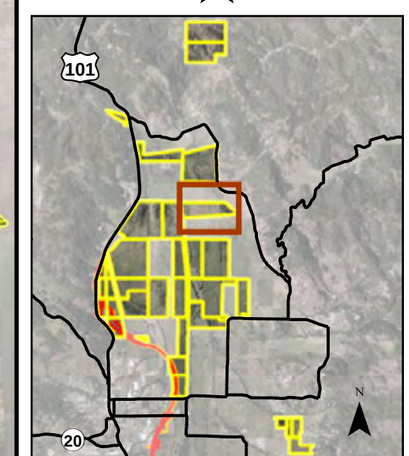
ICF J&S 2009, URS 2009

ICF J&S 2009, URS 2009, Caltrans 2007

URS 2009

ICF 2011

N



0 200

Feet

Sheet K-4

Special Status Plants

Nance

APN 108-050-06

Willits Bypass Project

Legend

- Selected CRAM Assessment Areas Sampled in 2011
- Offsite Mitigation Parcel

Project Bypass Footprint

- Permanent Impact
- Temporary Impact

Listed Plants

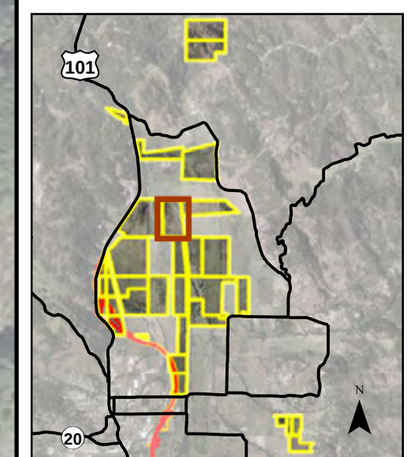
North Coast Semaphore Grass Observed

- ICF 2010

Baker's Meadowfoam Observed

- URS 2006
- Caltrans 2007
- Caltrans 2007, URS 2009
- ICF J&S 2009
- ICF J&S 2009, Caltrans 2007
- ICF J&S 2009, URS 2009
- ICF J&S 2009, URS 2009, Caltrans 2007
- URS 2009
- ICF 2011

N



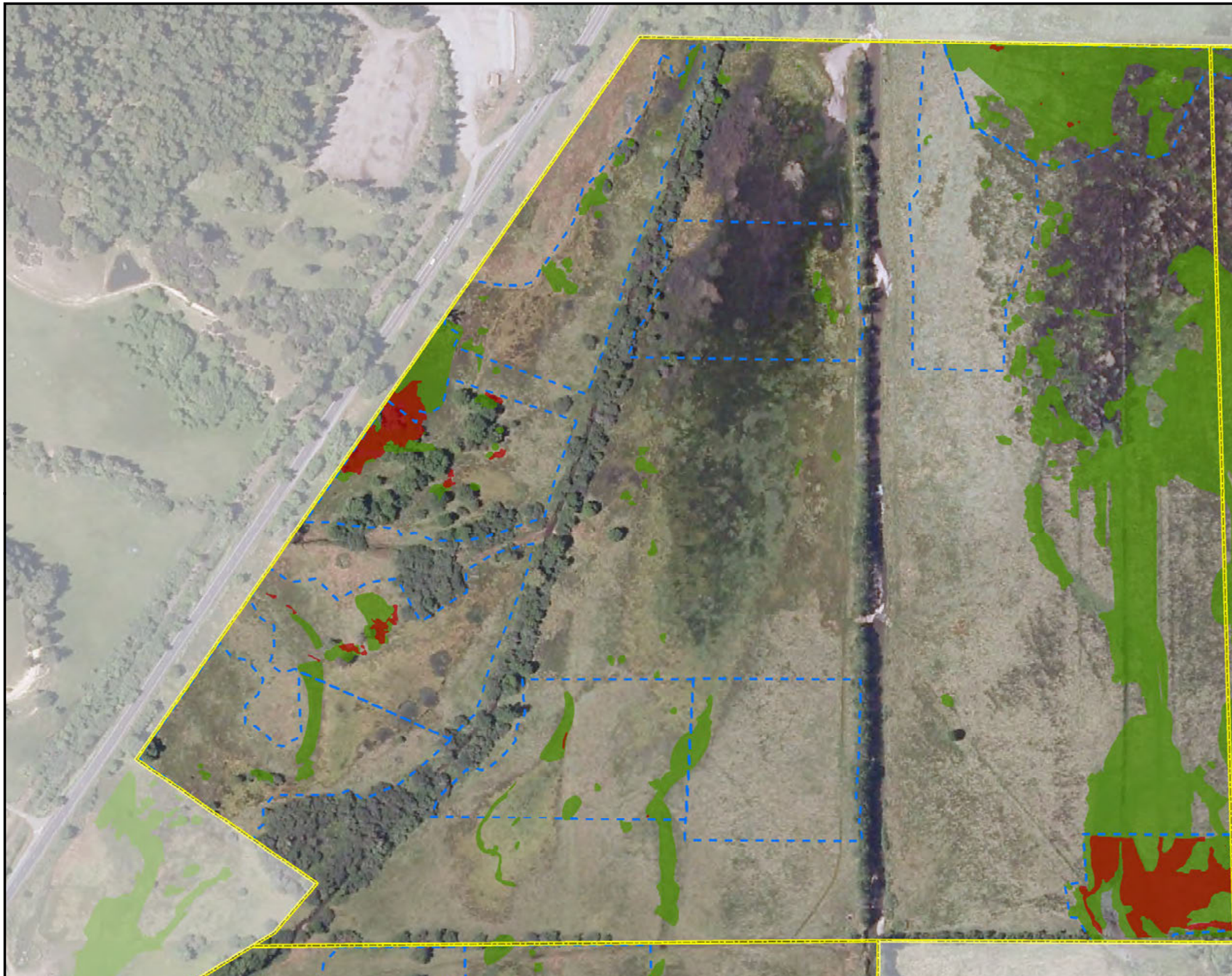
0 200

Feet

Sheet K-5
Special Status Plants
Ford

APN 108-010-05

Willits Bypass Project



Legend

- Selected CRAM Assessment Areas Sampled in 2011
- Offsite Mitigation Parcel

Project Bypass Footprint

- Permanent Impact
- Temporary Impact

Listed Plants

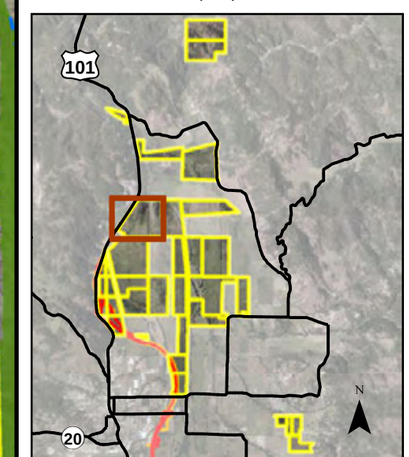
North Coast Semaphore Grass Observed

- ICF 2010

Baker's Meadowfoam Observed

- URS 2006
- Caltrans 2007
- Caltrans 2007, URS 2009
- ICF J&S 2009
- ICF J&S 2009, Caltrans 2007
- ICF J&S 2009, URS 2009
- ICF J&S 2009, URS 2009, Caltrans 2007
- URS 2009
- ICF 2011

N



0 200

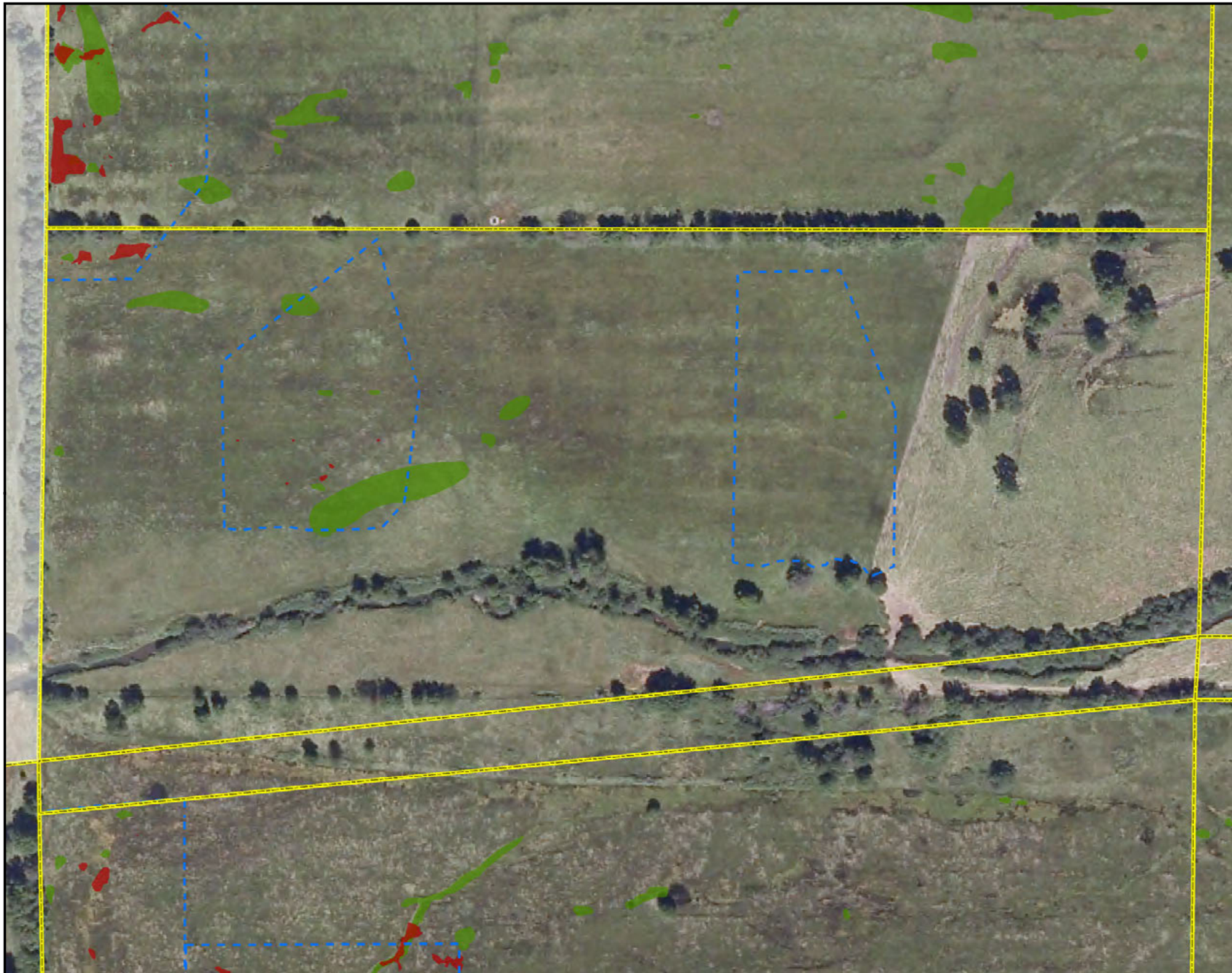
Feet

Sheet K-6

Special Status Plants
Ford

APN 108-010-06

Willits Bypass Project



Legend

- Selected CRAM Assessment Areas Sampled in 2011
- Offsite Mitigation Parcel

Project Bypass Footprint

- Permanent Impact
- Temporary Impact

Listed Plants

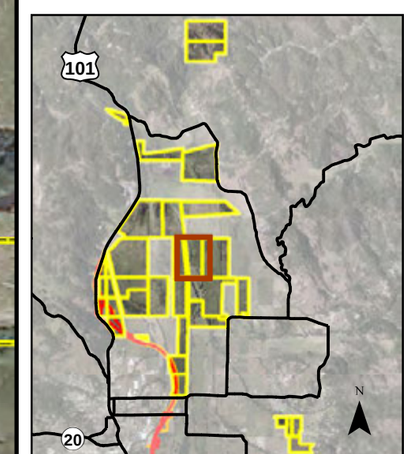
North Coast Semaphore Grass Observed

- ICF 2010

Baker's Meadowfoam Observed

- URS 2006
- Caltrans 2007
- Caltrans 2007, URS 2009
- ICF J&S 2009
- ICF J&S 2009, Caltrans 2007
- ICF J&S 2009, URS 2009
- ICF J&S 2009, URS 2009, Caltrans 2007
- URS 2009
- ICF 2011

N



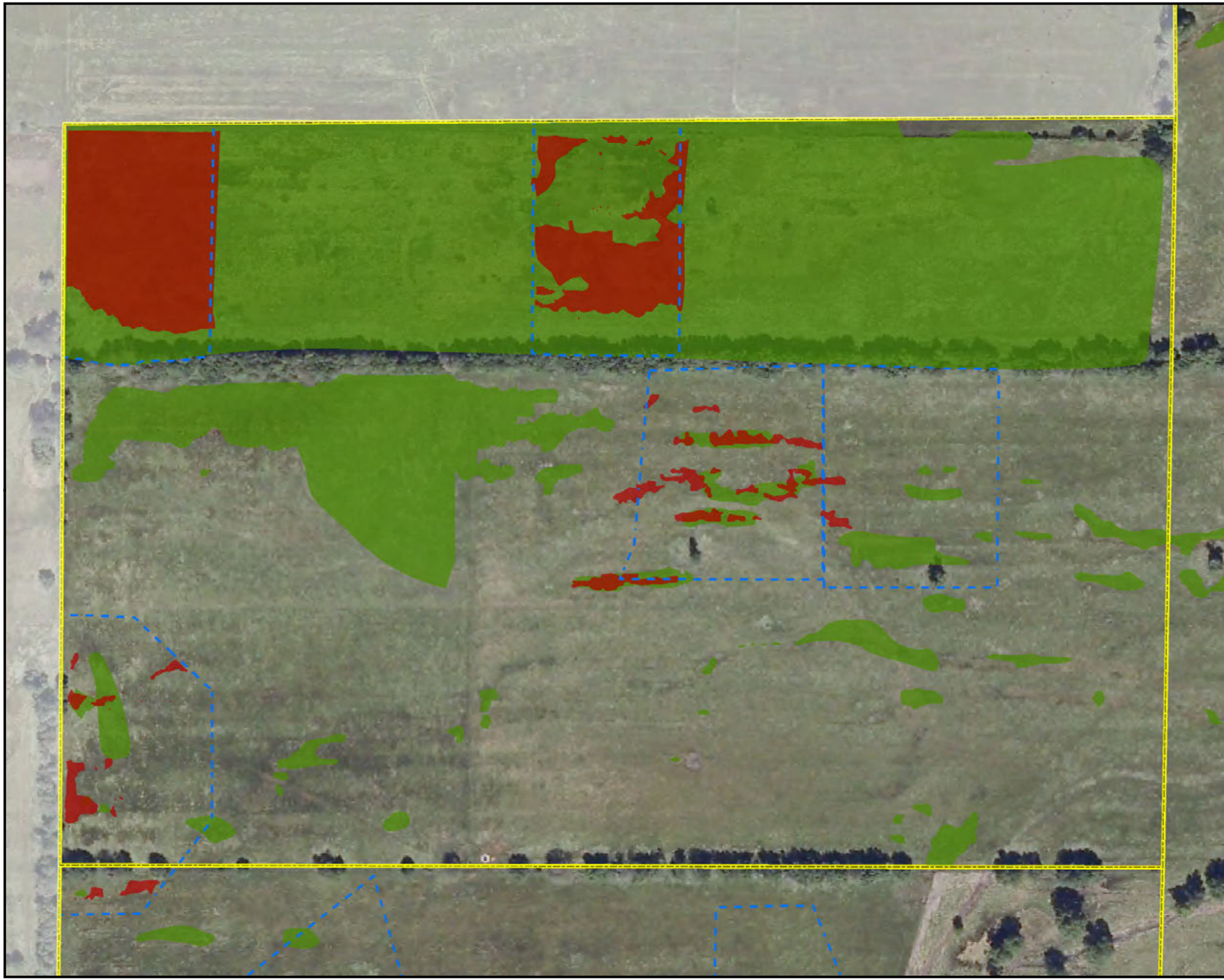
0 200

Feet

Sheet K-7
Special Status Plants
Wildlands

APNs 108-060-01 & 108-020-07

Willits Bypass Project



Legend

Selected CRAM Assessment Areas Sampled in 2011

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact

Temporary Impact

Listed Plants

North Coast Semaphore Grass Observed

ICF 2010

Baker's Meadowfoam Observed

URS 2006

Caltrans 2007

Caltrans 2007, URS 2009

ICF J&S 2009

ICF J&S 2009, Caltrans 2007

ICF J&S 2009, URS 2009

ICF J&S 2009, URS 2009, Caltrans 2007

URS 2009

ICF 2011

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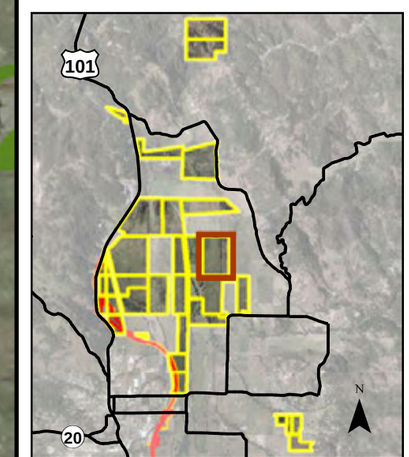

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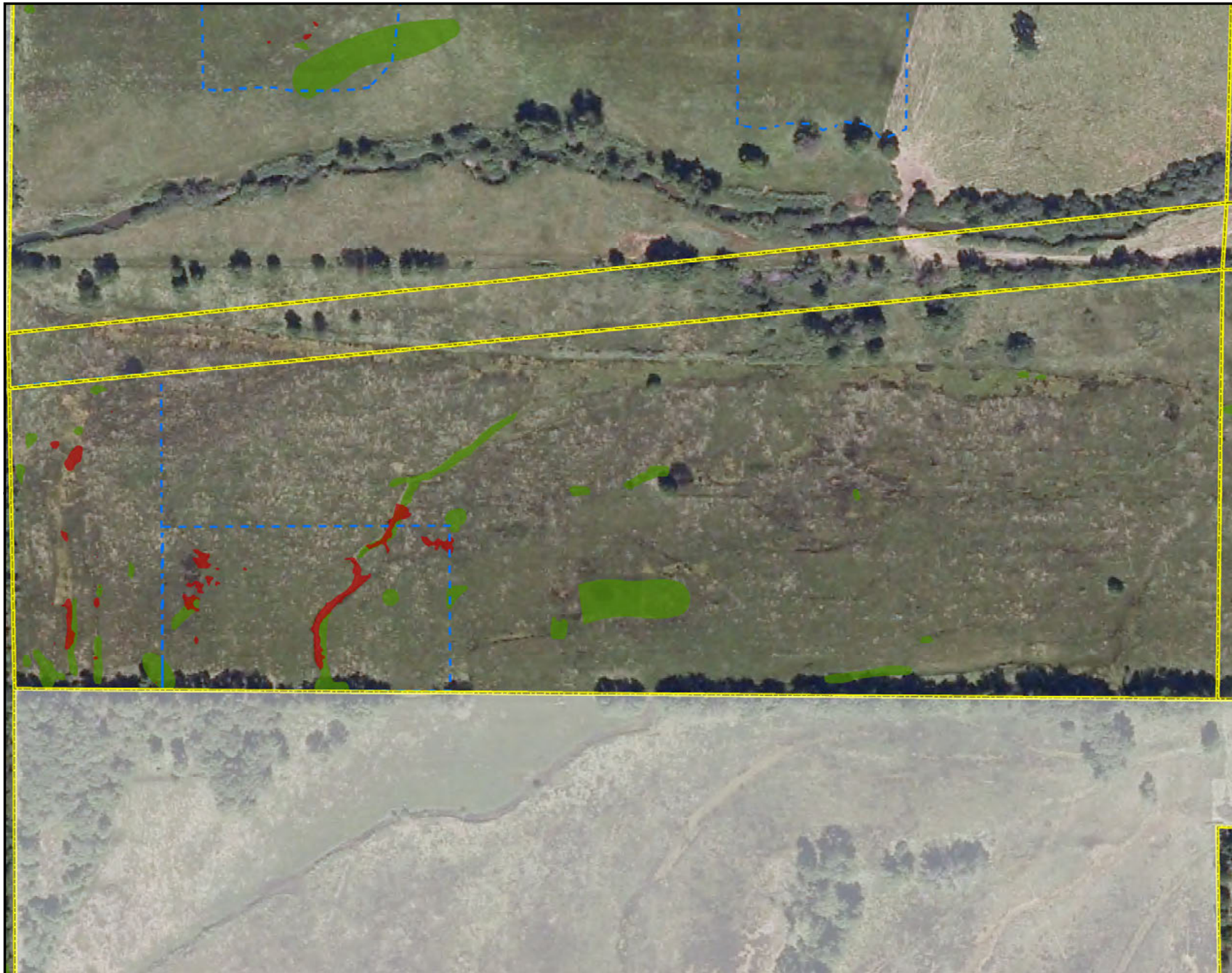
Sheet K-8

Special Status Plants
Wildlands

APN 108-060-02

Willits Bypass Project



Legend

Selected CRAM Assessment Areas Sampled in 2011

Offsite Mitigation Parcel

Project Bypass Footprint

Permanent Impact

Temporary Impact

Listed Plants

North Coast Semaphore Grass Observed

ICF 2010

Baker's Meadowfoam Observed

URS 2006

Caltrans 2007

Caltrans 2007, URS 2009

ICF J&S 2009

ICF J&S 2009, Caltrans 2007

ICF J&S 2009, URS 2009

ICF J&S 2009, URS 2009, Caltrans 2007

URS 2009

ICF 2011

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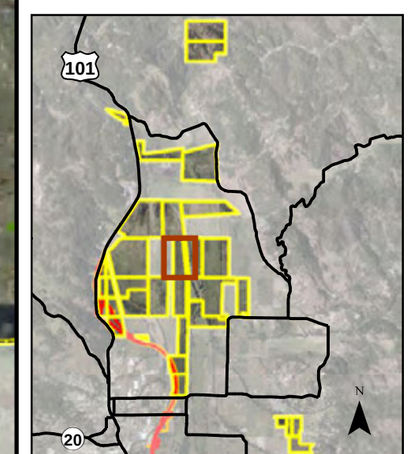

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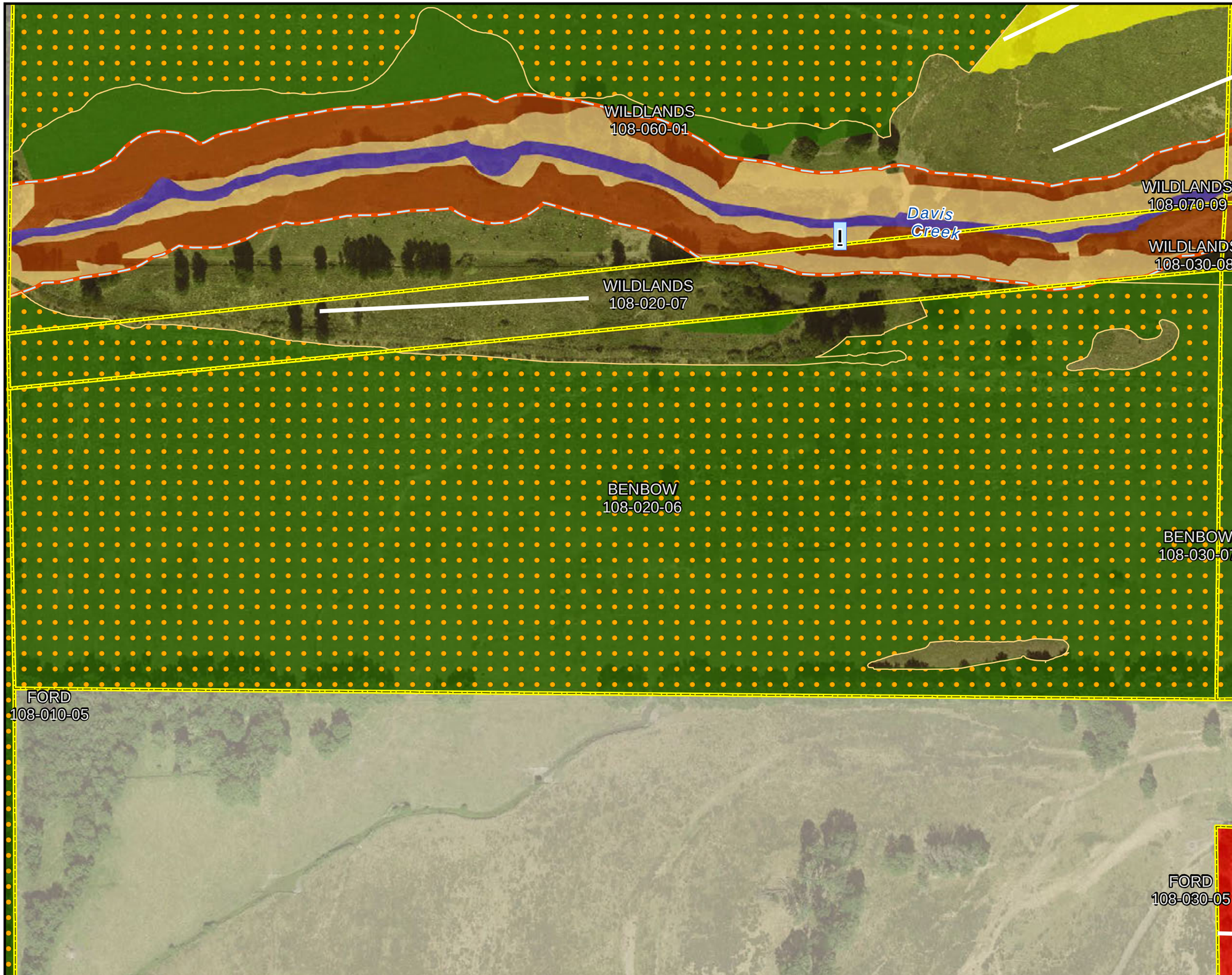
Sheet K-9

Special Status Plants

Benbow

APN 108-020-06

Willits Bypass Project



Offsite Mitigation Parcel
Monitoring Transects

Bypass Project Footprint
- Permanent Impact Area
- Temporary Impact Area
- Right of Way
- Grazing

Wetland Management

Wetland Establishment
- Group 1
- Group 2

Wetland Rehabilitation
- Grazing
- Type 1
- Type 2
- Type 3
- Type 4
- Type 5

Riparian Establishment
- Riparian Establishment

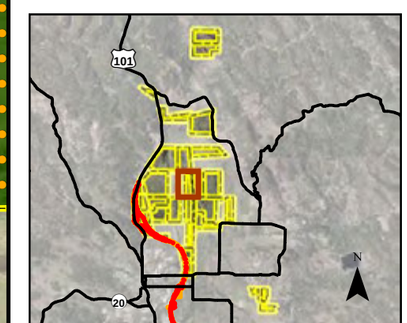
Riparian Rehabilitation
- Riparian Rehabilitation

Other Waters Rehabilitation
- Other Waters Rehabilitation
- Repair Headcut or Eroding Bank

Oak Woodland Establishment
- Oak Woodland Establishment

Stream Categories
- Category I Riparian Corridor
- Category II Riparian Corridor
- Category III Riparian Corridor

N



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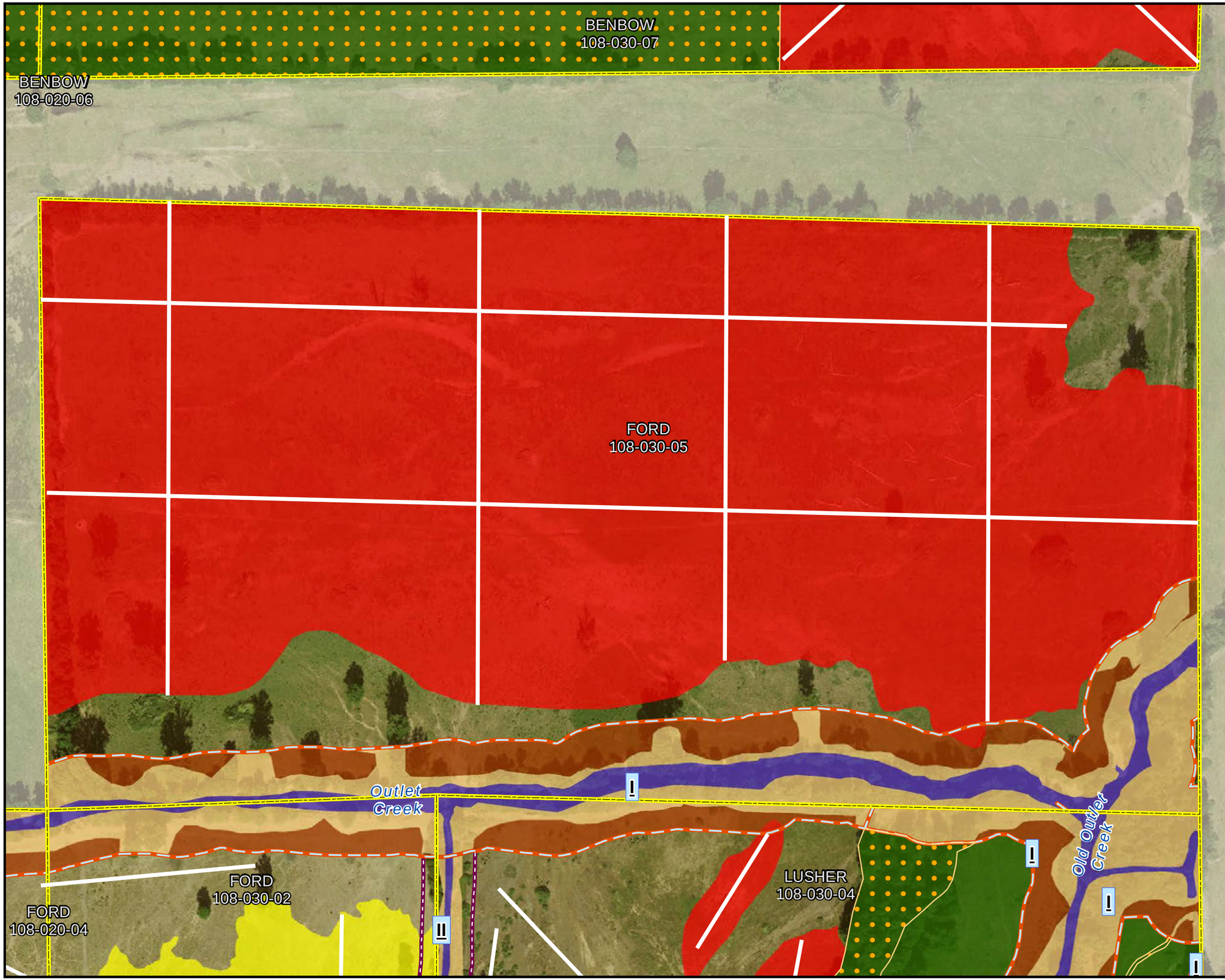
Sheet L-1

Mitigation Action Monitoring Transects

Benbow

APN 108-020-06

Willits Bypass
Riparian, Wetland, and Oak Establishment and Rehabilitation



Offsite Mitigation Parcel
Monitoring Transects

Bypass Project Footprint
Permanent Impact Area
Temporary Impact Area
Right of Way
Grazing

Wetland Management

Wetland Establishment
Group 1
Group 2

Wetland Rehabilitation
Grazing
Type 1
Type 2
Type 3
Type 4
Type 5

Riparian Establishment
Riparian Establishment

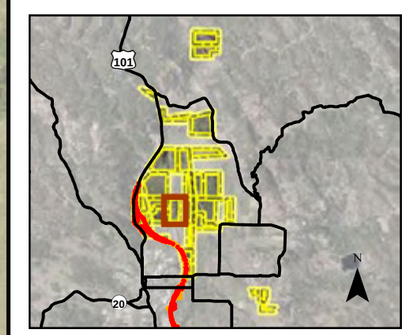
Riparian Rehabilitation
Riparian Rehabilitation

Other Waters Rehabilitation
Other Waters Rehabilitation
Repair Headcut or Eroding Bank

Oak Woodland Establishment
Oak Woodland Establishment

Stream Categories
Category I Riparian Corridor
Category II Riparian Corridor
Category III Riparian Corridor

N



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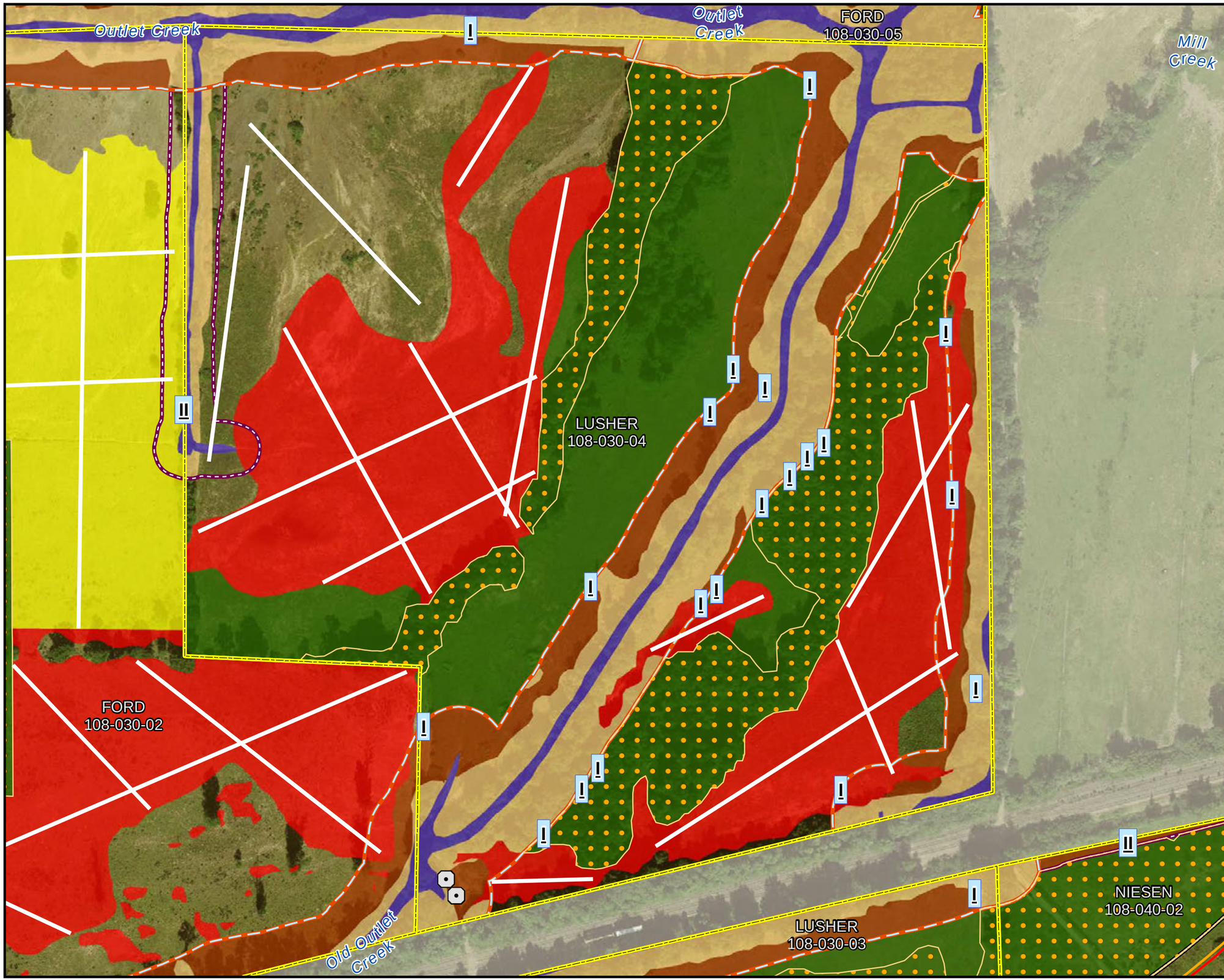
Sheet L-9
Mitigation Action Monitoring Transects
Ford

APN 108-030-05

Willits Bypass
Riparian, Wetland, and Oak Establishment and Rehabilitation



Offsite Mitigation Parcel
Monitoring Transects

Bypass Project Footprint
Permanent Impact Area
Temporary Impact Area
Right of Way
Grazing

Wetland Management

Wetland Establishment
Group 1
Group 2

Wetland Rehabilitation
Grazing
Type 1
Type 2
Type 3
Type 4
Type 5

Riparian Establishment
Riparian Establishment

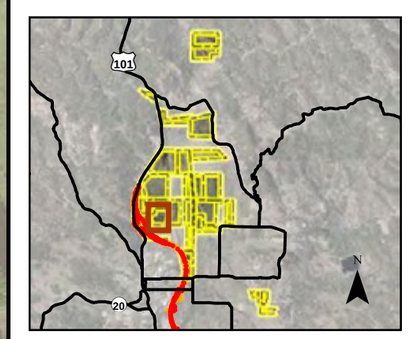
Riparian Rehabilitation
Riparian Rehabilitation

Other Waters Rehabilitation
Other Waters Rehabilitation
Repair Headcut or Eroding Bank

Oak Woodland Establishment
Oak Woodland Establishment

Stream Categories
Category I Riparian Corridor
Category II Riparian Corridor
Category III Riparian Corridor

N



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Sheet L-12

Mitigation Action Monitoring Transects

Lusher

APN 108-030-04

Willits Bypass
Riparian, Wetland, and Oak Establishment and Rehabilitation

Offsite Mitigation Parcel
Monitoring Transects

Bypass Project Footprint
- Permanent Impact Area
- Temporary Impact Area
- Right of Way
- Grazing

Wetland Management

Wetland Establishment
- Group 1
- Group 2

Wetland Rehabilitation
- Grazing
- Type 1
- Type 2
- Type 3
- Type 4
- Type 5

Riparian Establishment
- Riparian Establishment

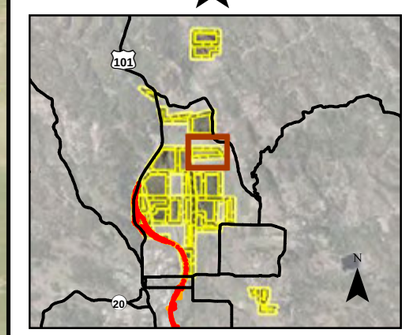
Riparian Rehabilitation
- Riparian Rehabilitation

Other Waters Rehabilitation
- Other Waters Rehabilitation
- Repair Headcut or Eroding Bank

Oak Woodland Establishment
- Oak Woodland Establishment

Stream Categories
- Category I Riparian Corridor
- Category II Riparian Corridor
- Category III Riparian Corridor

N



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Sheet L-13

Mitigation Action Monitoring Transects

Nance

APN 108-050-06

Willits Bypass
Riparian, Wetland, and Oak Establishment and Rehabilitation

Offsite Mitigation Parcel
Monitoring Transects

Bypass Project Footprint
Permanent Impact Area
Temporary Impact Area
Right of Way
Grazing

Wetland Management

Wetland Establishment
Group 1
Group 2

Wetland Rehabilitation
Grazing
Type 1
Type 2
Type 3
Type 4
Type 5

Riparian Establishment
Riparian Establishment

Riparian Rehabilitation
Riparian Rehabilitation

Other Waters Rehabilitation
Other Waters Rehabilitation
Repair Headcut or Eroding Bank

Oak Woodland Establishment
Oak Woodland Establishment

Stream Categories
Category I Riparian Corridor
Category II Riparian Corridor
Category III Riparian Corridor

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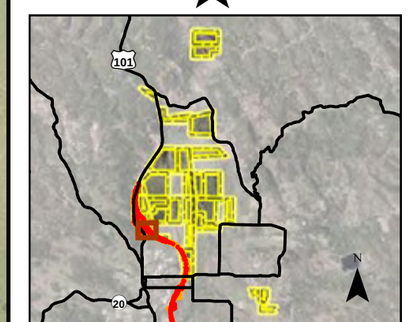

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Sheet L-14

Mitigation Action Monitoring Transects

Niesen

APN 108-040-02

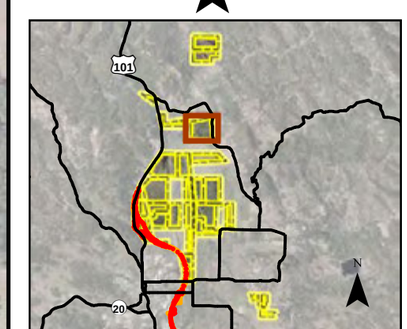
Willits Bypass
Riparian, Wetland, and Oak Establishment and Rehabilitation

Offsite Mitigation Parcel
Monitoring Transects

Bypass Project Footprint
Permanent Impact Area
Temporary Impact Area
Right of Way
Grazing

Wetland Management
Wetland Establishment
Group 1
Group 2
Wetland Rehabilitation
Grazing
Type 1
Type 2
Type 3
Type 4
Type 5
Riparian Establishment
Riparian Establishment
Riparian Rehabilitation
Riparian Rehabilitation
Other Waters Rehabilitation
Other Waters Rehabilitation
Repair Headcut or Eroding Bank
Oak Woodland Establishment
Oak Woodland Establishment
Stream Categories
Category I Riparian Corridor
Category II Riparian Corridor
Category III Riparian Corridor

N



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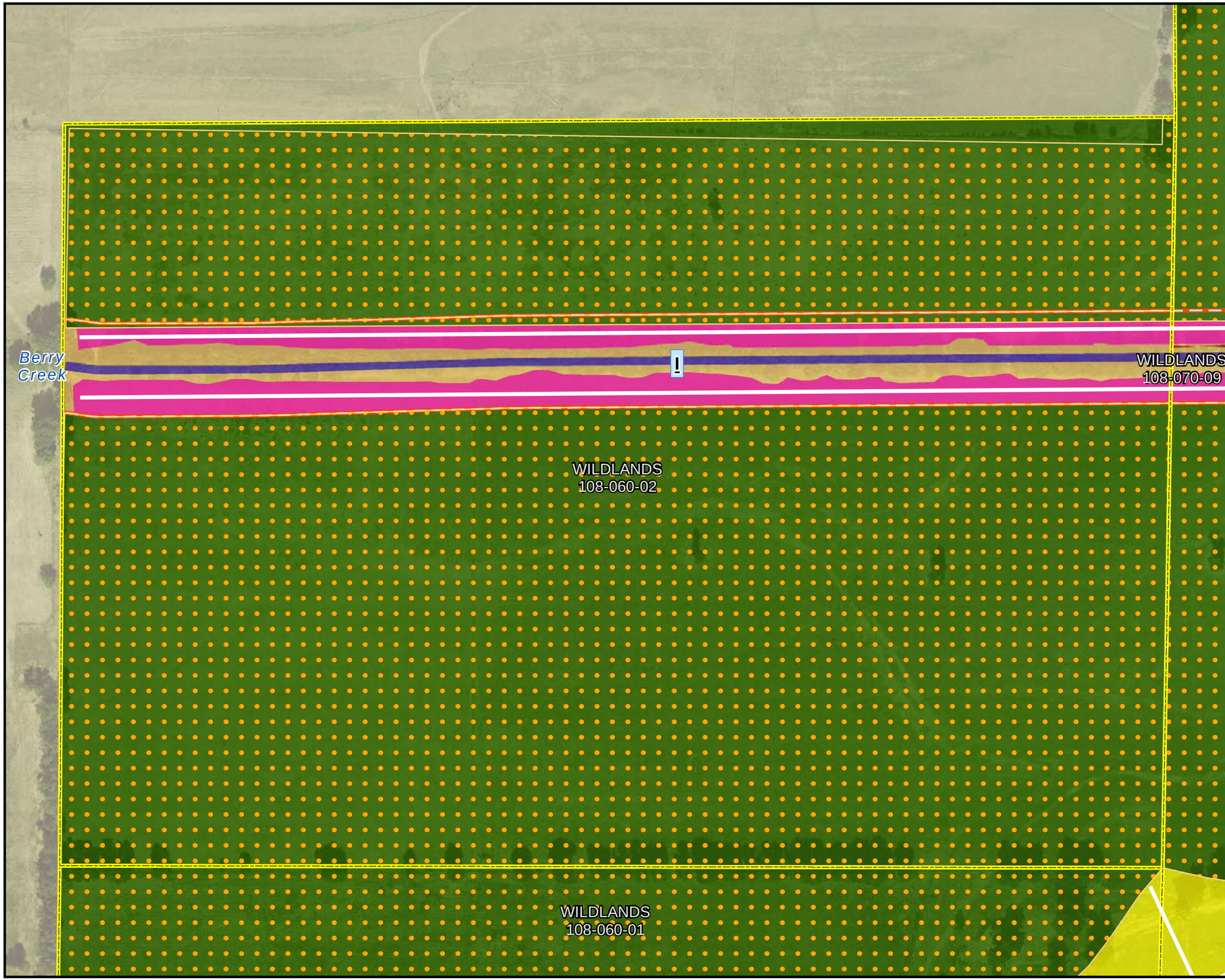
Sheet L-16
Mitigation Action
Monitoring Transects
Watson

APN 037-221-30

Willits Bypass
Riparian, Wetland, and Oak
Establishment and Rehabilitation



Offsite Mitigation Parcel
Monitoring Transects

Bypass Project Footprint
- Permanent Impact Area
- Temporary Impact Area
- Right of Way
- Grazing

Wetland Management

Wetland Establishment
- Group 1
- Group 2

Wetland Rehabilitation
- Grazing
- Type 1
- Type 2
- Type 3
- Type 4
- Type 5

Riparian Establishment
- Riparian Establishment

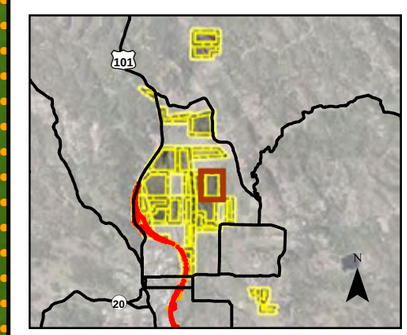
Riparian Rehabilitation
- Riparian Rehabilitation

Other Waters Rehabilitation
- Other Waters Rehabilitation
- Repair Headcut or Eroding Bank

Oak Woodland Establishment
- Oak Woodland Establishment

Stream Categories
- Category I Riparian Corridor
- Category II Riparian Corridor
- Category III Riparian Corridor

N



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Sheet L-18

Mitigation Action Monitoring Transects

Wildlands

APN 108-060-02

Willits Bypass
Riparian, Wetland, and Oak Establishment and Rehabilitation

Offsite Mitigation Parcel
Monitoring Transects

Bypass Project Footprint
- Permanent Impact Area
- Temporary Impact Area
- Right of Way
- Grazing

Wetland Management

Wetland Establishment
- Group 1
- Group 2

Wetland Rehabilitation
- Grazing
- Type 1
- Type 2
- Type 3
- Type 4
- Type 5

Riparian Establishment
- Riparian Establishment

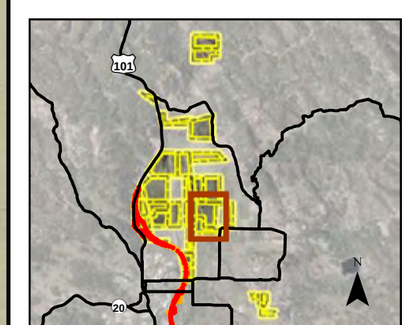
Riparian Rehabilitation
- Riparian Rehabilitation

Other Waters Rehabilitation
- Other Waters Rehabilitation
- Repair Headcut or Eroding Bank

Oak Woodland Establishment
- Oak Woodland Establishment

Stream Categories
- Category I Riparian Corridor
- Category II Riparian Corridor
- Category III Riparian Corridor

N



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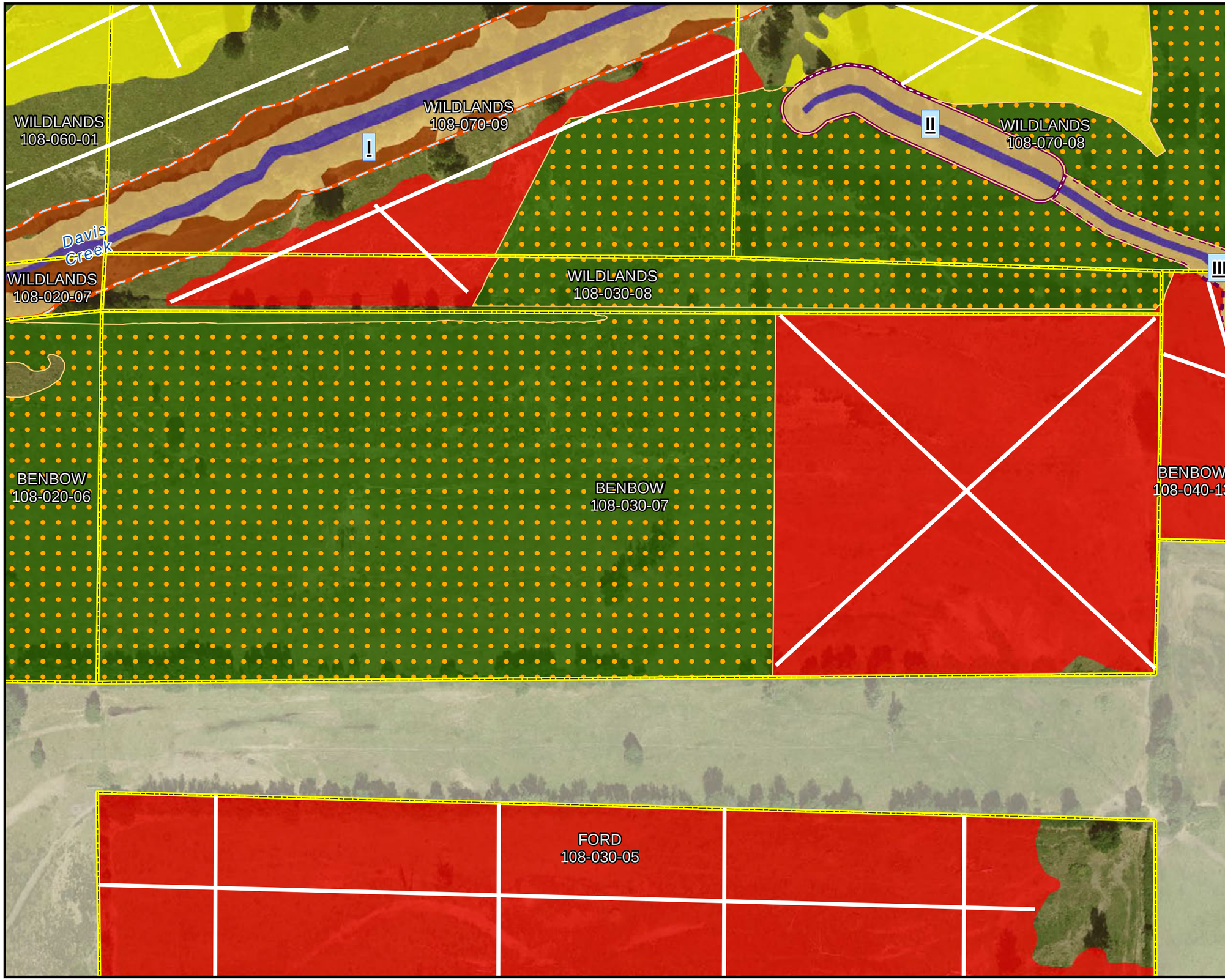
Sheet L-19

Mitigation Action Monitoring Transects

Wildlands

APNs 108-030-08, 108-070-08, & 108-070-09

Willits Bypass
Riparian, Wetland, and Oak Establishment and Rehabilitation



Offsite Mitigation Parcel
Monitoring Transects

Bypass Project Footprint
Permanent Impact Area
Temporary Impact Area
Right of Way
Grazing

Wetland Management

Wetland Establishment
Group 1
Group 2

Wetland Rehabilitation
Grazing
Type 1
Type 2
Type 3
Type 4
Type 5

Riparian Establishment
Riparian Establishment

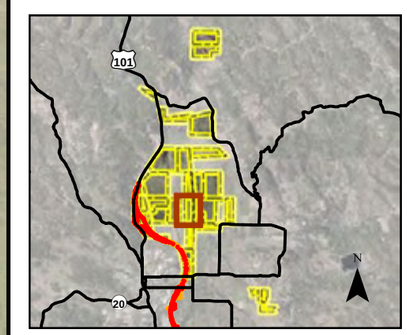
Riparian Rehabilitation
Riparian Rehabilitation

Other Waters Rehabilitation
Other Waters Rehabilitation
Repair Headcut or Eroding Bank

Oak Woodland Establishment
Oak Woodland Establishment

Stream Categories
Category I Riparian Corridor
Category II Riparian Corridor
Category III Riparian Corridor

N



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Sheet L-2
Mitigation Action Monitoring Transects
Benbow

APN 108-030-07

Willits Bypass
Riparian, Wetland, and Oak Establishment and Rehabilitation

Offsite Mitigation Parcel
Monitoring Transects

Bypass Project Footprint
- Permanent Impact Area
- Temporary Impact Area
- Right of Way
- Grazing

Wetland Management

Wetland Establishment
- Group 1
- Group 2

Wetland Rehabilitation
- Grazing
- Type 1
- Type 2
- Type 3
- Type 4
- Type 5

Riparian Establishment
- Riparian Establishment

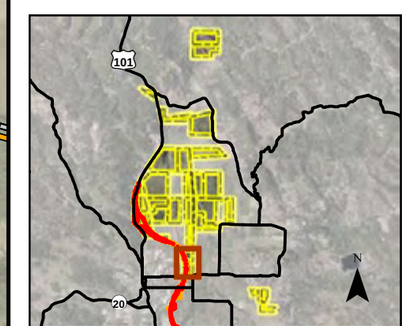
Riparian Rehabilitation
- Riparian Rehabilitation

Other Waters Rehabilitation
- Other Waters Rehabilitation
- Repair Headcut or Eroding Bank

Oak Woodland Establishment
- Oak Woodland Establishment

Stream Categories
- Category I Riparian Corridor
- Category II Riparian Corridor
- Category III Riparian Corridor

N



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Sheet L-4

Mitigation Action Monitoring Transects

Benbow

APNs 007-010-04 & 007-020-03

Willits Bypass
Riparian, Wetland, and Oak Establishment and Rehabilitation

Offsite Mitigation Parcel
Monitoring Transects

Bypass Project Footprint
Permanent Impact Area
Temporary Impact Area
Right of Way
Grazing

Wetland Management

Wetland Establishment
Group 1
Group 2

Wetland Rehabilitation
Grazing
Type 1
Type 2
Type 3
Type 4
Type 5

Riparian Establishment
Riparian Establishment

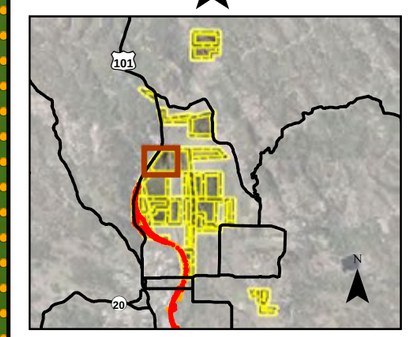
Riparian Rehabilitation
Riparian Rehabilitation

Other Waters Rehabilitation
Other Waters Rehabilitation
Repair Headcut or Eroding Bank

Oak Woodland Establishment
Oak Woodland Establishment

Stream Categories
Category I Riparian Corridor
Category II Riparian Corridor
Category III Riparian Corridor

N



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Sheet L-5

Mitigation Action Monitoring Transects

Ford

APN 108-010-06

Willits Bypass
Riparian, Wetland, and Oak Establishment and Rehabilitation

Offsite Mitigation Parcel
Monitoring Transects

Bypass Project Footprint
Permanent Impact Area
Temporary Impact Area
Right of Way
Grazing

Wetland Management

Wetland Establishment
Group 1
Group 2

Wetland Rehabilitation
Grazing
Type 1
Type 2
Type 3
Type 4
Type 5

Riparian Establishment
Riparian Establishment

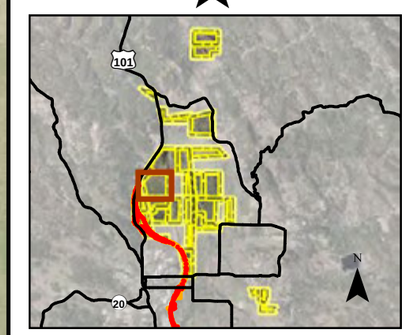
Riparian Rehabilitation
Riparian Rehabilitation

Other Waters Rehabilitation
Other Waters Rehabilitation
Repair Headcut or Eroding Bank

Oak Woodland Establishment
Oak Woodland Establishment

Stream Categories
Category I Riparian Corridor
Category II Riparian Corridor
Category III Riparian Corridor

N



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Sheet L-6
Mitigation Action
Monitoring Transects
Ford

APN 108-020-04

Willits Bypass
Riparian, Wetland, and Oak
Establishment and Rehabilitation

Offsite Mitigation Parcel
Monitoring Transects

Bypass Project Footprint
Permanent Impact Area
Temporary Impact Area
Right of Way
Grazing

Wetland Management

Wetland Establishment
Group 1
Group 2

Wetland Rehabilitation
Grazing
Type 1
Type 2
Type 3
Type 4
Type 5

Riparian Establishment
Riparian Establishment

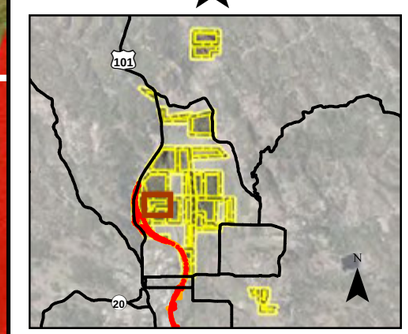
Riparian Rehabilitation
Riparian Rehabilitation

Other Waters Rehabilitation
Other Waters Rehabilitation
Repair Headcut or Eroding Bank

Oak Woodland Establishment
Oak Woodland Establishment

Stream Categories
Category I Riparian Corridor
Category II Riparian Corridor
Category III Riparian Corridor

N



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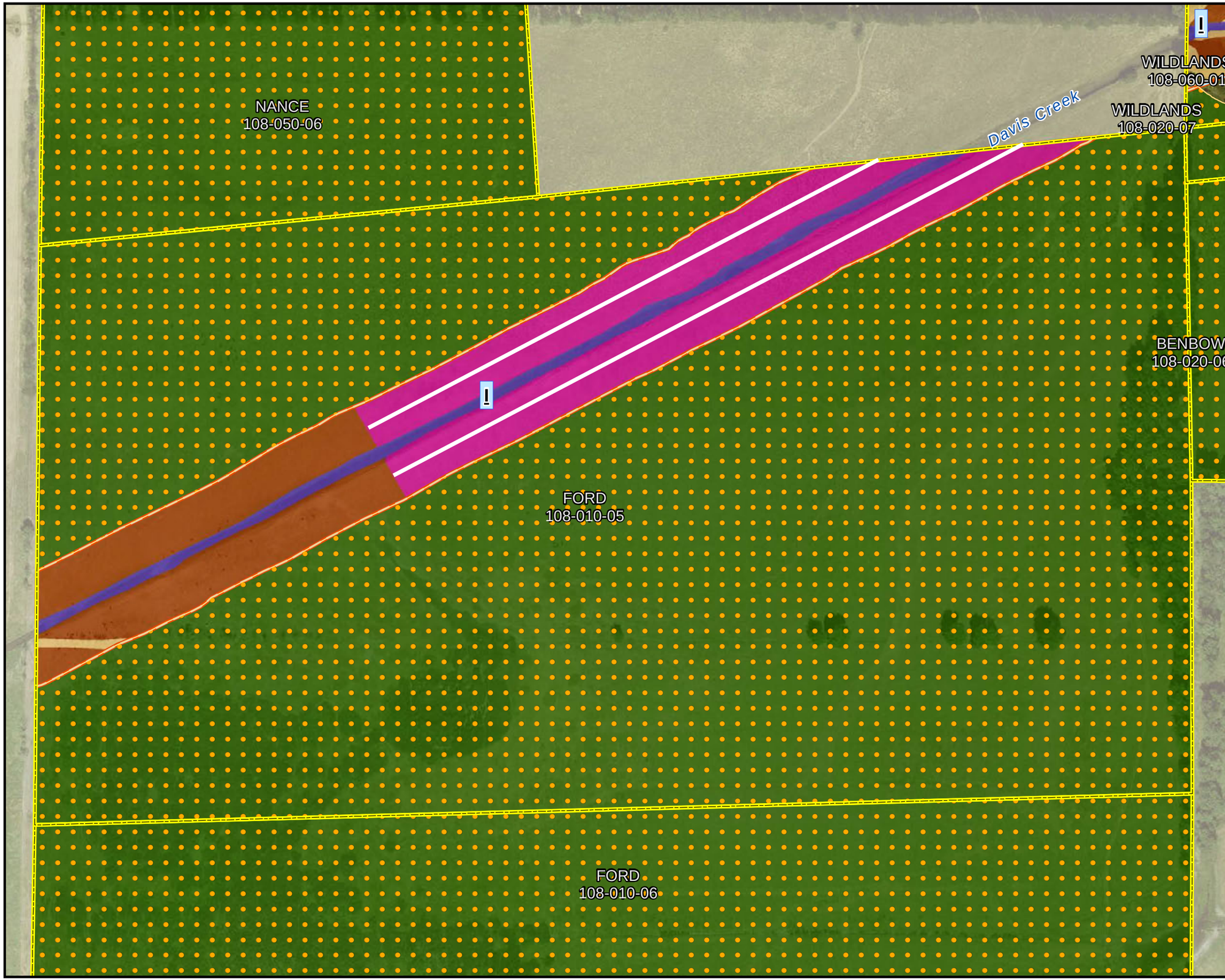
Sheet L-7
Mitigation Action Monitoring Transects
Ford

APN 108-030-02

Willits Bypass
Riparian, Wetland, and Oak Establishment and Rehabilitation



Offsite Mitigation Parcel
Monitoring Transects

Bypass Project Footprint
- Permanent Impact Area
- Temporary Impact Area
- Right of Way
- Grazing

Wetland Management

Wetland Establishment
- Group 1
- Group 2

Wetland Rehabilitation
- Grazing
- Type 1
- Type 2
- Type 3
- Type 4
- Type 5

Riparian Establishment
- Riparian Establishment

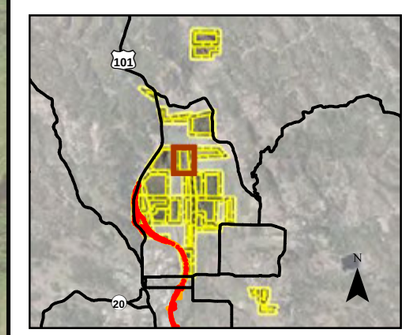
Riparian Rehabilitation
- Riparian Rehabilitation

Other Waters Rehabilitation
- Other Waters Rehabilitation
- Repair Headcut or Eroding Bank

Oak Woodland Establishment
- Oak Woodland Establishment

Stream Categories
- Category I Riparian Corridor
- Category II Riparian Corridor
- Category III Riparian Corridor

N



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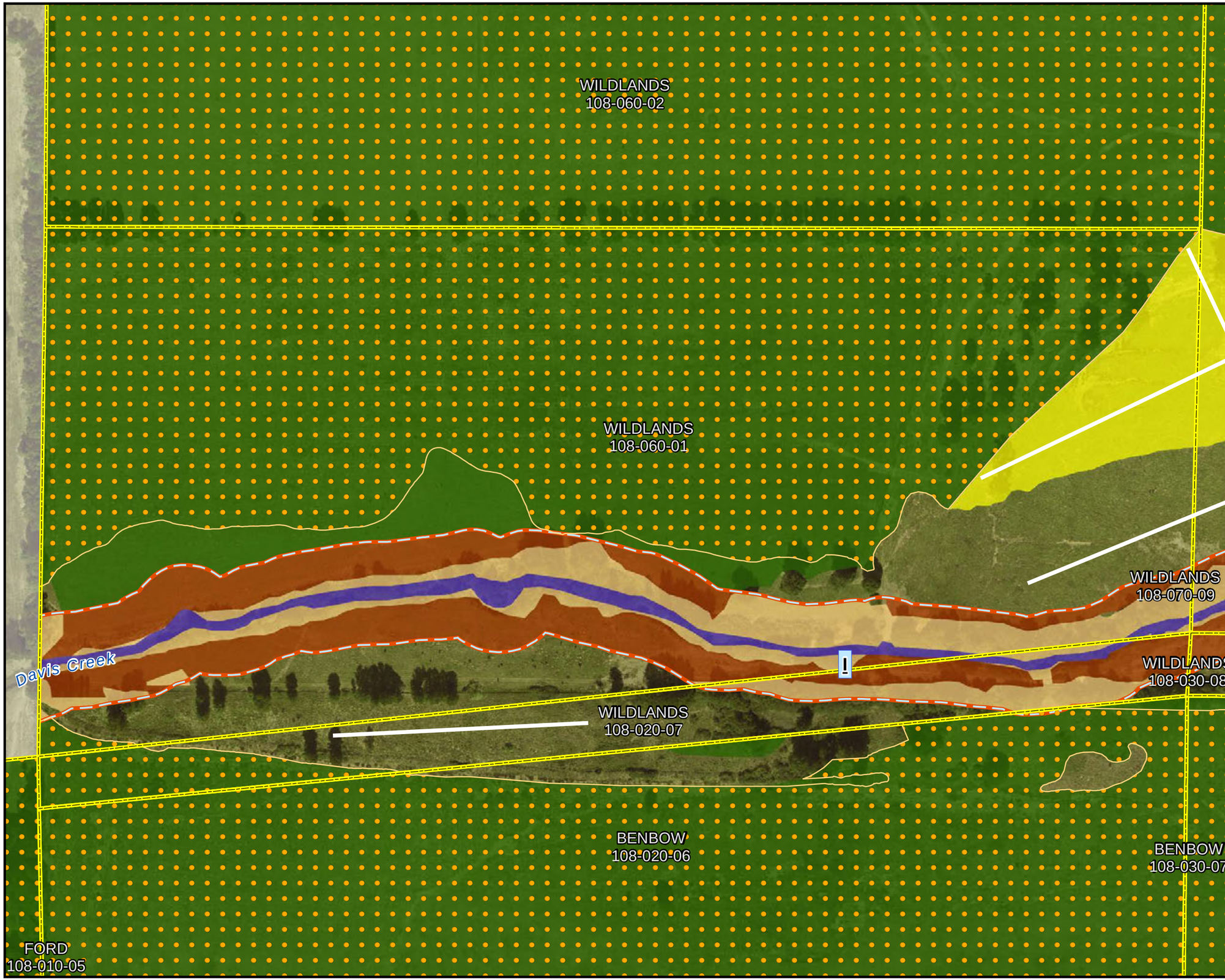
Sheet L-8

Mitigation Action Monitoring Transects

Ford

APN 108-010-05

Willits Bypass
Riparian, Wetland, and Oak Establishment and Rehabilitation



Offsite Mitigation Parcel
Monitoring Transects

Bypass Project Footprint
Permanent Impact Area
Temporary Impact Area
Right of Way
Grazing

Wetland Management

Wetland Establishment
Group 1
Group 2

Wetland Rehabilitation
Grazing
Type 1
Type 2
Type 3
Type 4
Type 5

Riparian Establishment
Riparian Establishment

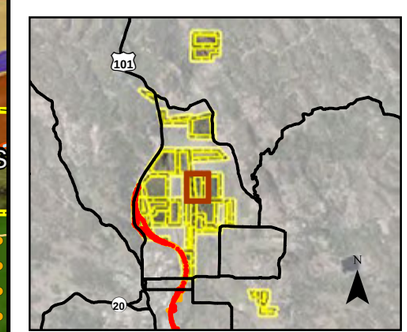
Riparian Rehabilitation
Riparian Rehabilitation

Other Waters Rehabilitation
Other Waters Rehabilitation
Repair Headcut or Eroding Bank

Oak Woodland Establishment
Oak Woodland Establishment

Stream Categories
Category I Riparian Corridor
Category II Riparian Corridor
Category III Riparian Corridor

N



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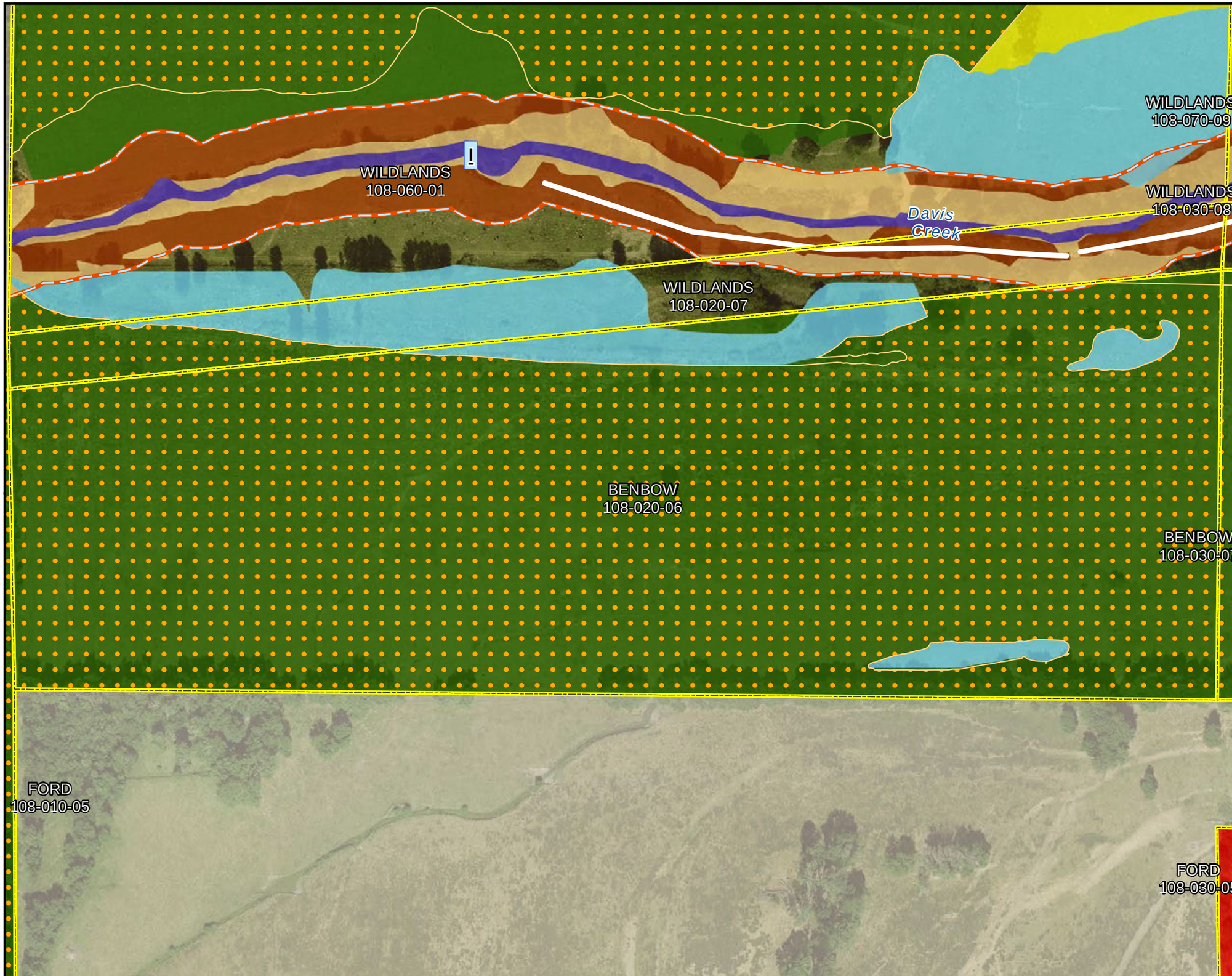
Sheet L-17

Mitigation Action Monitoring Transects

Wildlands

APNs 108-060-01 & 108-020-07

Willits Bypass
Riparian, Wetland, and Oak Establishment and Rehabilitation



Offsite Mitigation Parcel
Other Waters Line Transect

Bypass Project Footprint
- Permanent Impact Area
- Temporary Impact Area
- Right of Way
- Grazing

Wetland Management

Wetland Establishment
- Group 1
- Group 2

Wetland Rehabilitation
- Grazing
- Type 1
- Type 2
- Type 3
- Type 4
- Type 5

Riparian Establishment
- Riparian Establishment

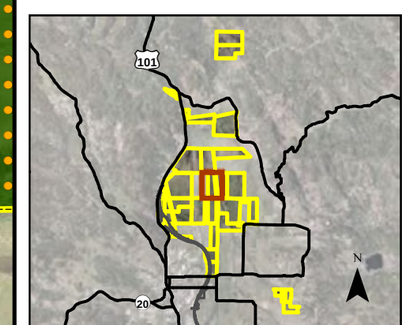
Riparian Rehabilitation
- Riparian Rehabilitation

Other Waters Rehabilitation
- Other Waters Rehabilitation
- Repair Headcut or Eroding Bank

Oak Woodland Establishment
- Oak Woodland Establishment

Stream Categories
- Category I Riparian Corridor
- Category II Riparian Corridor
- Category III Riparian Corridor

N



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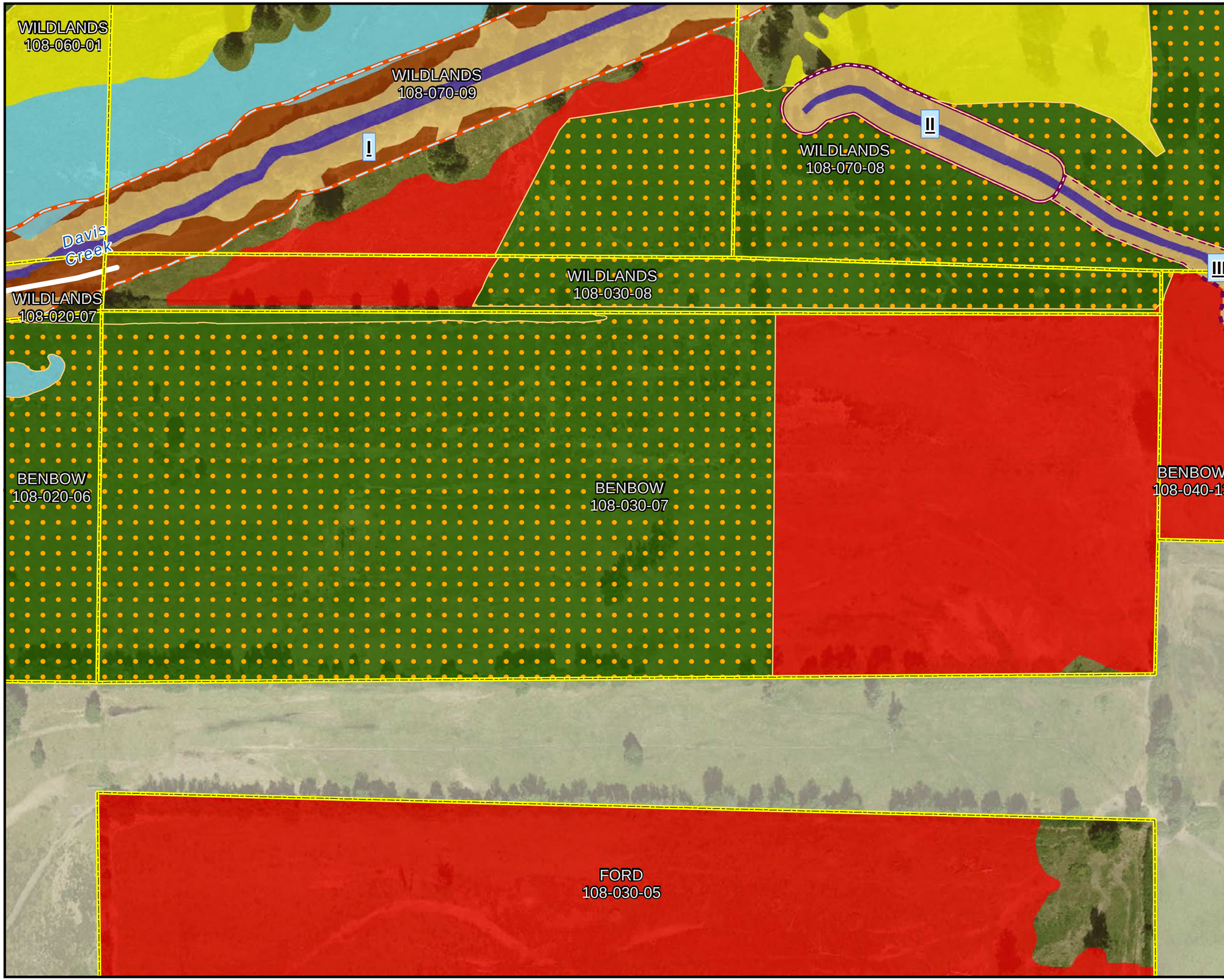
Sheet M-1

Other Waters Line Transect Locations Benbow

APN 108-020-06

Willits Bypass Project



Offsite Mitigation Parcel
Other Waters Line Transect

Bypass Project Footprint
- Permanent Impact Area
- Temporary Impact Area
- Right of Way
- Grazing

Wetland Management

Wetland Establishment
- Group 1
- Group 2

Wetland Rehabilitation
- Grazing
- Type 1
- Type 2
- Type 3
- Type 4
- Type 5

Riparian Establishment
- Riparian Establishment

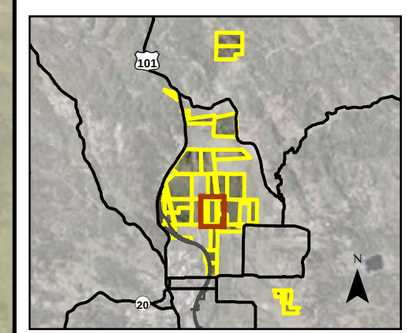
Riparian Rehabilitation
- Riparian Rehabilitation

Other Waters Rehabilitation
- Other Waters Rehabilitation
- Repair Headcut or Eroding Bank

Oak Woodland Establishment
- Oak Woodland Establishment

Stream Categories
- Category I Riparian Corridor
- Category II Riparian Corridor
- Category III Riparian Corridor

N



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Sheet M-2

Other Waters Line Transect Locations Benbow

APN 108-030-07

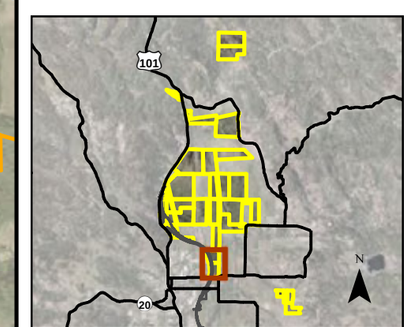
Willits Bypass Project

Offsite Mitigation Parcel
Other Waters Line Transect

Bypass Project Footprint
Permanent Impact Area
Temporary Impact Area
Right of Way
Grazing

Wetland Management
Wetland Establishment
Group 1
Group 2
Wetland Rehabilitation
Grazing
Type 1
Type 2
Type 3
Type 4
Type 5
Riparian Establishment
Riparian Establishment
Riparian Rehabilitation
Riparian Rehabilitation
Other Waters Rehabilitation
Other Waters Rehabilitation
Repair Headcut or Eroding Bank
Oak Woodland Establishment
Oak Woodland Establishment
Stream Categories
Category I Riparian Corridor
Category II Riparian Corridor
Category III Riparian Corridor

N



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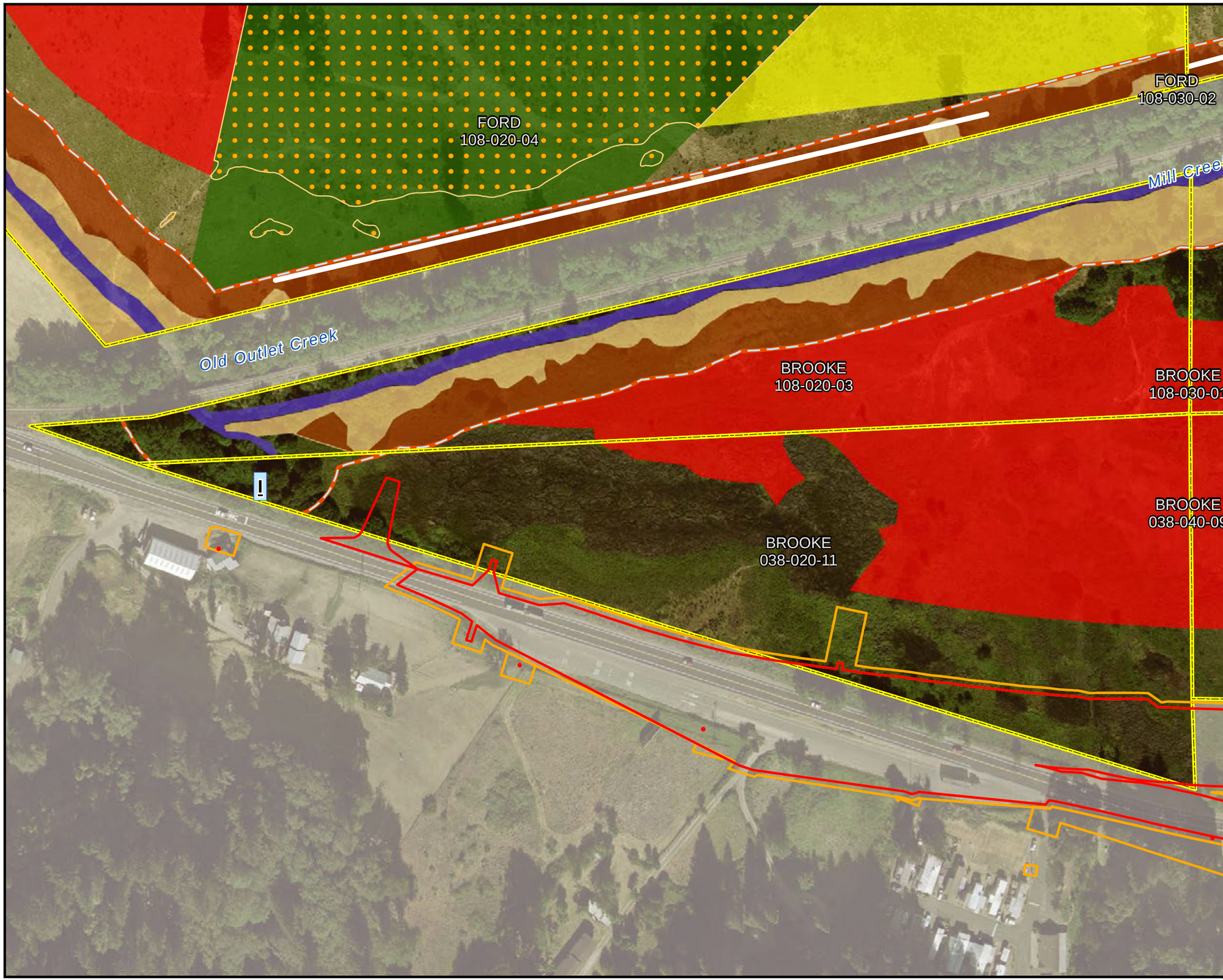
Sheet M-3

Other Waters Line Transect Locations Benbow

APNs 007-010-04 & 007-020-03

Willits Bypass Project



Offsite Mitigation Parcel
Other Waters Line Transect

Bypass Project Footprint
- Permanent Impact Area
- Temporary Impact Area
- Right of Way
- Grazing

Wetland Management

Wetland Establishment
- Group 1
- Group 2

Wetland Rehabilitation
- Grazing
- Type 1
- Type 2
- Type 3
- Type 4
- Type 5

Riparian Establishment
- Riparian Establishment

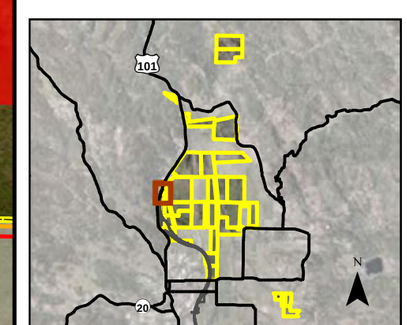
Riparian Rehabilitation
- Riparian Rehabilitation

Other Waters Rehabilitation
- Other Waters Rehabilitation
- Repair Headcut or Eroding Bank

Oak Woodland Establishment
- Oak Woodland Establishment

Stream Categories
- Category I Riparian Corridor
- Category II Riparian Corridor
- Category III Riparian Corridor

N



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Sheet M-4

Other Waters Line Transect Locations Brooke

APNs 108-020-03 & 038-020-11

Willits Bypass Project

Offsite Mitigation Parcel
Other Waters Line Transect

Bypass Project Footprint
Permanent Impact Area
Temporary Impact Area
Right of Way
Grazing

Wetland Management

Wetland Establishment
Group 1
Group 2

Wetland Rehabilitation
Grazing
Type 1
Type 2
Type 3
Type 4
Type 5

Riparian Establishment
Riparian Establishment

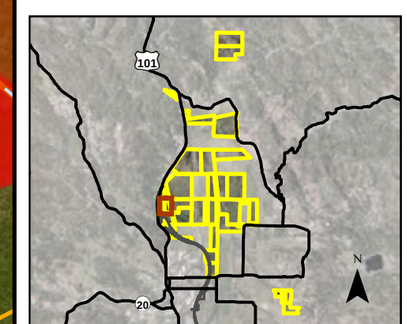
Riparian Rehabilitation
Riparian Rehabilitation

Other Waters Rehabilitation
Other Waters Rehabilitation
Repair Headcut or Eroding Bank

Oak Woodland Establishment
Oak Woodland Establishment

Stream Categories
Category I Riparian Corridor
Category II Riparian Corridor
Category III Riparian Corridor

N



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Other Waters Line Transect Locations Brooke

APNs 108-030-01 & 038-040-09

Willits Bypass Project

Offsite Mitigation Parcel
Other Waters Line Transect

Bypass Project Footprint
Permanent Impact Area
Temporary Impact Area
Right of Way
Grazing

Wetland Management

Wetland Establishment
Group 1
Group 2

Wetland Rehabilitation
Grazing
Type 1
Type 2
Type 3
Type 4
Type 5

Riparian Establishment
Riparian Establishment

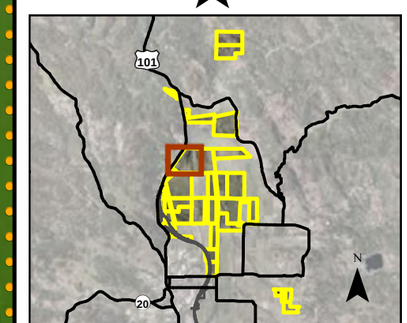
Riparian Rehabilitation
Riparian Rehabilitation

Other Waters Rehabilitation
Other Waters Rehabilitation
Repair Headcut or Eroding Bank

Oak Woodland Establishment
Oak Woodland Establishment

Stream Categories
Category I Riparian Corridor
Category II Riparian Corridor
Category III Riparian Corridor

N



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Sheet M-6

Other Waters Line Transect Locations Ford

APN 108-010-06

Willits Bypass Project

Offsite Mitigation Parcel
Other Waters Line Transect

Bypass Project Footprint
Permanent Impact Area
Temporary Impact Area
Right of Way
Grazing

Wetland Management

Wetland Establishment
Group 1
Group 2

Wetland Rehabilitation
Grazing
Type 1
Type 2
Type 3
Type 4
Type 5

Riparian Establishment
Riparian Establishment

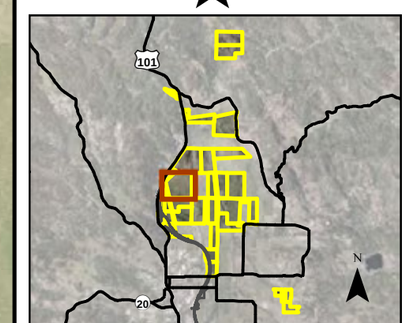
Riparian Rehabilitation
Riparian Rehabilitation

Other Waters Rehabilitation
Other Waters Rehabilitation
Repair Headcut or Eroding Bank

Oak Woodland Establishment
Oak Woodland Establishment

Stream Categories
Category I Riparian Corridor
Category II Riparian Corridor
Category III Riparian Corridor

N



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Sheet M-7

Other Waters Line Transect Locations Ford

APN 108-020-04

Willits Bypass Project

Offsite Mitigation Parcel
Other Waters Line Transect

Bypass Project Footprint
Permanent Impact Area
Temporary Impact Area
Right of Way
Grazing

Wetland Management

Wetland Establishment
Group 1
Group 2

Wetland Rehabilitation
Grazing
Type 1
Type 2
Type 3
Type 4
Type 5

Riparian Establishment
Riparian Establishment

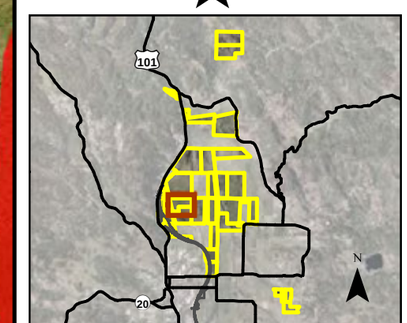
Riparian Rehabilitation
Riparian Rehabilitation

Other Waters Rehabilitation
Other Waters Rehabilitation
Repair Headcut or Eroding Bank

Oak Woodland Establishment
Oak Woodland Establishment

Stream Categories
Category I Riparian Corridor
Category II Riparian Corridor
Category III Riparian Corridor

N



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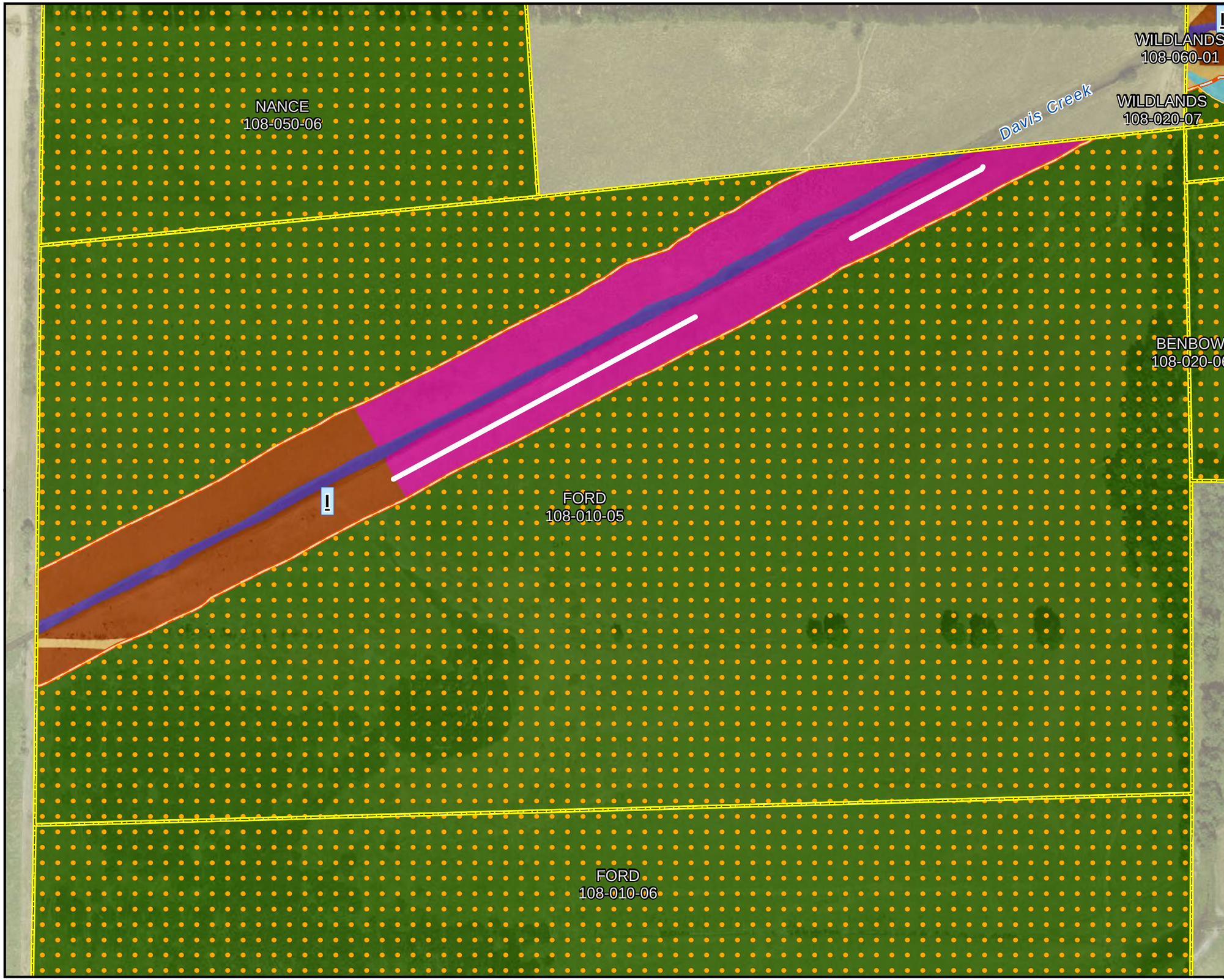
Sheet M-8

Other Waters Line Transect Locations Ford

APN 108-030-02

Willits Bypass Project



Offsite Mitigation Parcel
Other Waters Line Transect

Bypass Project Footprint
Permanent Impact Area
Temporary Impact Area
Right of Way
Grazing

Wetland Management

Wetland Establishment
Group 1
Group 2

Wetland Rehabilitation
Grazing
Type 1
Type 2
Type 3
Type 4
Type 5

Riparian Establishment
Riparian Establishment

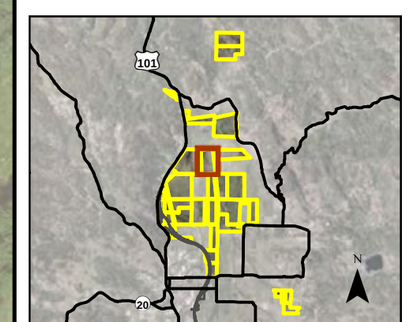
Riparian Rehabilitation
Riparian Rehabilitation

Other Waters Rehabilitation
Other Waters Rehabilitation
Repair Headcut or Eroding Bank

Oak Woodland Establishment
Oak Woodland Establishment

Stream Categories
Category I Riparian Corridor
Category II Riparian Corridor
Category III Riparian Corridor

N



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Sheet M-9

Other Waters Line Transect Locations Ford

APN 108-010-05

Willits Bypass Project

Offsite Mitigation Parcel
Other Waters Line Transect

Bypass Project Footprint
Permanent Impact Area
Temporary Impact Area
Right of Way
Grazing

Wetland Management

Wetland Establishment
Group 1
Group 2

Wetland Rehabilitation
Grazing
Type 1
Type 2
Type 3
Type 4
Type 5

Riparian Establishment
Riparian Establishment

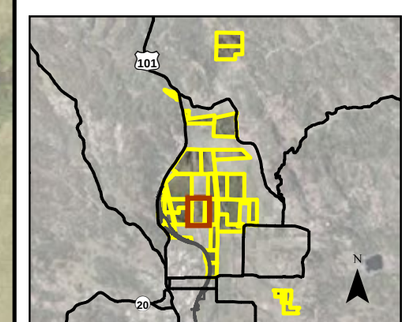
Riparian Rehabilitation
Riparian Rehabilitation

Other Waters Rehabilitation
Other Waters Rehabilitation
Repair Headcut or Eroding Bank

Oak Woodland Establishment
Oak Woodland Establishment

Stream Categories
Category I Riparian Corridor
Category II Riparian Corridor
Category III Riparian Corridor

N



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Sheet M-10

Other Waters Line Transect Locations Ford

APN 108-030-05

Willits Bypass Project

Offsite Mitigation Parcel
Other Waters Line Transect

Bypass Project Footprint
- Permanent Impact Area
- Temporary Impact Area
- Right of Way
- Grazing

Wetland Management

Wetland Establishment
- Group 1
- Group 2

Wetland Rehabilitation
- Grazing
- Type 1
- Type 2
- Type 3
- Type 4
- Type 5

Riparian Establishment
- Riparian Establishment

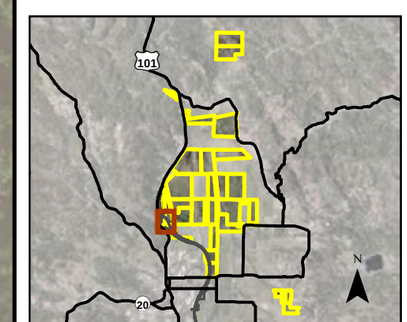
Riparian Rehabilitation
- Riparian Rehabilitation

Other Waters Rehabilitation
- Other Waters Rehabilitation
- Repair Headcut or Eroding Bank

Oak Woodland Establishment
- Oak Woodland Establishment

Stream Categories
- Category I Riparian Corridor
- Category II Riparian Corridor
- Category III Riparian Corridor

N



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Sheet M-11

Other Waters Line Transect Locations Lusher

APNs 108-030-03 & 038-060-08

Willits Bypass Project

Offsite Mitigation Parcel
Other Waters Line Transect

Bypass Project Footprint
- Permanent Impact Area
- Temporary Impact Area
- Right of Way
- Grazing

Wetland Management

Wetland Establishment
- Group 1
- Group 2

Wetland Rehabilitation
- Grazing
- Type 1
- Type 2
- Type 3
- Type 4
- Type 5

Riparian Establishment
- Riparian Establishment

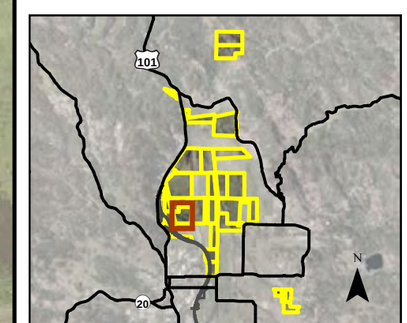
Riparian Rehabilitation
- Riparian Rehabilitation

Other Waters Rehabilitation
- Other Waters Rehabilitation
- Repair Headcut or Eroding Bank

Oak Woodland Establishment
- Oak Woodland Establishment

Stream Categories
- Category I Riparian Corridor
- Category II Riparian Corridor
- Category III Riparian Corridor

N



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Sheet M-12

Other Waters Line Transect Locations Lusher

APN 108-030-04

Willits Bypass Project

Offsite Mitigation Parcel
Other Waters Line Transect

Bypass Project Footprint
Permanent Impact Area
Temporary Impact Area
Right of Way
Grazing

Wetland Management
Wetland Establishment
Group 1
Group 2

Wetland Rehabilitation
Grazing
Type 1
Type 2
Type 3
Type 4
Type 5

Riparian Establishment
Riparian Establishment

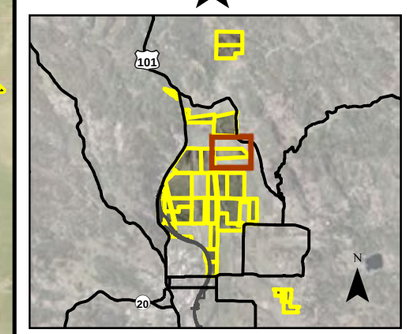
Riparian Rehabilitation
Riparian Rehabilitation

Other Waters Rehabilitation
Other Waters Rehabilitation
Repair Headcut or Eroding Bank

Oak Woodland Establishment
Oak Woodland Establishment

Stream Categories
Category I Riparian Corridor
Category II Riparian Corridor
Category III Riparian Corridor

N



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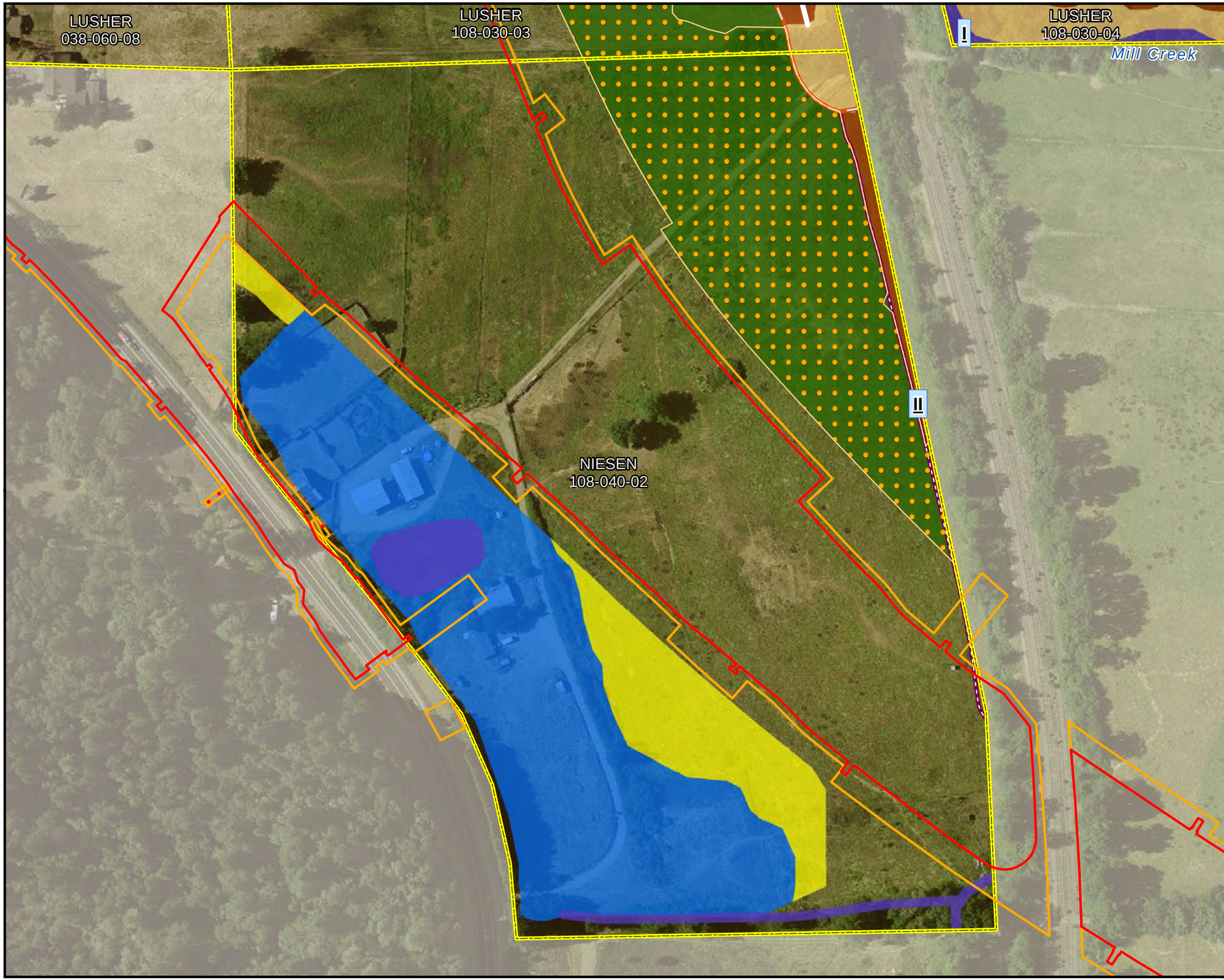
Sheet M-13

Other Waters Line Transect Locations Nance

APN 108-050-06

Willits Bypass Project



Offsite Mitigation Parcel
Other Waters Line Transect

Bypass Project Footprint
- Permanent Impact Area
- Temporary Impact Area
- Right of Way
- Grazing

Wetland Management

Wetland Establishment
- Group 1
- Group 2

Wetland Rehabilitation
- Grazing
- Type 1
- Type 2
- Type 3
- Type 4
- Type 5

Riparian Establishment
- Riparian Establishment

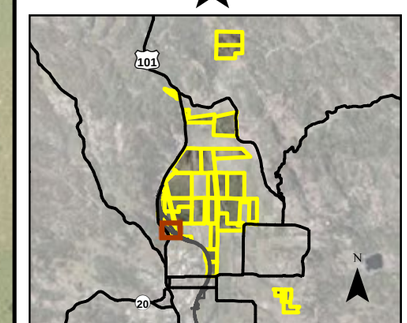
Riparian Rehabilitation
- Riparian Rehabilitation

Other Waters Rehabilitation
- Other Waters Rehabilitation
- Repair Headcut or Eroding Bank

Oak Woodland Establishment
- Oak Woodland Establishment

Stream Categories
- Category I Riparian Corridor
- Category II Riparian Corridor
- Category III Riparian Corridor

N



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Sheet M-14

Other Waters Line Transect Locations Niesen

APN 108-040-02

Willits Bypass Project

Offsite Mitigation Parcel
Other Waters Line Transect

Bypass Project Footprint
Permanent Impact Area
Temporary Impact Area
Right of Way
Grazing

Wetland Management

Wetland Establishment
Group 1
Group 2

Wetland Rehabilitation
Grazing
Type 1
Type 2
Type 3
Type 4
Type 5

Riparian Establishment
Riparian Establishment

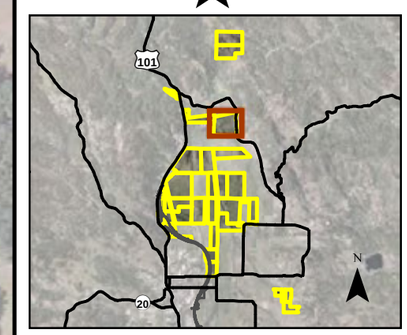
Riparian Rehabilitation
Riparian Rehabilitation

Other Waters Rehabilitation
Other Waters Rehabilitation
Repair Headcut or Eroding Bank

Oak Woodland Establishment
Oak Woodland Establishment

Stream Categories
Category I Riparian Corridor
Category II Riparian Corridor
Category III Riparian Corridor

N



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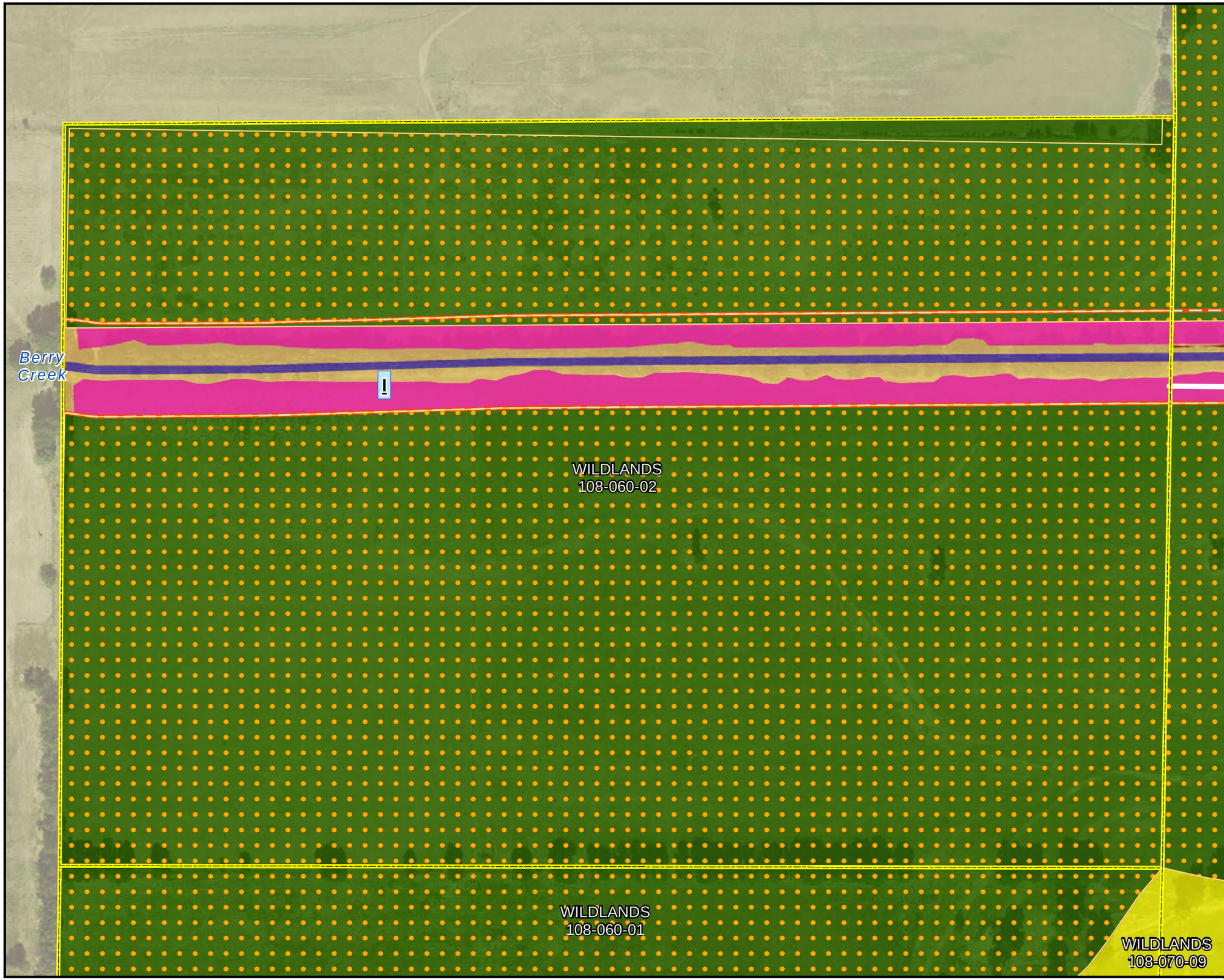
Sheet M-15

Other Waters Line Transect Locations Watson

APN 037-221-30

Willits Bypass Project



Offsite Mitigation Parcel
Other Waters Line Transect

Bypass Project Footprint
- Permanent Impact Area
- Temporary Impact Area
- Right of Way
- Grazing

Wetland Management

Wetland Establishment
- Group 1
- Group 2

Wetland Rehabilitation
- Grazing
- Type 1
- Type 2
- Type 3
- Type 4
- Type 5

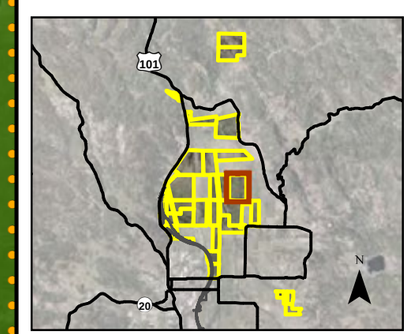
Riparian Establishment
- Riparian Establishment

Riparian Rehabilitation
- Riparian Rehabilitation

Other Waters Rehabilitation
- Other Waters Rehabilitation
- Repair Headcut or Eroding Bank

Oak Woodland Establishment
- Oak Woodland Establishment

Stream Categories
- Category I Riparian Corridor
- Category II Riparian Corridor
- Category III Riparian Corridor



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Sheet M-16

Other Waters Line Transect Locations Wildlands

APN 108-060-02

Willits Bypass Project

Offsite Mitigation Parcel
Other Waters Line Transect

Bypass Project Footprint
Permanent Impact Area
Temporary Impact Area
Right of Way
Grazing

Wetland Management

Wetland Establishment
Group 1
Group 2

Wetland Rehabilitation
Grazing
Type 1
Type 2
Type 3
Type 4
Type 5

Riparian Establishment
Riparian Establishment

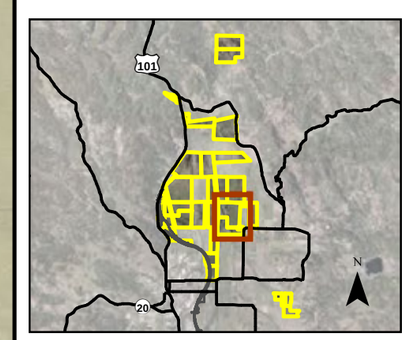
Riparian Rehabilitation
Riparian Rehabilitation

Other Waters Rehabilitation
Other Waters Rehabilitation
Repair Headcut or Eroding Bank

Oak Woodland Establishment
Oak Woodland Establishment

Stream Categories
Category I Riparian Corridor
Category II Riparian Corridor
Category III Riparian Corridor

N



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Sheet M-17

Other Waters Line Transect Locations Wildlands

APNs 108-030-08, 108-070-08, & 108-070-09

Willits Bypass Project