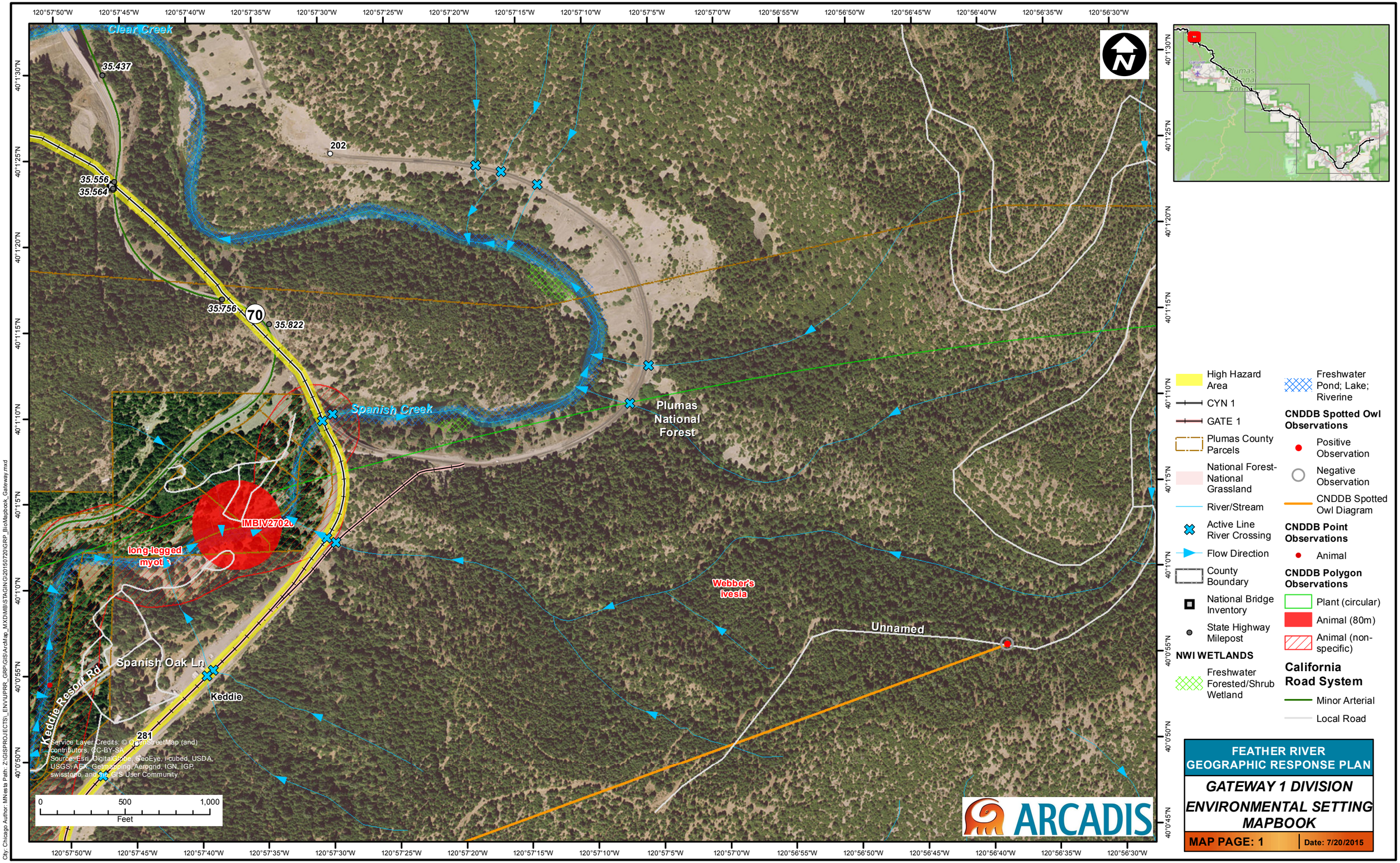
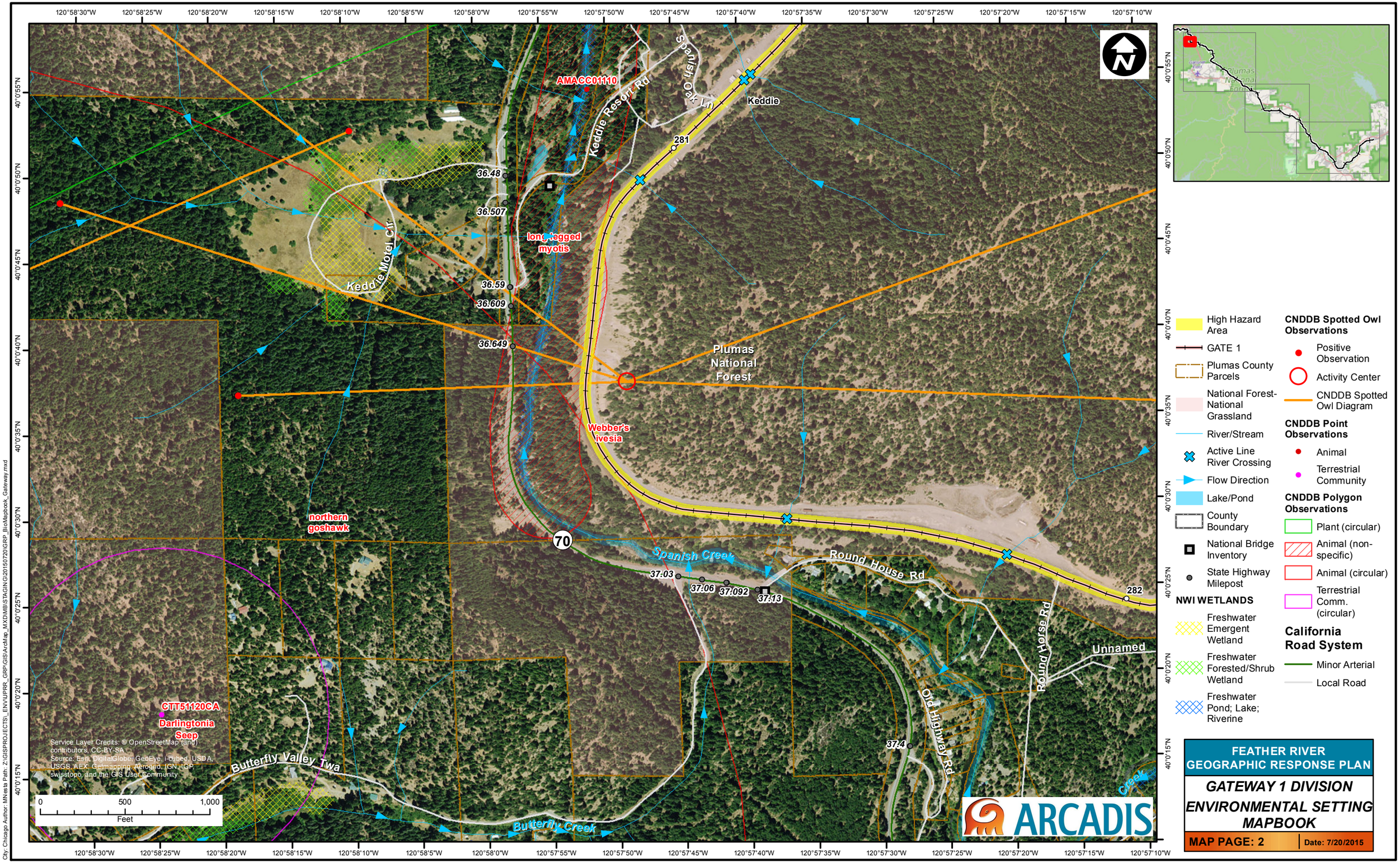


FEATHER RIVER GEOGRAPHIC RESPONSE PLAN

GATEWAY 1 DIVISION ENVIRONMENTAL SETTING MAPBOOK

MAP PAGE: 1

Date: 7/20/2015

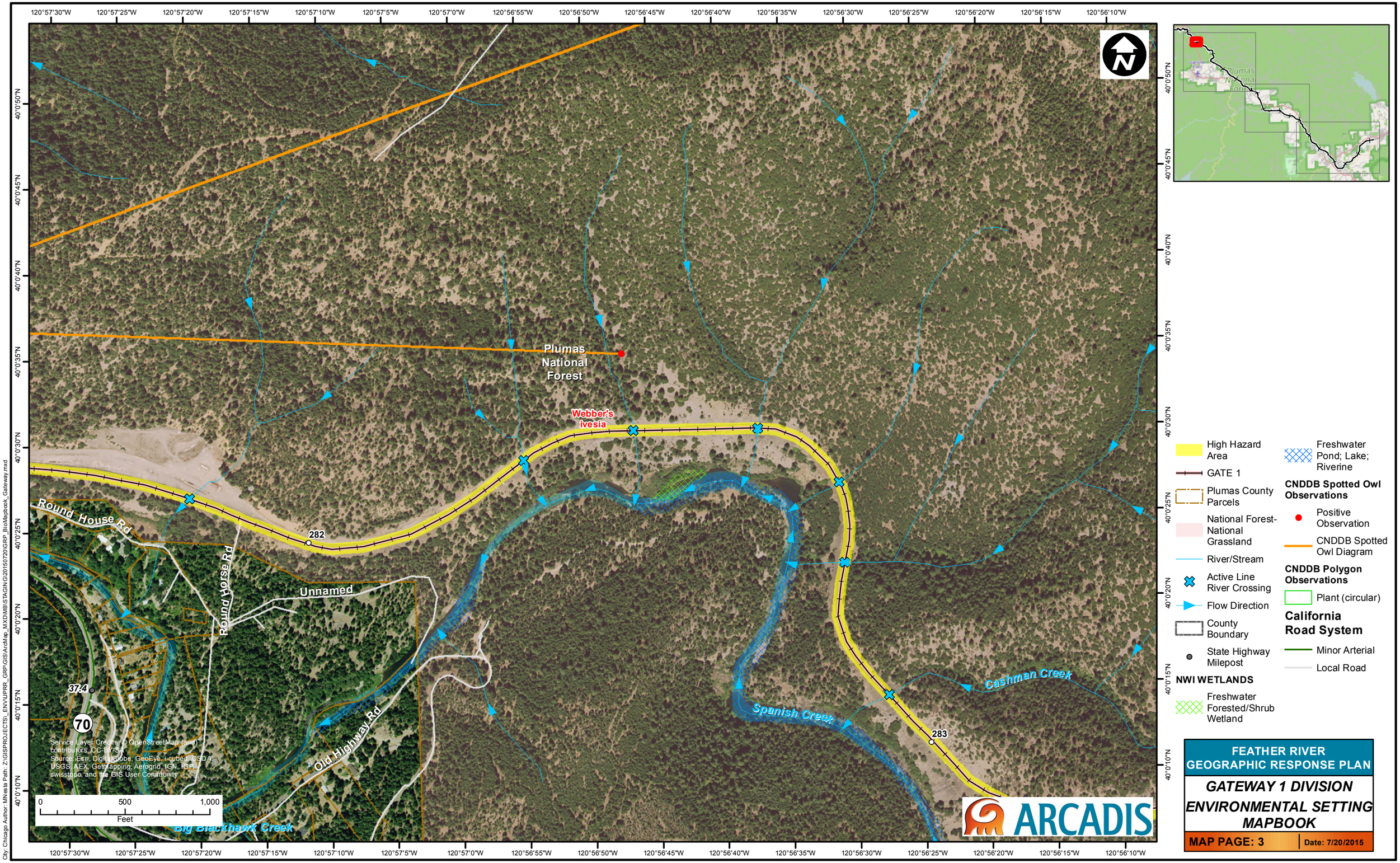


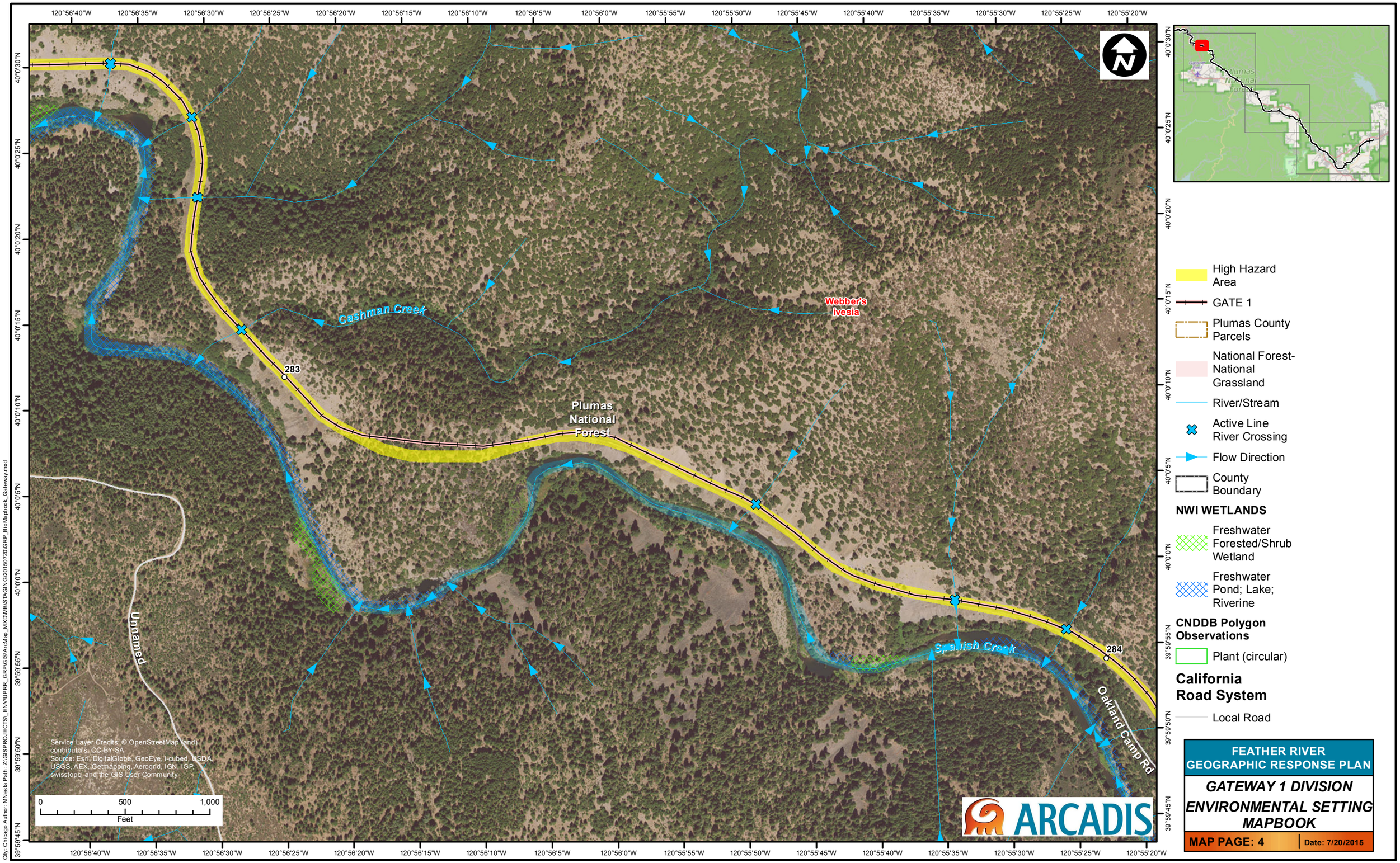
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN

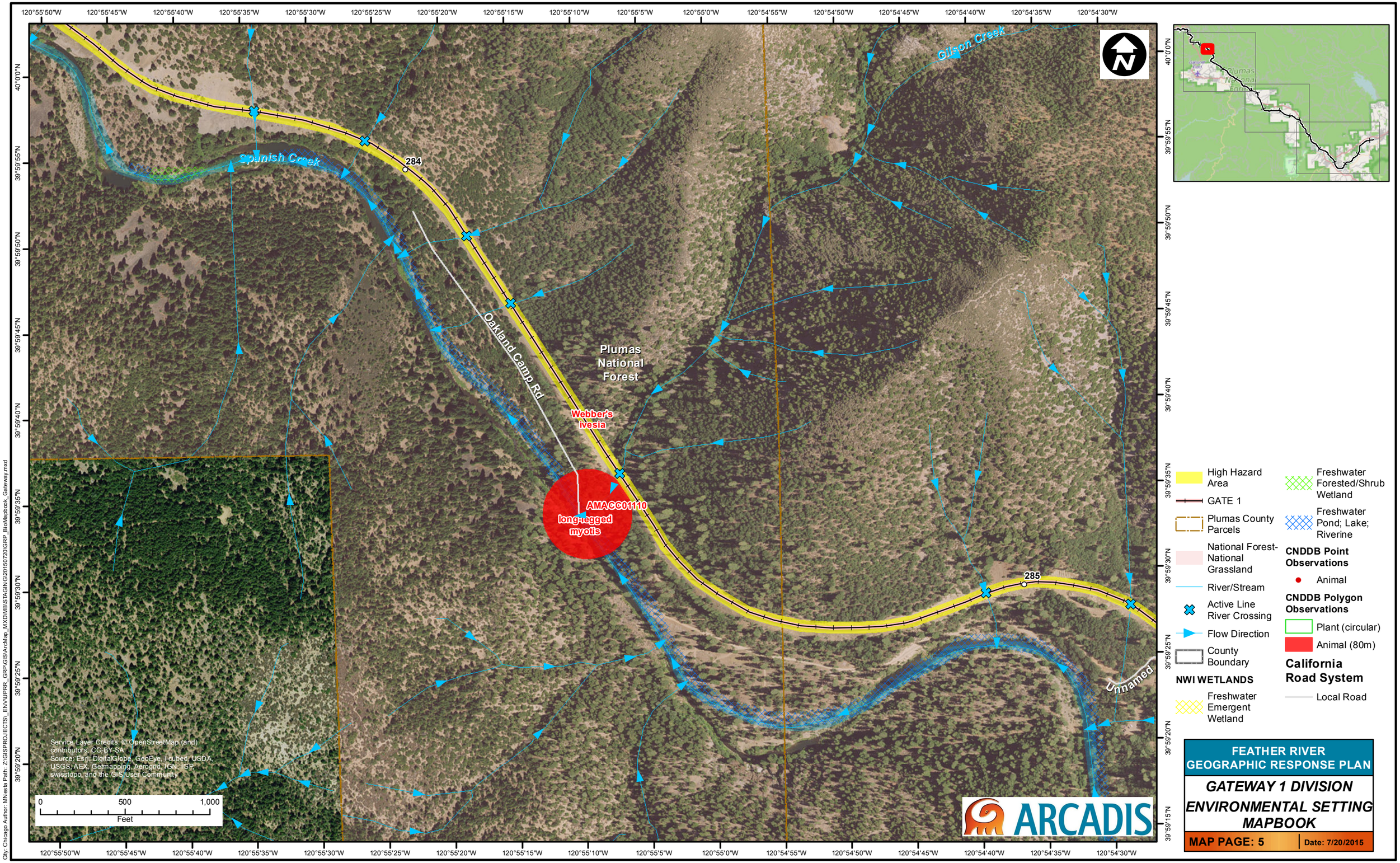
GATEWAY 1 DIVISION ENVIRONMENTAL SETTING MAPBOOK

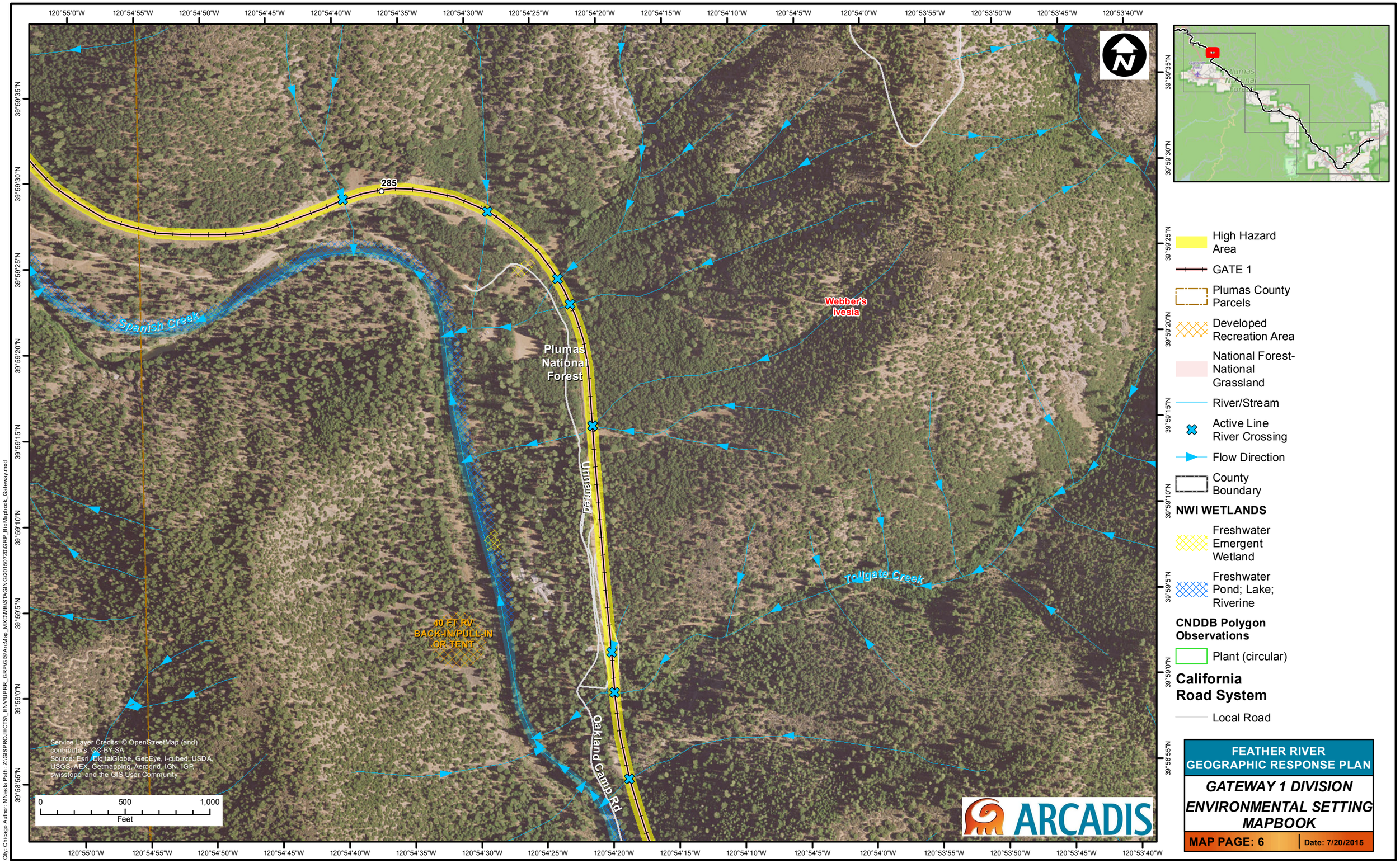
MAP PAGE: 2

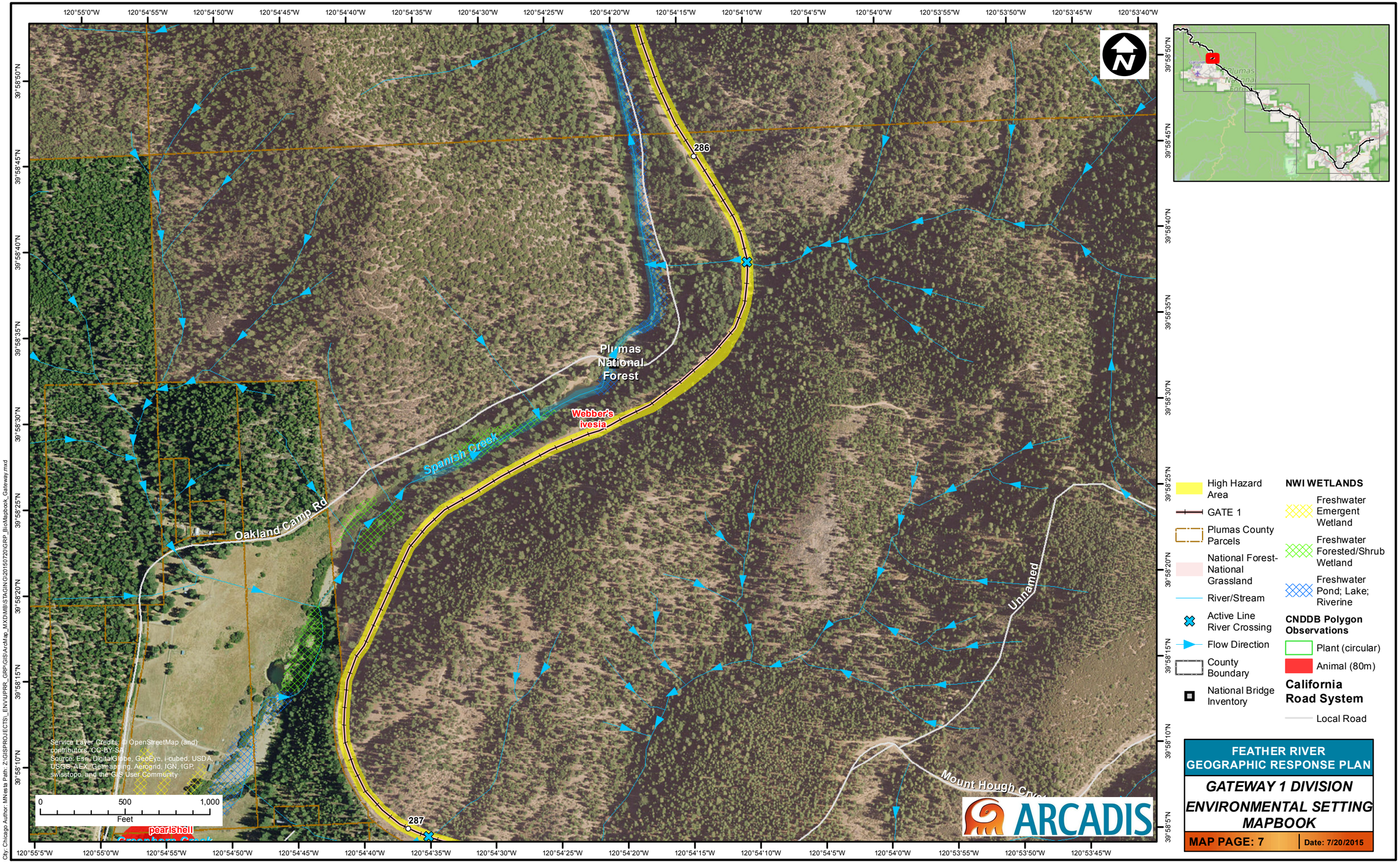
Date: 7/20/2015

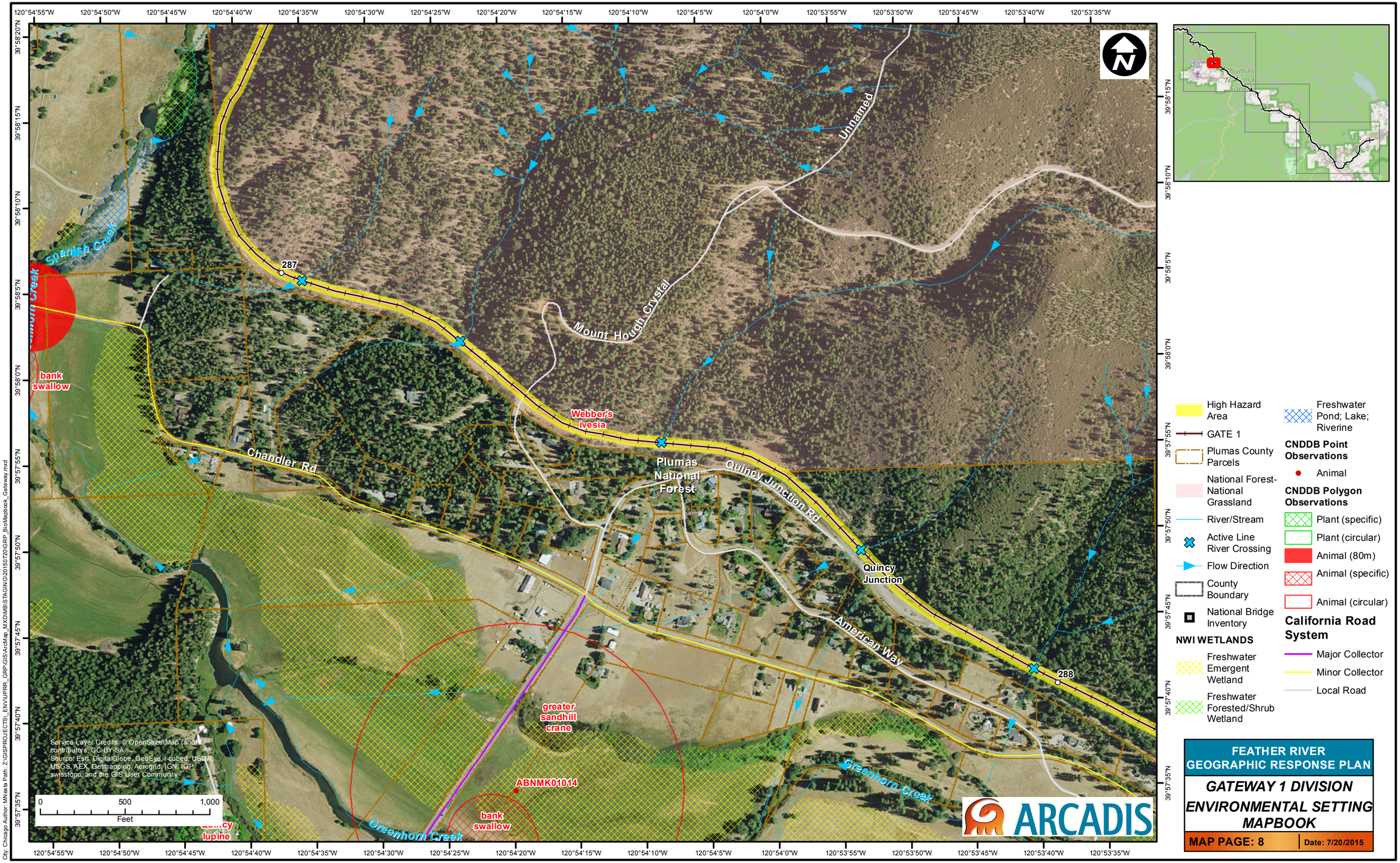

120°57'30"W
120°57'25"W
120°57'20"W
120°57'15"W
120°57'10"W
120°57'5"W
120°57'0"W
120°56'55"W
120°56'50"W
120°56'45"W
120°56'40"W
120°56'35"W
120°56'30"W
120°56'25"W
120°56'20"W
120°56'15"W
120°56'10"W
40°0'50"N
40°0'45"N
40°0'40"N
40°0'35"N
40°0'30"N
40°0'25"N
40°0'20"N
40°0'15"N
40°0'10"N
40°0'5"N
40°0'0"N
Plumas National Forest
Webber's ivesia
Round House Rd
Round Horse Rd
Unnamed
Old Highway Rd
Big Blackhawk Creek
Spanish Creek
Cashman Creek
282
283
37.4
70
Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0
500
1,000
Feet
High Hazard Area
GATE 1
Plumas County Parcels
National Forest-National Grassland
River/Stream
Active Line River Crossing
Flow Direction
County Boundary
State Highway Milepost
NWI WETLANDS
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine
CNDDB Spotted Owl Observations
Positive Observation
CNDDB Spotted Owl Diagram
CNDDB Polygon Observations
Plant (circular)
California Road System
Minor Arterial
Local Road
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 1 DIVISION
ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 3
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd

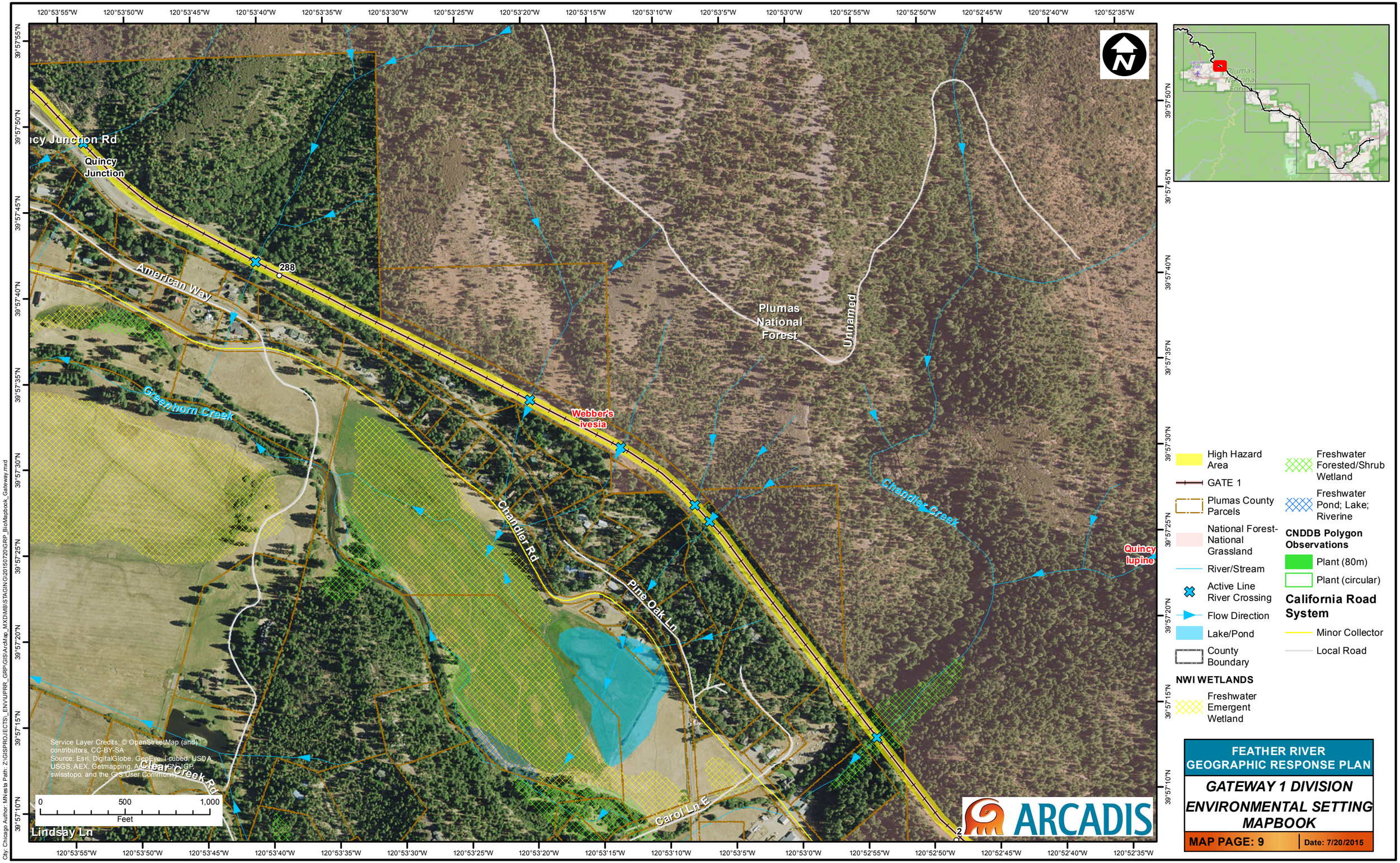

Cashman Creek
Webber's ivesia
Plumas National Forest
283
284
Spanish Creek
Unnamed
Oakland Camp Rd
Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0 500 1,000
Feet
High Hazard Area
GATE 1
Plumas County Parcels
National Forest-National Grassland
River/Stream
Active Line River Crossing
Flow Direction
County Boundary
NWI WETLANDS
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine
CNDDB Polygon Observations
Plant (circular)
California Road System
Local Road
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 1 DIVISION ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 4
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd


Spanish Creek
Gilson Creek
Unnamed
Oakland Camp Rd
Plumas National Forest
Webber's ivesia
AMACC01110
long-legged myotis
284
285
Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0 500 1,000
Feet
High Hazard Area
GATE 1
Plumas County Parcels
National Forest-National Grassland
River/Stream
Active Line River Crossing
Flow Direction
County Boundary
NWI WETLANDS
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine
CNDDB Point Observations
Animal
CNDDB Polygon Observations
Plant (circular)
Animal (80m)
California Road System
Local Road
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 1 DIVISION
ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 5
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd


120°55'0"W
120°54'55"W
120°54'50"W
120°54'45"W
120°54'40"W
120°54'35"W
120°54'30"W
120°54'25"W
120°54'20"W
120°54'15"W
120°54'10"W
120°54'5"W
120°54'0"W
120°53'55"W
120°53'50"W
120°53'45"W
120°53'40"W
39°59'35"N
39°59'30"N
39°59'25"N
39°59'20"N
39°59'15"N
39°59'10"N
39°59'5"N
39°59'0"N
39°58'55"N
285
Spanish Creek
Plumas National Forest
Webber's ivesia
Tollgate Creek
40 FT RV BACK-IN/PULL-IN OR TENT
Oakland Camp Rd
Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0
500
1,000
Feet
High Hazard Area
GATE 1
Plumas County Parcels
Developed Recreation Area
National Forest-National Grassland
River/Stream
Active Line River Crossing
Flow Direction
County Boundary
NWI WETLANDS
Freshwater Emergent Wetland
Freshwater Pond; Lake; Riverine
CNDDB Polygon Observations
Plant (circular)
California Road System
Local Road
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 1 DIVISION ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 6
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd


Plumas National Forest
Webber's ivesia
Spanish Creek
Oakland Camp Rd
Unnamed
Mount Hough Cr
pearl shell
286
287
Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0 500 1,000
Feet
High Hazard Area
GATE 1
Plumas County Parcels
National Forest-National Grassland
River/Stream
Active Line River Crossing
Flow Direction
County Boundary
National Bridge Inventory
NWI WETLANDS
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine
CNDDB Polygon Observations
Plant (circular)
Animal (80m)
California Road System
Local Road
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 1 DIVISION
ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 7
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MBSTAGING\20150720\GRP_BioMapbook_Gateway.mxd


Spanish Creek
Unnamed Creek
bank swallow
287
Unnamed
Mount Hough Crystal
Webber's ivesia
Chandler Rd
Plumas National Forest
Quincy Junction Rd
Quincy Junction
American Way
288
greater sandhill crane
ABNMK01014
bank swallow
Greenhorn Creek
Quincy lupine
Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0 500 1,000
Feet
High Hazard Area
GATE 1
Plumas County Parcels
National Forest-National Grassland
River/Stream
Active Line River Crossing
Flow Direction
County Boundary
National Bridge Inventory
NWI WETLANDS
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine
CNDDB Point Observations
Animal
CNDDB Polygon Observations
Plant (specific)
Plant (circular)
Animal (80m)
Animal (specific)
Animal (circular)
California Road System
Major Collector
Minor Collector
Local Road
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 1 DIVISION ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 8
Date: 7/20/2015
City: Chicago Author: MNiesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd

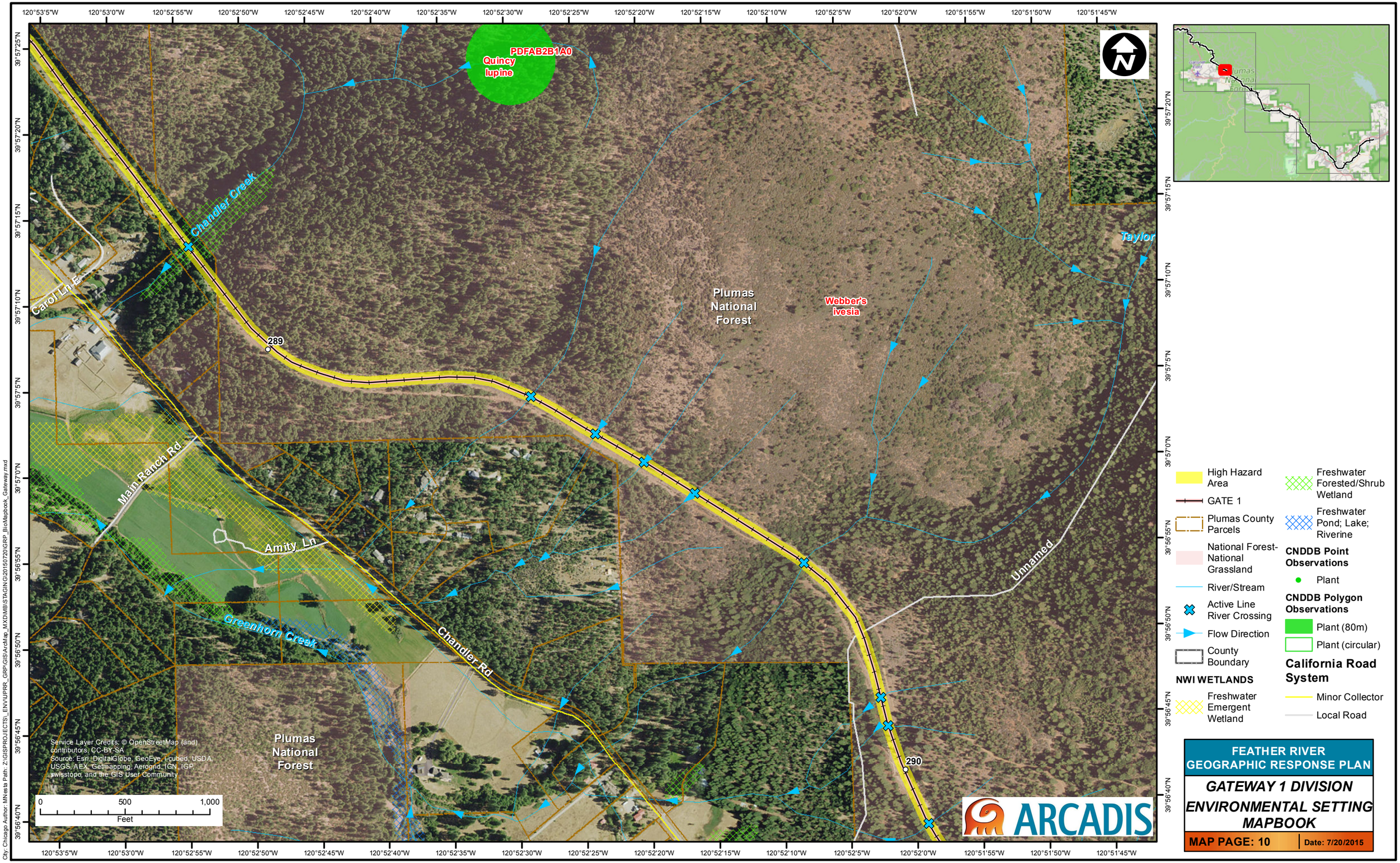


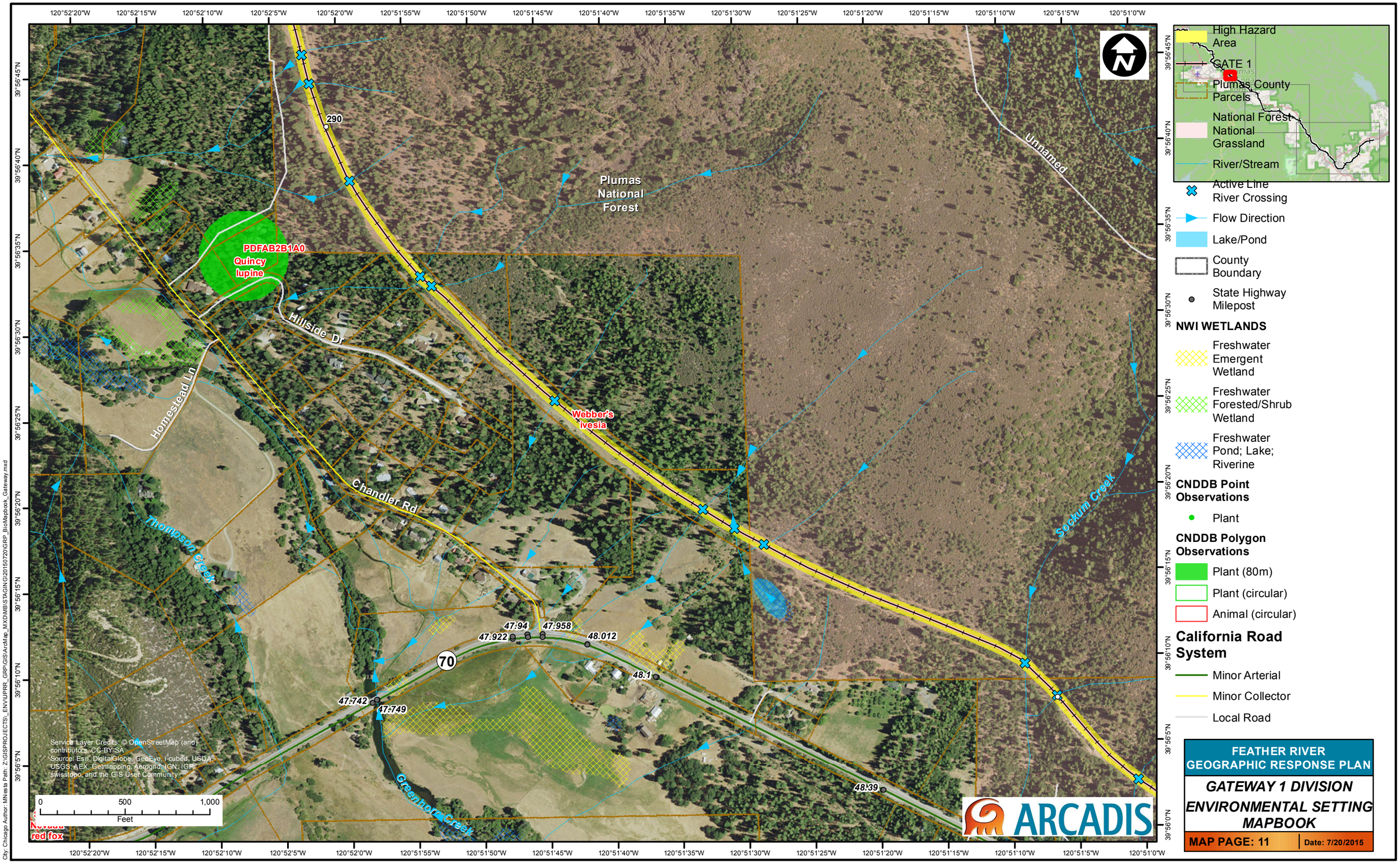
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN

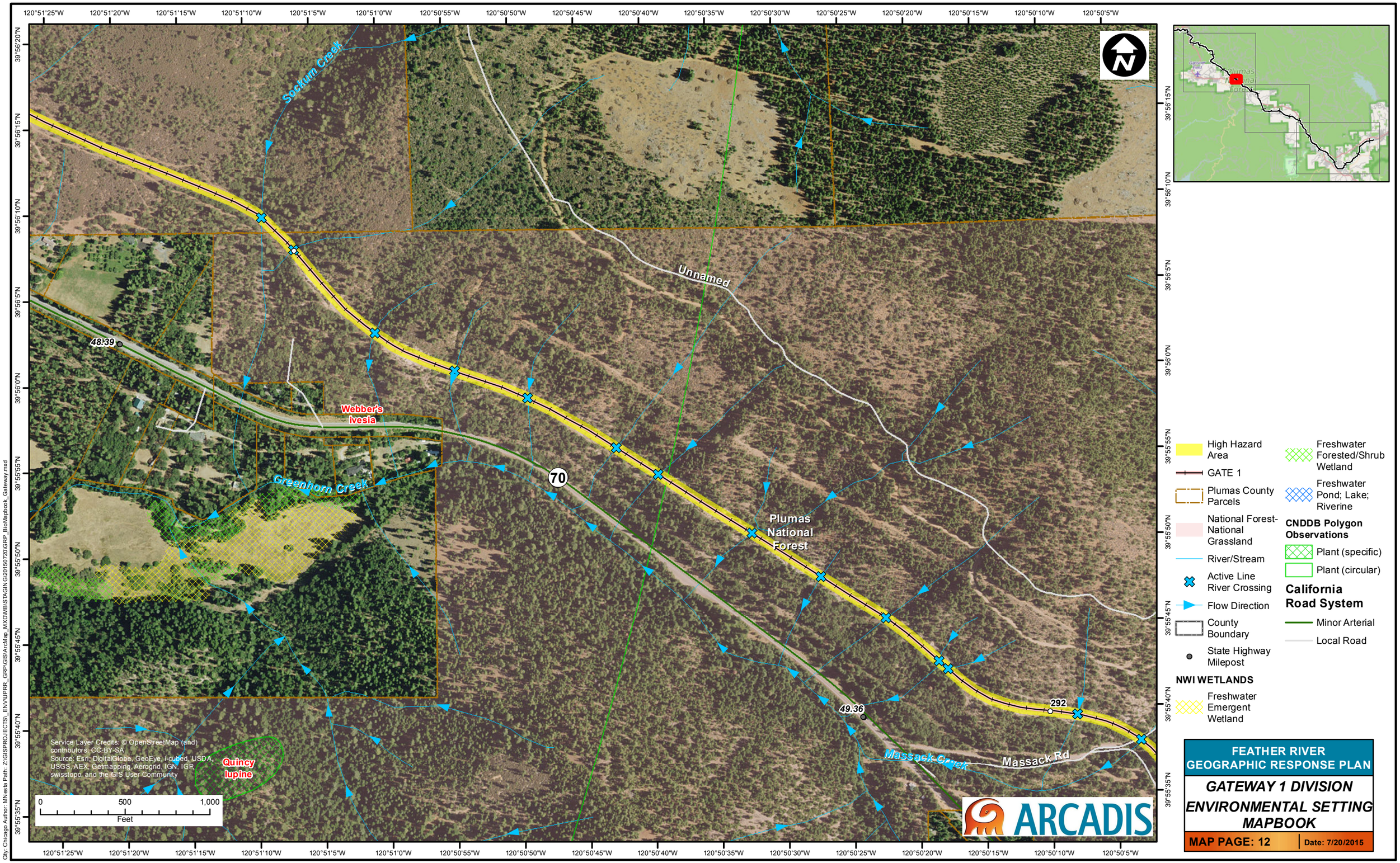
GATEWAY 1 DIVISION ENVIRONMENTAL SETTING MAPBOOK

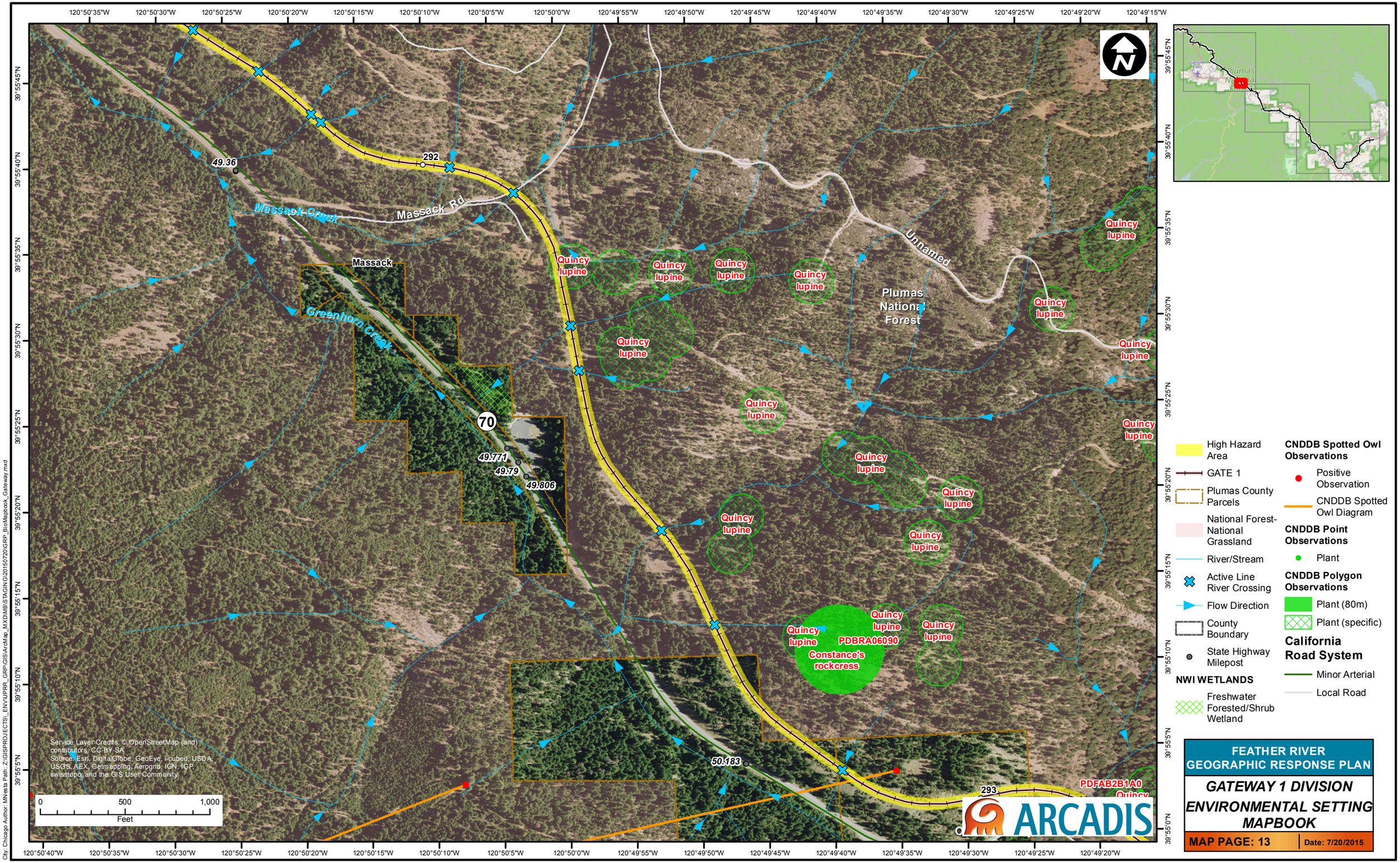
MAP PAGE: 9

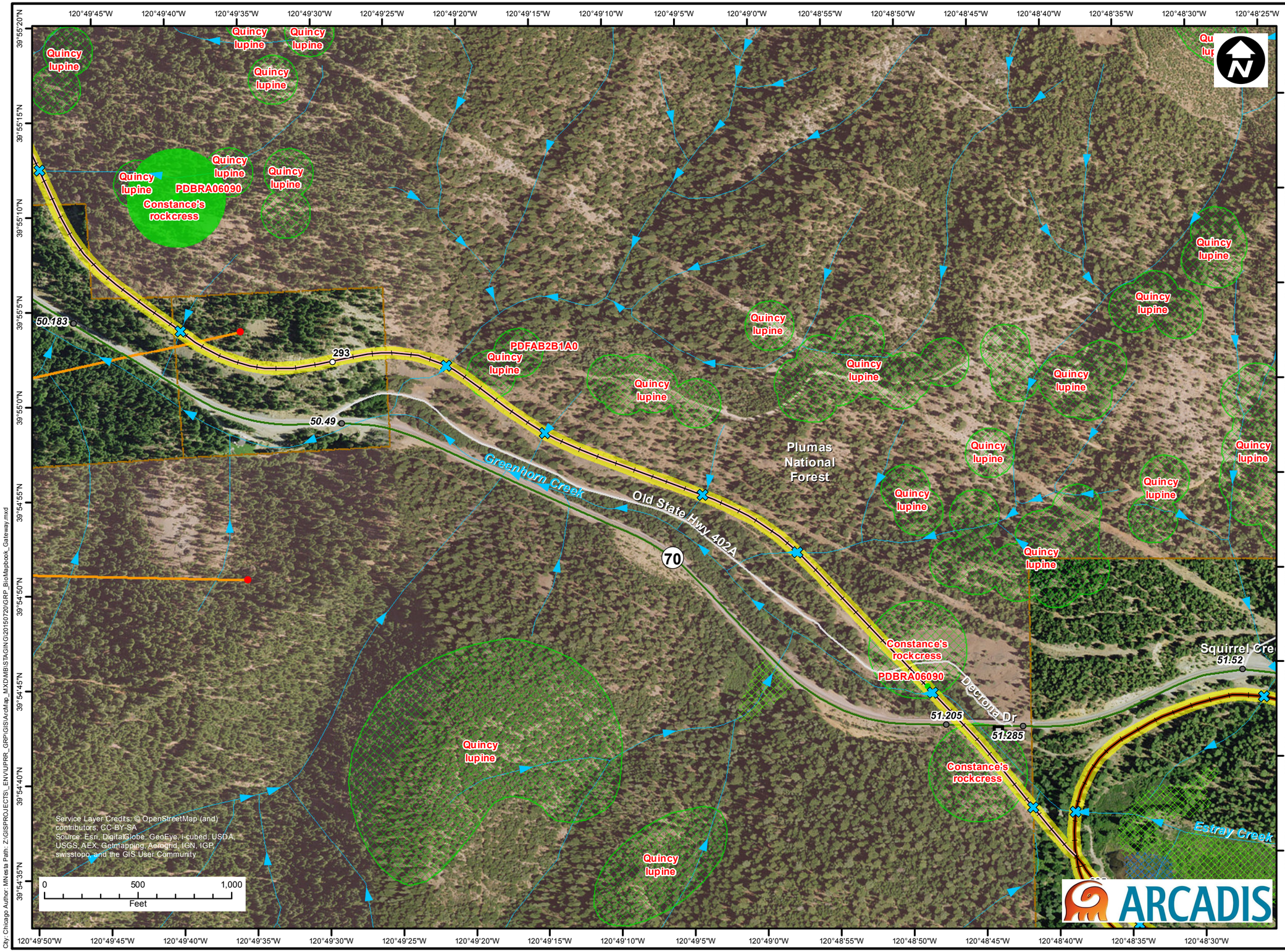
Date: 7/20/2015


PDFAB2B1A0
Quincy lupine
Webber's ivesia
Plumas National Forest
Chandler Creek
Carol Ln E
Main Ranch Rd
Amity Ln
Greenhorn Creek
Chandler Rd
Taylor
Unnamed
289
290
Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0 500 1,000
Feet
High Hazard Area
GATE 1
Plumas County Parcels
National Forest-National Grassland
River/Stream
Active Line River Crossing
Flow Direction
County Boundary
NWI WETLANDS
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine
CNDDB Point Observations
Plant
CNDDB Polygon Observations
Plant (80m)
Plant (circular)
California Road System
Minor Collector
Local Road
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 1 DIVISION
ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 10
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd


Plumas National Forest
PDFAB2B1A0
Quincy lupine
Webber's ivesia
Hillside Dr
Homestead Ln
Chandler Rd
Thompson Creek
Greenhorn Creek
Sockum Creek
Unnamed
290
70
47.94
47.958
47.922
48.012
48.1
47.742
47.749
48.39
Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0 500 1,000
Feet
High Hazard Area
GATE 1
Plumas County Parcels
National Forest
National Grassland
River/Stream
Active Line River Crossing
Flow Direction
Lake/Pond
County Boundary
State Highway Milepost
NWI WETLANDS
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine
CNDDB Point Observations
Plant
CNDDB Polygon Observations
Plant (80m)
Plant (circular)
Animal (circular)
California Road System
Minor Arterial
Minor Collector
Local Road
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 1 DIVISION
ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 11
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MBS\TAGIN\20150720\GRP_BioMapbook_Gateway.mxd


Sockum Creek
Unnamed
Webber's ivesia
Greenhorn Creek
70
Plumas National Forest
48.39
49.36
292
Massack Creek
Massack Rd
Quincy lupine
Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0 500 1,000
Feet
High Hazard Area
GATE 1
Plumas County Parcels
National Forest-National Grassland
River/Stream
Active Line River Crossing
Flow Direction
County Boundary
State Highway Milepost
NWI WETLANDS
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine
CNDDB Polygon Observations
Plant (specific)
Plant (circular)
California Road System
Minor Arterial
Local Road
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 1 DIVISION
ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 12
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GIS\PROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd


Massack Creek
Massack Rd
Massack
Greenhorn Creek
Unnamed
Plumas National Forest
70
49.36
292
49.771
49.79
49.806
50.183
293
Quincy lupine
PDBRA06090
Constance's rockcress
PDFAB2B1A0
High Hazard Area
GATE 1
Plumas County Parcels
National Forest-National Grassland
River/Stream
Active Line River Crossing
Flow Direction
County Boundary
State Highway Milepost
NWI WETLANDS
Freshwater Forested/Shrub Wetland
CNDDB Spotted Owl Observations
Positive Observation
CNDDB Spotted Owl Diagram
CNDDB Point Observations
Plant
CNDDB Polygon Observations
Plant (80m)
Plant (specific)
California Road System
Minor Arterial
Local Road
Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0 500 1,000 Feet
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 1 DIVISION
ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 13
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd



High Hazard Area
GATE 1
GATE 2
Plumas County Parcels
National Forest-National Grassland
River/Stream
Active Line River Crossing
Flow Direction
County Boundary
National Bridge Inventory
State Highway Milepost

NWI WETLANDS

Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine

CNDDB Spotted Owl Observations

Positive Observation
CNDDB Spotted Owl Diagram

CNDDB Point Observations

Plant

CNDDB Polygon Observations

Plant (80m)
Plant (specific)

California Road System

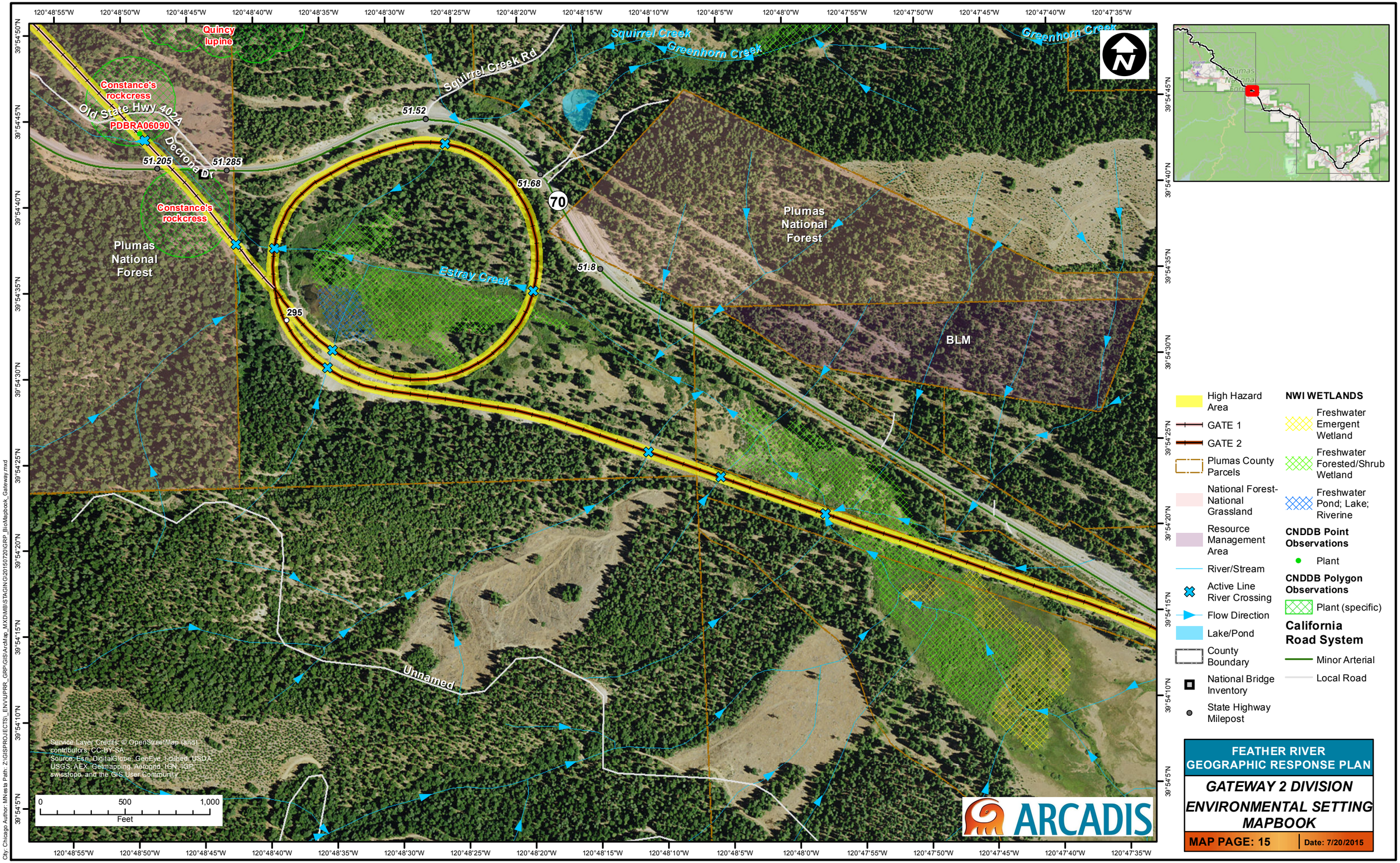
Minor Arterial
Local Road

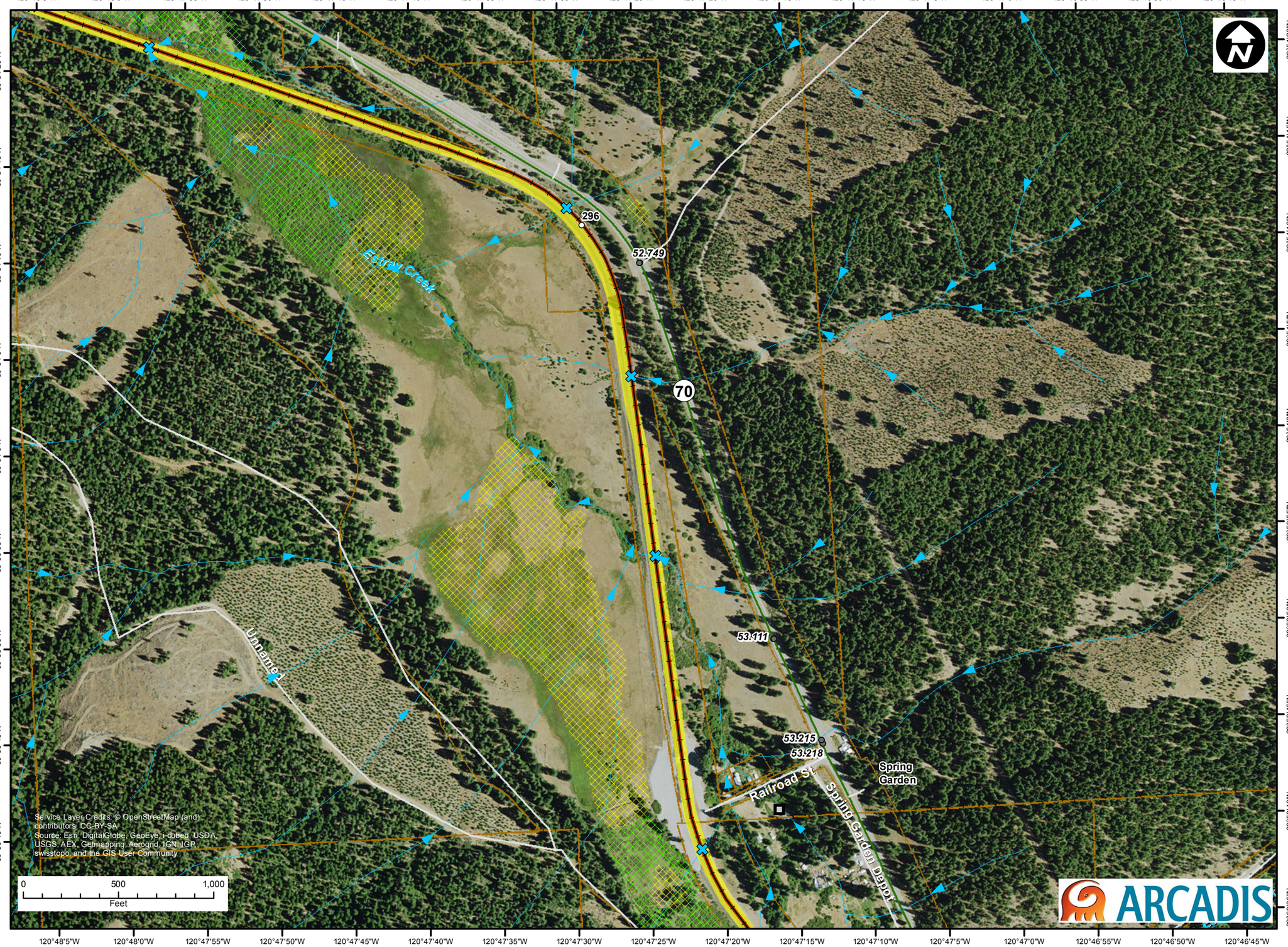
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN

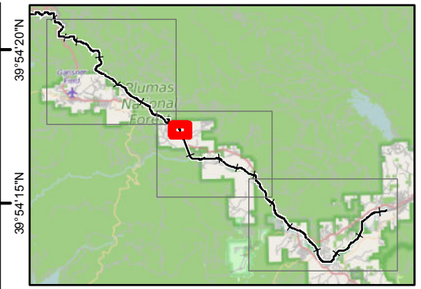
GATEWAY 1 DIVISION ENVIRONMENTAL SETTING MAPBOOK

MAP PAGE: 14 | **Date: 7/20/2015**

City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd


Quincy lupine
Constance's rockcress
Old State Hwy 40 2A
PDBRA06090
Decrona Dr
Constance's rockcress
Plumas National Forest
Squirrel Creek Rd
Squirrel Creek
Greenhorn Creek
Greenhorn Creek
51.52
51.205
51.285
51.68
70
51.8
295
Estray Creek
Plumas National Forest
BLM
Unnamed
Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0 500 1,000
Feet
High Hazard Area
GATE 1
GATE 2
Plumas County Parcels
National Forest-National Grassland
Resource Management Area
River/Stream
Active Line River Crossing
Flow Direction
Lake/Pond
County Boundary
National Bridge Inventory
State Highway Milepost
NWI WETLANDS
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine
CNDDB Point Observations
Plant
CNDDB Polygon Observations
Plant (specific)
California Road System
Minor Arterial
Local Road
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 2 DIVISION
ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 15
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd





High Hazard Area

GATE 2

Plumas County Parcels

River/Stream

Active Line River Crossing

Flow Direction

County Boundary

National Bridge Inventory

State Highway Milepost

NWI WETLANDS

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

California Road System

Minor Arterial

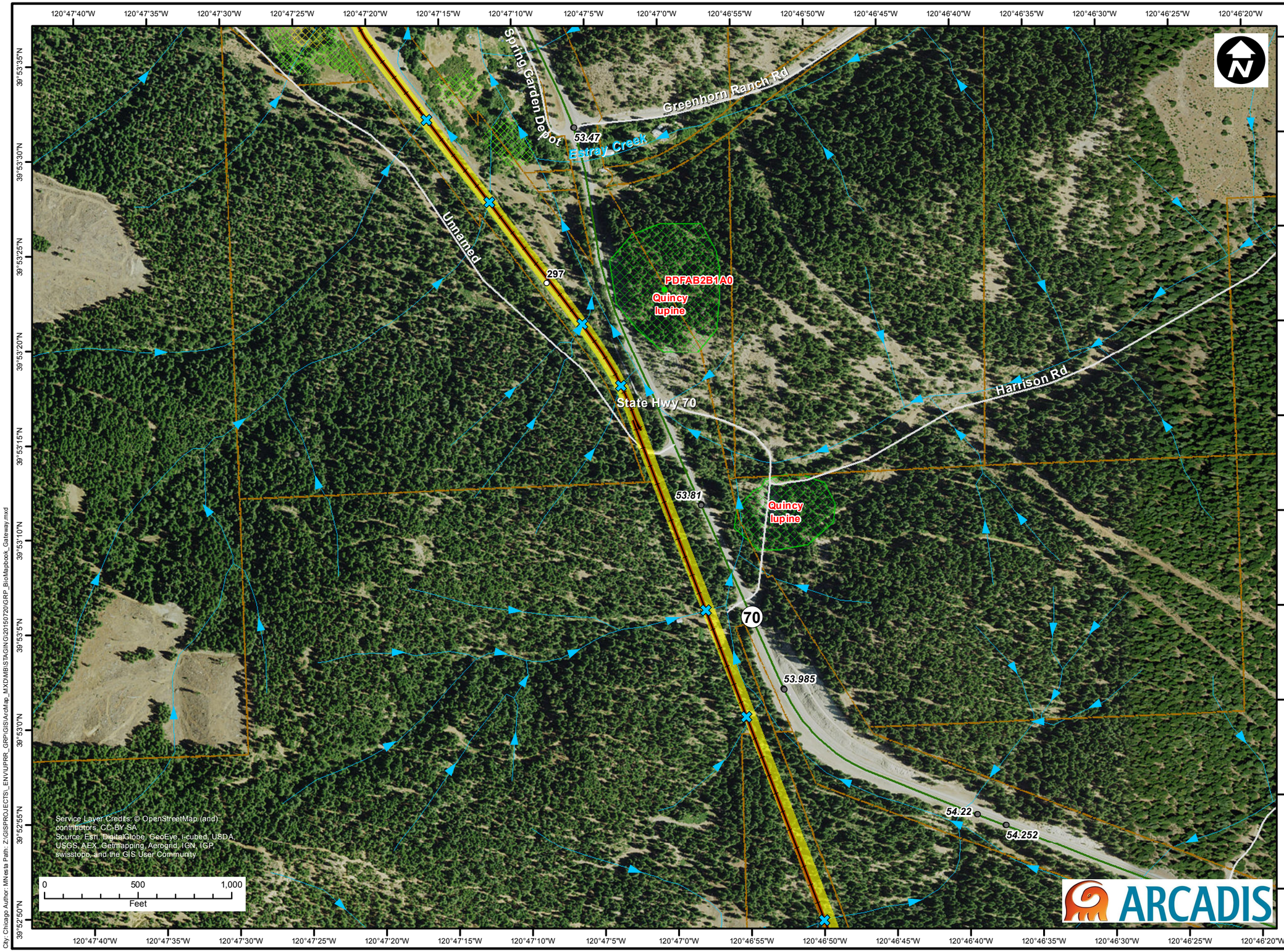
Local Road

FEATHER RIVER GEOGRAPHIC RESPONSE PLAN

GATEWAY 2 DIVISION ENVIRONMENTAL SETTING MAPBOOK

MAP PAGE: 16 | **Date: 7/20/2015**

City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd



High Hazard Area
GATE 2
Plumas County Parcels
River/Stream
Active Line River Crossing
Flow Direction
County Boundary
State Highway Milepost

NWI WETLANDS

Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland

CNDDB Point Observations

Plant

CNDDB Polygon Observations

Plant (specific)

California Road System

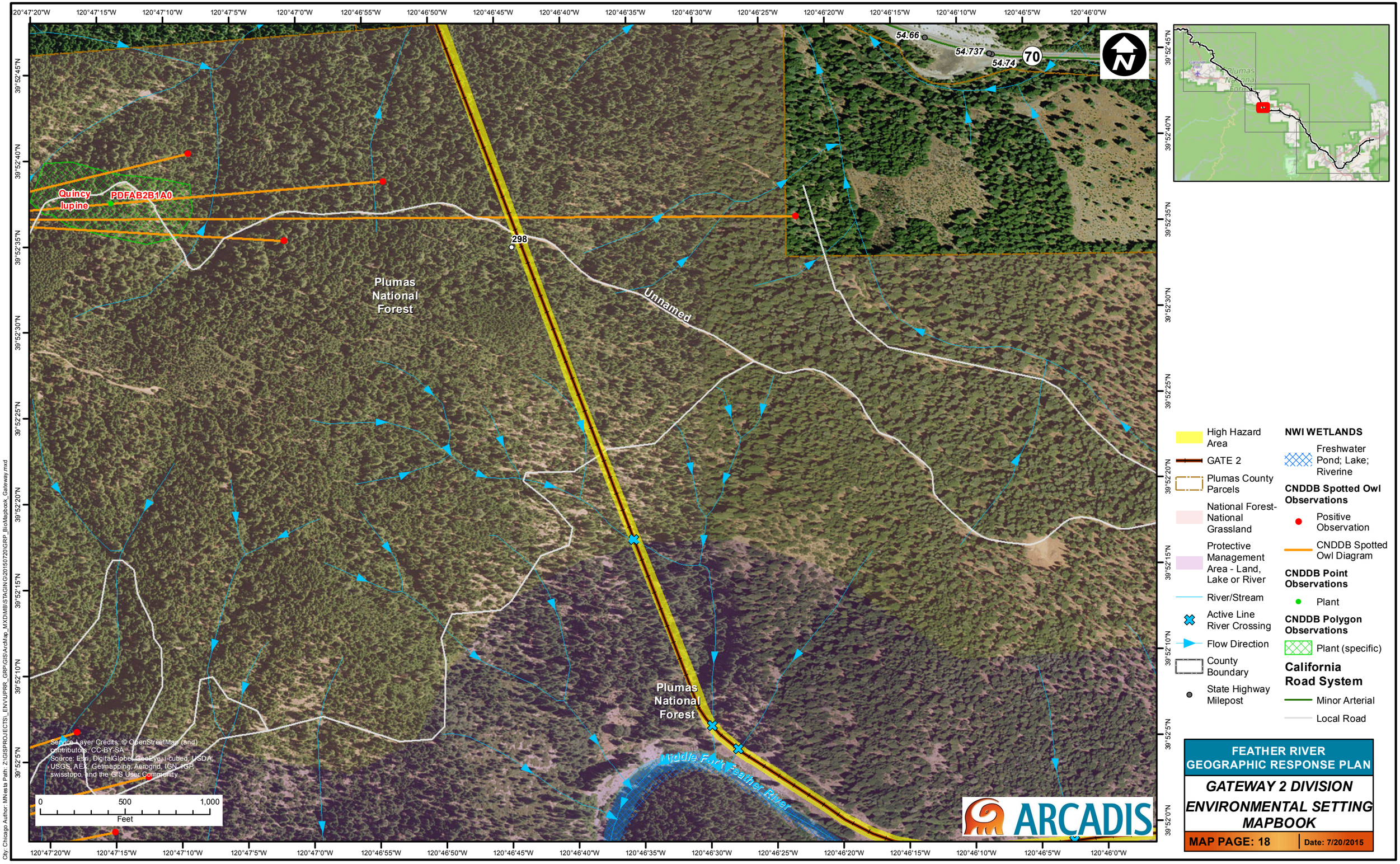
Minor Arterial
Local Road

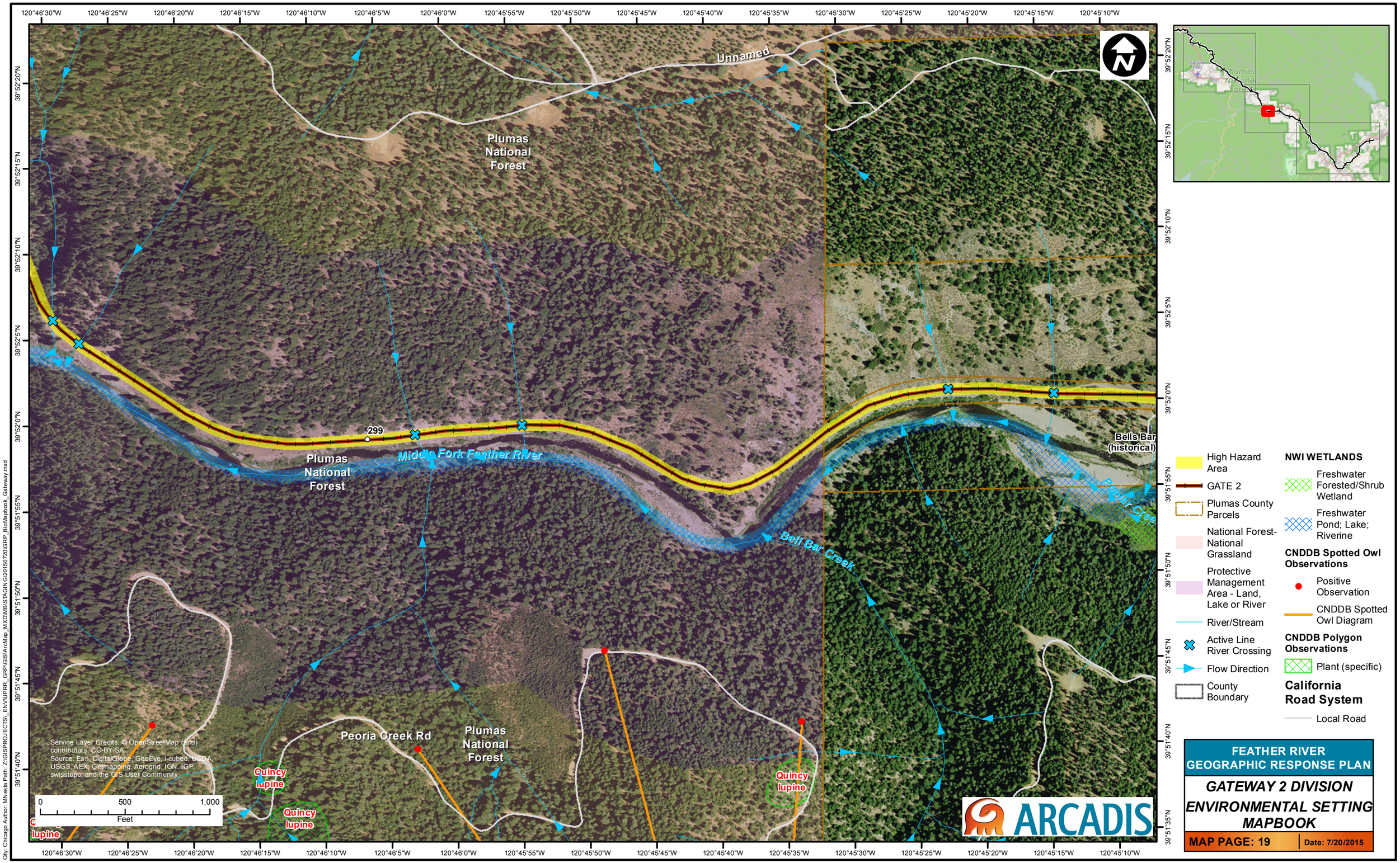
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN

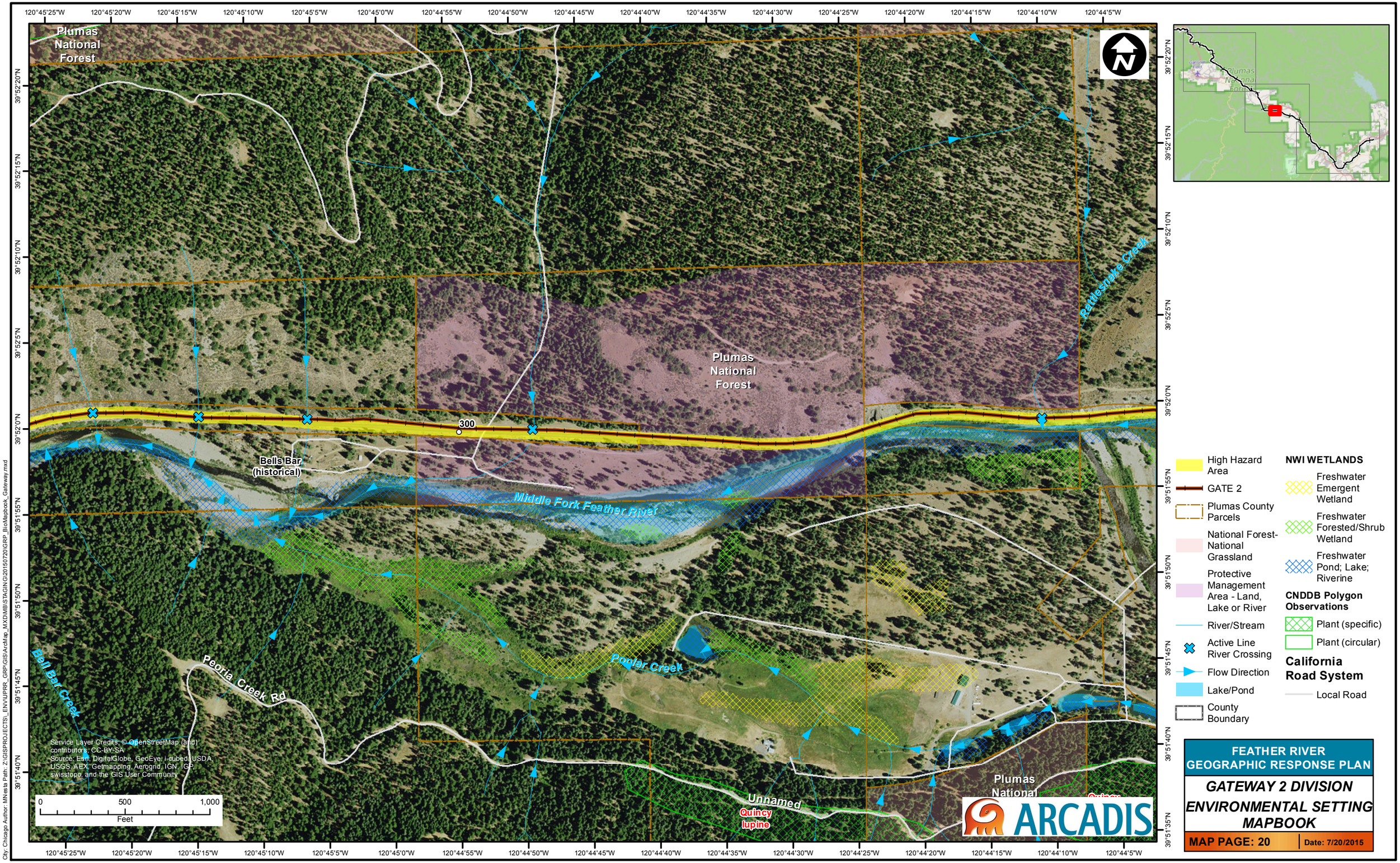
GATEWAY 2 DIVISION ENVIRONMENTAL SETTING MAPBOOK

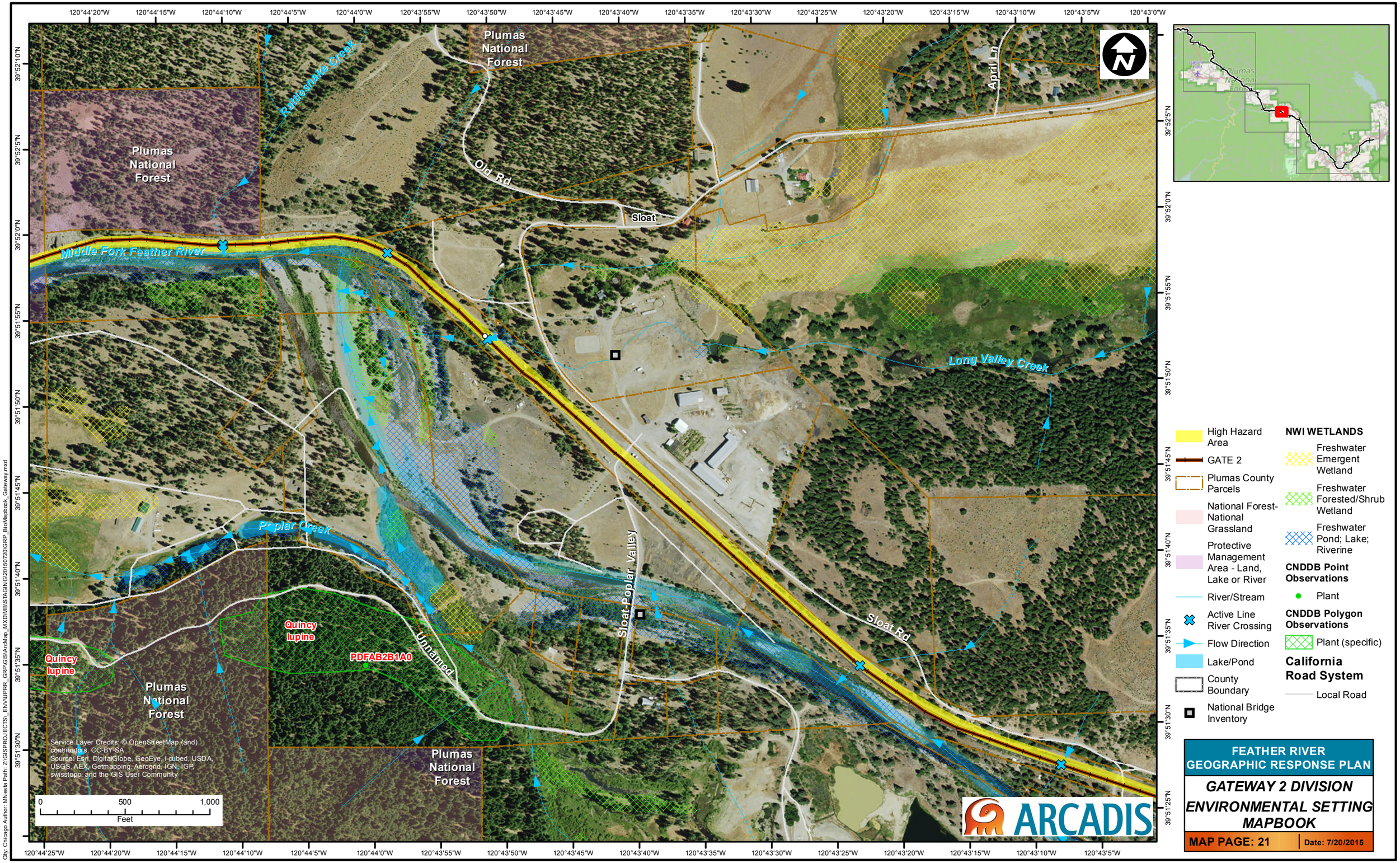
MAP PAGE: 17 | **Date: 7/20/2015**

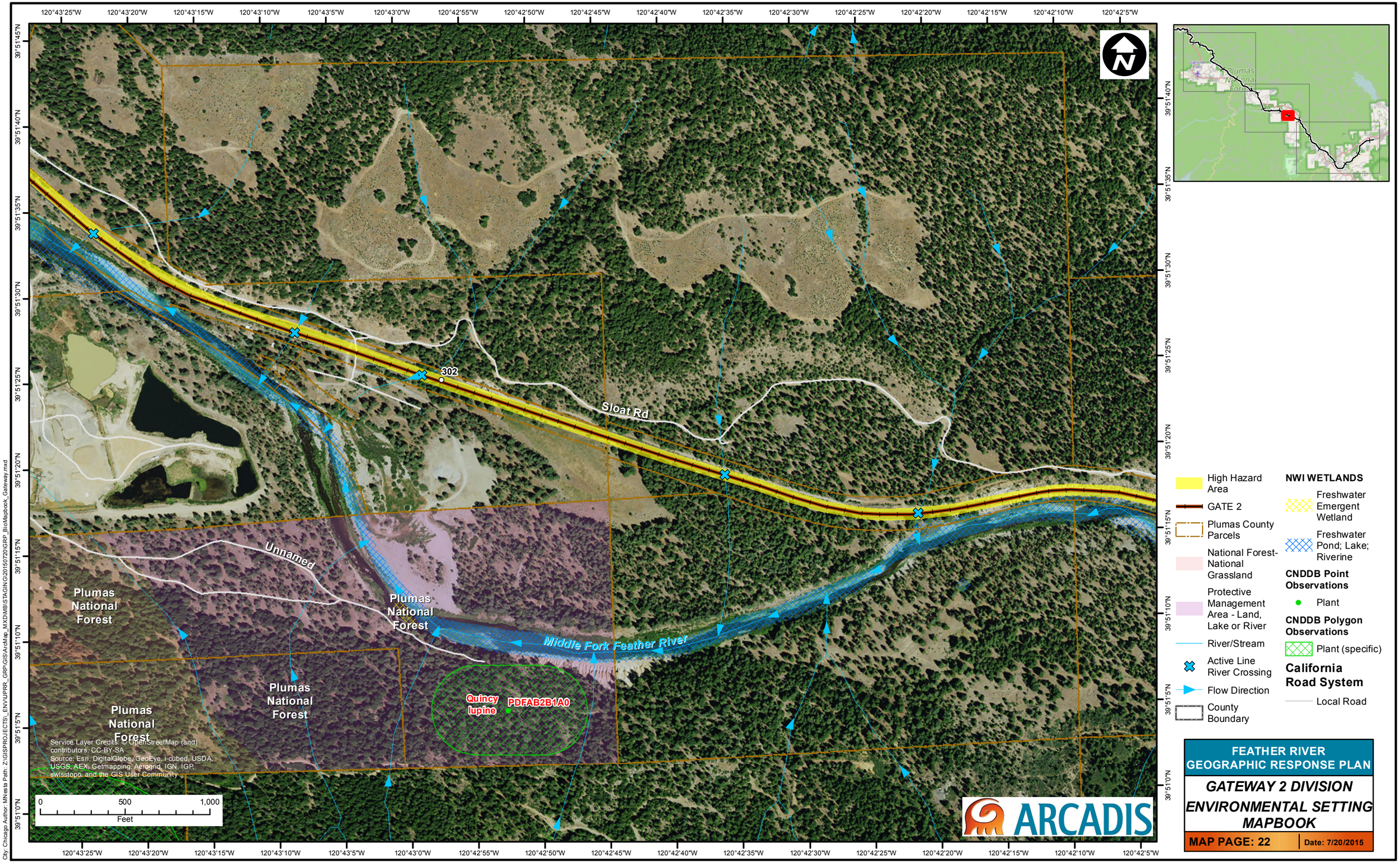
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXDMB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd

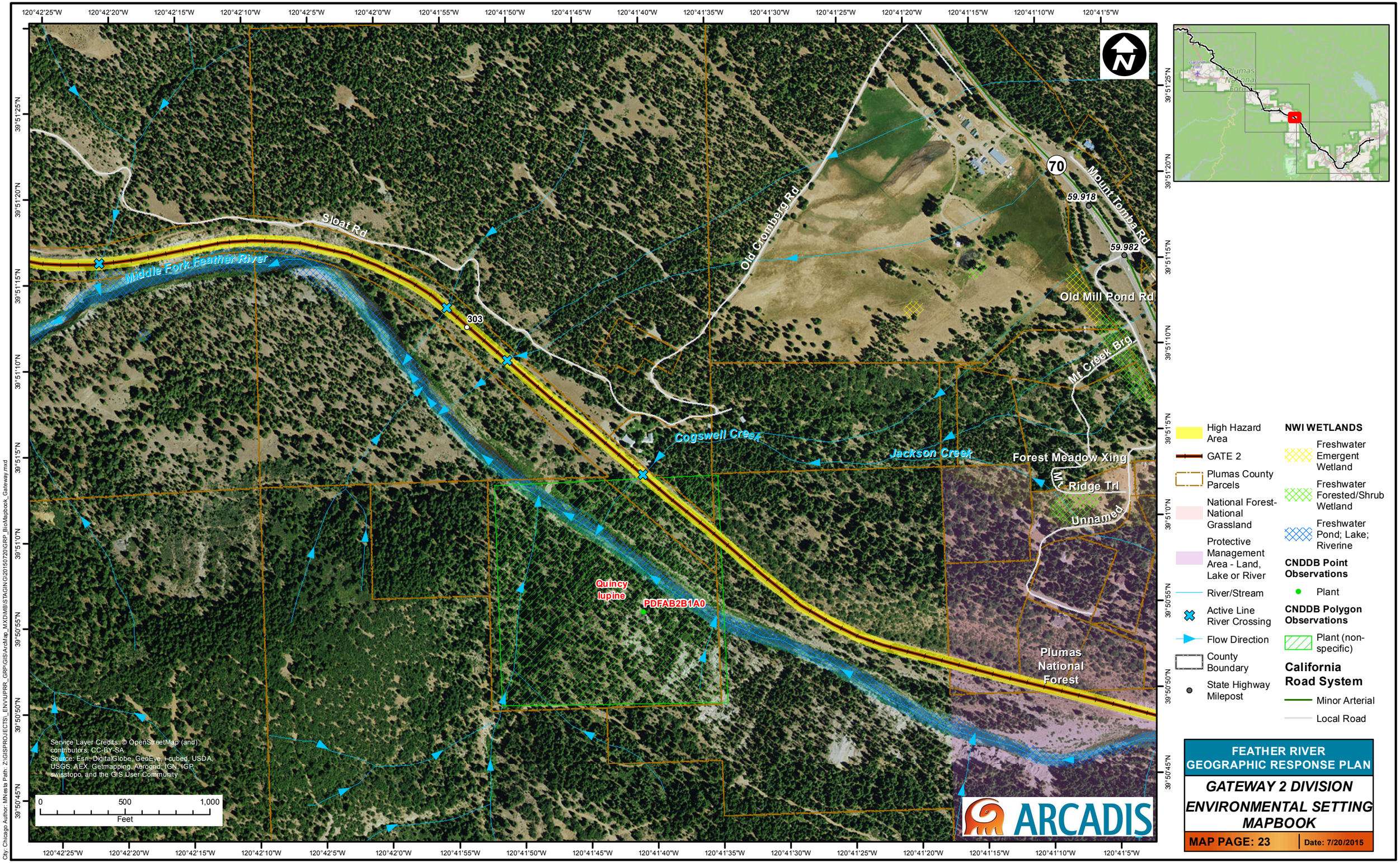

Quincy lupine
PDFAB2B1A0
298
Plumas National Forest
Unnamed
Plumas National Forest
Middle Fork Feather River
54.66
54.737
54.74
70
Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0
500
1,000
Feet
High Hazard Area
GATE 2
Plumas County Parcels
National Forest-National Grassland
Protective Management Area - Land, Lake or River
River/Stream
Active Line River Crossing
Flow Direction
County Boundary
State Highway Milepost
NWI WETLANDS
Freshwater Pond; Lake; Riverine
CNDDB Spotted Owl Observations
Positive Observation
CNDDB Spotted Owl Diagram
CNDDB Point Observations
Plant
CNDDB Polygon Observations
Plant (specific)
California Road System
Minor Arterial
Local Road
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 2 DIVISION
ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 18
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MBS\TAGING\20150720\GRP_BioMapbook_Gateway.mxd

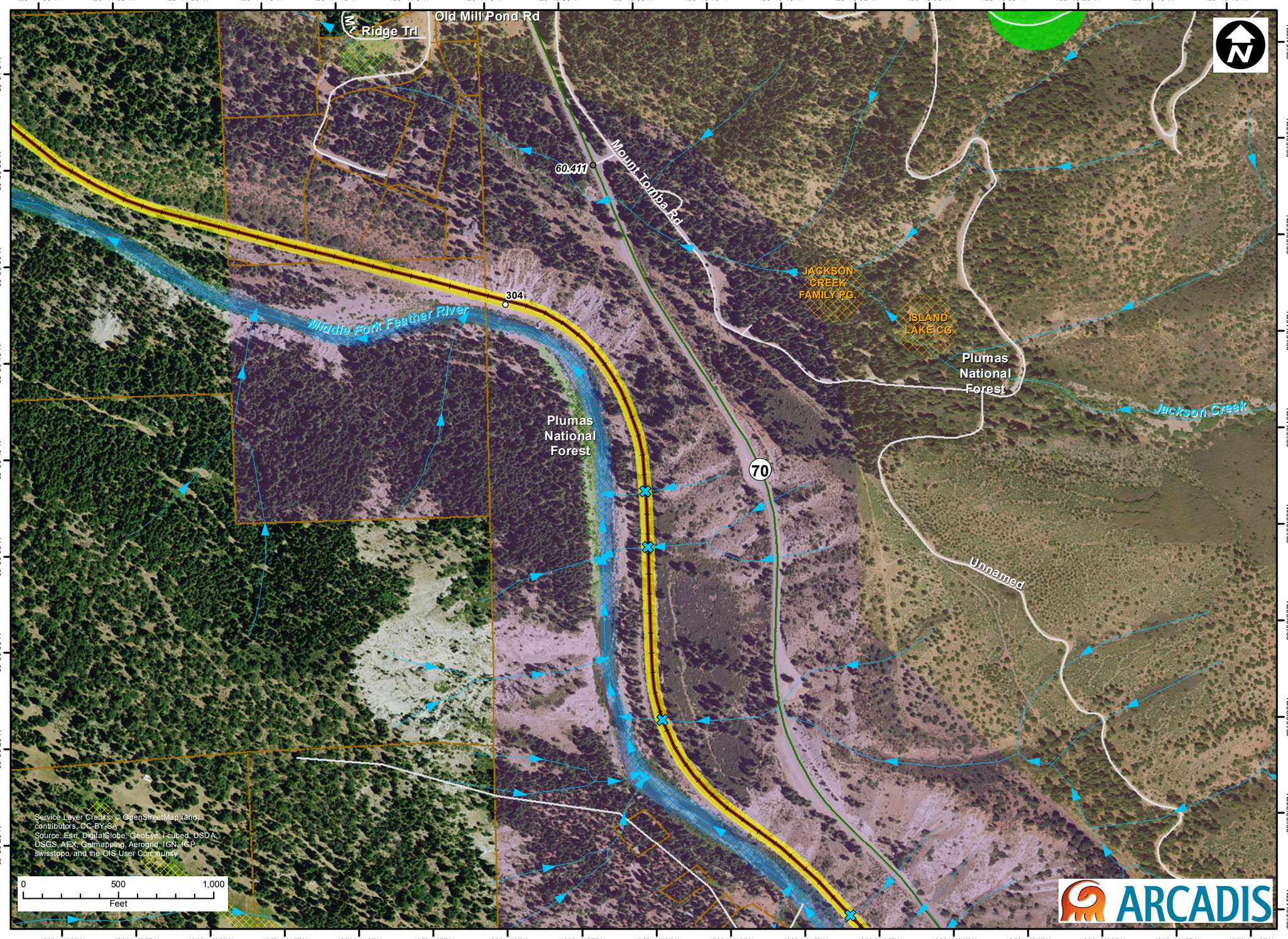

Unnamed
Plumas National Forest
299
Middle Fork Feather River
Plumas National Forest
Bell Bar Creek
Bells Bar (historical)
Poplar Creek
Peoria Creek Rd
Plumas National Forest
Quincy lupine
Quincy lupine
Quincy lupine
Quincy lupine
Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0 500 1,000
Feet
High Hazard Area
GATE 2
Plumas County Parcels
National Forest-National Grassland
Protective Management Area - Land, Lake or River
River/Stream
Active Line River Crossing
Flow Direction
County Boundary
NWI WETLANDS
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine
CNDDB Spotted Owl Observations
Positive Observation
CNDDB Spotted Owl Diagram
CNDDB Polygon Observations
Plant (specific)
California Road System
Local Road
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 2 DIVISION
ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 19
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd


Plumas National Forest
Plumas National Forest
Plumas National Forest
Rattlesnake Creek
Bells Bar (historical)
Middle Fork Feather River
Poplar Creek
Peoria Creek Rd
Bell Bar Creek
Unnamed Quincy lupine
300
Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0 500 1,000
Feet
High Hazard Area
GATE 2
Plumas County Parcels
National Forest-National Grassland
Protective Management Area - Land, Lake or River
River/Stream
Active Line River Crossing
Flow Direction
Lake/Pond
County Boundary
NWI WETLANDS
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine
CNDDB Polygon Observations
Plant (specific)
Plant (circular)
California Road System
Local Road
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 2 DIVISION ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 20
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd


Plumas National Forest
Rattlesnake Creek
Old Rd
Sloat
April Ln
Middle Fork Feather River
Long Valley Creek
Poplar Creek
Sloat Poplar Valley
Sloat Rd
Unnamed
Quincy lupine
PDFAB2B1A0
Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0 500 1,000
Feet
High Hazard Area
GATE 2
Plumas County Parcels
National Forest-National Grassland
Protective Management Area - Land, Lake or River
River/Stream
Active Line River Crossing
Flow Direction
Lake/Pond
County Boundary
National Bridge Inventory
NWI WETLANDS
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine
CNDDB Point Observations
Plant
CNDDB Polygon Observations
Plant (specific)
California Road System
Local Road
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 2 DIVISION ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 21
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd


Sloat Rd
302
Unnamed
Plumas National Forest
Middle Fork Feather River
Quincy lupine
PDFAB2B1A0
Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0 500 1,000
Feet
High Hazard Area
GATE 2
Plumas County Parcels
National Forest-National Grassland
Protective Management Area - Land, Lake or River
River/Stream
Active Line River Crossing
Flow Direction
County Boundary
NWI WETLANDS
Freshwater Emergent Wetland
Freshwater Pond; Lake; Riverine
CNDDB Point Observations
Plant
CNDDB Polygon Observations
Plant (specific)
California Road System
Local Road
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 2 DIVISION
ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 22
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd


Sloat Rd
Middle Fork Feather River
303
Old Cromberg Rd
70
Mount Tomba Rd
59.918
59.982
Old Mill Pond Rd
Mt Creek Brg
Cogswell Creek
Jackson Creek
Forest Meadow Xing
Mt Ridge Trl
Unnamed
Quincy lupine
PDFAB2B1A0
Plumas National Forest
Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0 500 1,000
Feet
High Hazard Area
GATE 2
Plumas County Parcels
National Forest-National Grassland
Protective Management Area - Land, Lake or River
River/Stream
Active Line River Crossing
Flow Direction
County Boundary
State Highway Milepost
NWI WETLANDS
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine
CNDDB Point Observations
Plant
CNDDB Polygon Observations
Plant (non-specific)
California Road System
Minor Arterial
Local Road
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 2 DIVISION
ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 23
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MBSTAGING\20150720\GRP_BioMapbook_Gateway.mxd



High Hazard Area
GATE 2
Plumas County Parcels
Developed Recreation Area
National Forest-National Grassland
Protective Management Area - Land, Lake or River
River/Stream
Active Line River Crossing
Flow Direction
County Boundary
State Highway Milepost

NWI WETLANDS
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine

CNDDB Polygon Observations
Plant (80m)

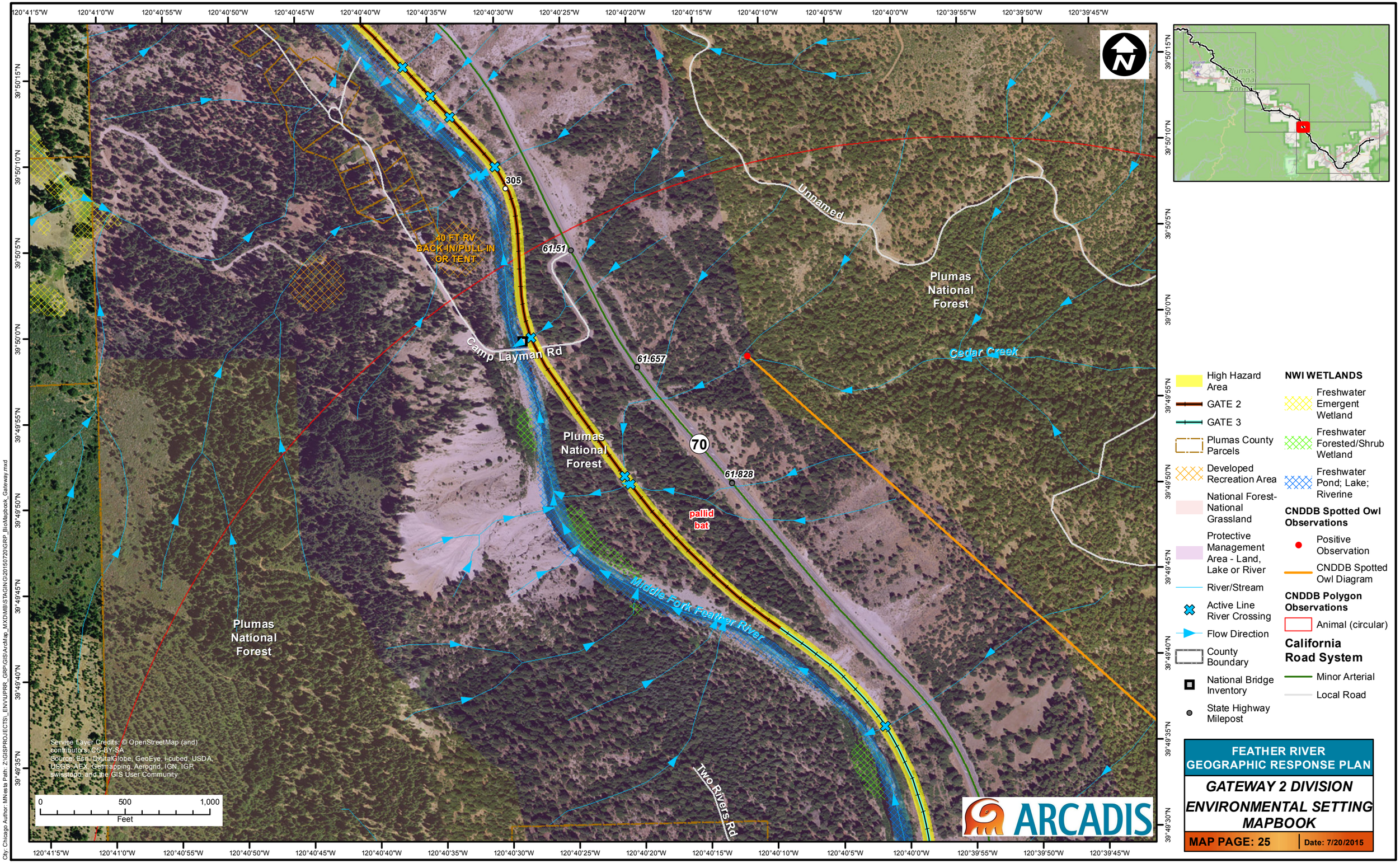
California Road System
Minor Arterial
Local Road

FEATHER RIVER GEOGRAPHIC RESPONSE PLAN

GATEWAY 2 DIVISION ENVIRONMENTAL SETTING MAPBOOK

MAP PAGE: 24 | **Date: 7/20/2015**

City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd

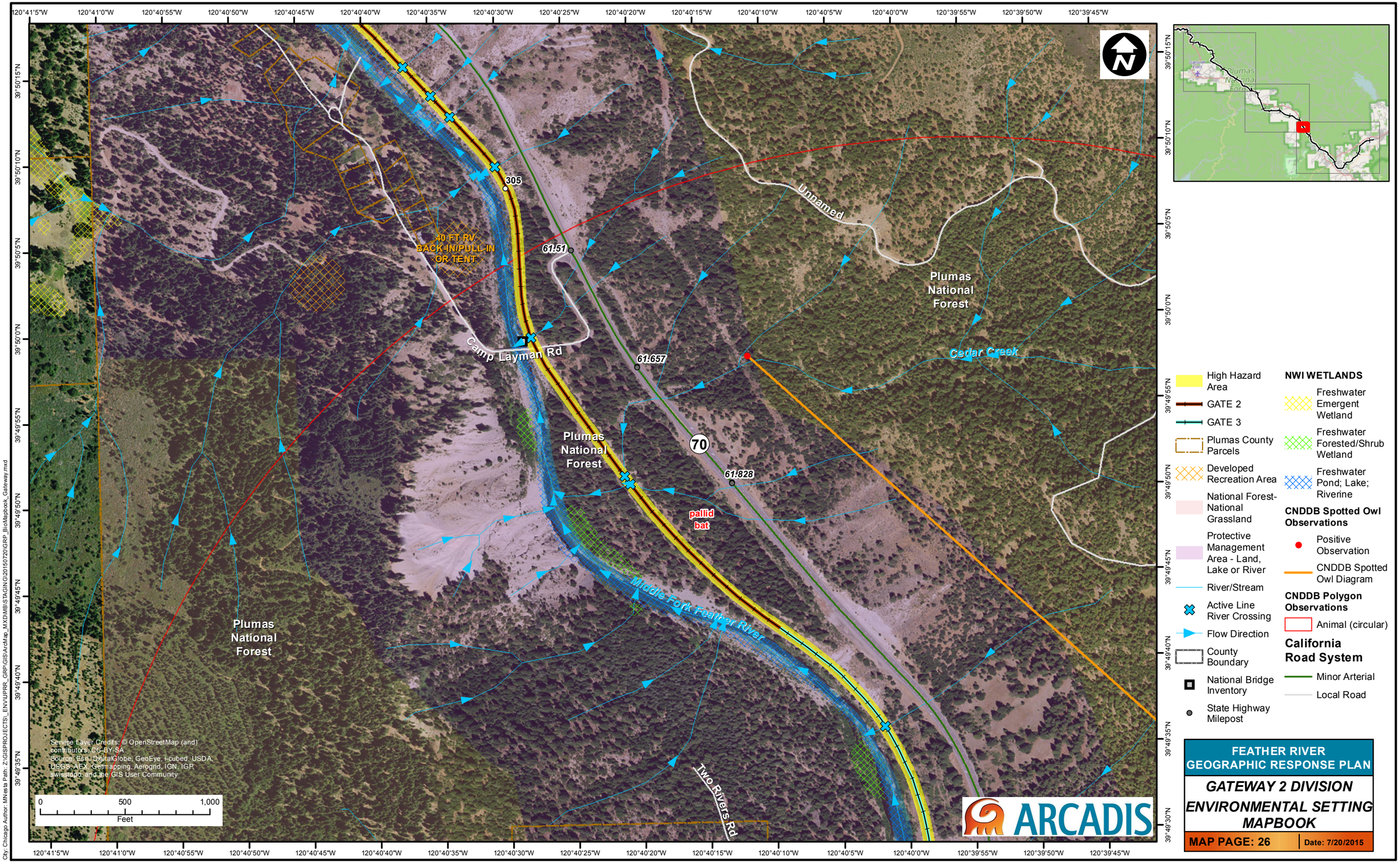


FEATHER RIVER GEOGRAPHIC RESPONSE PLAN

GATEWAY 2 DIVISION ENVIRONMENTAL SETTING MAPBOOK

MAP PAGE: 25

Date: 7/20/2015

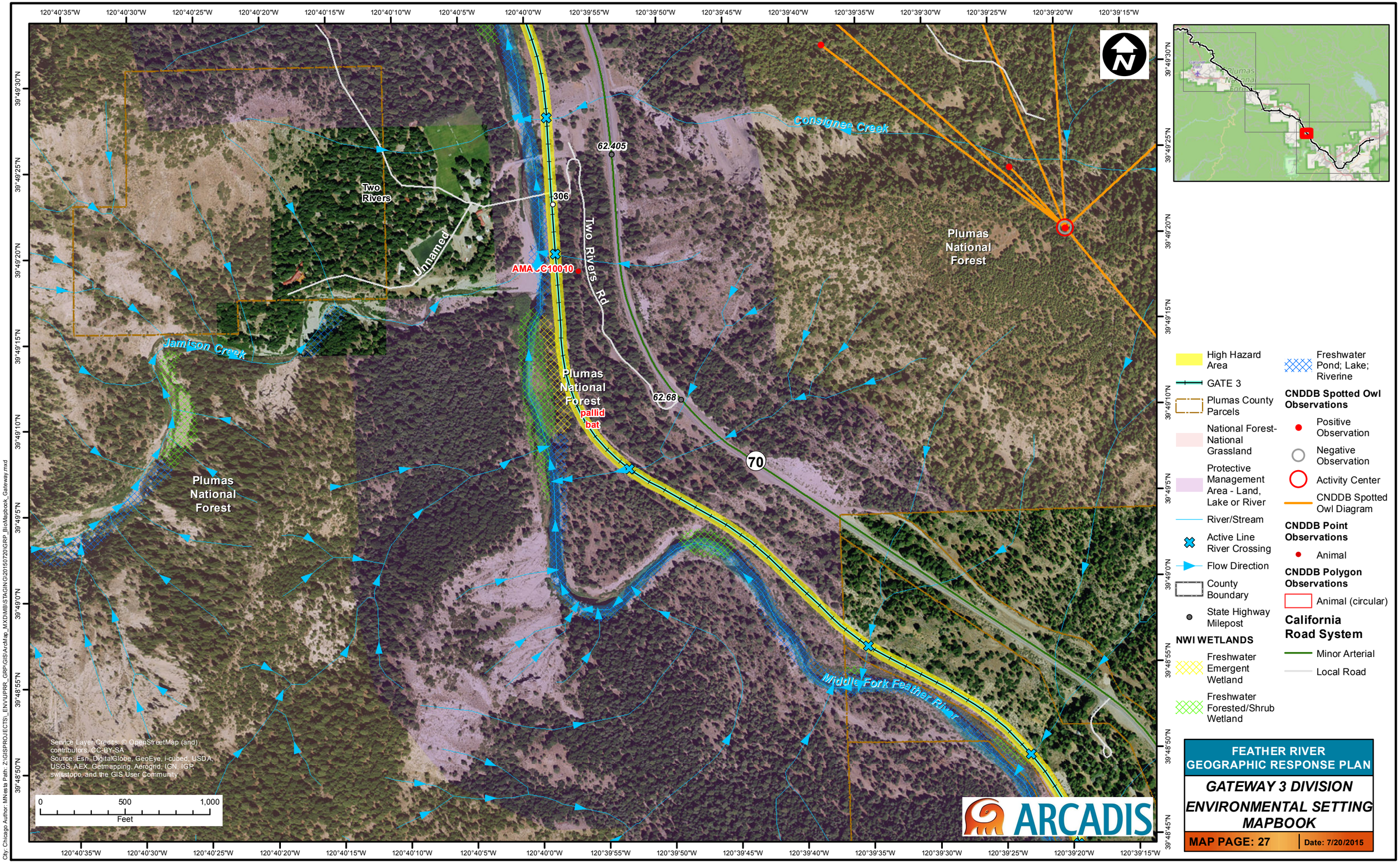


FEATHER RIVER GEOGRAPHIC RESPONSE PLAN

GATEWAY 2 DIVISION ENVIRONMENTAL SETTING MAPBOOK

MAP PAGE: 26

Date: 7/20/2015

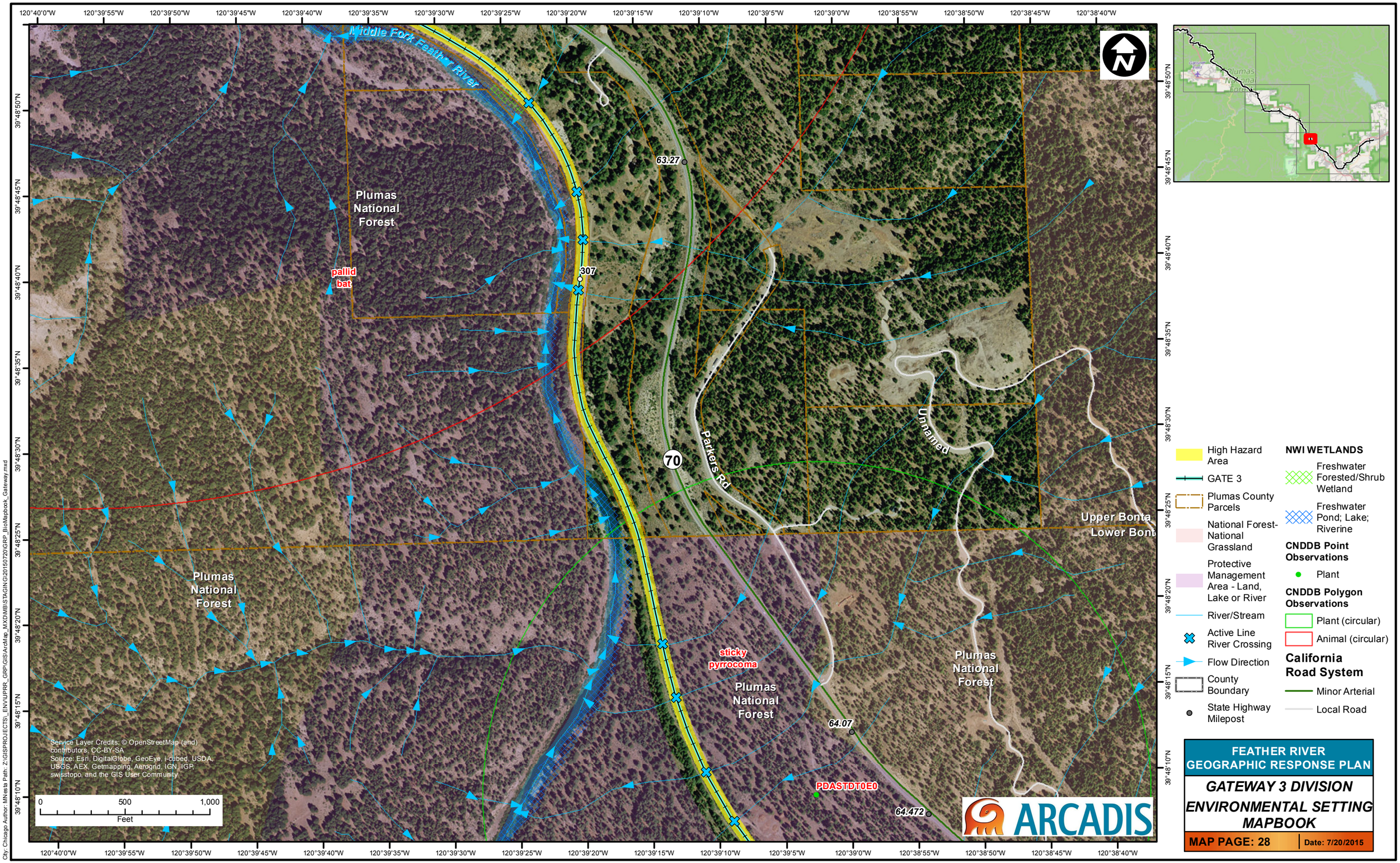


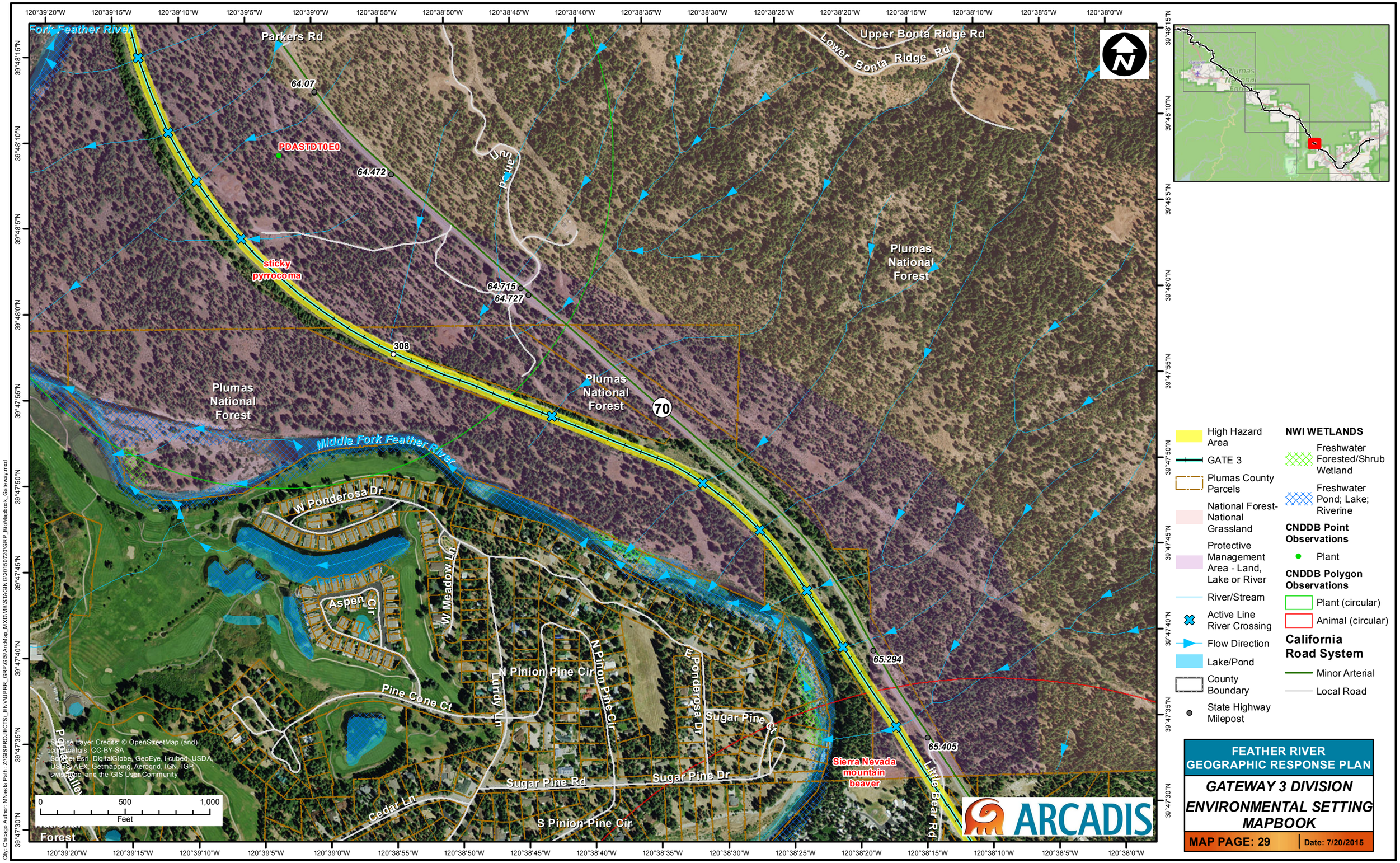
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN

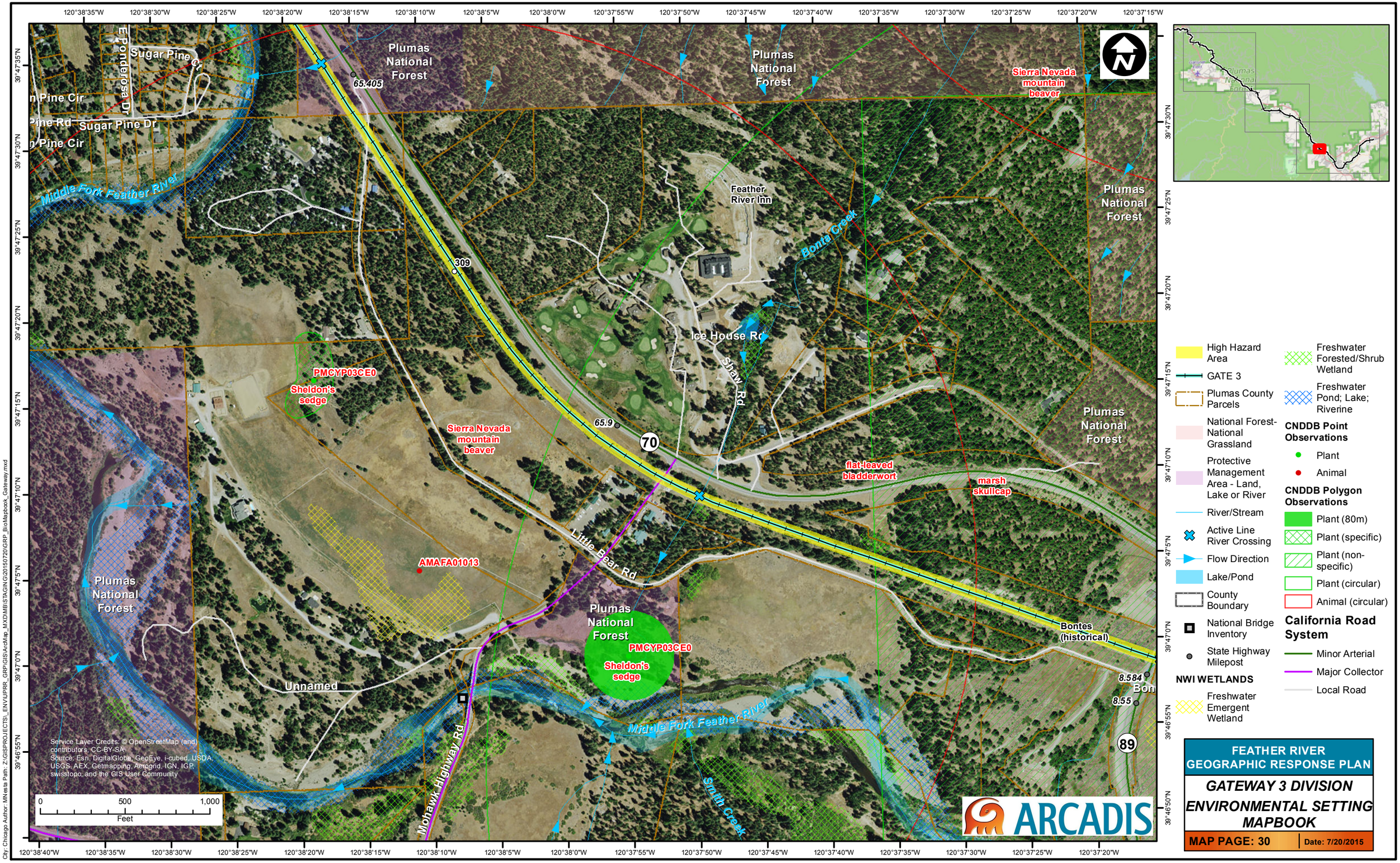
GATEWAY 3 DIVISION ENVIRONMENTAL SETTING MAPBOOK

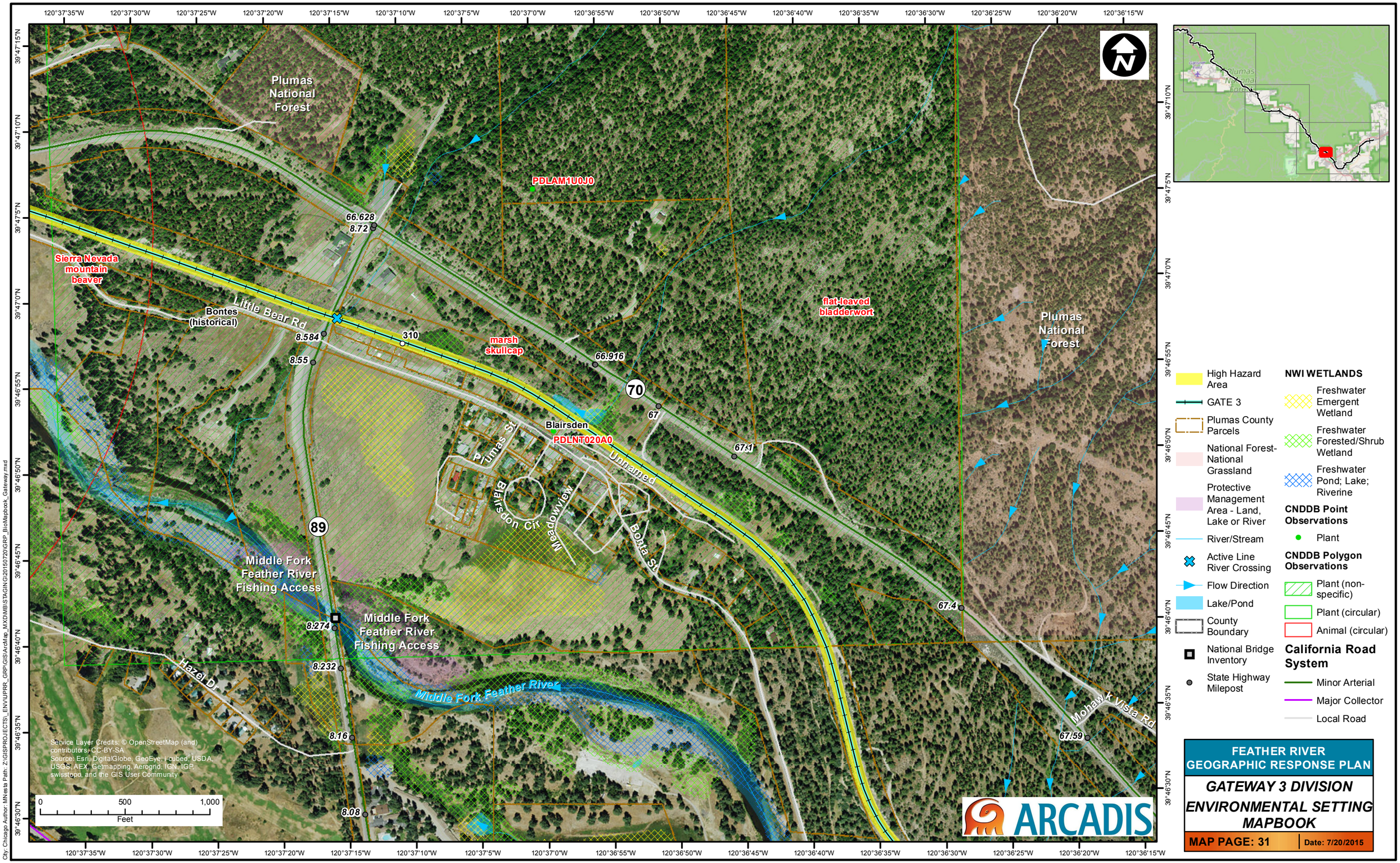
MAP PAGE: 27

Date: 7/20/2015


Middle Fork Feather River
Plumas National Forest
pallid bat
307
63.27
70
Parkers Rd
Unnamed
Upper Bonta
Lower Bont
sticky pyrrocoma
64.07
PDASTDT0E0
64.472
Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0 500 1,000
Feet
High Hazard Area
GATE 3
Plumas County Parcels
National Forest-National Grassland
Protective Management Area - Land, Lake or River
River/Stream
Active Line River Crossing
Flow Direction
County Boundary
State Highway Milepost
NWI WETLANDS
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine
CNDDB Point Observations
Plant
CNDDB Polygon Observations
Plant (circular)
Animal (circular)
California Road System
Minor Arterial
Local Road
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 3 DIVISION
ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 28
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MBSTA\GIN\20150720\GRP_BioMapbook_Gateway.mxd


Fork Feather River
Parkers Rd
Upper Bonta Ridge Rd
Lower Bonta Ridge Rd
64.07
PDASTDT0E0
64.472
Bonta Ln
sticky pyrrocoma
64.715
64.727
308
Plumas National Forest
Plumas National Forest
Plumas National Forest
70
Middle Fork Feather River
W Ponderosa Dr
W Meadow Ln
Aspen Cir
N Pinion Pine Cir
N Pinon Pine Cir
E Ponderosa Dr
Sugar Pine Ct
Pine Cone Ct
Lundy Ln
Sugar Pine Rd
Sugar Pine Dr
Cedar Ln
S Pinion Pine Cir
Sierra Nevada mountain beaver
65.294
65.405
Little Bear Rd
Base Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0 500 1,000
Feet
High Hazard Area
GATE 3
Plumas County Parcels
National Forest-National Grassland
Protective Management Area - Land, Lake or River
River/Stream
Active Line River Crossing
Flow Direction
Lake/Pond
County Boundary
State Highway Milepost
NWI WETLANDS
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine
CNDDB Point Observations
Plant
CNDDB Polygon Observations
Plant (circular)
Animal (circular)
California Road System
Minor Arterial
Local Road
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 3 DIVISION
ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 29
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd


Plumas National Forest
Sugar Pine Cir
E Ponderosa Dr
Sugar Pine Dr
Middle Fork Feather River
65.405
309
Feather River Inn
Bonta Creek
Ice House Rd
Shaw Rd
Sierra Nevada mountain beaver
PMCYP03CE0
Sheldon's sedge
65.9
70
flat-leaved bladderwort
marsh skullcap
Little Bear Rd
AMAFA01013
Unnamed
Mohawk Highway Rd
Smith Creek
Bontes (historical)
8.584
8.55
89
High Hazard Area
GATE 3
Plumas County Parcels
National Forest-National Grassland
Protective Management Area - Land, Lake or River
River/Stream
Active Line River Crossing
Flow Direction
Lake/Pond
County Boundary
National Bridge Inventory
State Highway Milepost
NWI WETLANDS
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine
CNDDB Point Observations
Plant
Animal
CNDDB Polygon Observations
Plant (80m)
Plant (specific)
Plant (non-specific)
Plant (circular)
Animal (circular)
California Road System
Minor Arterial
Major Collector
Local Road
Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0 500 1,000 Feet
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 3 DIVISION ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 30
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd



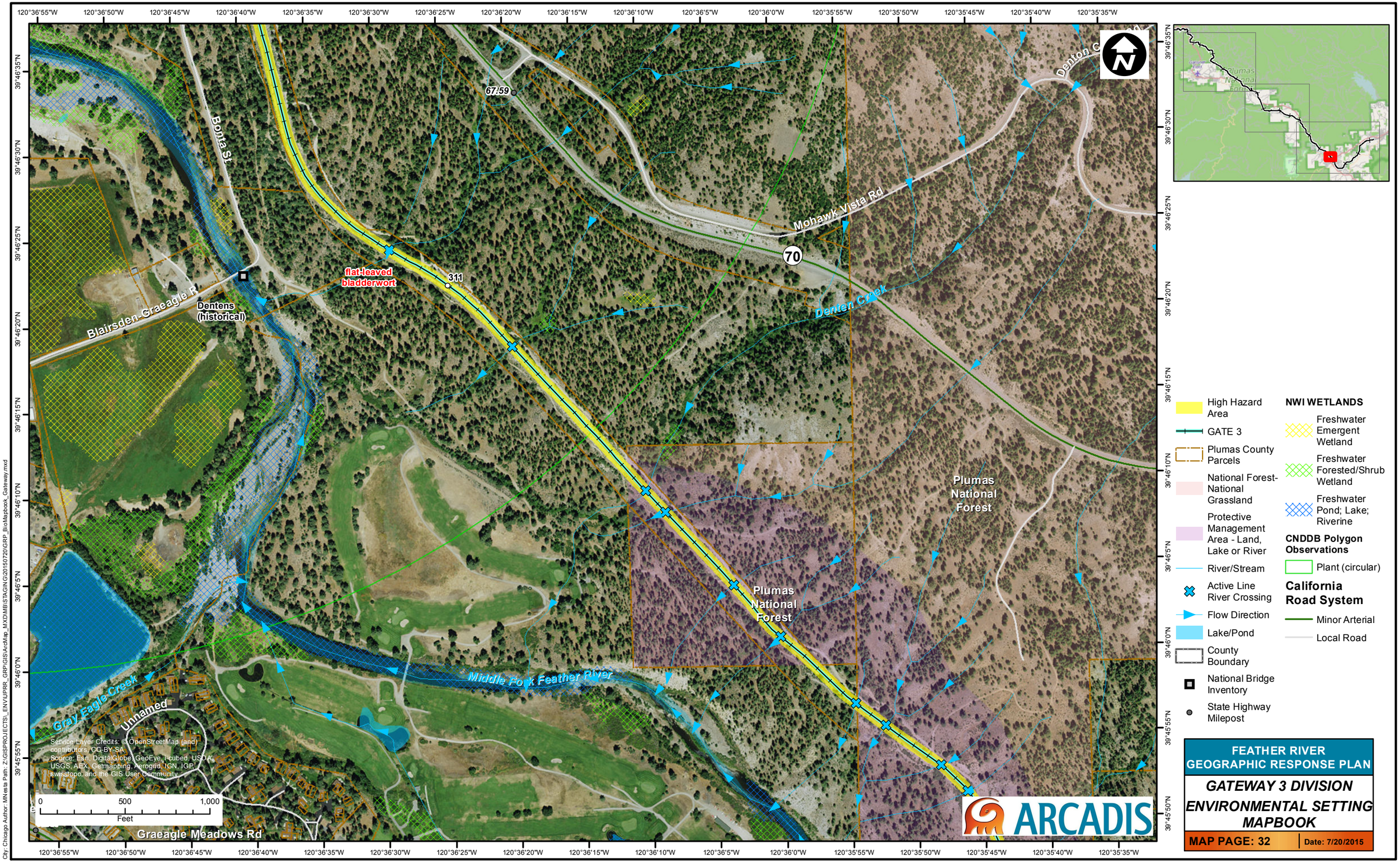
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN

GATEWAY 3 DIVISION

ENVIRONMENTAL SETTING MAPBOOK

MAP PAGE: 31

Date: 7/20/2015



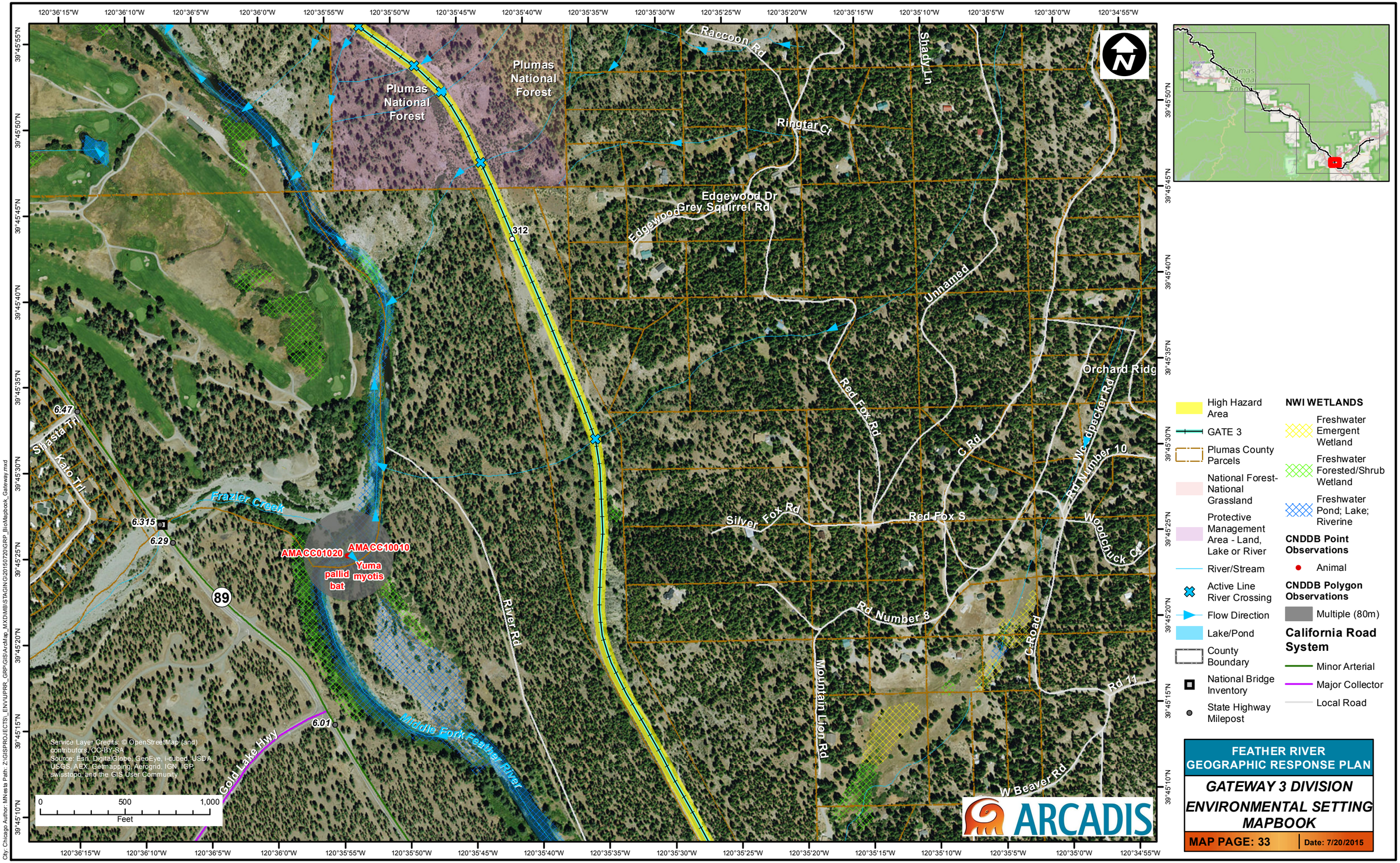
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN

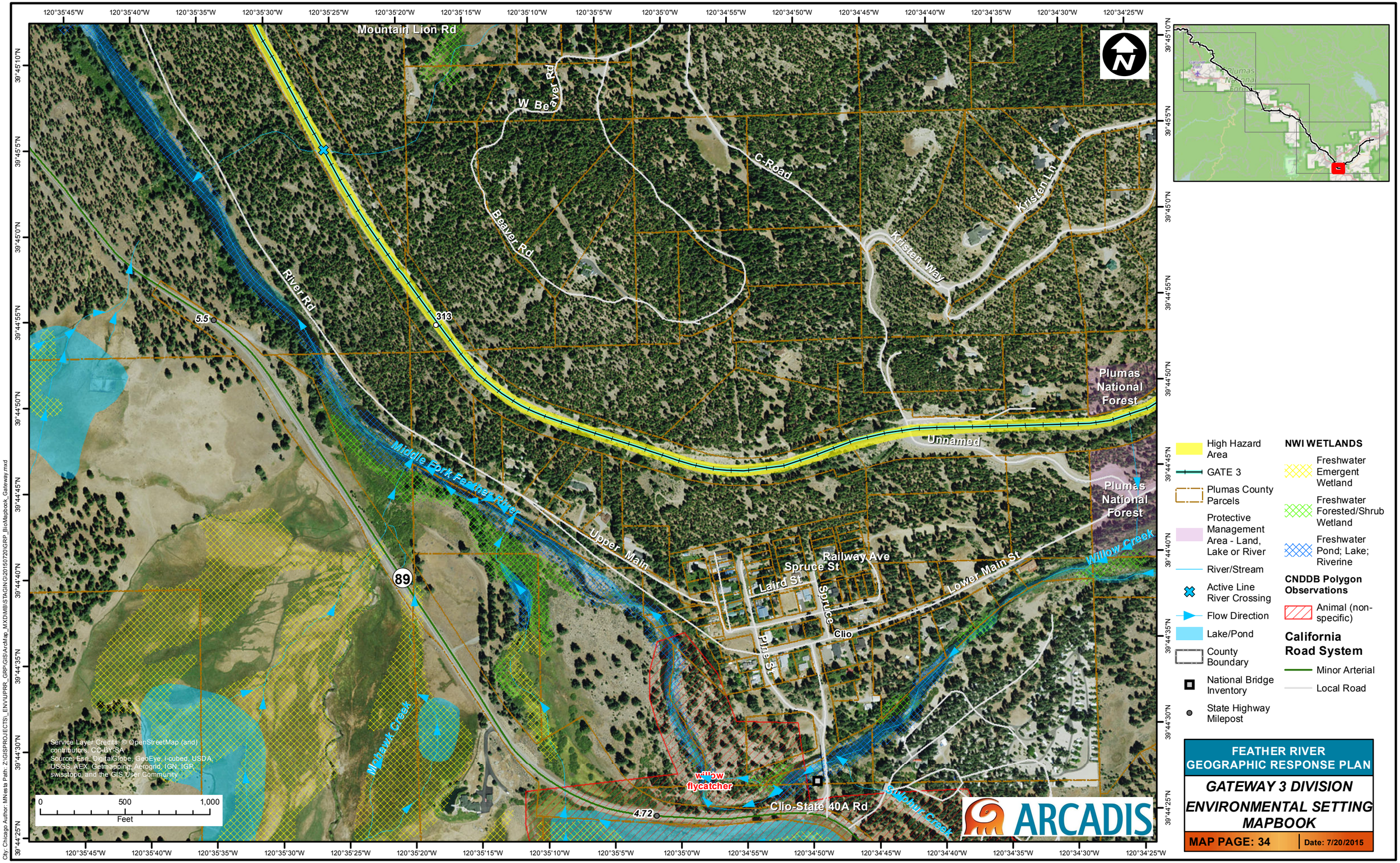
GATEWAY 3 DIVISION

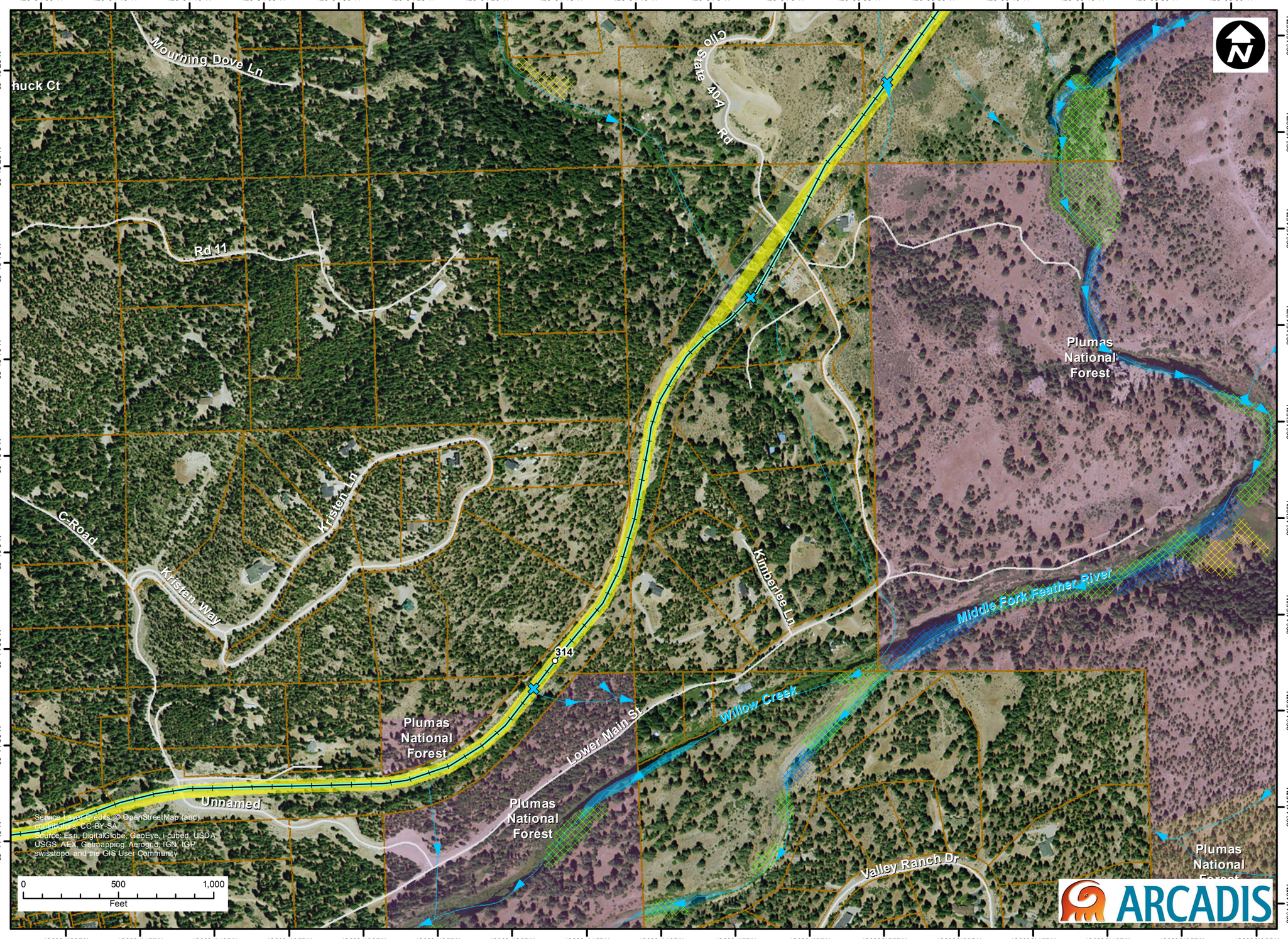
ENVIRONMENTAL SETTING MAPBOOK

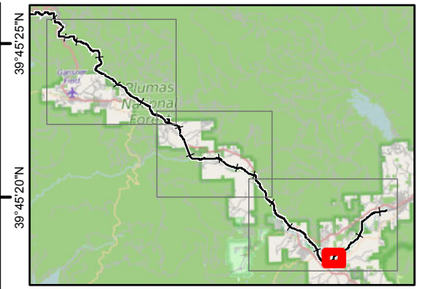
MAP PAGE: 32

Date: 7/20/2015


Plumas National Forest
Plumas National Forest
Raccoon Rd
Shady Ln
Ringtar Ct
Edgewood Dr
Grey Squirrel Rd
Edgewood
Unnamed
Orchard Ridge
Red Fox Rd
Woodpecker Rd
C Rd
Rd Number 10
Silver Fox Rd
Red Fox S
Woodchuck Ct
Rd Number 8
C Road
Rd 11
Mountain Lion Rd
W Beaver Rd
River Rd
Shasta Trl
Kato Trl
Frazier Creek
Middle Fork Feather River
Gold Lake Hwy
89
312
6.47
6.315
6.29
6.01
AMACC01020
AMACC10010
Yuma myotis
pallid bat
Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0 500 1,000
Feet
High Hazard Area
GATE 3
Plumas County Parcels
National Forest-National Grassland
Protective Management Area - Land, Lake or River
River/Stream
Active Line River Crossing
Flow Direction
Lake/Pond
County Boundary
National Bridge Inventory
State Highway Milepost
NWI WETLANDS
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine
CNDDB Point Observations
Animal
CNDDB Polygon Observations
Multiple (80m)
California Road System
Minor Arterial
Major Collector
Local Road
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 3 DIVISION ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 33
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\PRR_GRP\GIS\ArcMap_MXD\MB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd


Mountain Lion Rd
W Beaver Rd
Beaver Rd
C-Road
Kristen Ln
Kristen Way
River Rd
5.5
313
Plumas National Forest
Unnamed
Middle Fork Feather River
Upper Main
Railway Ave
Spruce St
Laird St
Spruce
Clio
Pine St
Lower Main St
Willow Creek
89
Mohawk Creek
willow flycatcher
Clio-State 40A Rd
4.72
Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0 500 1,000
Feet
High Hazard Area
GATE 3
Plumas County Parcels
Protective Management Area - Land, Lake or River
River/Stream
Active Line River Crossing
Flow Direction
Lake/Pond
County Boundary
National Bridge Inventory
State Highway Milepost
NWI WETLANDS
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine
CNDDB Polygon Observations
Animal (non-specific)
California Road System
Minor Arterial
Local Road
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 3 DIVISION
ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 34
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\PRR_GRP\GIS\ArcMap_MXD\MB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd





High Hazard Area
GATE 3
Plumas County Parcels
National Forest-National Grassland
Protective Management Area - Land, Lake or River
River/Stream
Active Line River Crossing
Flow Direction
Lake/Pond
County Boundary

NWI WETLANDS

Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine

California Road System

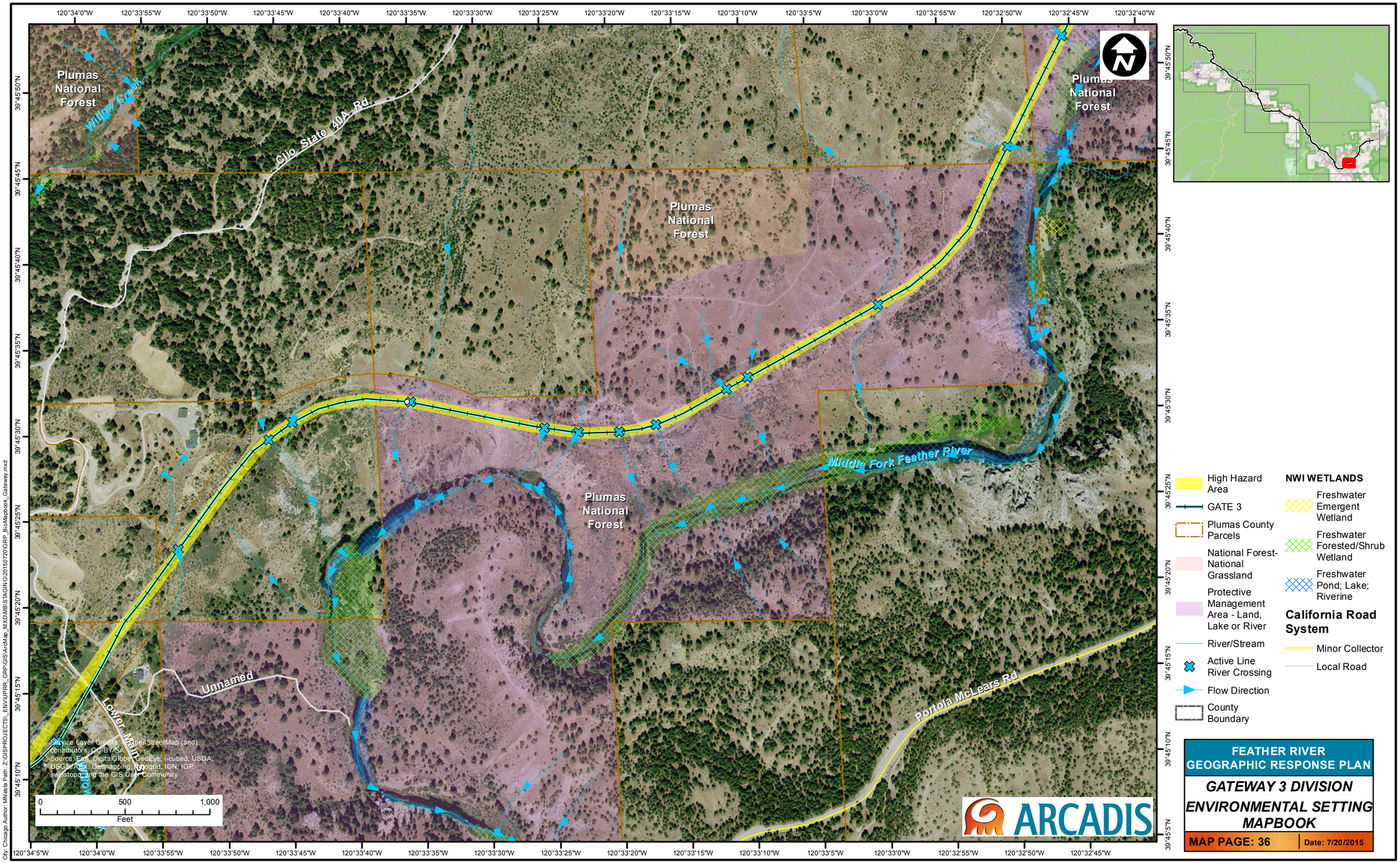
Local Road

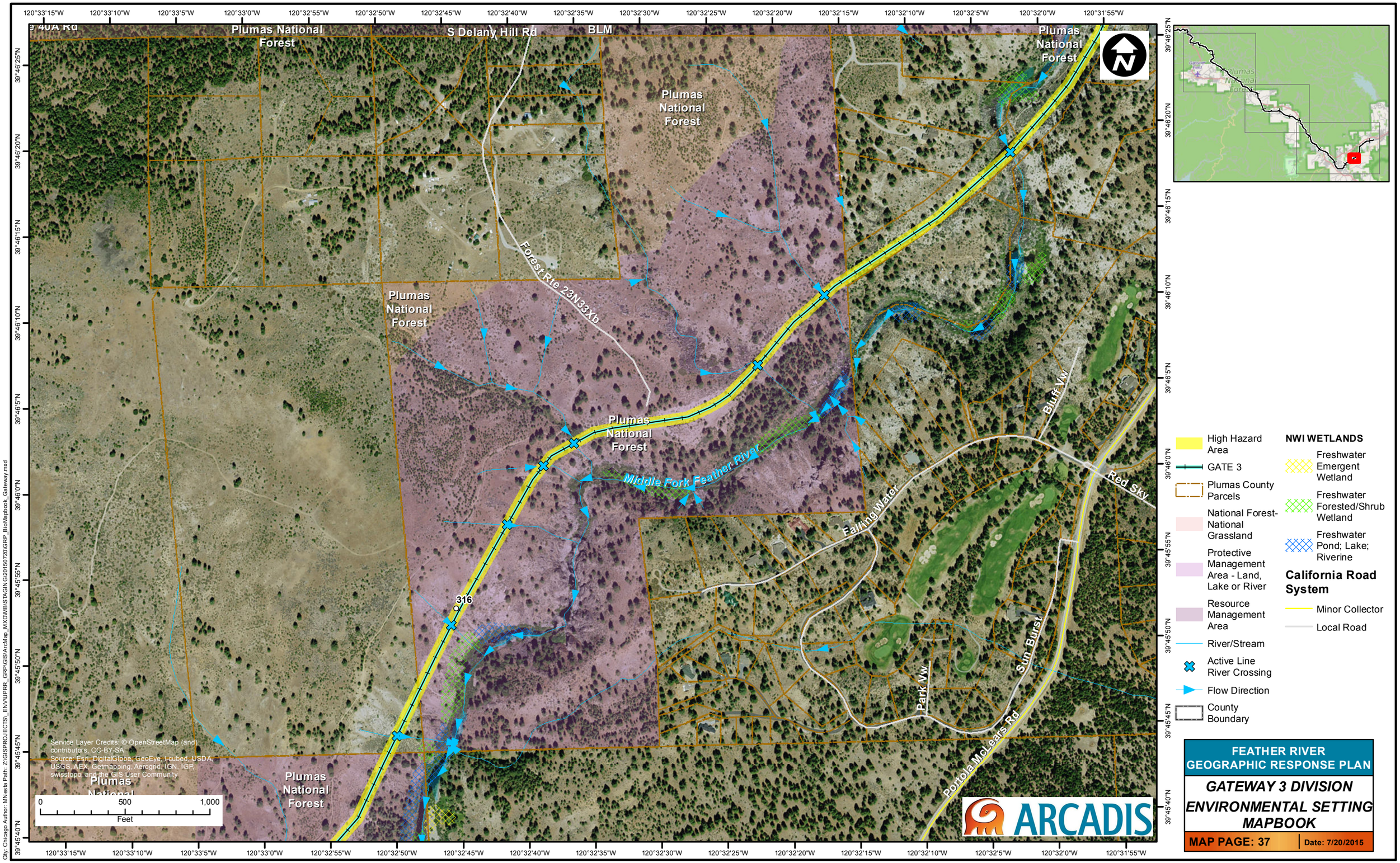
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN

GATEWAY 3 DIVISION ENVIRONMENTAL SETTING MAPBOOK

MAP PAGE: 35 | **Date: 7/20/2015**

City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXDMB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd


Plumas National Forest
Willow Creek
Clio State 40A Rd
Plumas National Forest
Plumas National Forest
Middle Fork Feather River
Plumas National Forest
Unnamed
Lower Mainline
Portola McLears Rd
Service Layer Credits: OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0 500 1,000
Feet
High Hazard Area
GATE 3
Plumas County Parcels
National Forest-National Grassland
Protective Management Area - Land, Lake or River
River/Stream
Active Line River Crossing
Flow Direction
County Boundary
NWI WETLANDS
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine
California Road System
Minor Collector
Local Road
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 3 DIVISION ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 36
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd



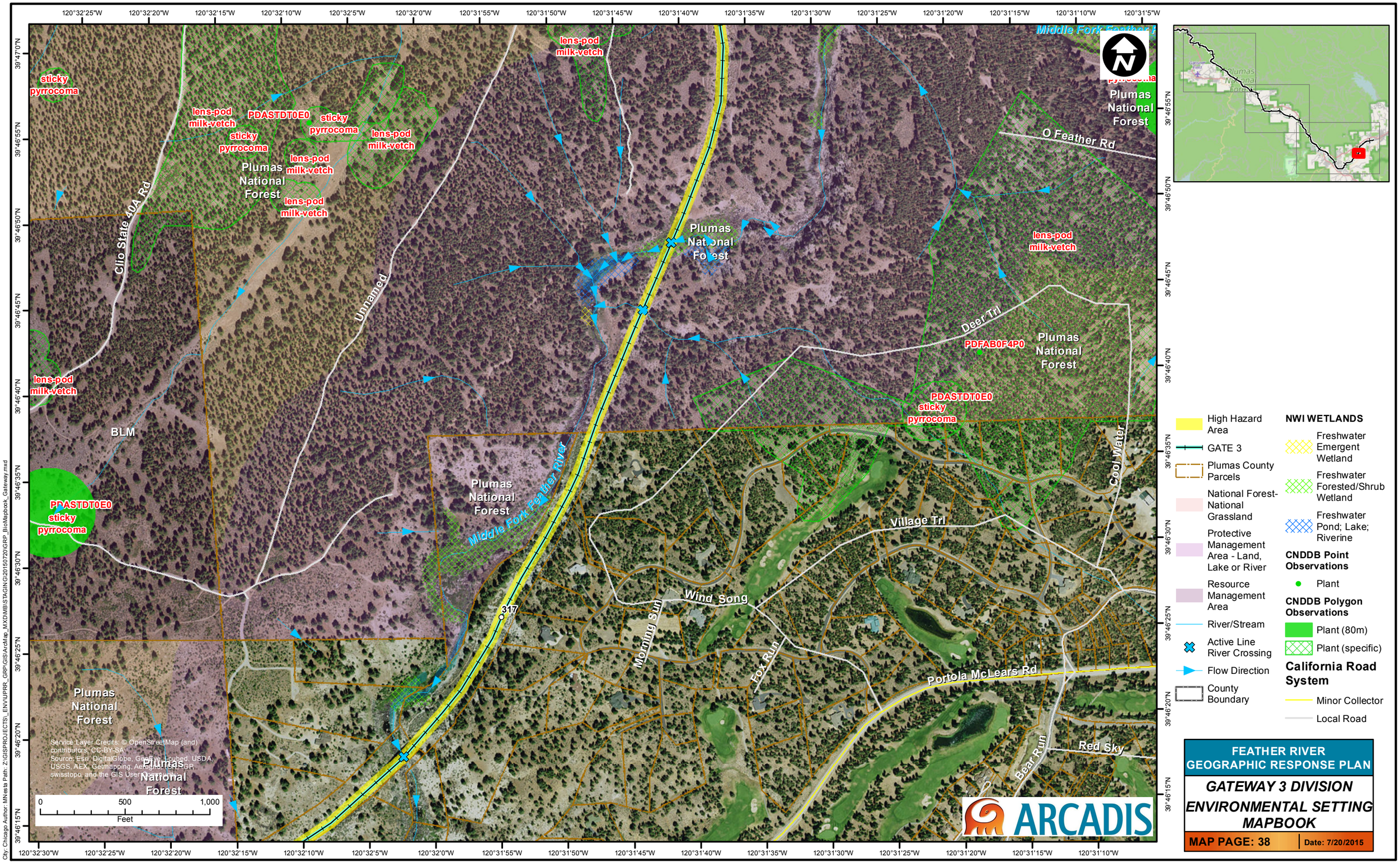
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN

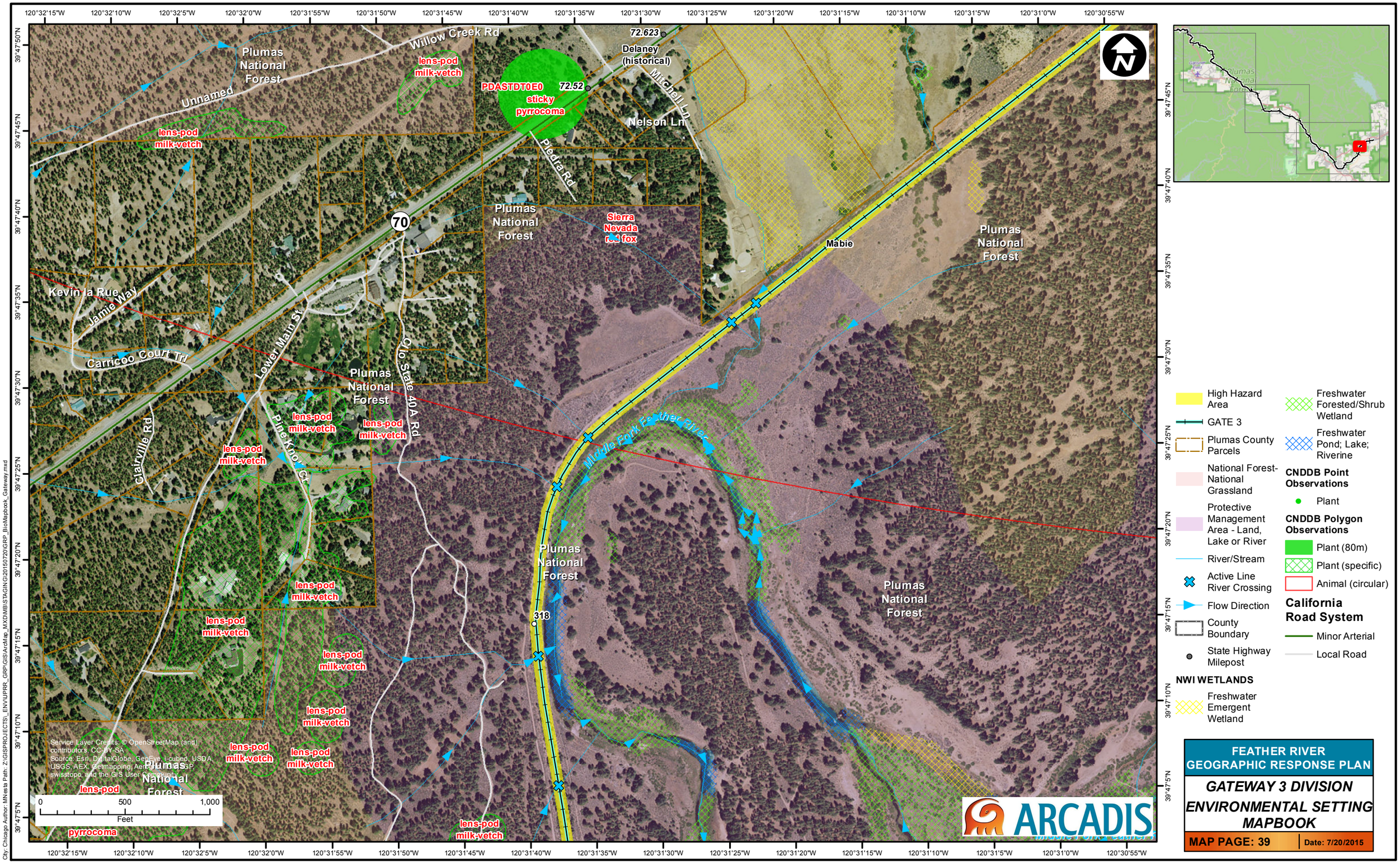
GATEWAY 3 DIVISION ENVIRONMENTAL SETTING MAPBOOK

MAP PAGE: 37

Date: 7/20/2015

City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MBSTA\GIN\20150720\GRP_BioMapbook_Gateway.mxd


Middle Fork Feather R
Plumas National Forest
O Feather Rd
Clio State 40A Rd
Unnamed
Deer Trl
PDFAB0F4P0
PDASTDT0E0
sticky pyrrocoma
lens-pod milk-vetch
BLM
Middle Fork Feather River
317
Village Trl
Cool Water
Wind Song
Morning Sun
Fox Run
Portola McLears Rd
Bear Run
Red Sky
Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0 500 1,000
Feet
High Hazard Area
GATE 3
Plumas County Parcels
National Forest-National Grassland
Protective Management Area - Land, Lake or River
Resource Management Area
River/Stream
Active Line River Crossing
Flow Direction
County Boundary
NWI WETLANDS
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine
CNDDB Point Observations
Plant
CNDDB Polygon Observations
Plant (80m)
Plant (specific)
California Road System
Minor Collector
Local Road
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 3 DIVISION
ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 38
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\BIS\TAGING\20150720\GRP_BioMapbook_Gateway.mxd



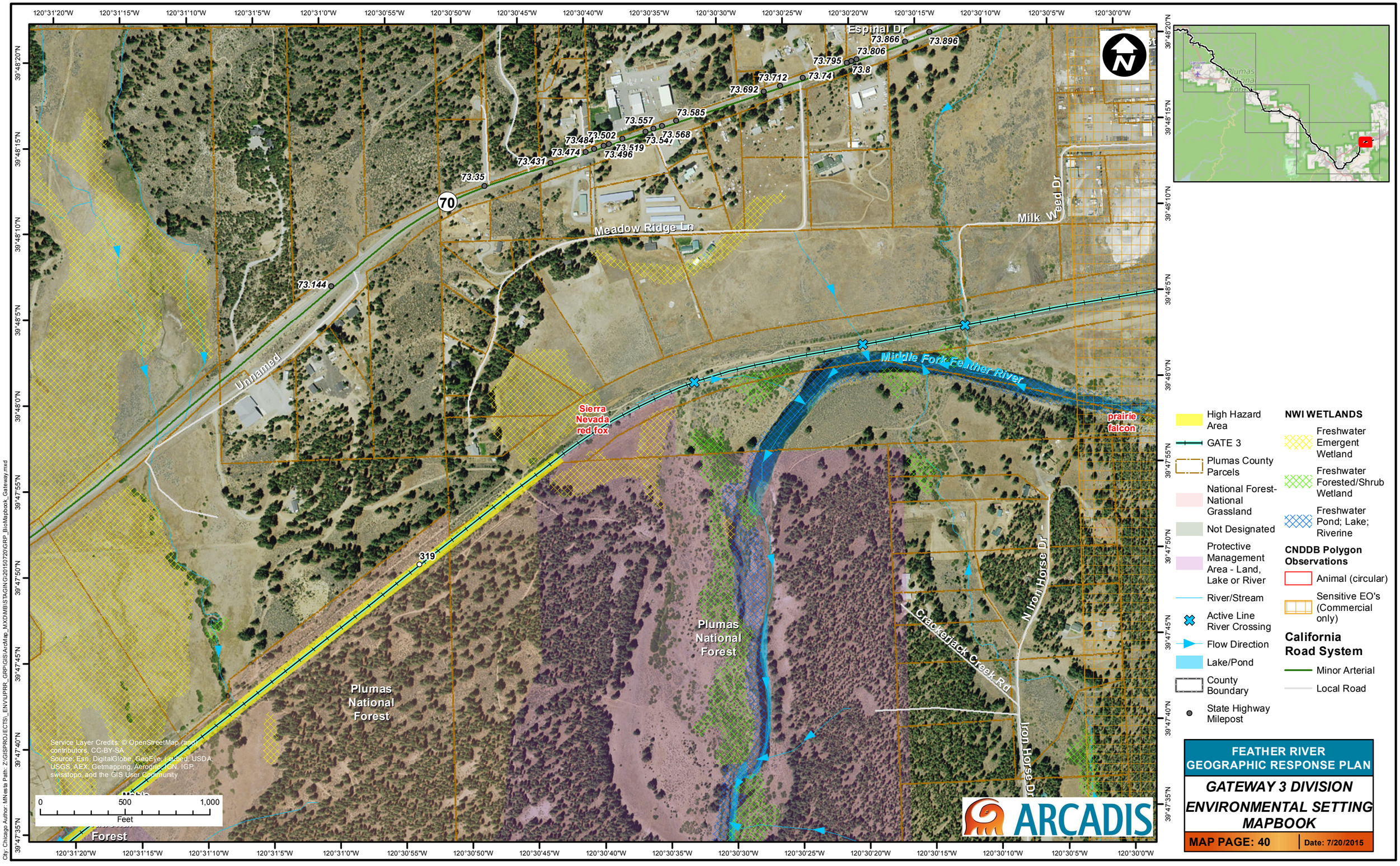
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN

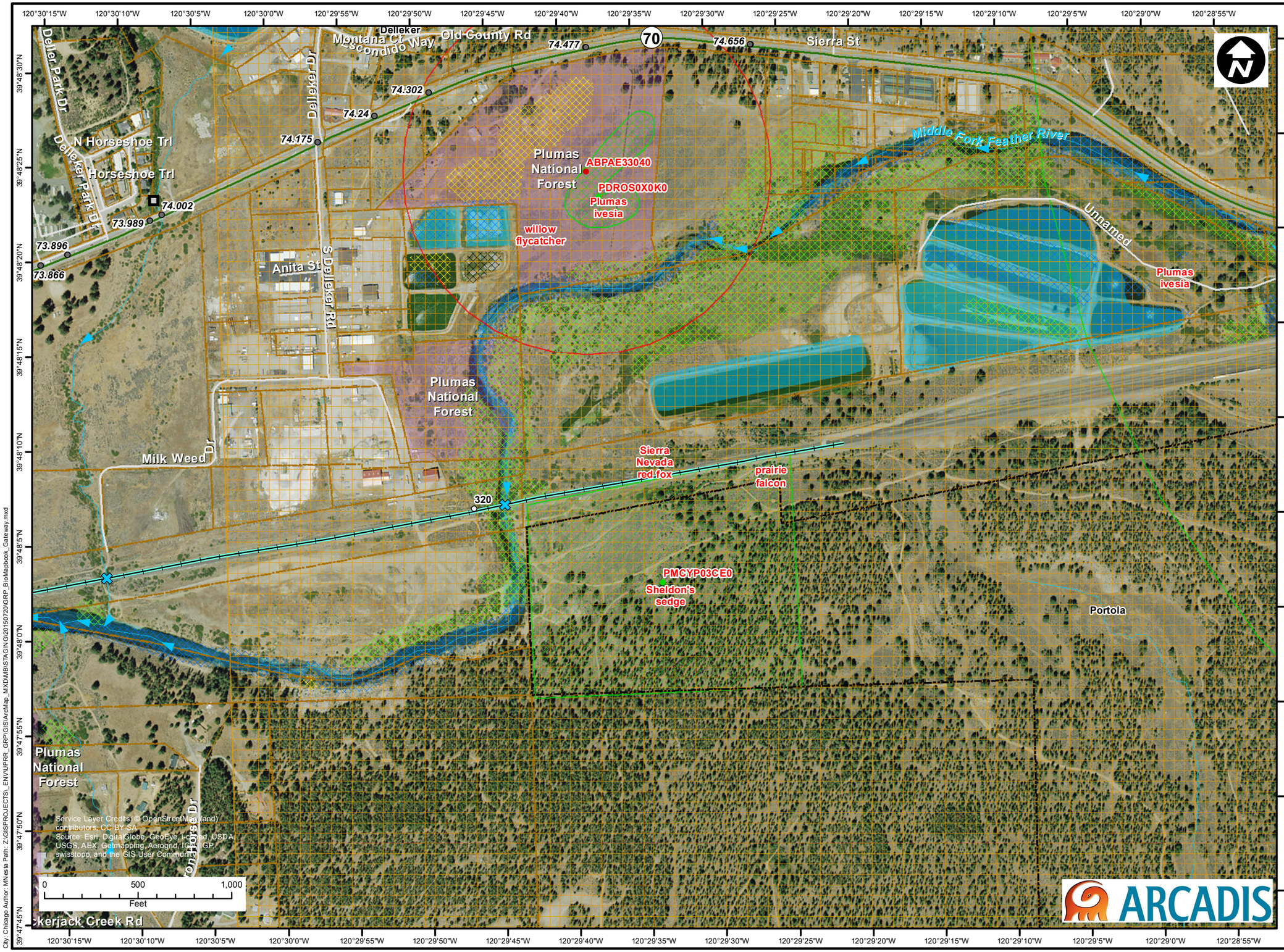
GATEWAY 3 DIVISION ENVIRONMENTAL SETTING MAPBOOK

MAP PAGE: 39

Date: 7/20/2015

City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd


Espinal Dr
73.866
73.896
73.806
73.795
73.8
73.74
73.712
73.692
73.585
73.557
73.568
73.541
73.502
73.484
73.519
73.496
73.474
73.431
73.35
70
73.144
Meadow Ridge Ln
Milk Weed Dr
Unnamed
Middle Fork Feather River
Sierra Nevada red fox
prairie falcon
319
Plumas National Forest
Plumas National Forest
Crackerjack Creek Rd
N Iron Horse Dr
Iron Horse Dr
Forest
Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
0
500
1,000
Feet
High Hazard Area
GATE 3
Plumas County Parcels
National Forest-National Grassland
Not Designated
Protective Management Area - Land, Lake or River
River/Stream
Active Line River Crossing
Flow Direction
Lake/Pond
County Boundary
State Highway Milepost
NWI WETLANDS
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine
CNDDB Polygon Observations
Animal (circular)
Sensitive EO's (Commercial only)
California Road System
Minor Arterial
Local Road
ARCADIS
FEATHER RIVER GEOGRAPHIC RESPONSE PLAN
GATEWAY 3 DIVISION
ENVIRONMENTAL SETTING MAPBOOK
MAP PAGE: 40
Date: 7/20/2015
City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\UPRR_GRP\GIS\ArcMap_MXD\MB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd



GATE 3
Plumas County Parcels
Not Designated
Protective Management Area - Land, Lake or River
River/Stream
Active Line River Crossing
Flow Direction
Lake/Pond
County Boundary
City Boundary
National Bridge Inventory
State Highway Milepost

NWI WETLANDS

Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond; Lake; Riverine
Other

CNDDB Point Observations

Plant
Animal

CNDDB Polygon Observations

Plant (specific)
Plant (non-specific)
Plant (circular)
Animal (circular)
Sensitive EO's (Commercial only)

California Road System

Minor Arterial
Local Road

ARCADIS

FEATHER RIVER GEOGRAPHIC RESPONSE PLAN

GATEWAY 3 DIVISION ENVIRONMENTAL SETTING MAPBOOK

MAP PAGE: 41 | **Date: 7/20/2015**

City: Chicago Author: MNesta Path: Z:\GISPROJECTS_ENV\PRR_GRP\GIS\ArcMap_MXDMB\STAGING\20150720\GRP_BioMapbook_Gateway.mxd