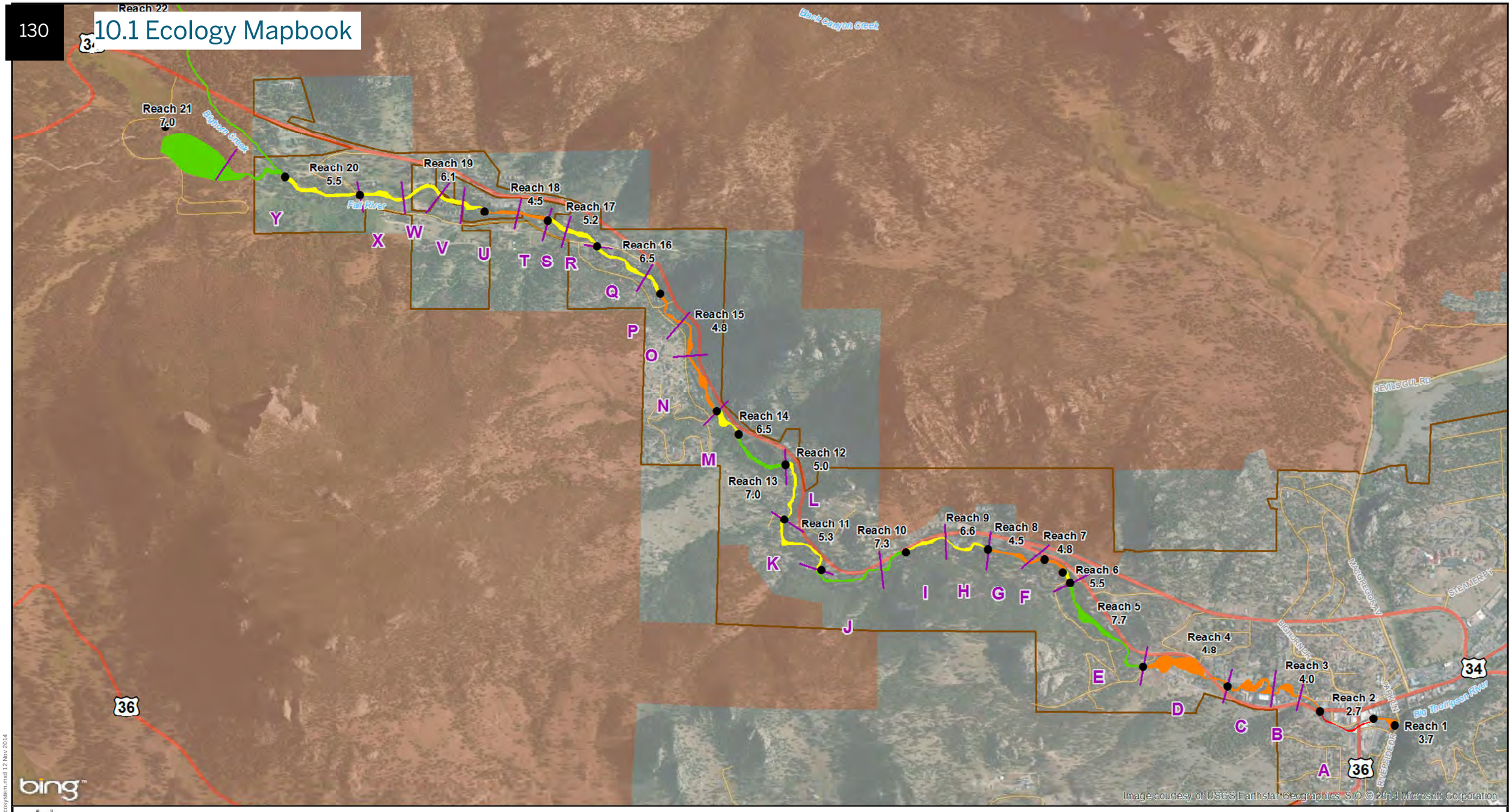
10.0 Appendices



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N W E S

1:18,000

1 inch = 1,500 feet

0 1,000 2,000

Feet

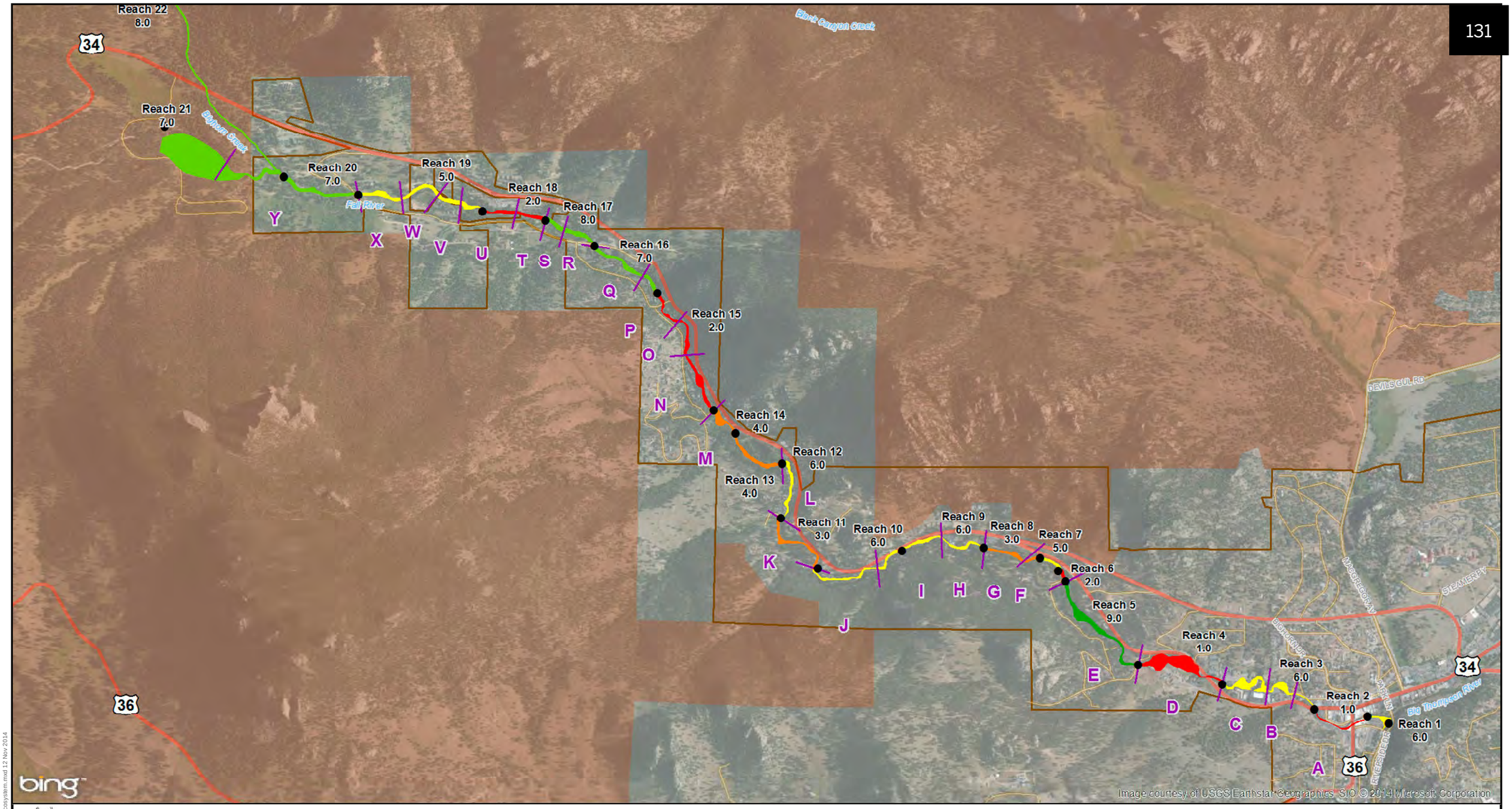
- Ecosystem reach delimiter
- Estes Park town limits
- Rocky Mountain National Park
- Project reach delimiter
- A Project reach label

Ecosystem Score

- 0 to 2.9: Severely Degraded
- 3 to 4.9: Poor
- 5 to 6.9: Fair
- 7 to 8.9: Good
- 9 to 10: Excellent

Fall River Coalition

Fall River Corridor
"Plan for Resiliency"
Overall Ecosystem Score
Larimer County, Colorado



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N W E S

1:18,000

1 inch = 1,500 feet

0 1,000 2,000

Feet

- Ecosystem reach delimiter
- Estes Park town limits
- Rocky Mountain National Park
- Project reach delimiter
- A Project reach label

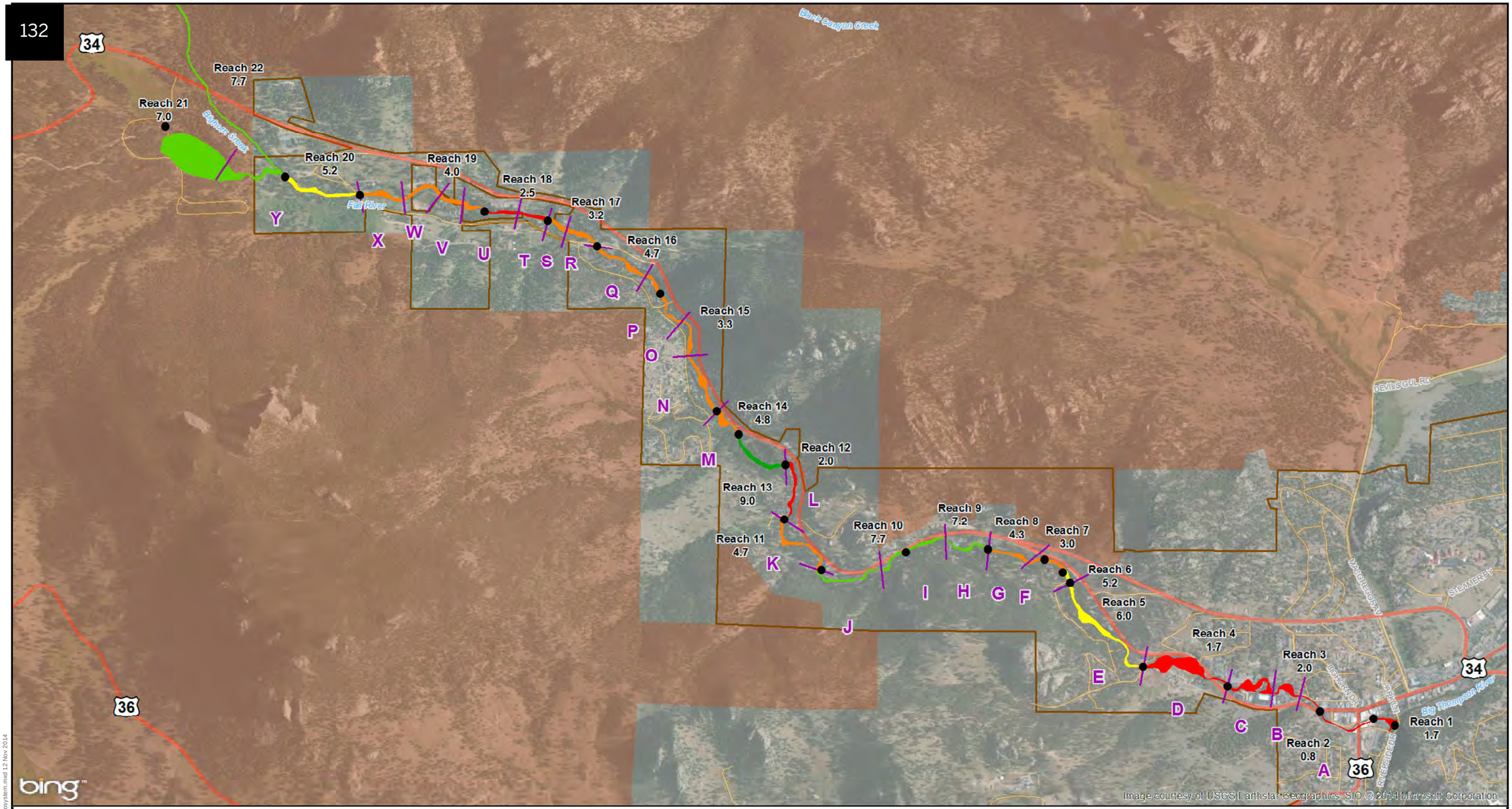
Pools Score

- 0 to 2.9: Severely Degraded
- 3 to 4.9: Poor
- 5 to 6.9: Fair
- 7 to 8.9: Good
- 9 to 10: Excellent

Fall River Coalition

Fall River Corridor "Plan for Resiliency" Pools Score

Larimer County, Colorado



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N W E S

1:18,000

1 inch = 1,500 feet

0 1,000 2,000

Feet

- Ecosystem reach delimiter
- Estes Park town limits
- Rocky Mountain National Park
- Project reach delimiter
- A Project reach label

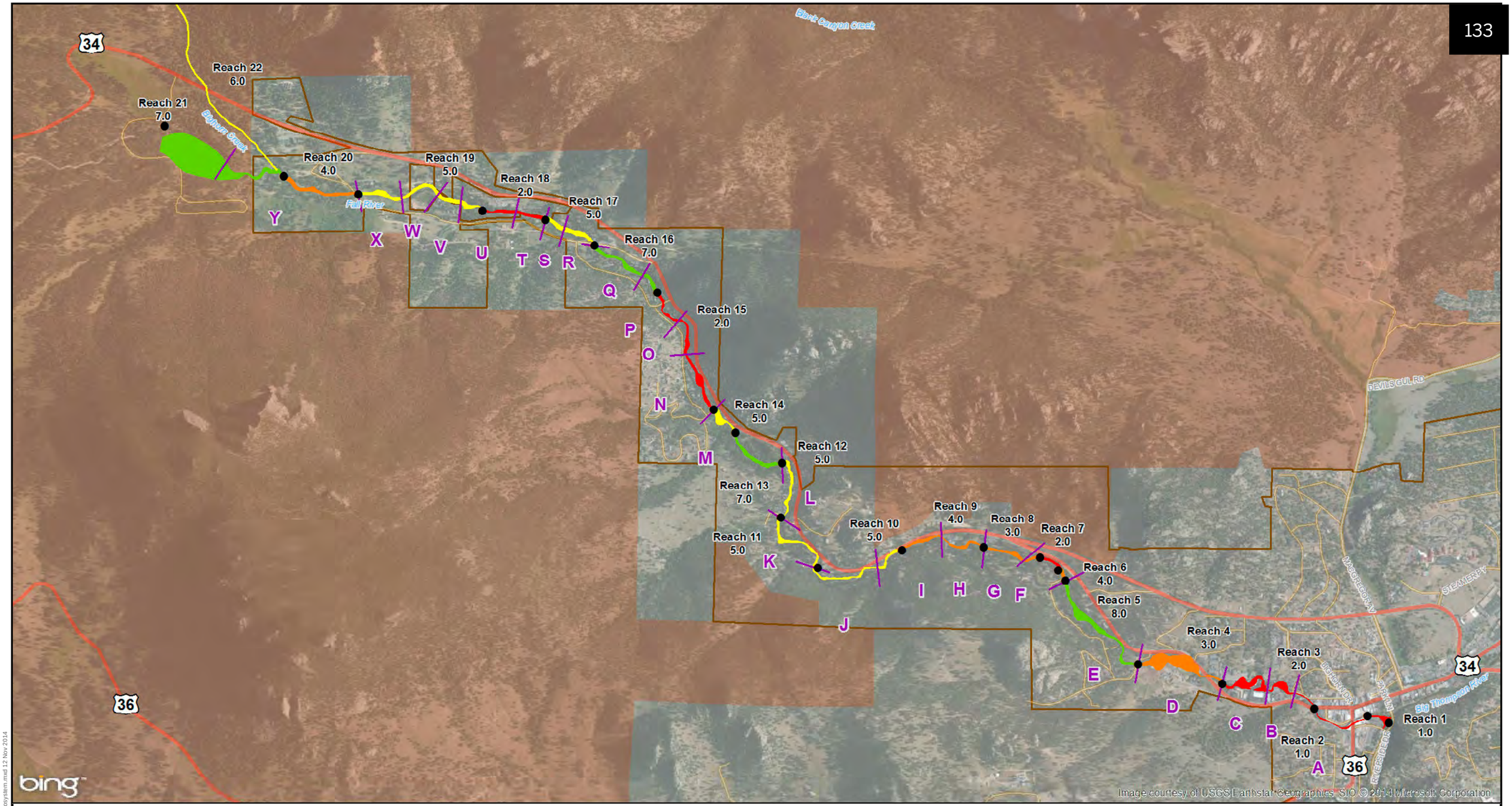
Vegetation Score

- 0 to 2.9: Severely Degraded
- 3 to 4.9: Poor
- 5 to 6.9: Fair
- 7 to 8.9: Good
- 9 to 10: Excellent

Fall River Coalition

Fall River Corridor "Plan for Resiliency" Vegetation Score

Larimer County, Colorado



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N W E S

1:18,000

1 inch = 1,500 feet

0 1,000 2,000

Feet

- Ecosystem reach delimiter
- Estes Park town limits
- Rocky Mountain National Park
- Project reach delimiter
- A Project reach label

Fish Habitat Score

- 0 to 2.9: Severely Degraded
- 3 to 4.9: Poor
- 5 to 6.9: Fair
- 7 to 8.9: Good
- 9 to 10: Excellent

Fall River Coalition

Fall River Corridor "Plan for Resiliency" Fish Habitat Score

Larimer County, Colorado

Fall River Active Channel

Estimated Parcel Boundary (See Notes)

Erosion Hazard Area

Alluvial Fan

Avulsion Hazard Area

Disconnected Migration Area

Modern Valley Bottom

N W E S

1:1,200
1 inch = 100 feet

0 100
Feet

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Fall River Coalition

Fall River Corridor "Plan for Resiliency" Draft Geomorphic Hazard Zones

Map 1A of 29

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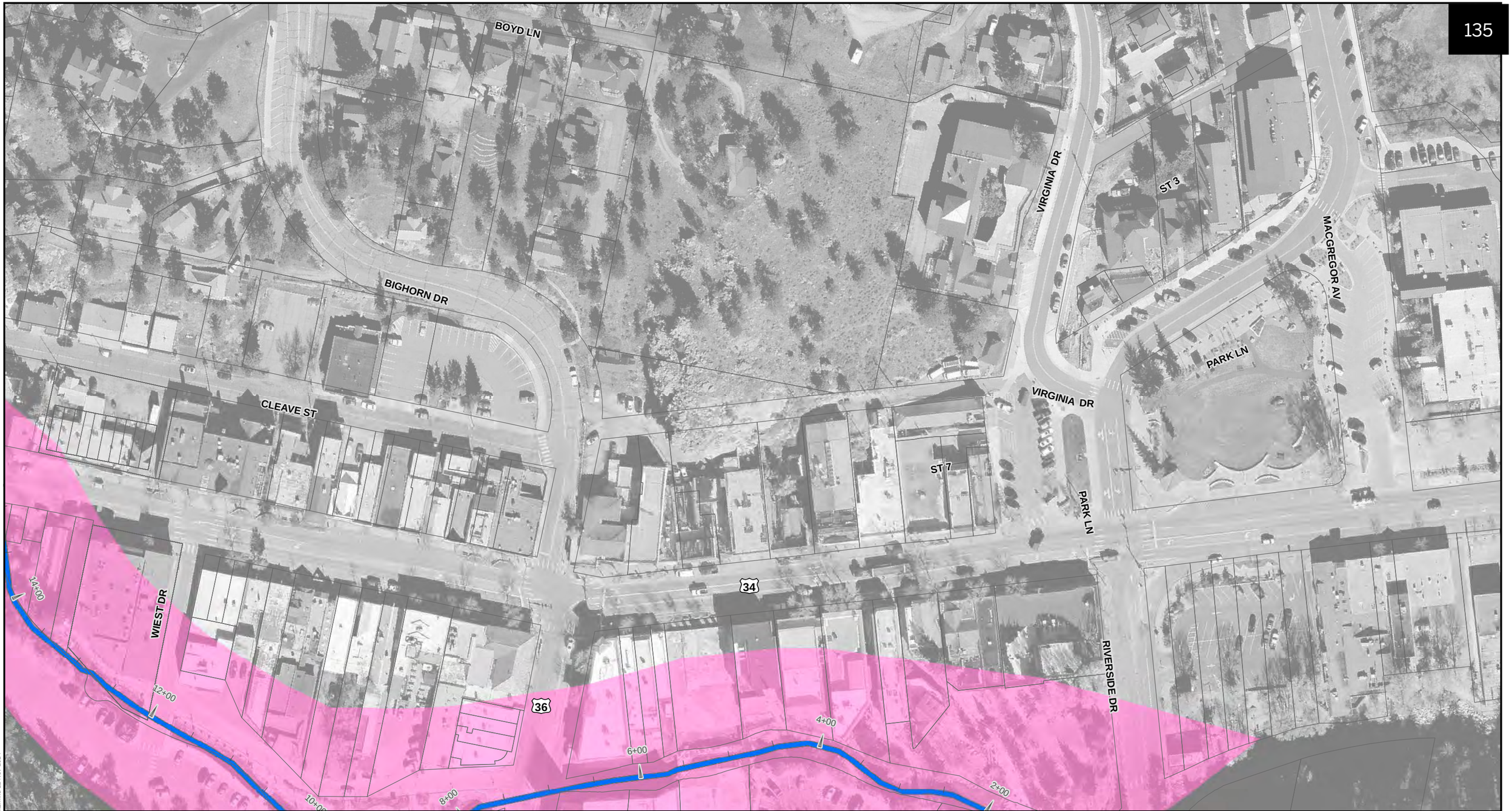

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N W E S

1:1,200
1 inch = 100 feet

0 100
Feet

- Fall River Active Channel
- Estimated Parcel Boundary (See Notes)
- Erosion Hazard Area
- Alluvial Fan
- Avulsion Hazard Area
- Disconnected Migration Area
- Modern Valley Bottom

Fall River Coalition

Fall River Corridor
"Plan for Resiliency"
Draft Geomorphic Hazard Zones
Map 1B of 29

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N W E S

1:1,200
1 inch = 100 feet

0 100
Feet

- Fall River Active Channel
- Estimated Parcel Boundary (See Notes)
- Erosion Hazard Area
- Alluvial Fan
- Avulsion Hazard Area
- Disconnected Migration Area
- Modern Valley Bottom

Fall River Coalition

Fall River Corridor
"Plan for Resiliency"
Draft Geomorphic Hazard Zones
Map 1C of 29

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SPRUCE DR
CLEAVE ST
LAWN LN
SPRUCE DR
18+00
16+00
20+00
22+00
34
WIEST DR
14+00
12+00
10+00
8+00
6+00
ROCKWELL ST
ROCKWELL ST
36
COURTNEY LN
DAVIS ST
DAVIS ST
LOTT ST

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N W E S

1:1,200
1 inch = 100 feet
0 100
Feet

- Fall River Active Channel
- Estimated Parcel Boundary (See Notes)
- Erosion Hazard Area
- Alluvial Fan
- Avulsion Hazard Area
- Disconnected Migration Area
- Modern Valley Bottom

Fall River Coalition

Fall River Corridor "Plan for Resiliency" Draft Geomorphic Hazard Zones

Map 2 of 29

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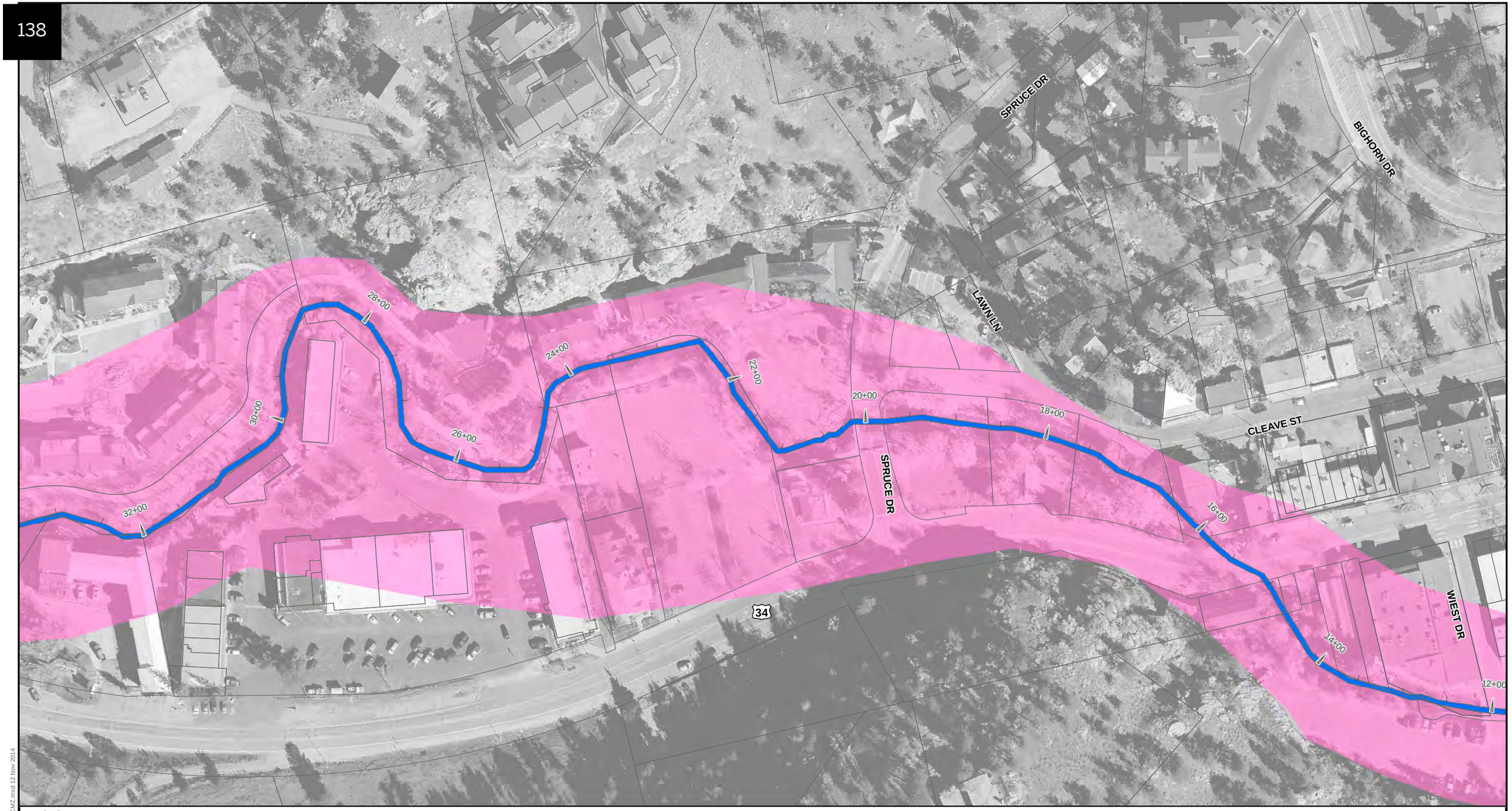

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N W E S

1:1,200
1 inch = 100 feet

0 100
Feet

- Fall River Active Channel
- Estimated Parcel Boundary (See Notes)
- Erosion Hazard Area
- Alluvial Fan
- Avulsion Hazard Area
- Disconnected Migration Area
- Modern Valley Bottom

Fall River Coalition

Fall River Corridor "Plan for Resiliency" Draft Geomorphic Hazard Zones

Map 3 of 29

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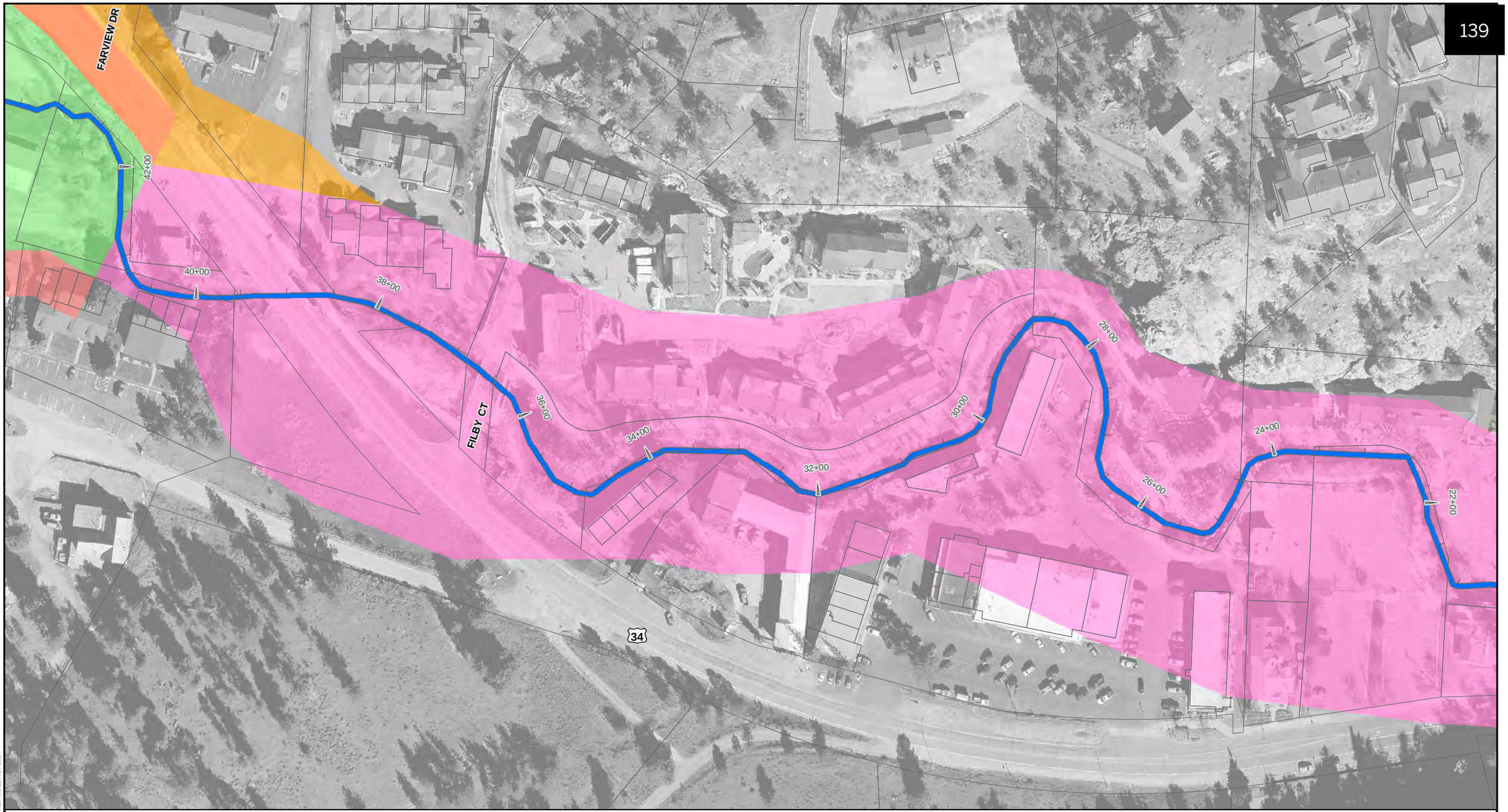

Fall River Active Channel

Estimated Parcel Boundary (See Notes)

Erosion Hazard Area

Alluvial Fan

Avulsion Hazard Area

Disconnected Migration Area

Modern Valley Bottom

N
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1:1,200
1 inch = 100 feet

0 100
Feet

Fall River Coalition

Fall River Corridor
"Plan for Resiliency"
Draft Geomorphic Hazard Zones

Map 4 of 29

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JAMES ST

JAMES ST

FARVIEW DR

FARVIEW DR

34

OLD RANGER DR

50+00

48+00

46+00

44+00

42+00

40+00

38+00

36+00

34+00

52+00

FILBY CT

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1:1,200

1 inch = 100 feet

0 100

Feet

Fall River Active Channel

Estimated Parcel Boundary (See Notes)

Erosion Hazard Area

Alluvial Fan

Avulsion Hazard Area

Disconnected Migration Area

Modern Valley Bottom

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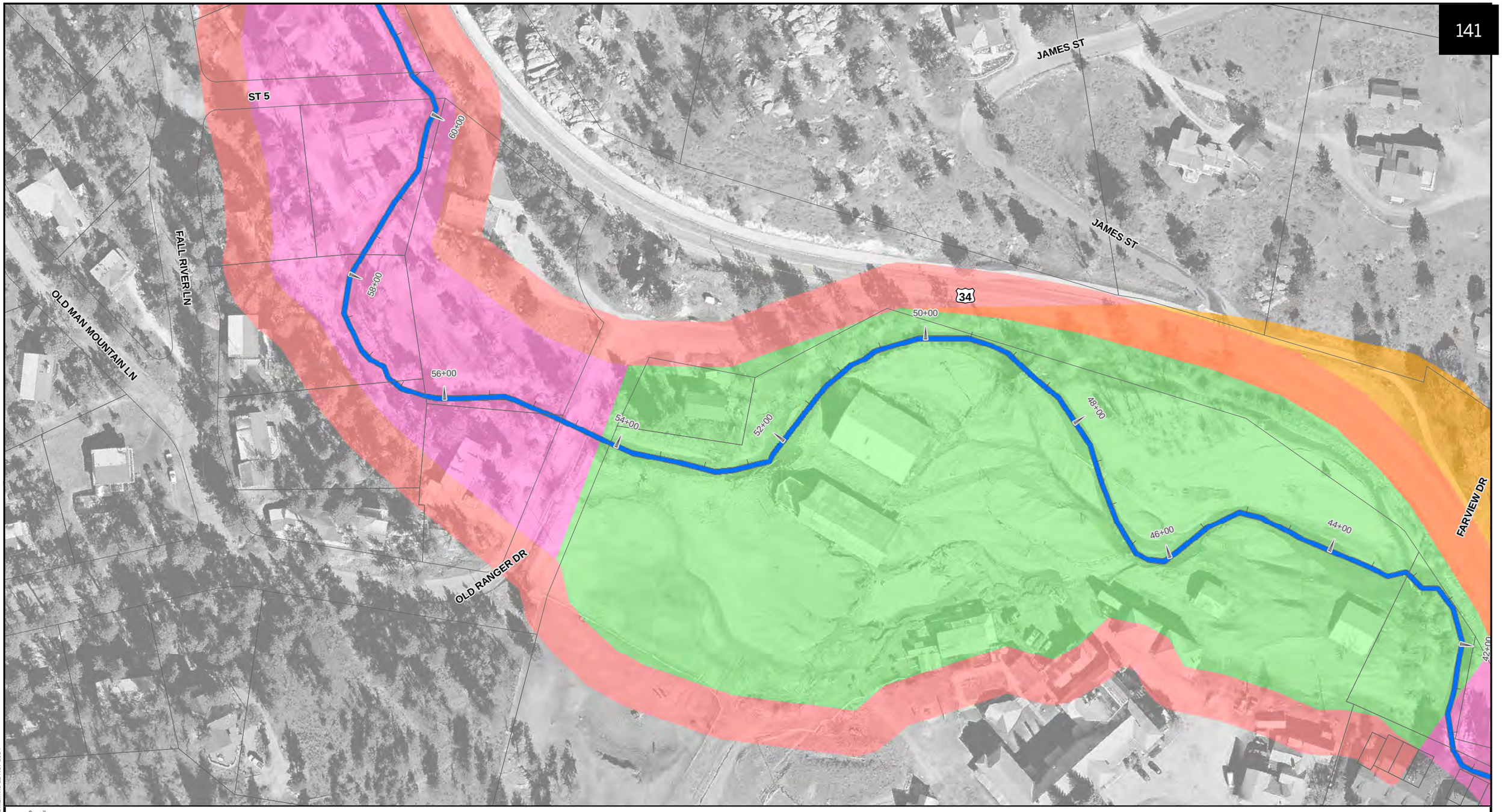
Fall River Corridor
"Plan for Resiliency"
Draft Geomorphic Hazard Zones

Map 5 of 29



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N
W E
S

1:1,200
1 inch = 100 feet
0 100
Feet

- Fall River Active Channel
- Estimated Parcel Boundary (See Notes)
- Erosion Hazard Area
- Alluvial Fan
- Avulsion Hazard Area
- Disconnected Migration Area
- Modern Valley Bottom

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Map 6 of 29

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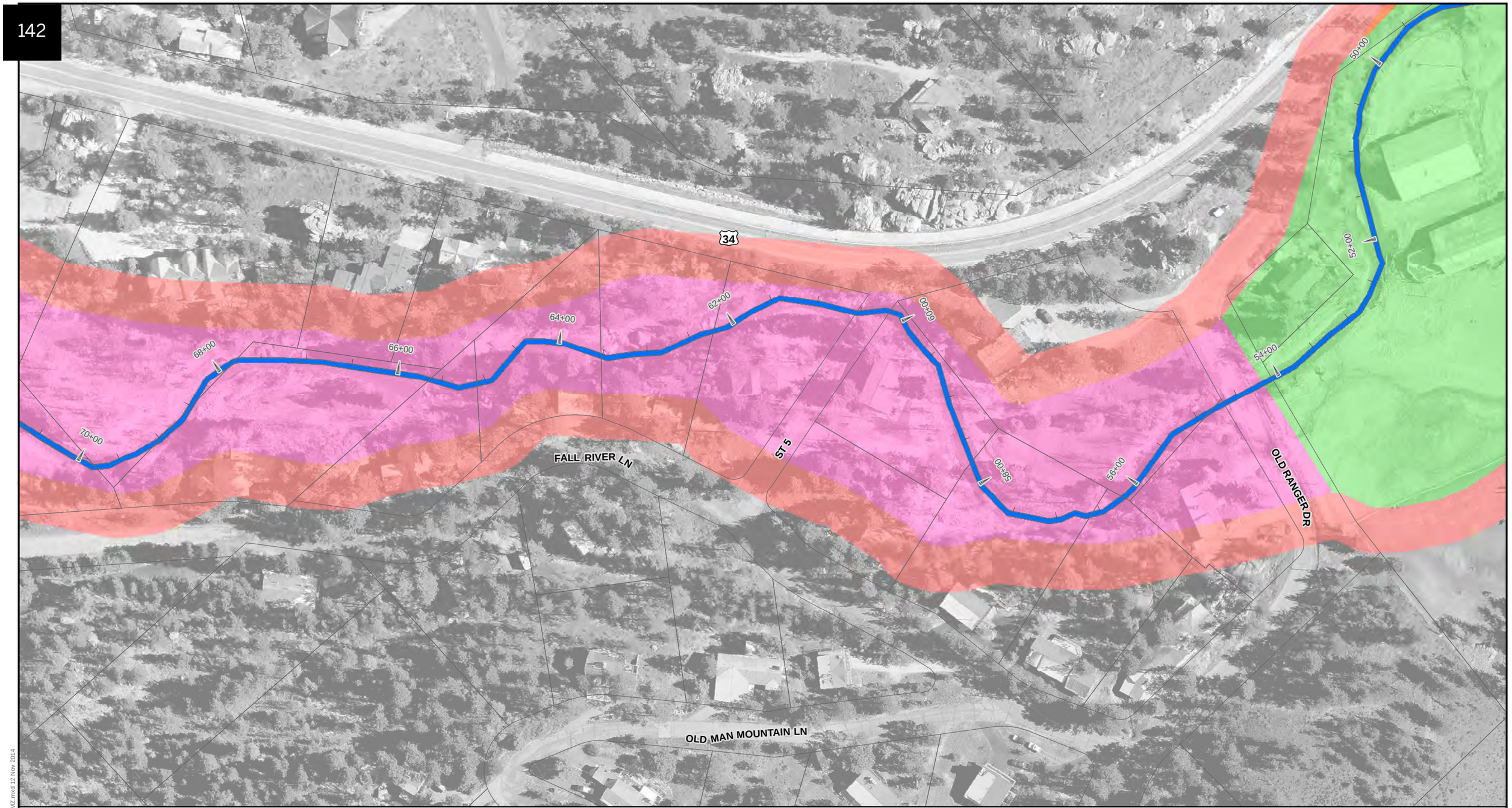

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Crane Associates

N W E S

1:1,200
1 inch = 100 feet
0 100
Feet

- Fall River Active Channel
- Estimated Parcel Boundary (See Notes)
- Erosion Hazard Area
- Alluvial Fan
- Avulsion Hazard Area
- Disconnected Migration Area
- Modern Valley Bottom

Fall River Coalition

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Draft Geomorphic Hazard Zones
Map 7 of 29

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1:1,200
1 inch = 100 feet
0 100
Feet

- Fall River Active Channel
- Estimated Parcel Boundary (See Notes)
- Erosion Hazard Area
- Alluvial Fan
- Avulsion Hazard Area
- Disconnected Migration Area
- Modern Valley Bottom

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Draft Geomorphic Hazard Zones
Map 8 of 29

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Fall River Active Channel

Estimated Parcel Boundary (See Notes)

Erosion Hazard Area

Alluvial Fan

Avulsion Hazard Area

Disconnected Migration Area

Modern Valley Bottom

1:1,200
1 inch = 100 feet

0 100
Feet

Fall River Coalition

Fall River Corridor
"Plan for Resiliency"
Draft Geomorphic Hazard Zones
Map 9 of 29

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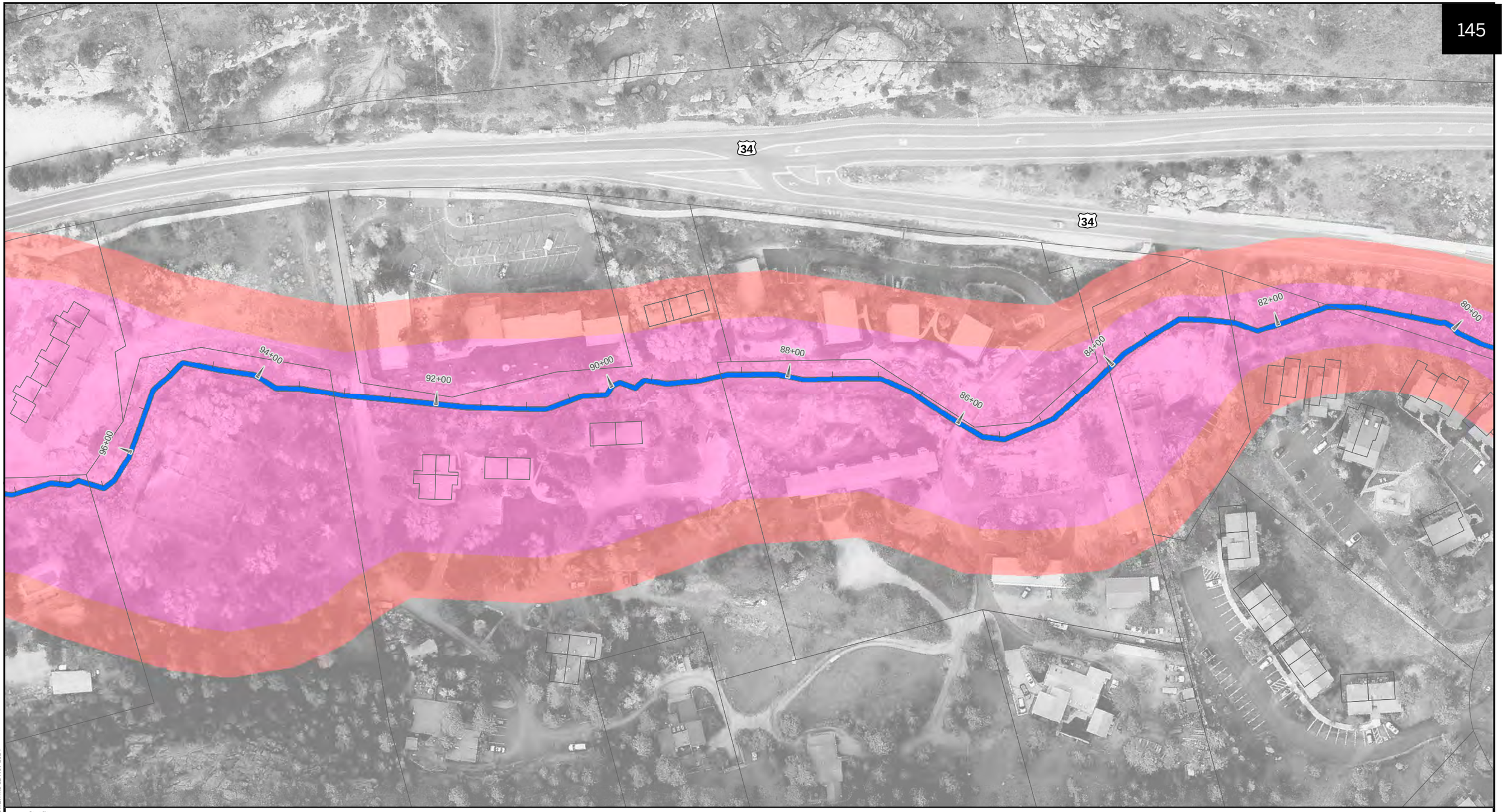

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Anderson Consulting Engineers
FlyWater
Colorado Colorado Water Conservation Board
Crane Associates

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1:1,200
1 inch = 100 feet

0 100
Feet

- Fall River Active Channel
- Estimated Parcel Boundary (See Notes)
- Erosion Hazard Area
- Alluvial Fan
- Avulsion Hazard Area
- Disconnected Migration Area
- Modern Valley Bottom

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Map 10 of 29

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1:1,200
1 inch = 100 feet
0 100
Feet

- Fall River Active Channel
- Estimated Parcel Boundary (See Notes)
- Erosion Hazard Area
- Alluvial Fan
- Avulsion Hazard Area
- Disconnected Migration Area
- Modern Valley Bottom

Fall River Coalition

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Draft Geomorphic Hazard Zones
Map 11 of 29

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Crane Associates

1:1,200
1 inch = 100 feet
0 100
Feet

- Fall River Active Channel
- Estimated Parcel Boundary (See Notes)
- Erosion Hazard Area
- Alluvial Fan
- Avulsion Hazard Area
- Disconnected Migration Area
- Modern Valley Bottom

Fall River Coalition

Fall River Corridor
"Plan for Resiliency"
Draft Geomorphic Hazard Zones
Map 12 of 29

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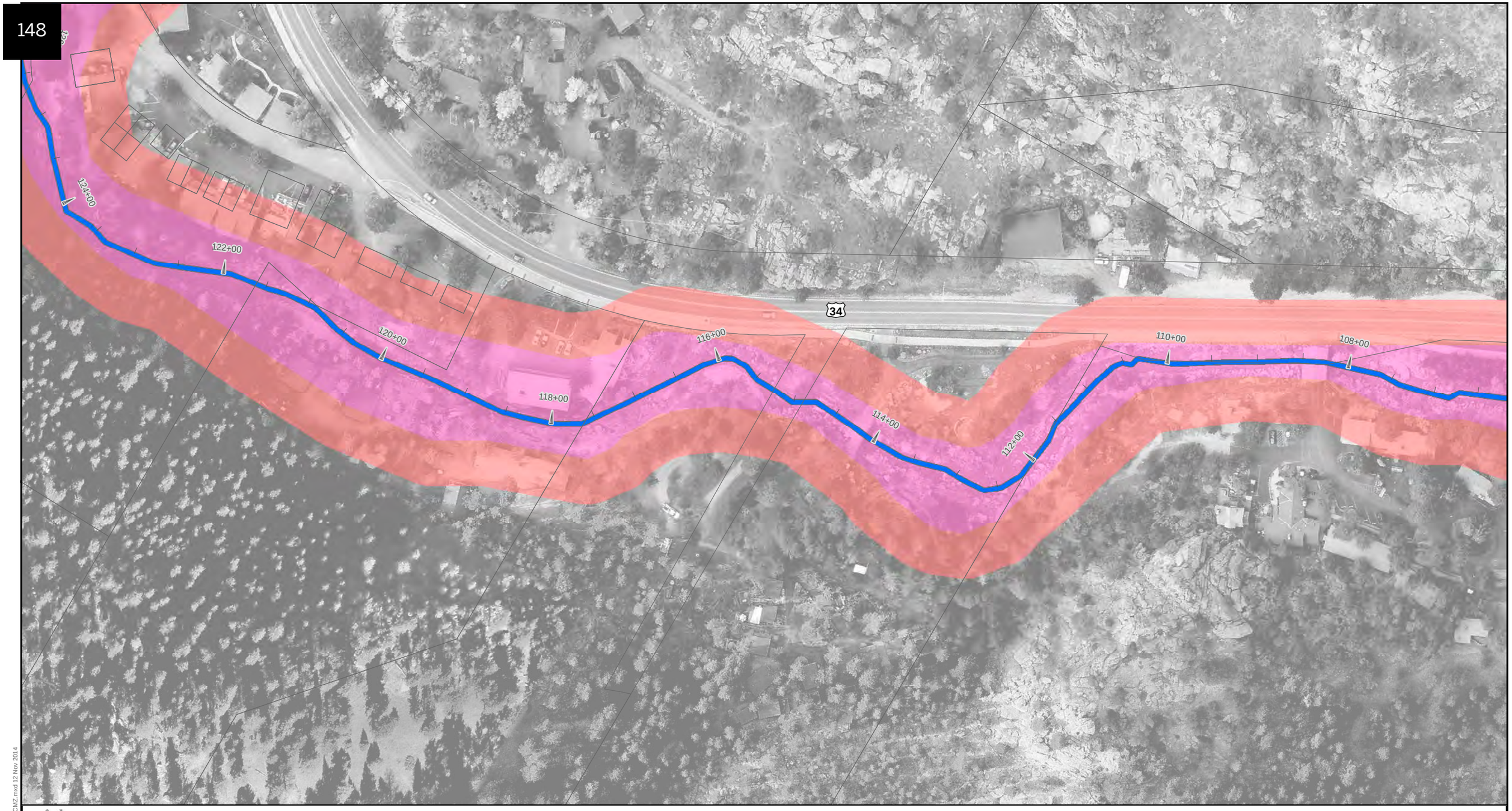

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Crane Associates

1:1,200
1 inch = 100 feet
0 100
Feet

- Fall River Active Channel
- Estimated Parcel Boundary (See Notes)
- Erosion Hazard Area
- Alluvial Fan
- Avulsion Hazard Area
- Disconnected Migration Area
- Modern Valley Bottom

Fall River Coalition

Fall River Corridor
"Plan for Resiliency"
Draft Geomorphic Hazard Zones
Map 13 of 29

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1:1,200
1 inch = 100 feet
0 100
Feet

- Fall River Active Channel
- Estimated Parcel Boundary (See Notes)
- Erosion Hazard Area
- Alluvial Fan
- Avulsion Hazard Area
- Disconnected Migration Area
- Modern Valley Bottom

Fall River Coalition

Fall River Corridor
"Plan for Resiliency"
Draft Geomorphic Hazard Zones
Map 14 of 29

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N W E S

1:1,200
1 inch = 100 feet
0 100
Feet

- Fall River Active Channel
- Estimated Parcel Boundary (See Notes)
- Erosion Hazard Area
- Alluvial Fan
- Avulsion Hazard Area
- Disconnected Migration Area
- Modern Valley Bottom

EP Fall River Coalition

Fall River Corridor
"Plan for Resiliency"
Draft Geomorphic Hazard Zones
Map 15 of 29

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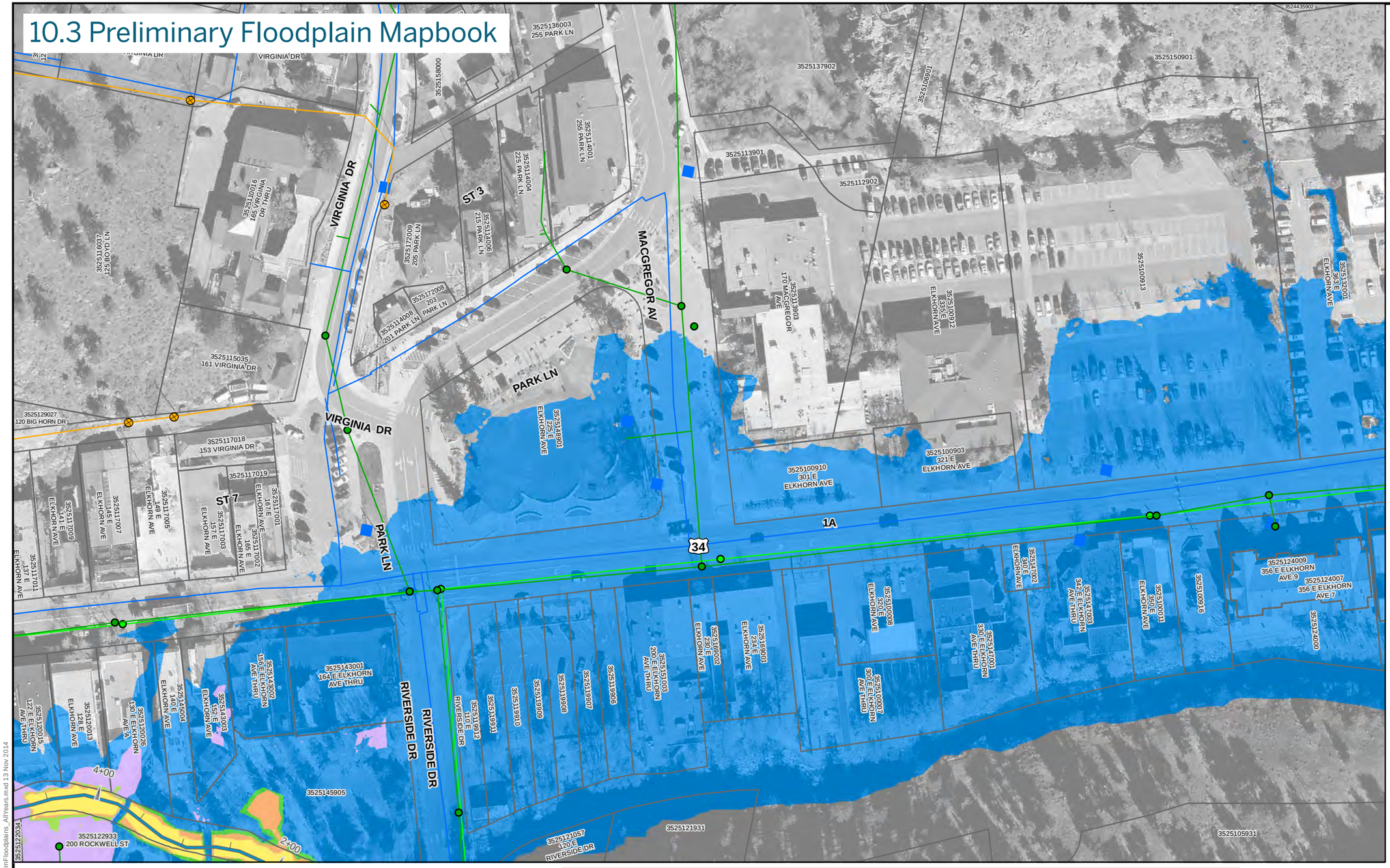
10.3 Preliminary Floodplain Mapbook



* Preliminary 100-Year Floodplain
*Preliminary 50-Year Floodplain
*Preliminary 25-Year Floodplain
*Preliminary 10-Year Floodplain
* Preliminary 2-Year Floodplain
Fall River Active Channel
Parcel Boundary
Overhead Transformer
Primary Overhead Power Lines
EPSD Sewer Manhole
EPSD Sewer Main
UTSD Sewer Manhole
UTSD Sewer Main
Hydrant
Water Main

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Crane Associates
Colorado Water Conservation Board

N
W E
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1:1,200
1 inch = 100 feet
0 100
Feet

***NOTES ON PRELIMINARY 100-YEAR FLOODPLAIN BOUNDARIES:**

1. DELINEATED BOUNDARIES ARE PRELIMINARY, MEANT ONLY FOR EARLY PLANNING PURPOSES, AND SUBJECT TO CHANGE.
2. FLOODPLAIN BOUNDARIES ARE BASED ON RESULTS OF PRELIMINARY HYDRAULIC MODELING EFFORT, ONLY TO ILLUSTRATE POTENTIAL CHANGES TO FLOODPLAIN BOUNDARIES IN SUPPORT OF THE HMGP APPLICATION.
3. INUNDATION MAPPING IS APPROXIMATE AND MAY NOT ACCURATELY REFLECT FLOODING IN ALL LOCATIONS.
4. MODELING AND MAPPING CONDUCTED USING BEST AVAILABLE POST-SEPTEMBER 2013 FLOOD LiDAR DATA, WHICH WAS UNPROCESSED.
5. MORE DETAILED SURVEYING, HYDROLOGY, HYDRAULICS, AND MAPPING TO BE COMPLETED SUBSEQUENT TO HMGP APPLICATION.
6. FLOODPLAIN BOUNDARIES ARE NOT TIED TO CURRENT REGULATORY MAPPING.
7. FLOODPLAIN BOUNDARIES ARE BASED ON 100-YEAR DISCHARGE ESTIMATES DEVELOPED AND DOCUMENTED BY OTHERS (MATRIX, CDOT) AND WHICH ARE NOT THE EFFECTIVE 100-YEAR DISCHARGE ESTIMATES:
   - ~BIG THOMPSON @ LAKE ESTES 5075 cfs
   - ~BIG THOMPSON @ FALL RIVER 3480 cfs
   - ~FALL RIVER 1670 cfs (no discharge profile established)

   (Fall River 2700 cfs evaluated for comparative purposes - not mapped here)

Fall River Coalition

Fall River Corridor
"Plan for Resiliency"
Preliminary Floodplain Boundaries
Map 1A of 31

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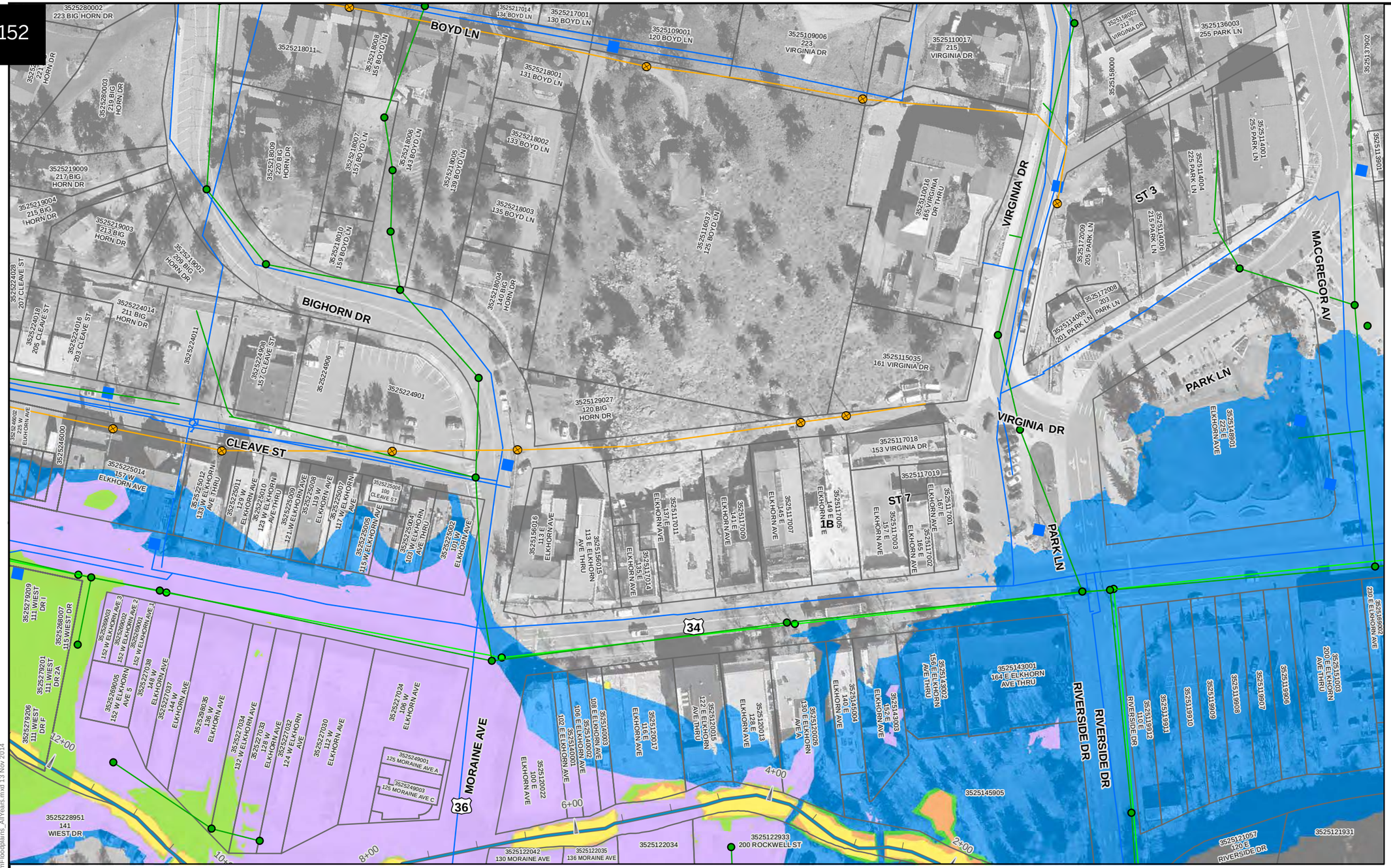

* Preliminary 100-Year Floodplain
*Preliminary 50-Year Floodplain
*Preliminary 25-Year Floodplain
*Preliminary 10-Year Floodplain
* Preliminary 2-Year Floodplain
Fall River Active Channel
Parcel Boundary
Overhead Transformer
Primary Overhead Power Lines
EPSD Sewer Manhole
EPSD Sewer Main
UTSD Sewer Manhole
UTSD Sewer Main
Hydrant
Water Main

N
W E
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1:1,200
1 inch = 100 feet
0 100
Feet

***NOTES ON PRELIMINARY 100-YEAR FLOODPLAIN BOUNDARIES:**

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   ~FALL RIVER 1670 cfs (no discharge profile established)
   (Fall River 2700 cfs evaluated for comparative purposes - not mapped here)

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Fall River Corridor "Plan for Resiliency" Preliminary Floodplain Boundaries

Map 1B of 31

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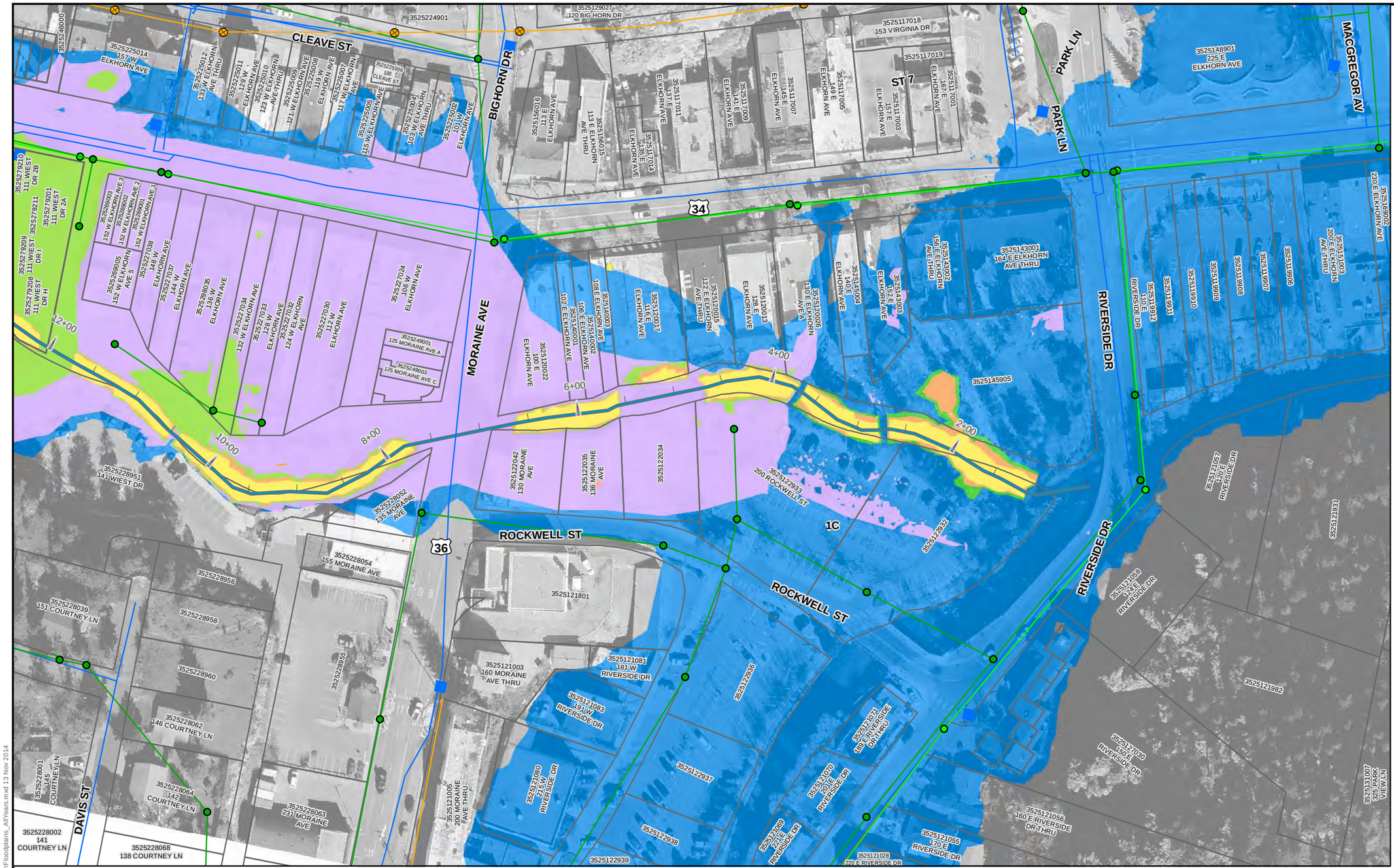

- * Preliminary 100-Year Floodplain
- *Preliminary 50-Year Floodplain
- *Preliminary 25-Year Floodplain
- *Preliminary 10-Year Floodplain
- * Preliminary 2-Year Floodplain
- Fall River Active Channel
- Parcel Boundary
- Overhead Transformer
- Primary Overhead Power Lines
- EPSD Sewer Manhole
- EPSD Sewer Main
- UTSD Sewer Manhole
- UTSD Sewer Main
- Hydrant
- Water Main

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N W E S

1:1,200
1 inch = 100 feet
0 100
Feet

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Fall River Coalition

Fall River Corridor "Plan for Resiliency"
Preliminary Floodplain Boundaries
Map 1C of 31

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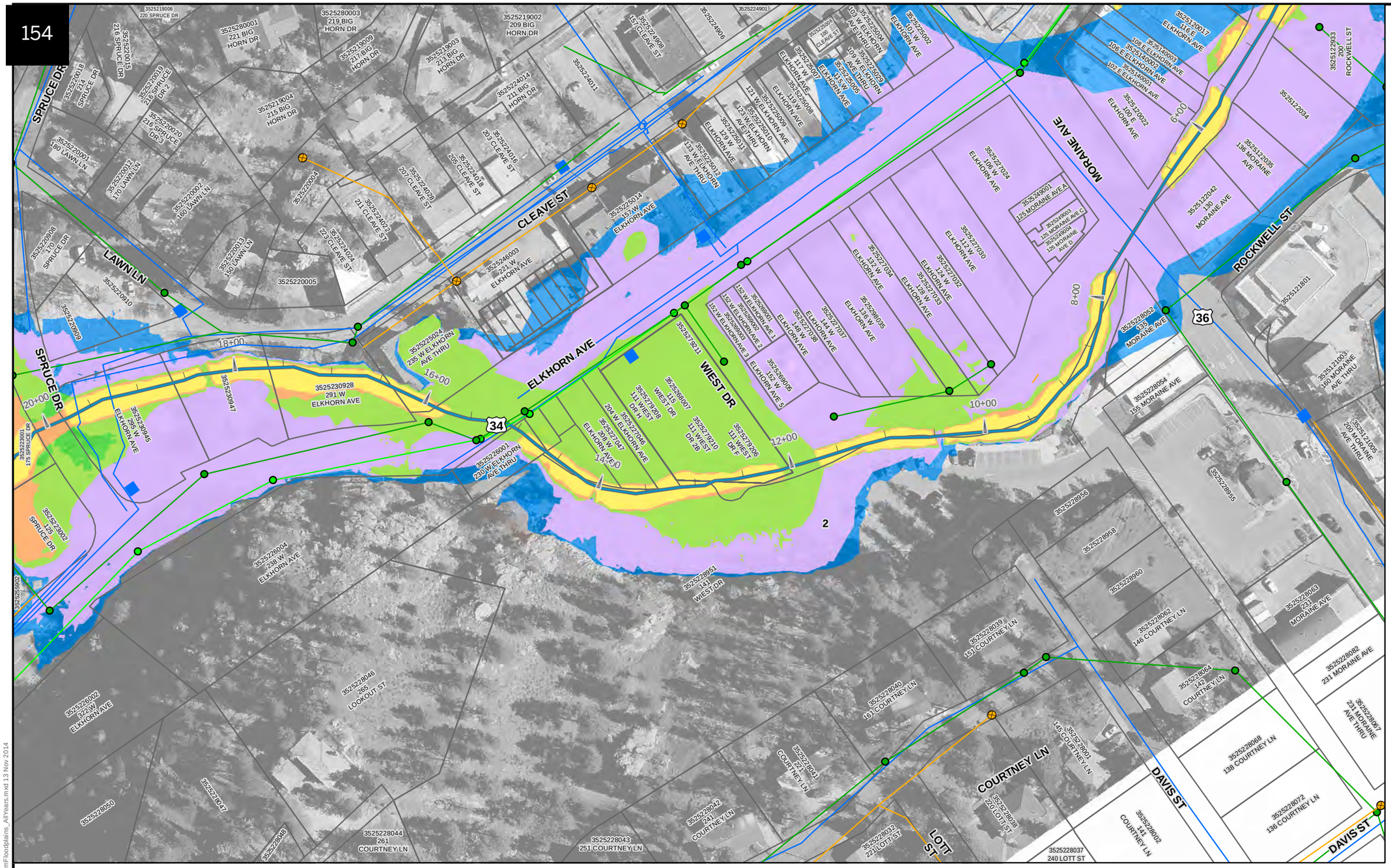

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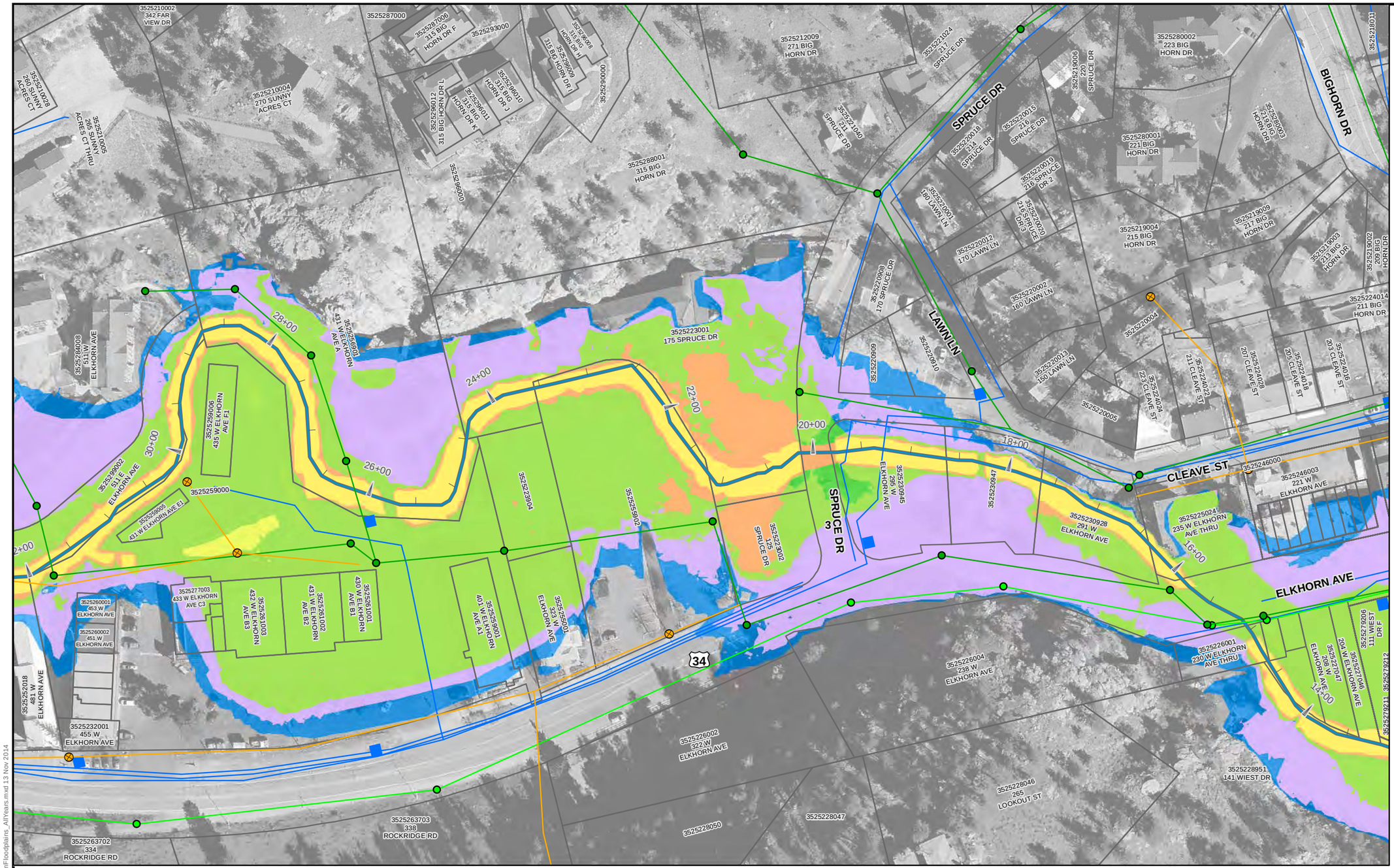

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Map 3 of 31

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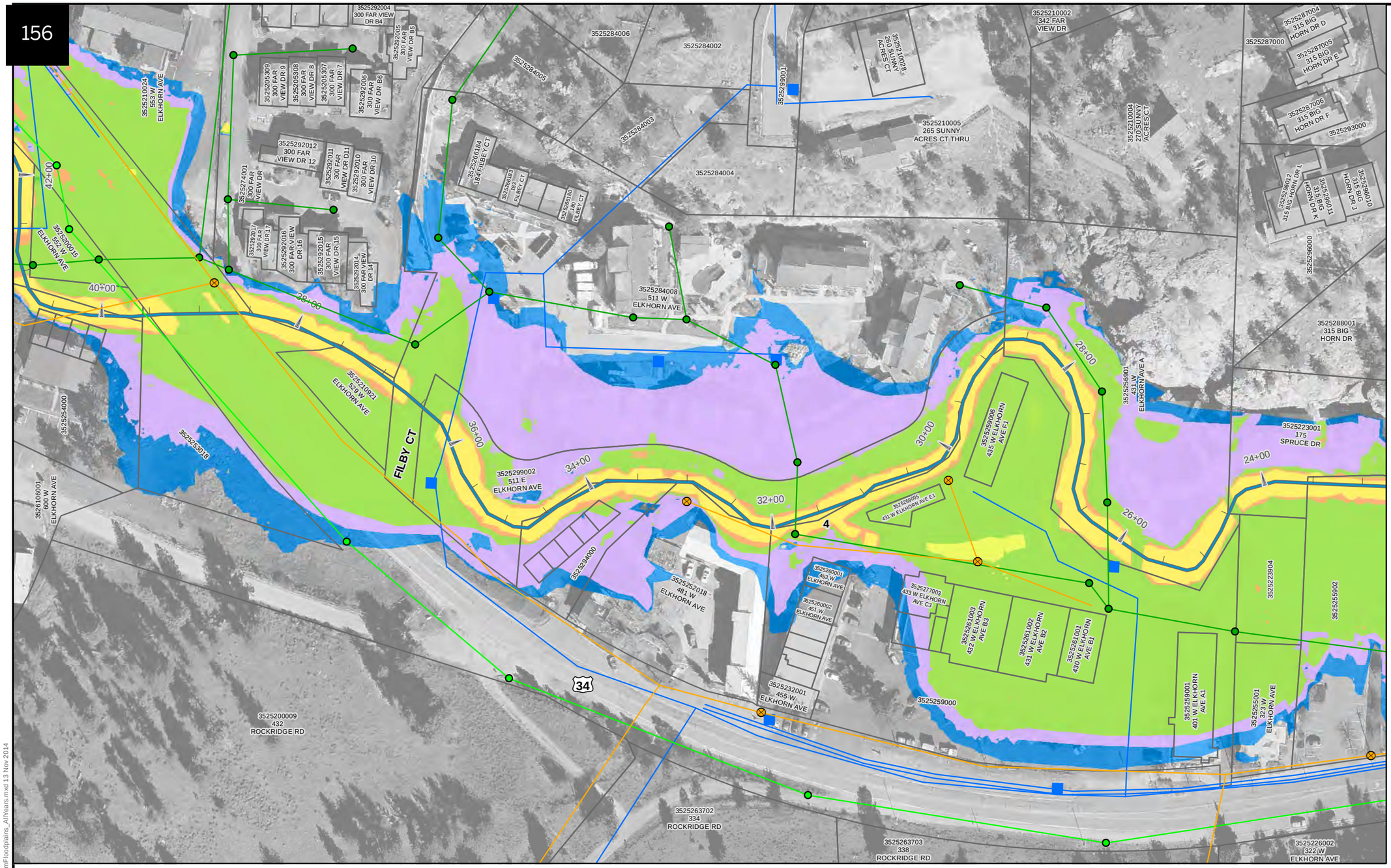

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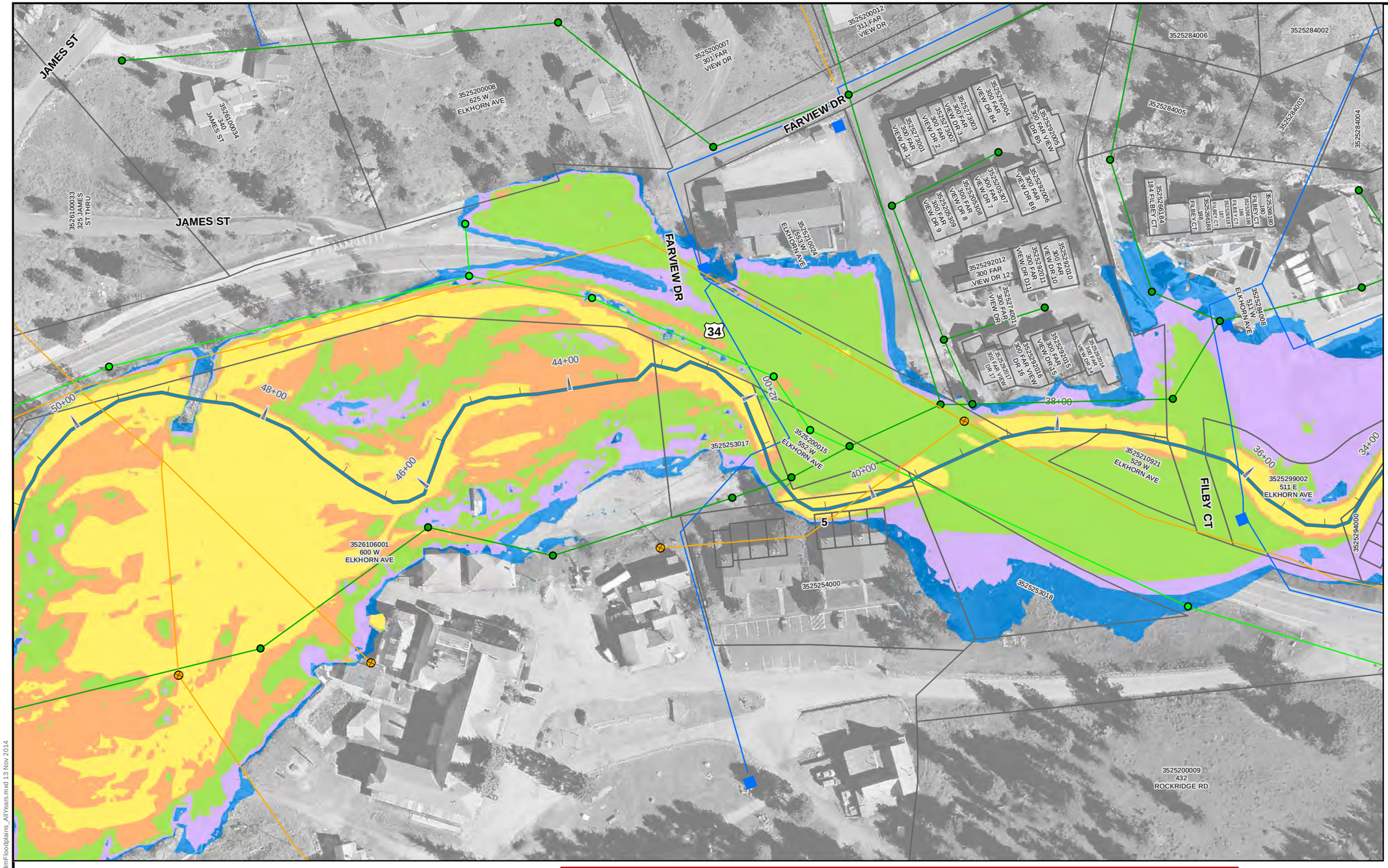

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Map 5 of 31

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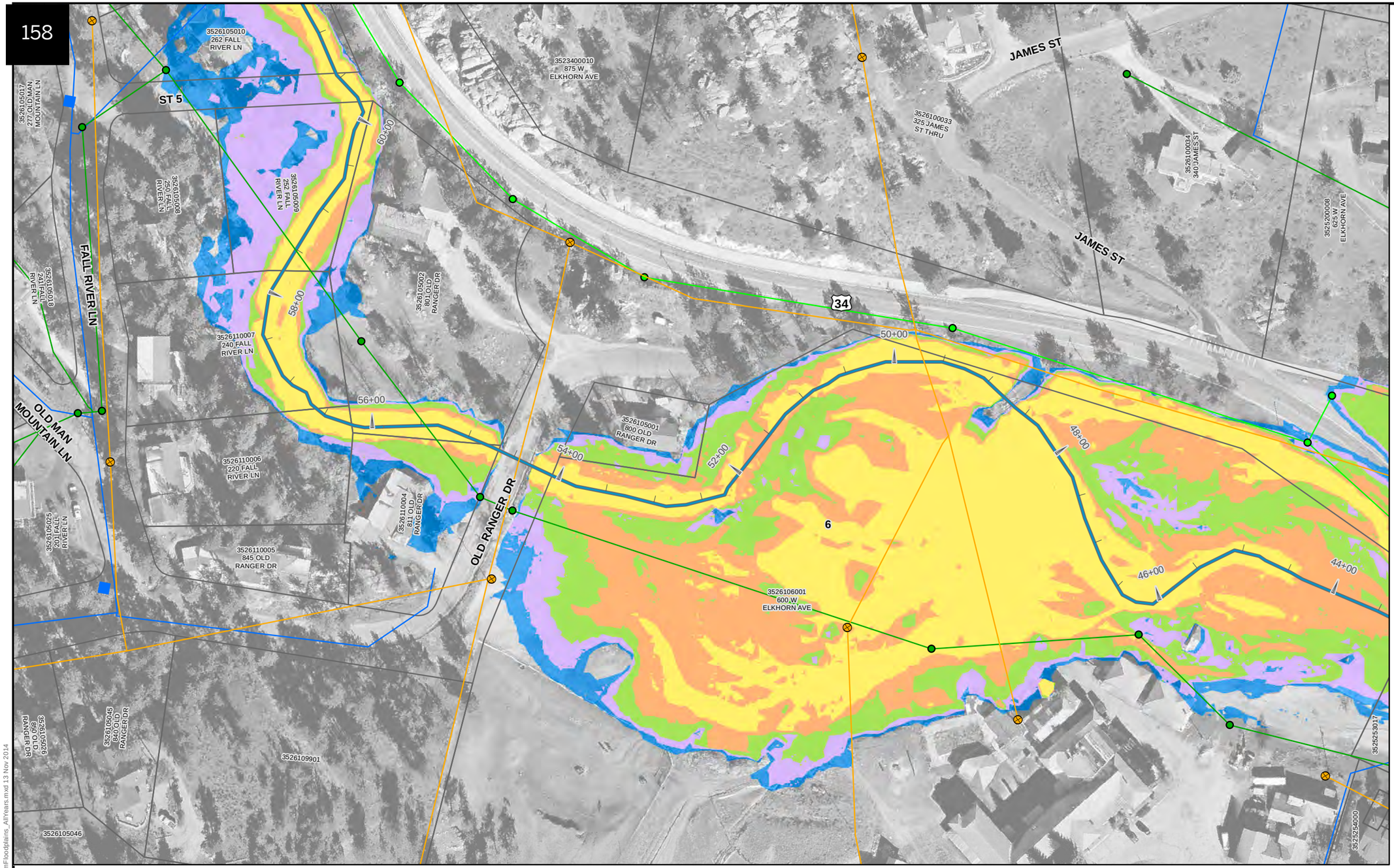

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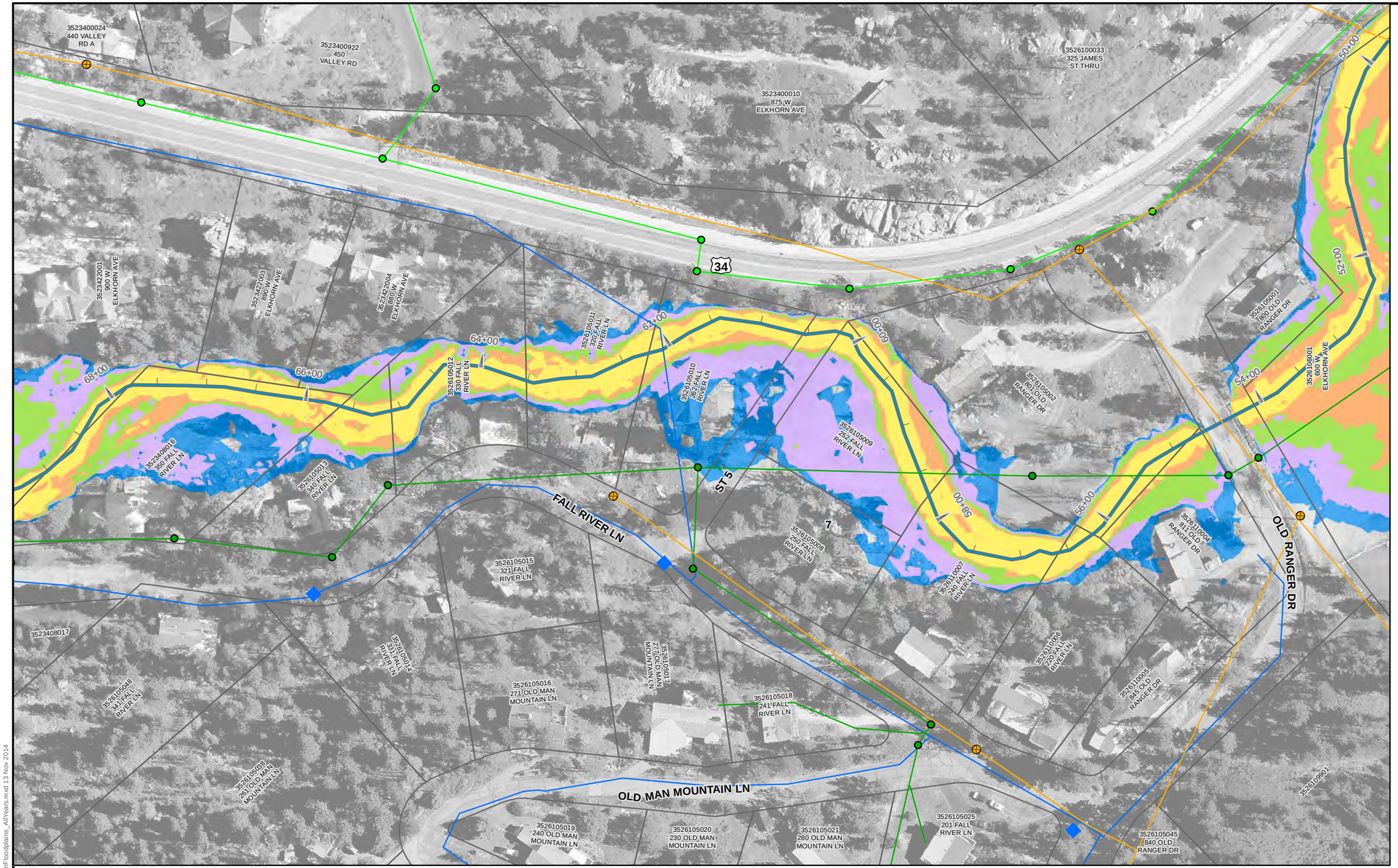

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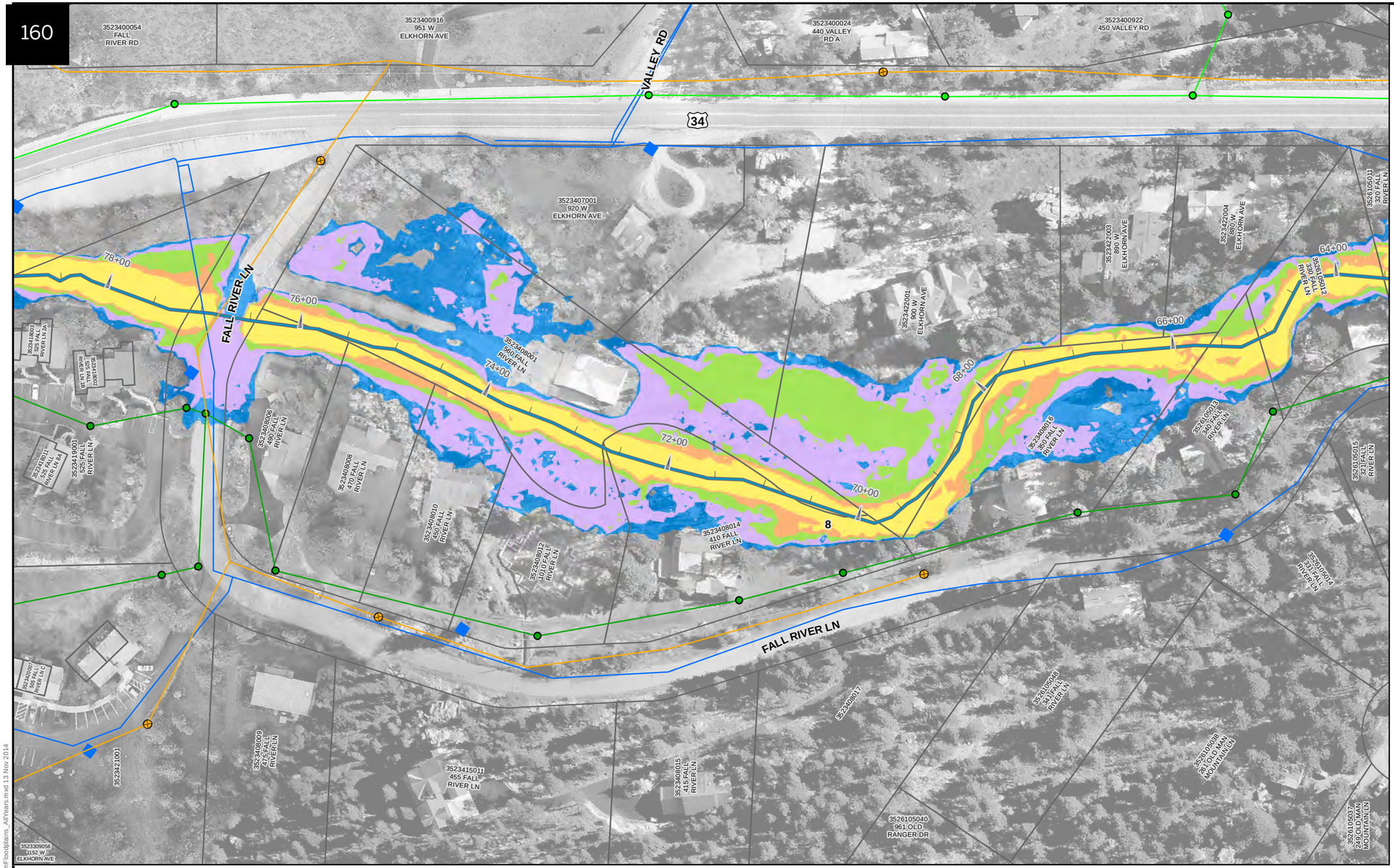

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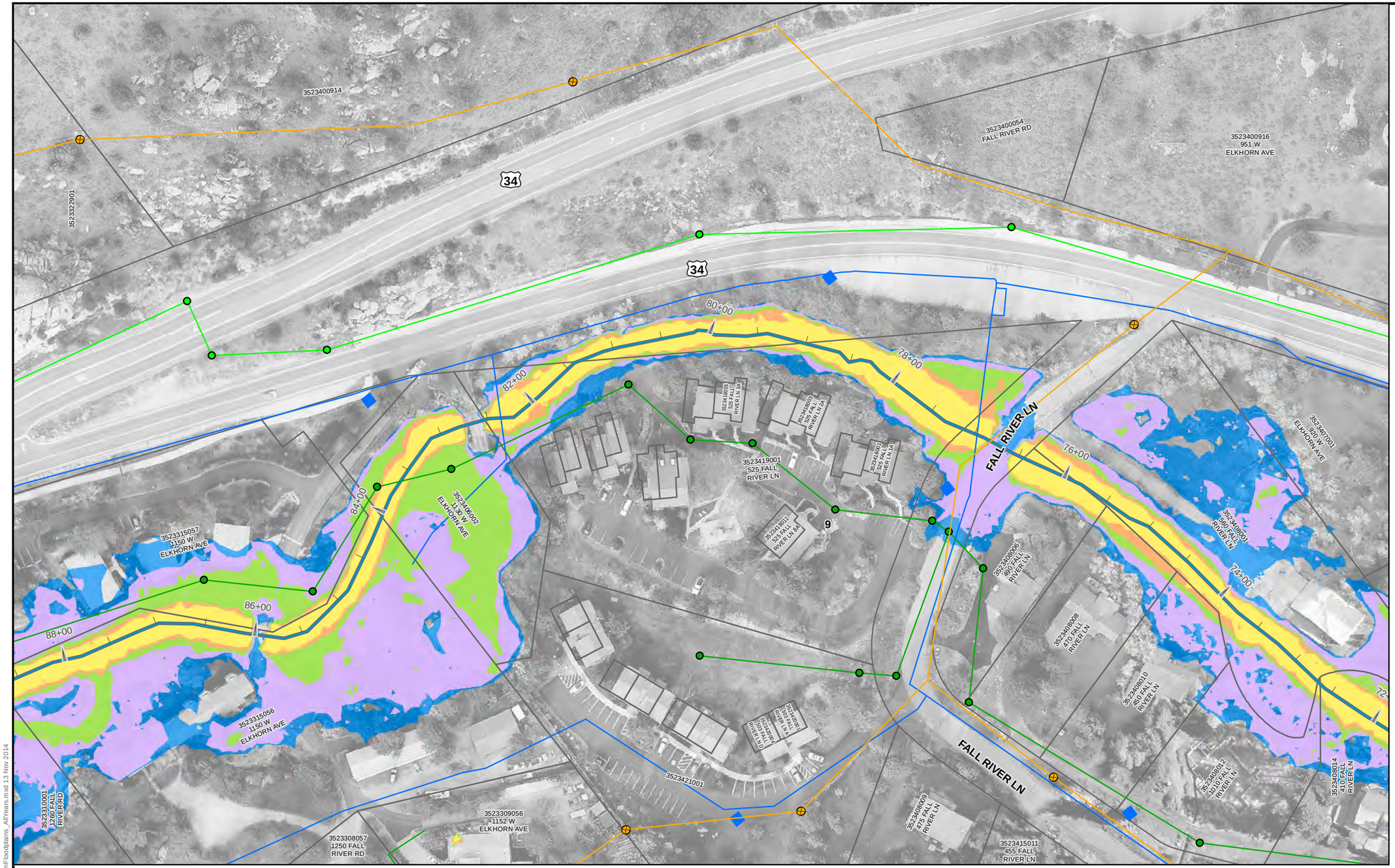

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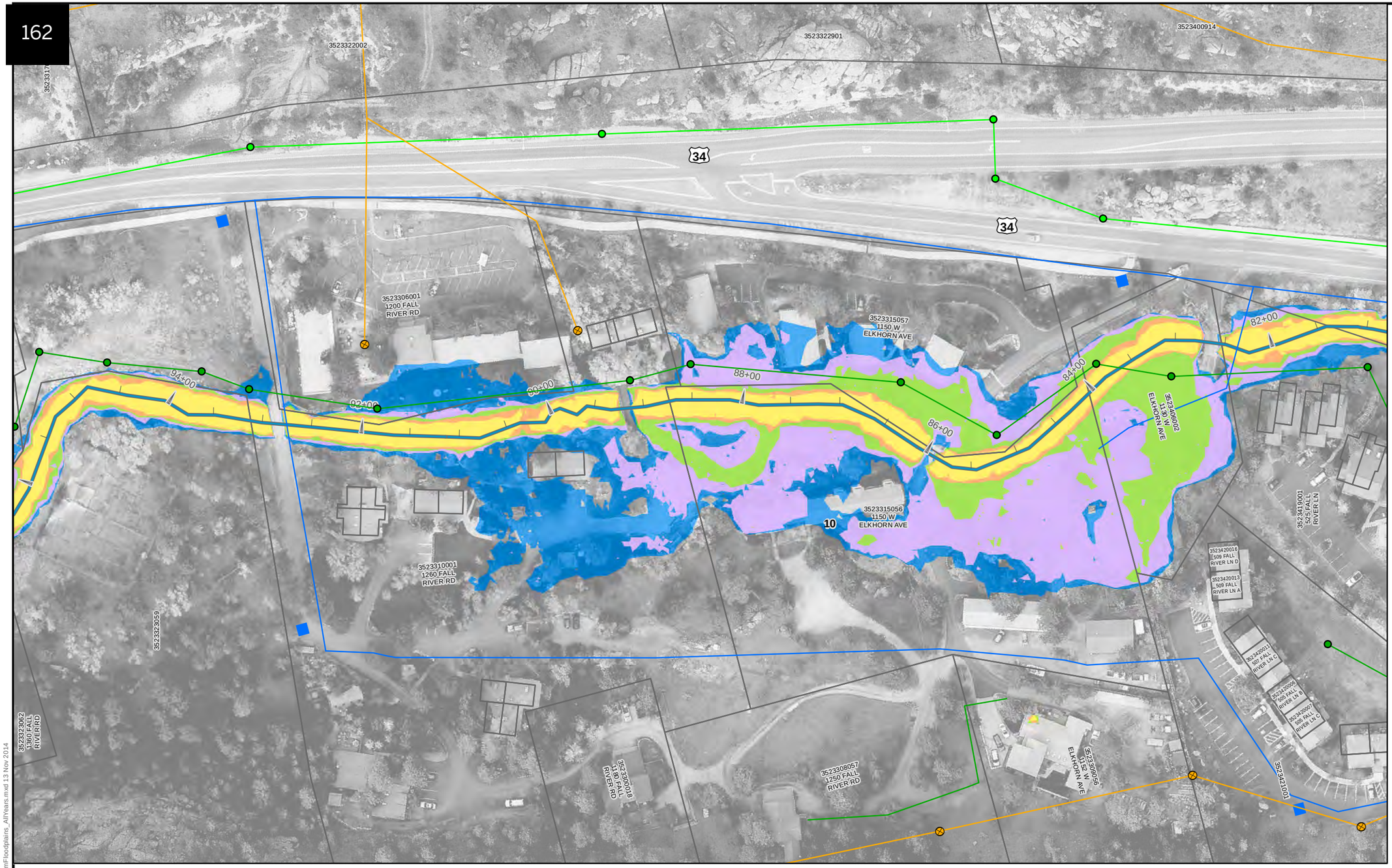

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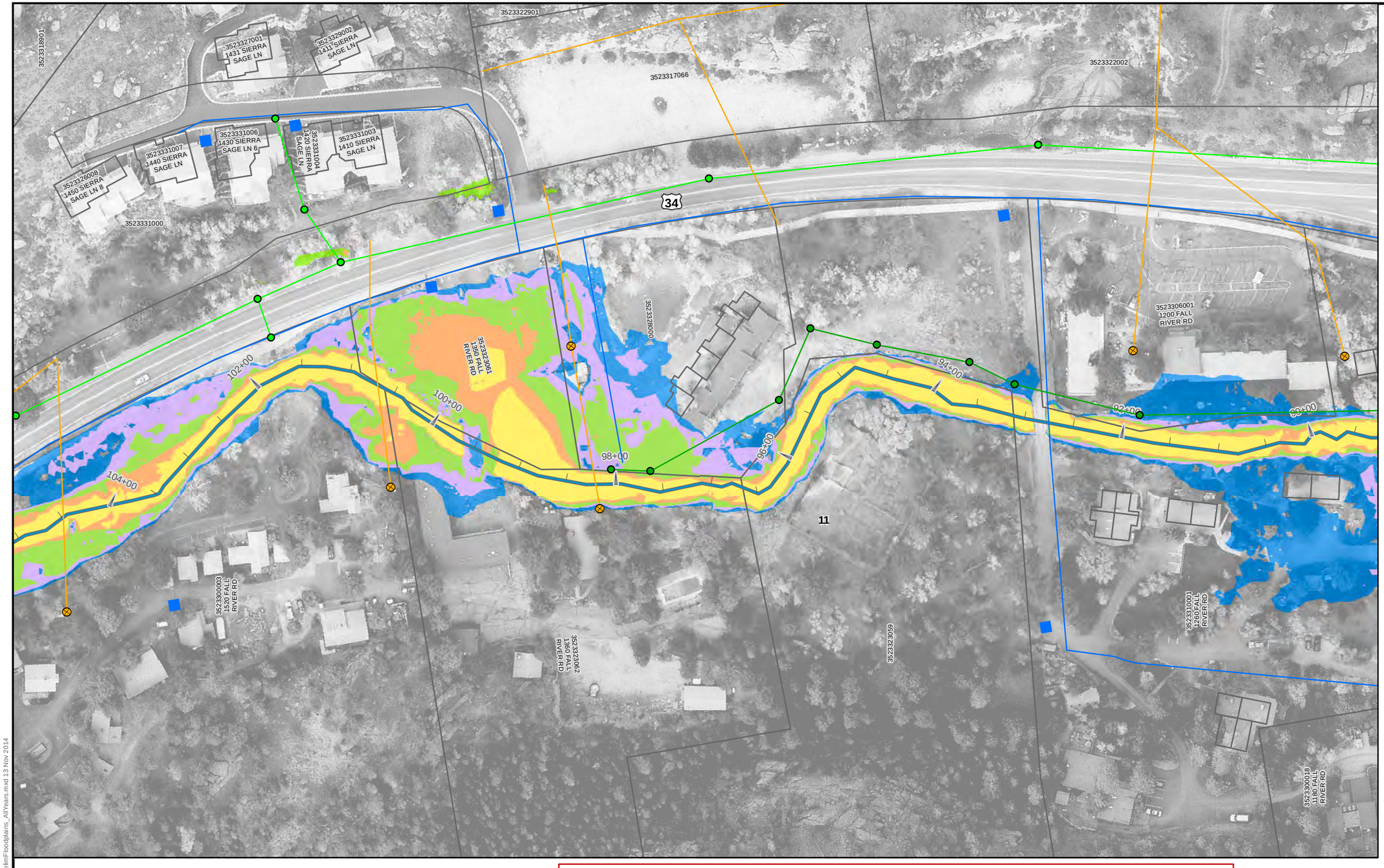

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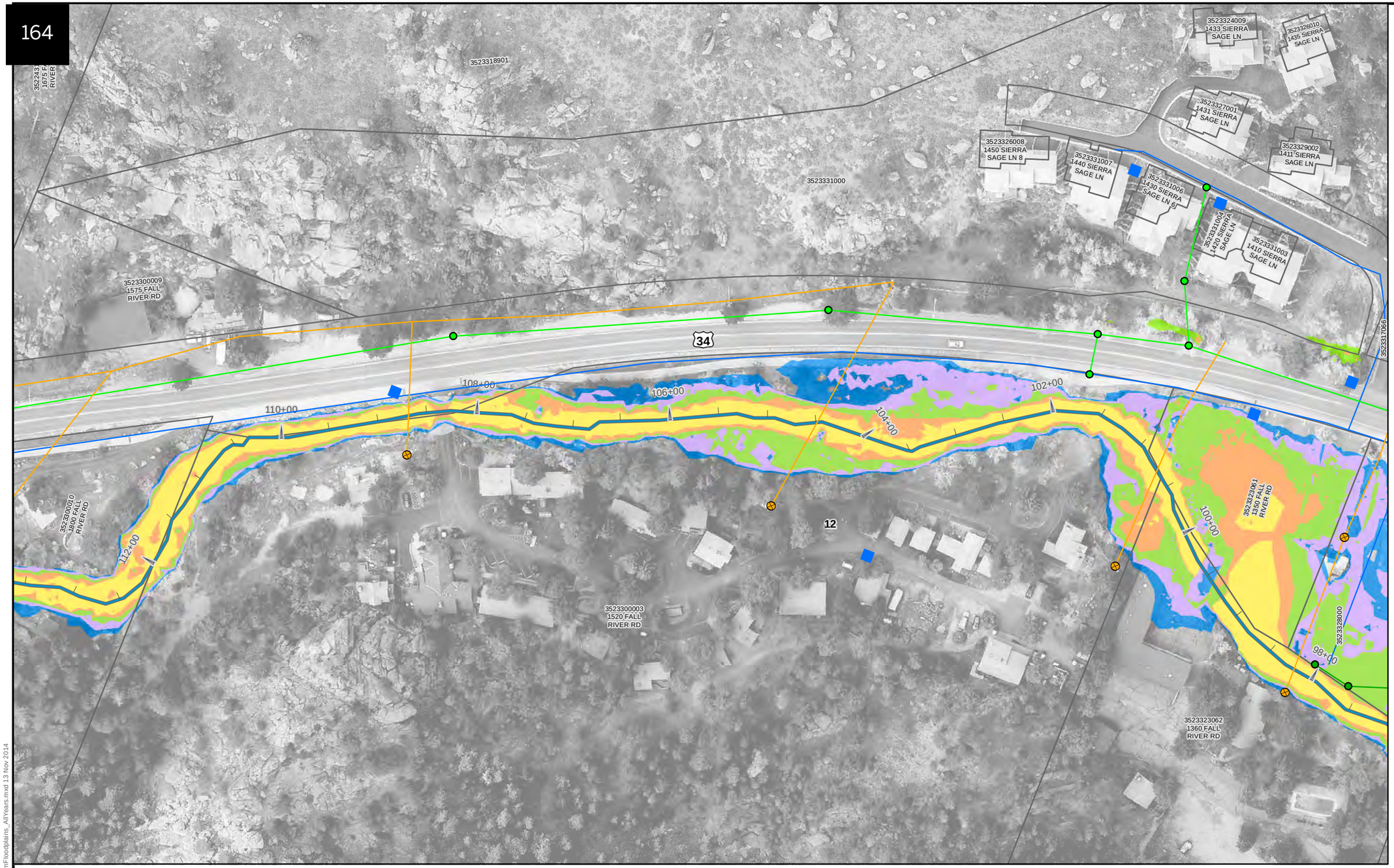

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FlyWater
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1:1,200
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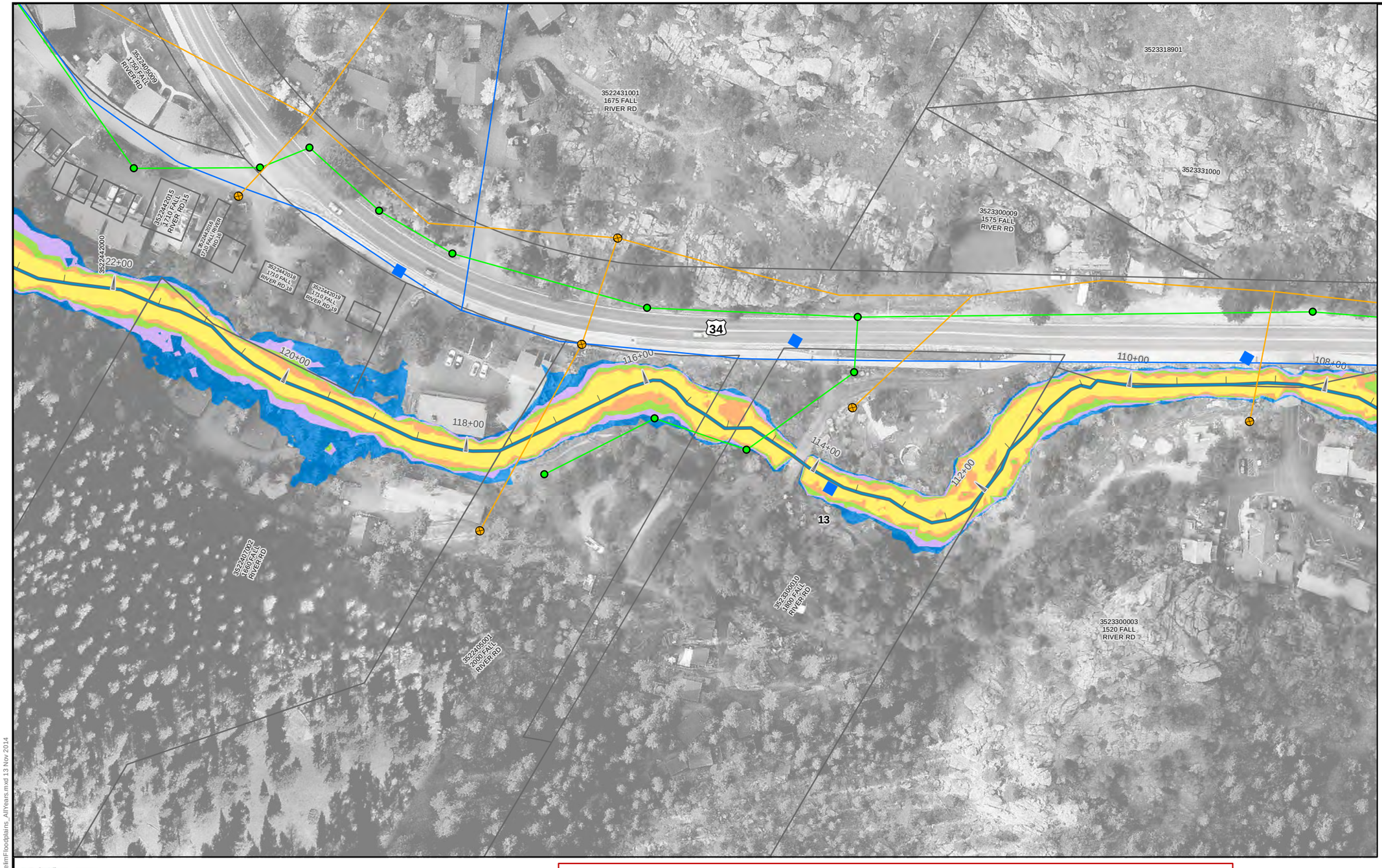

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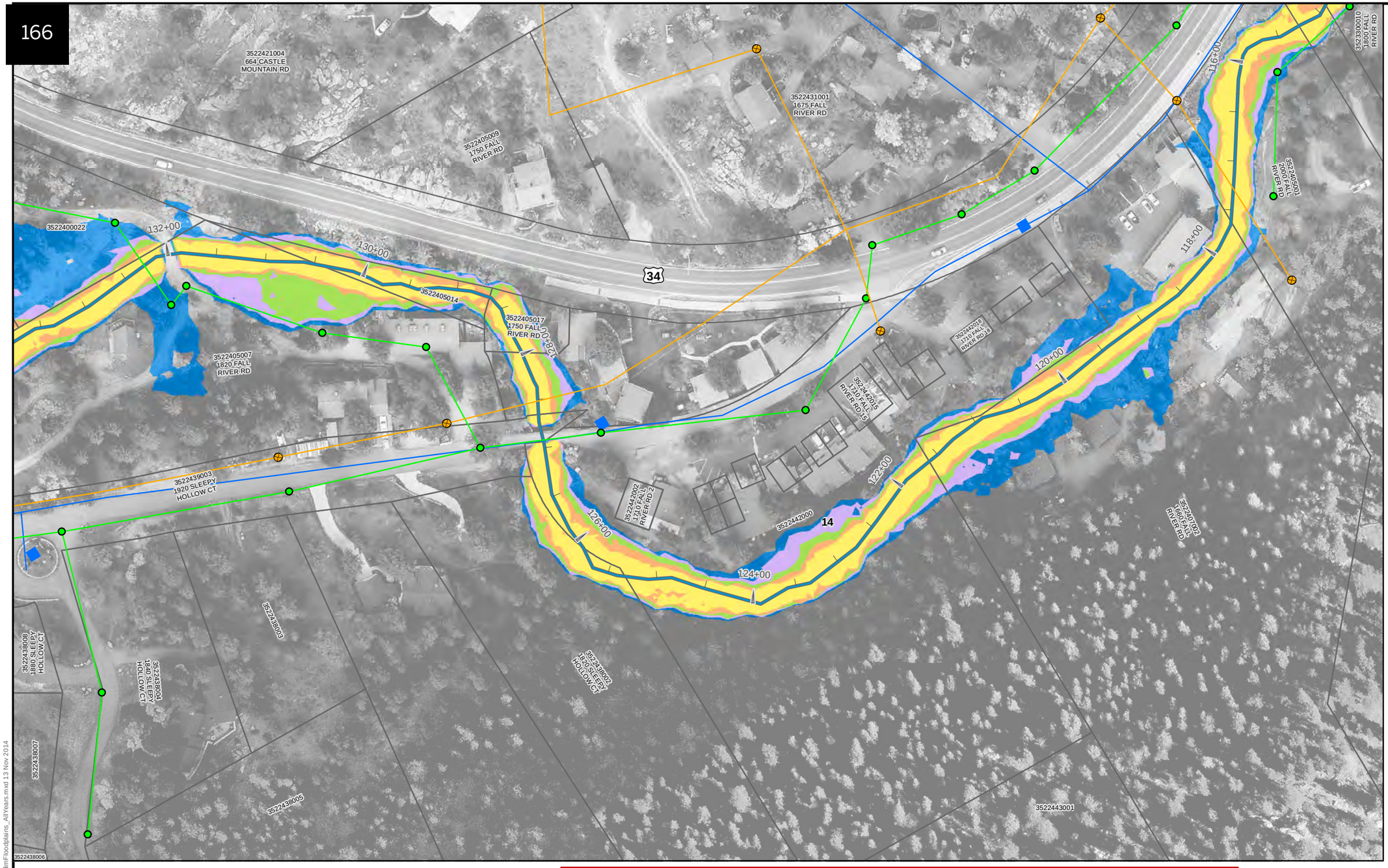

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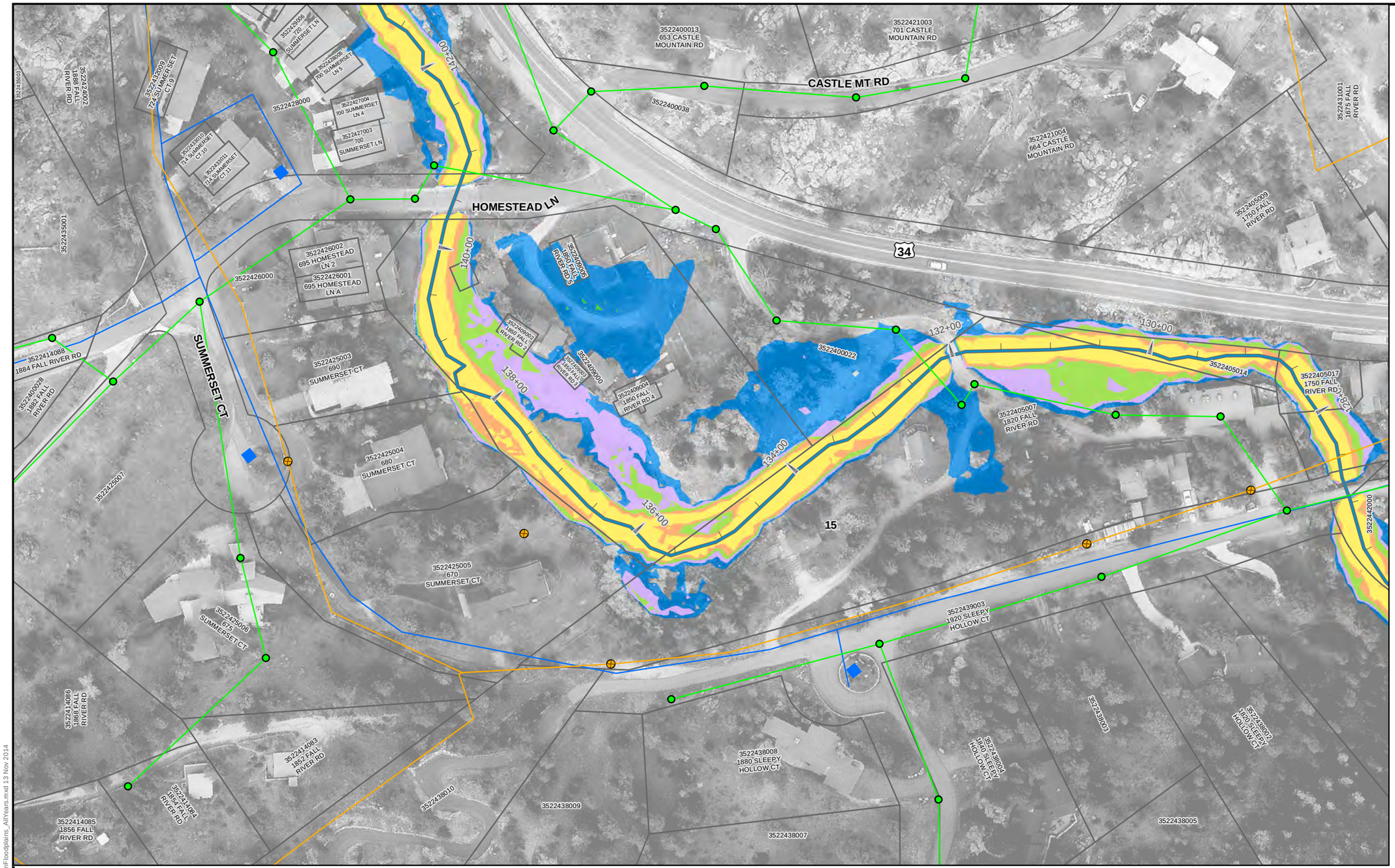

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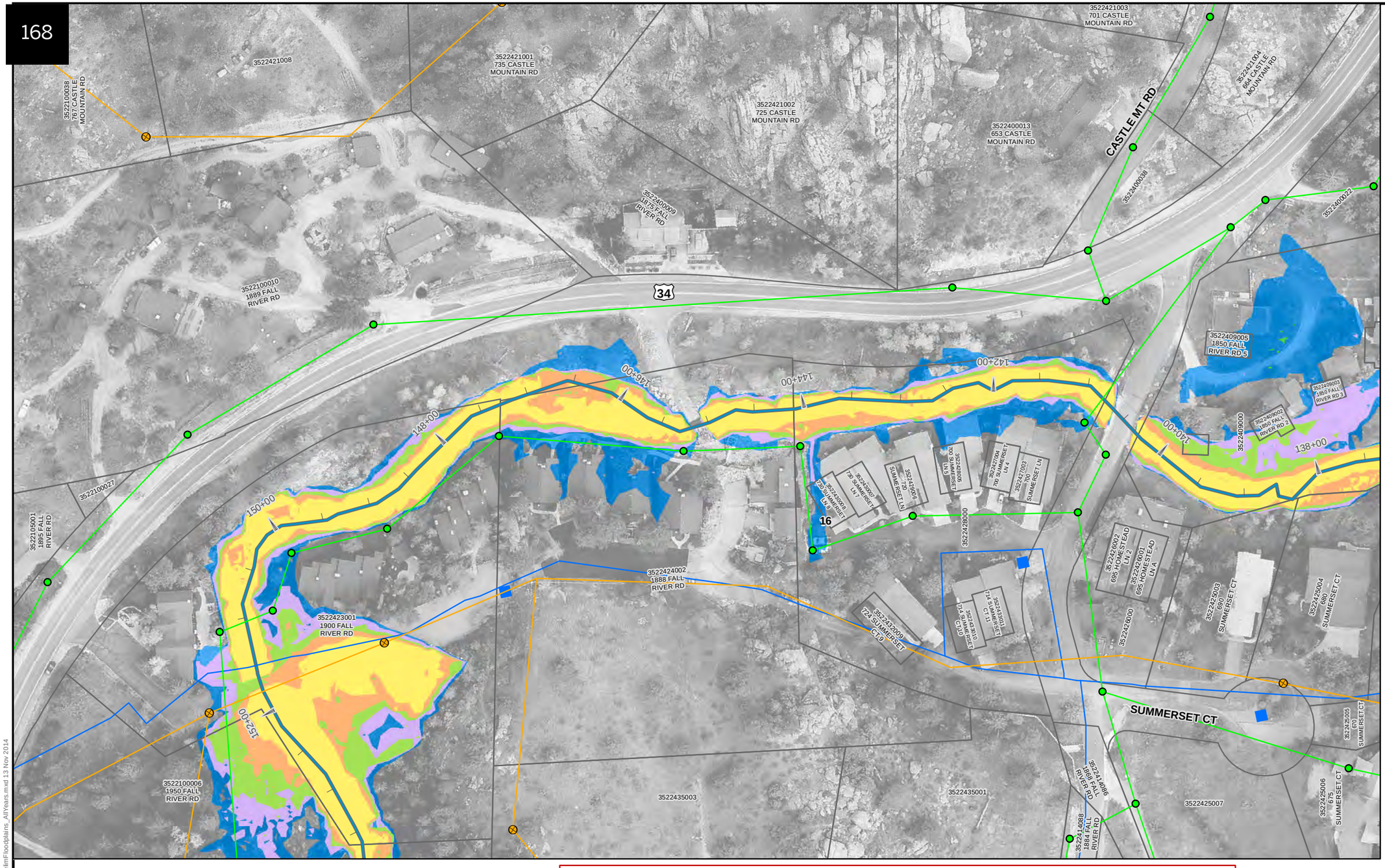

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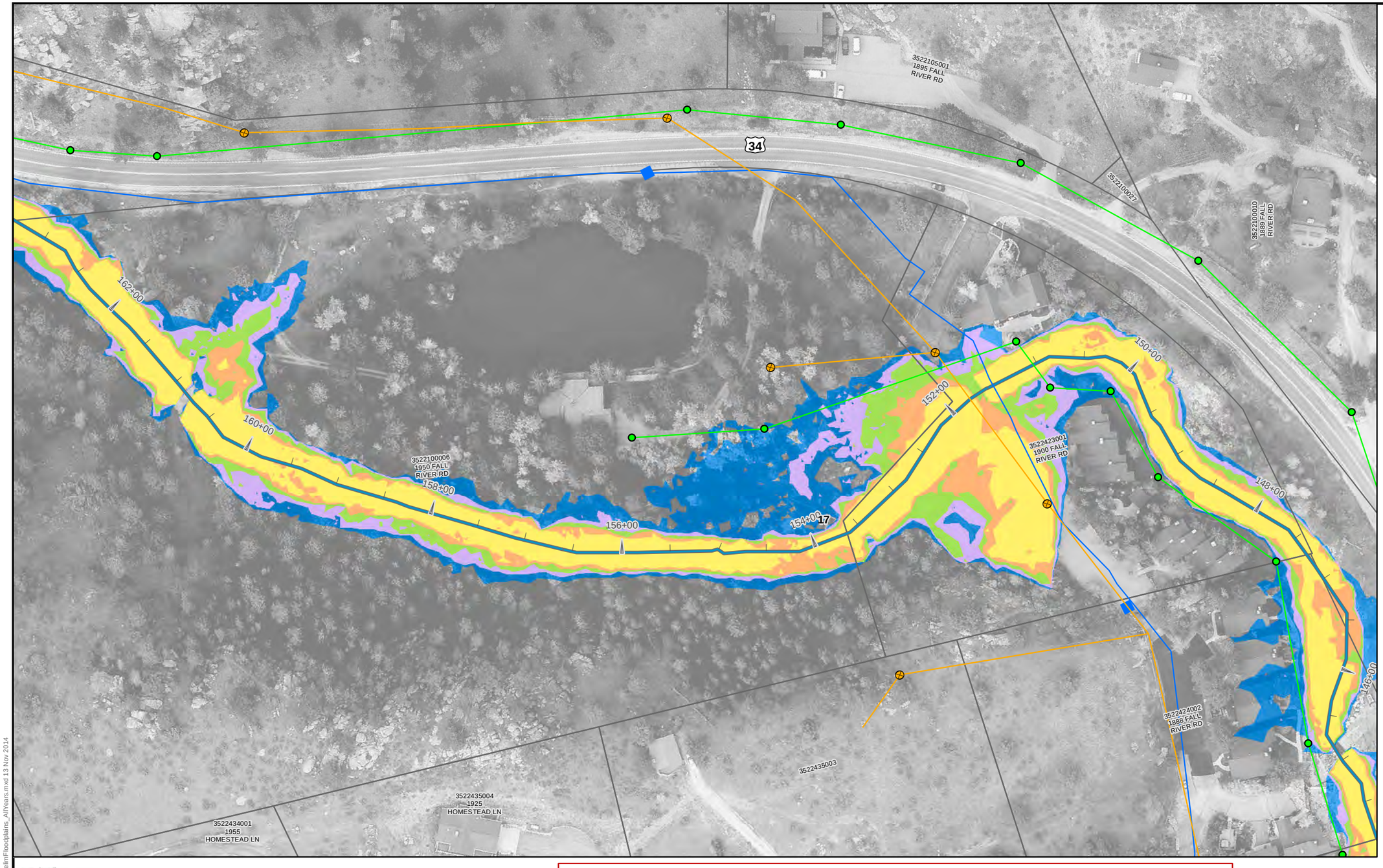

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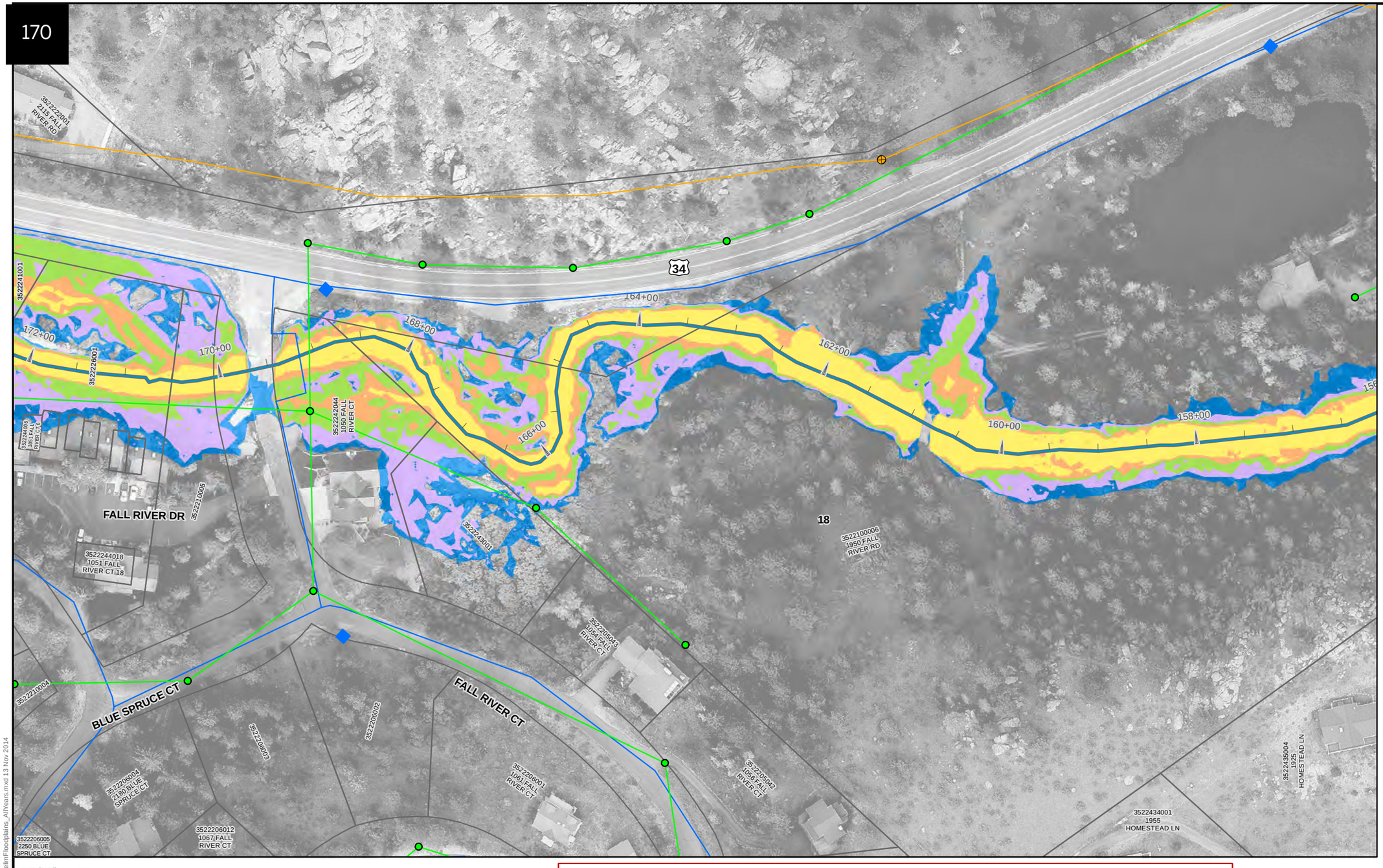

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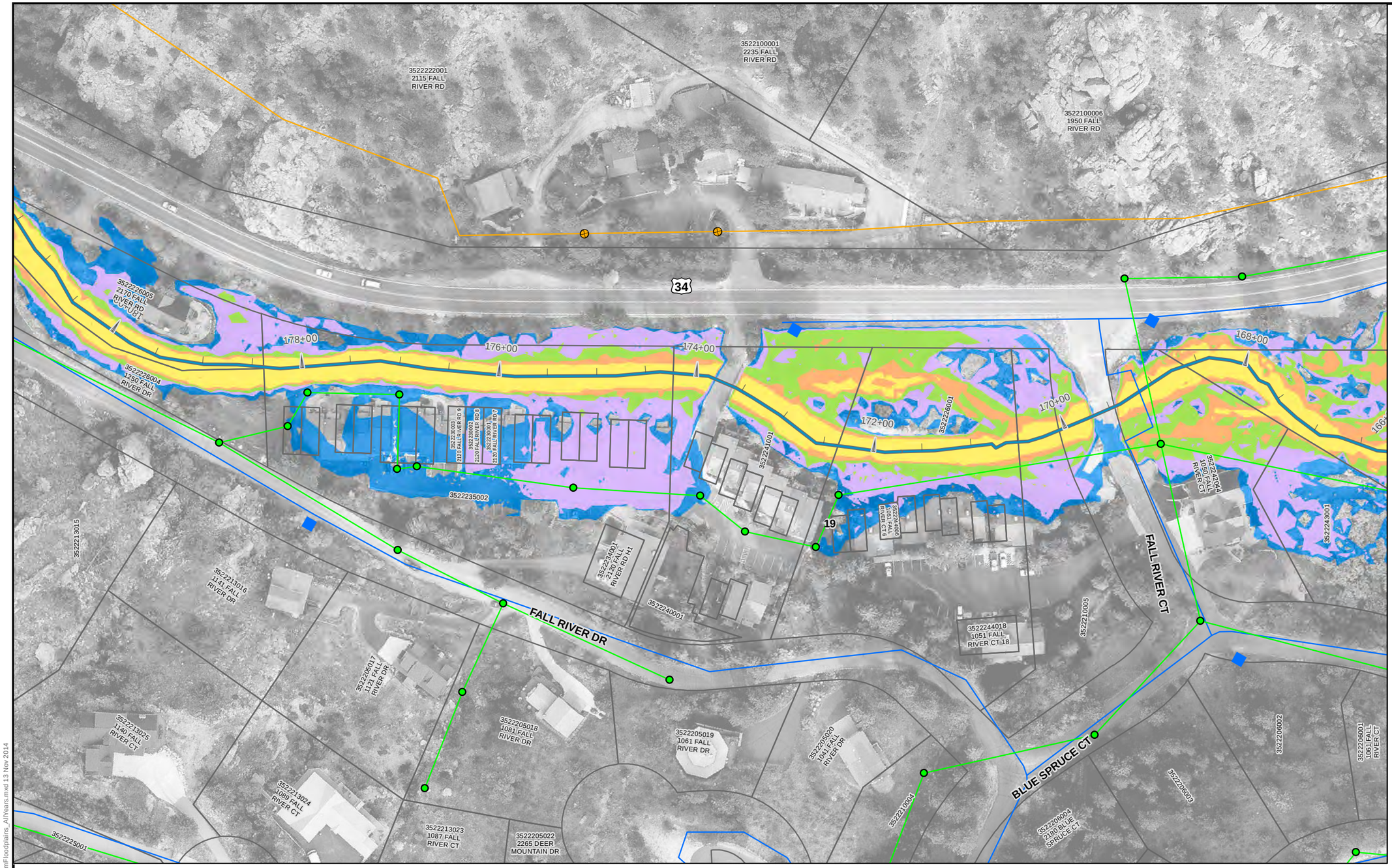

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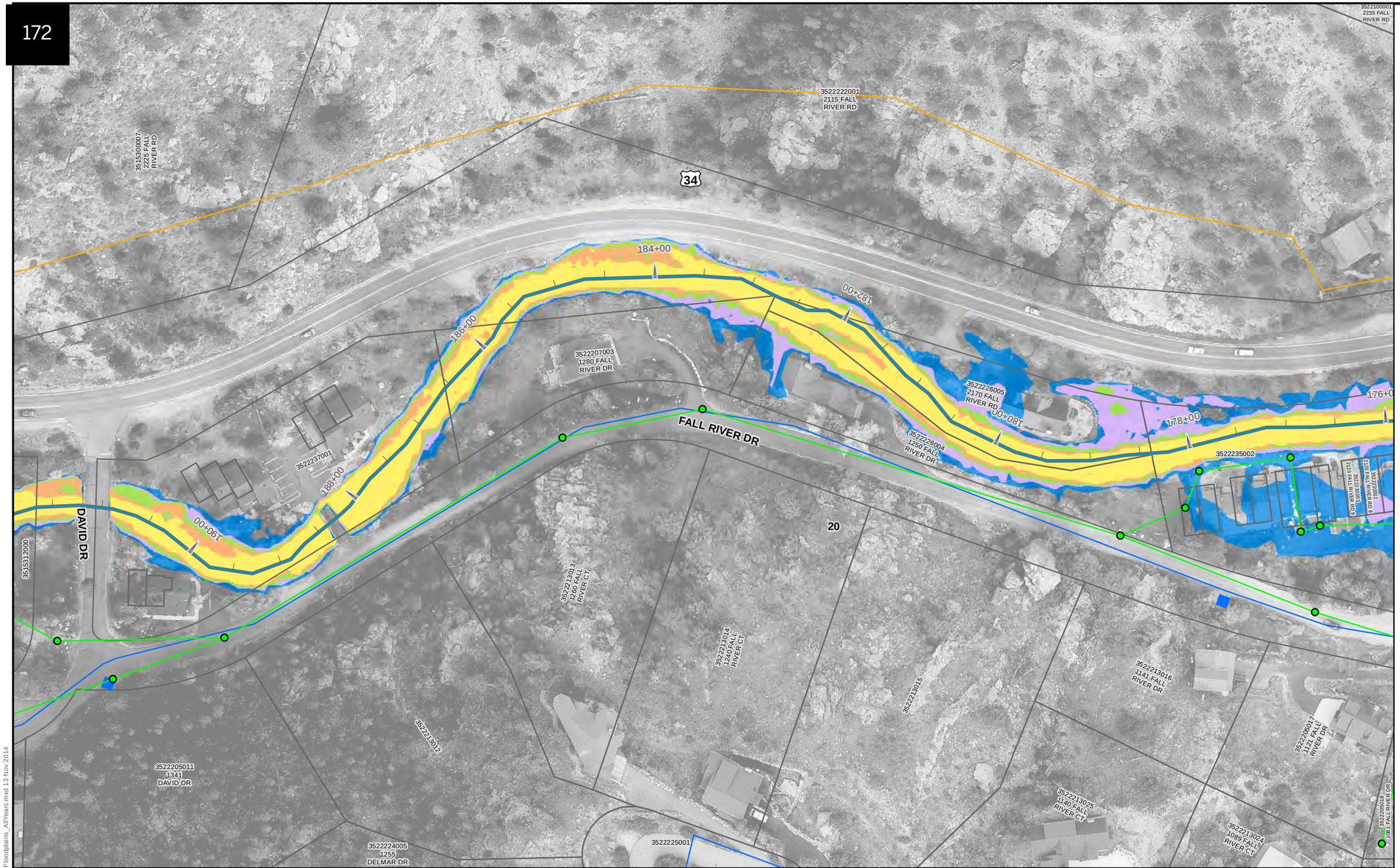

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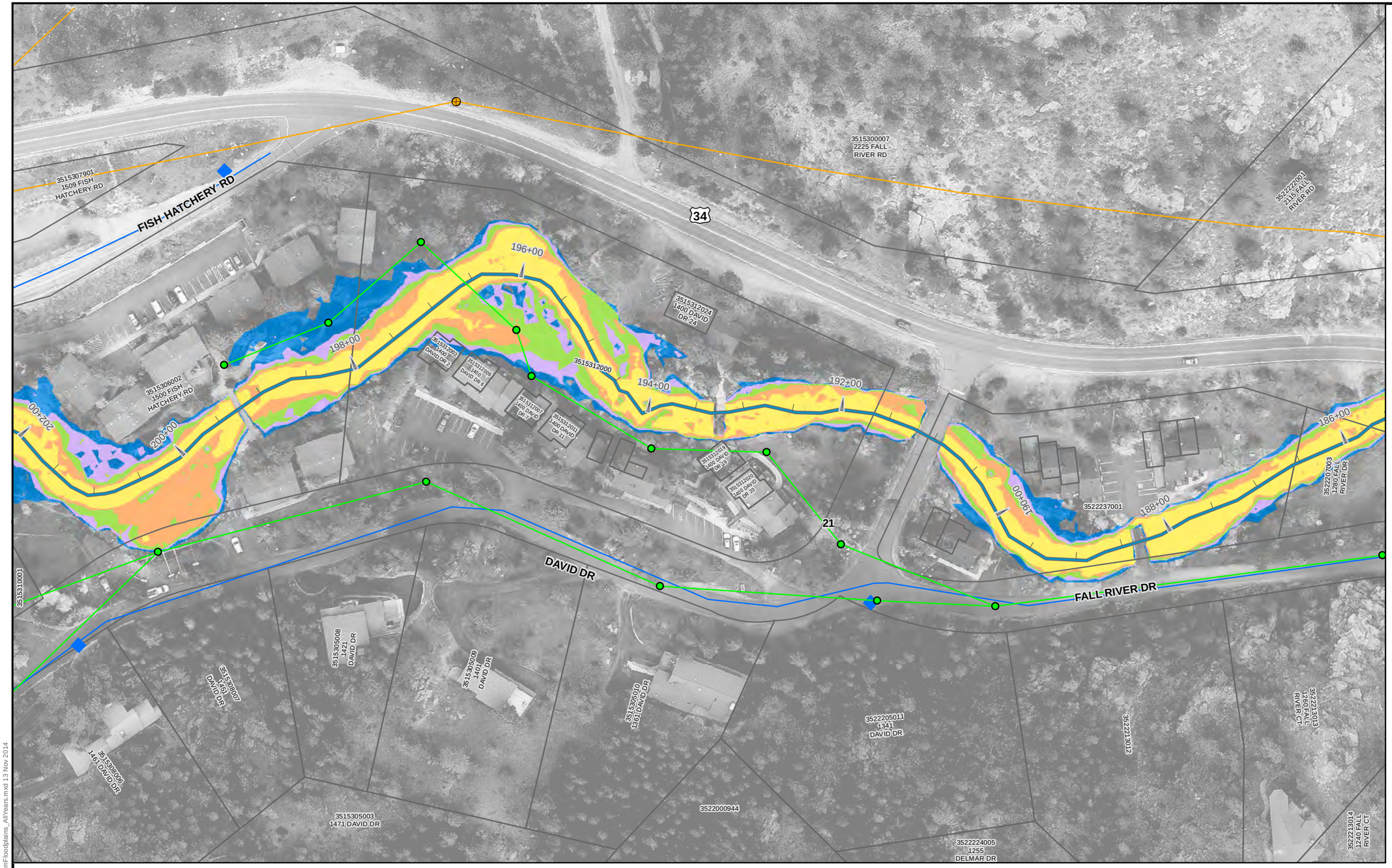

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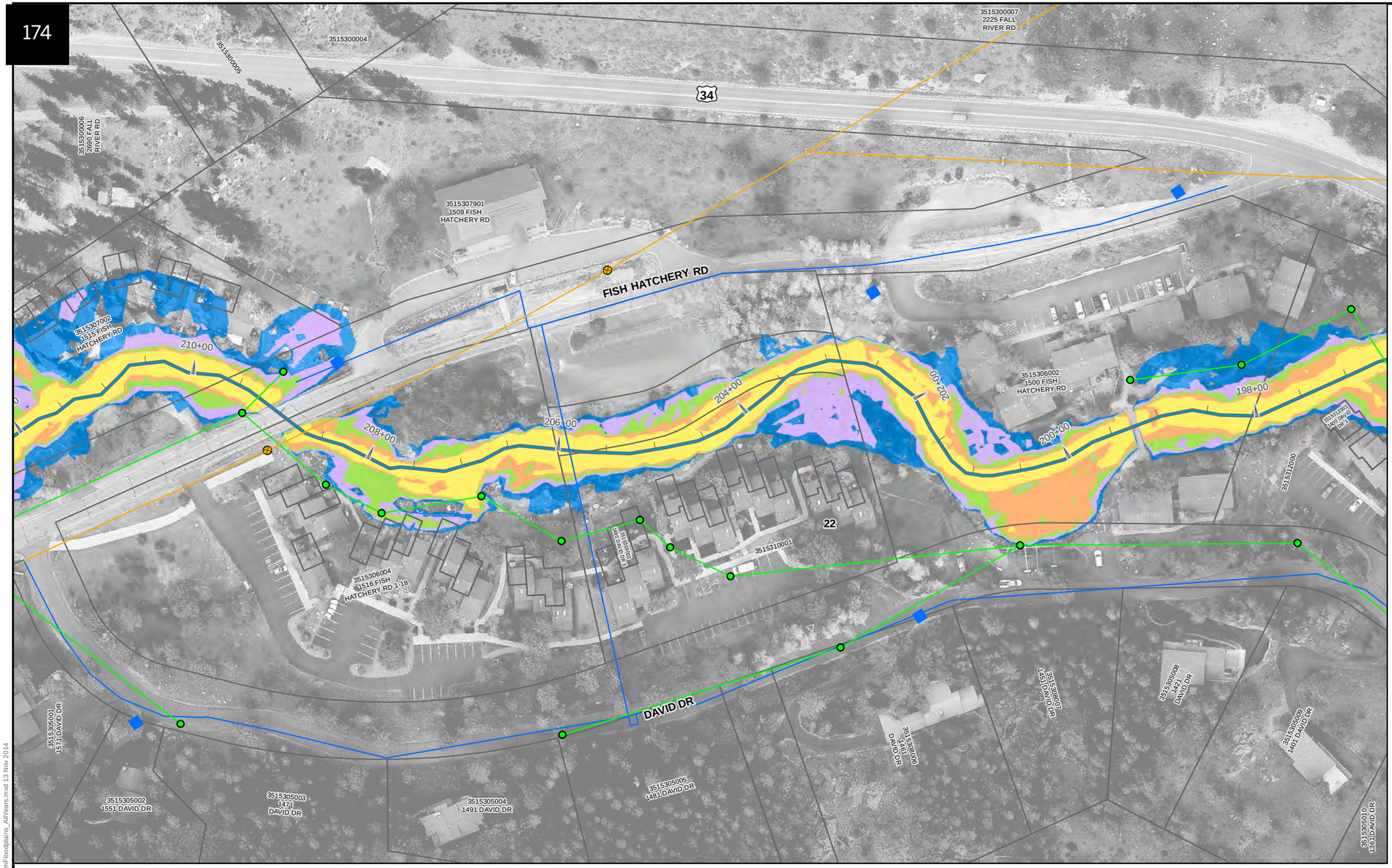

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Fall River Coalition

Fall River Corridor "Plan for Resiliency"
Preliminary Floodplain Boundaries
Map 22 of 31

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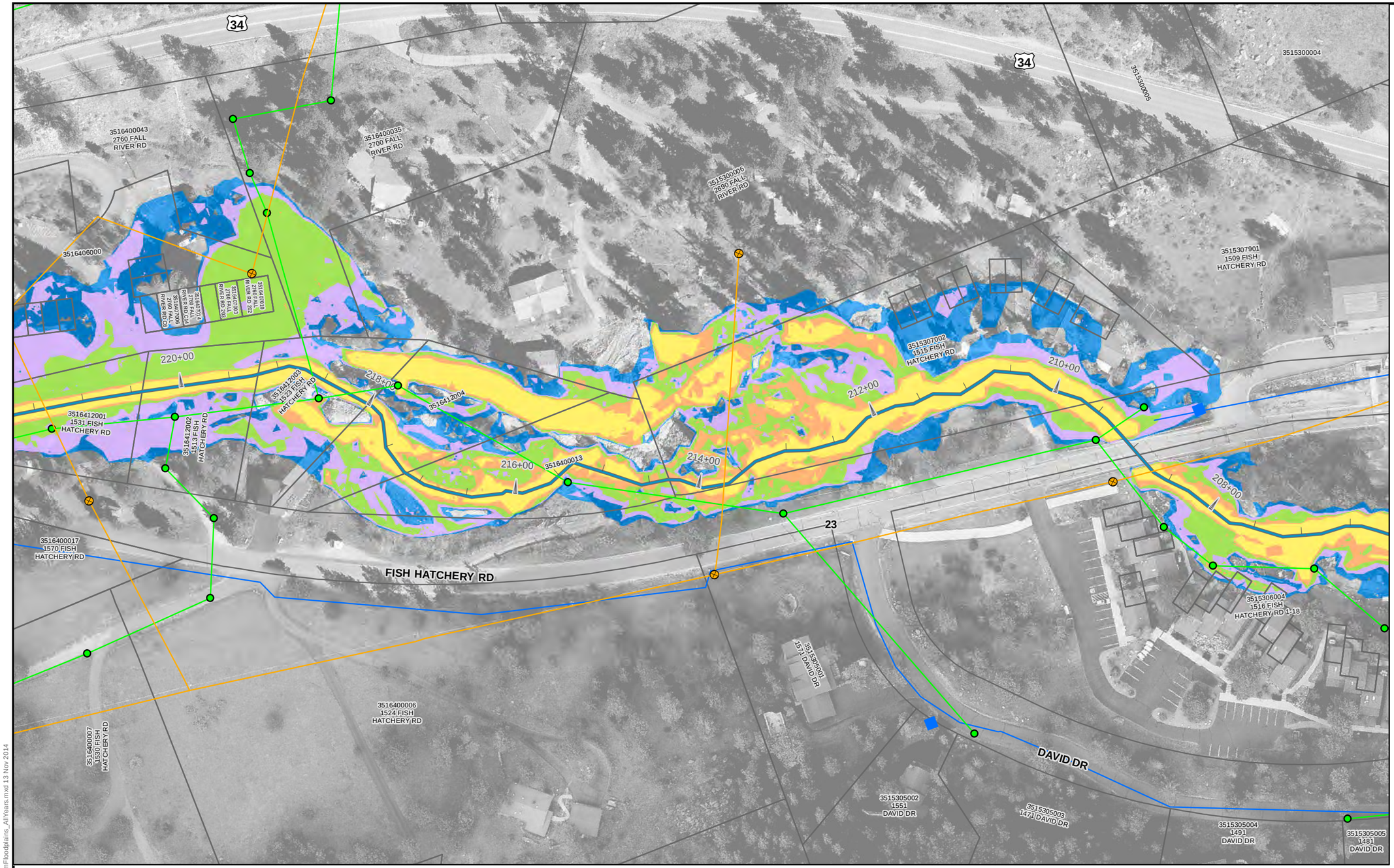

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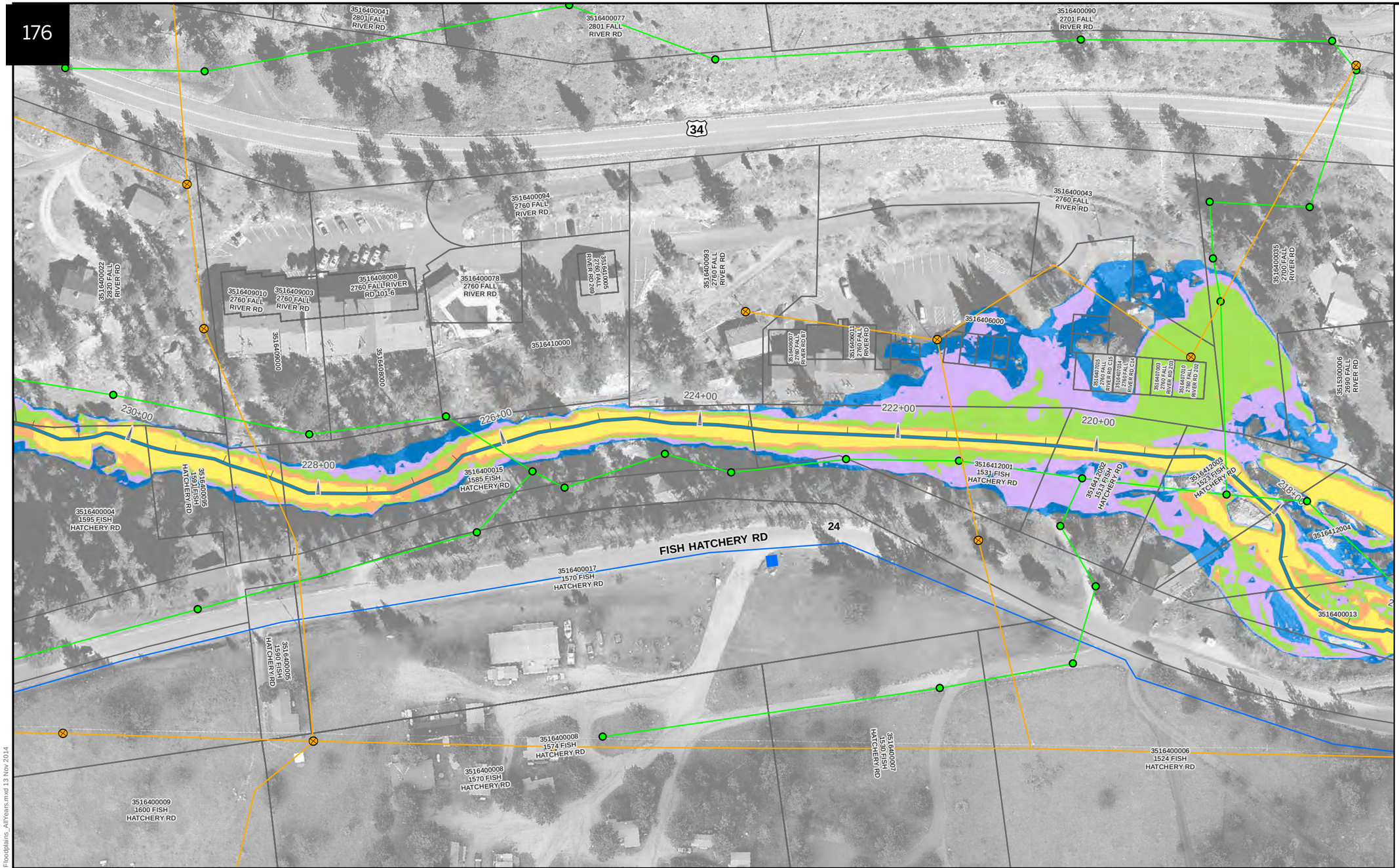

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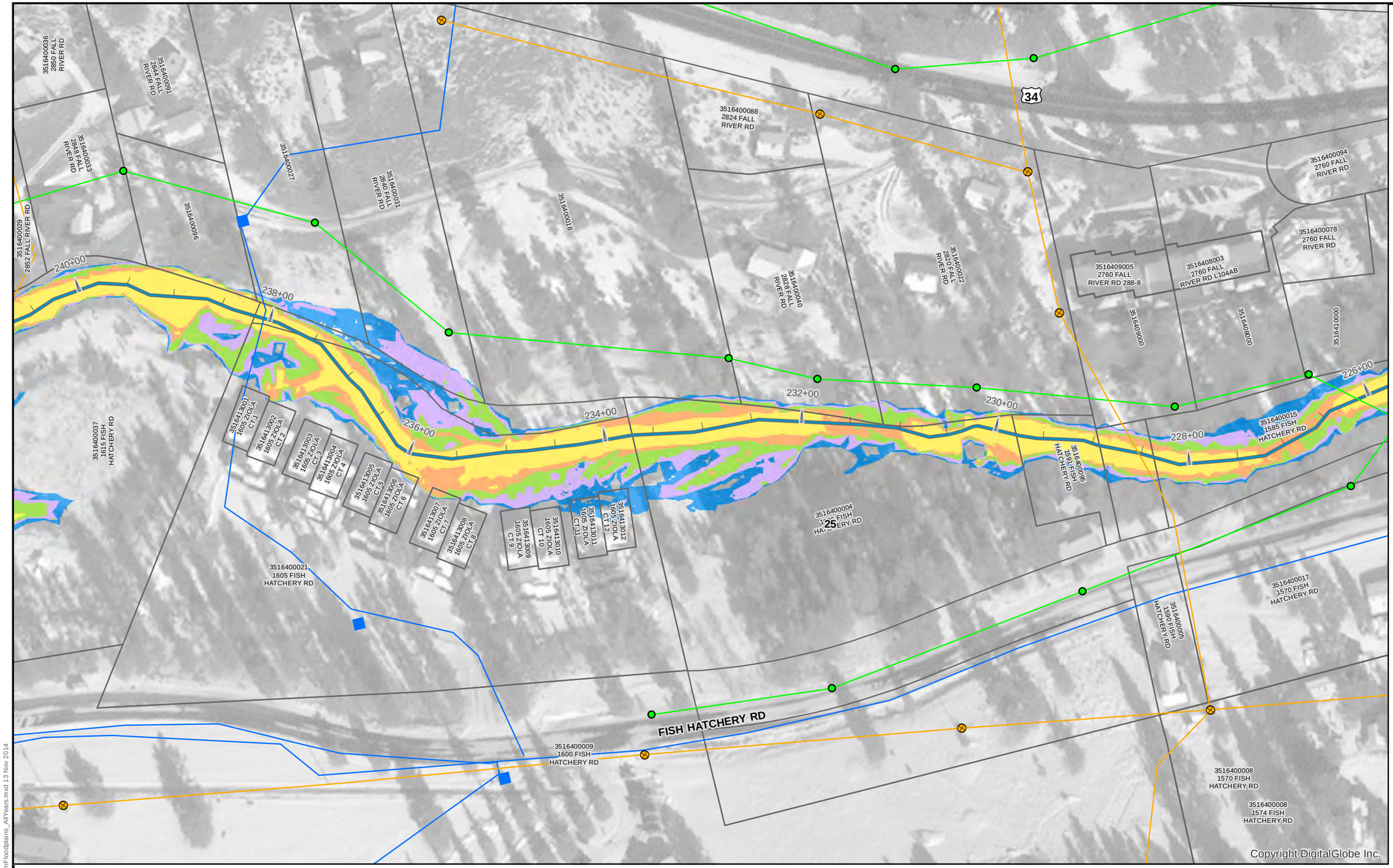

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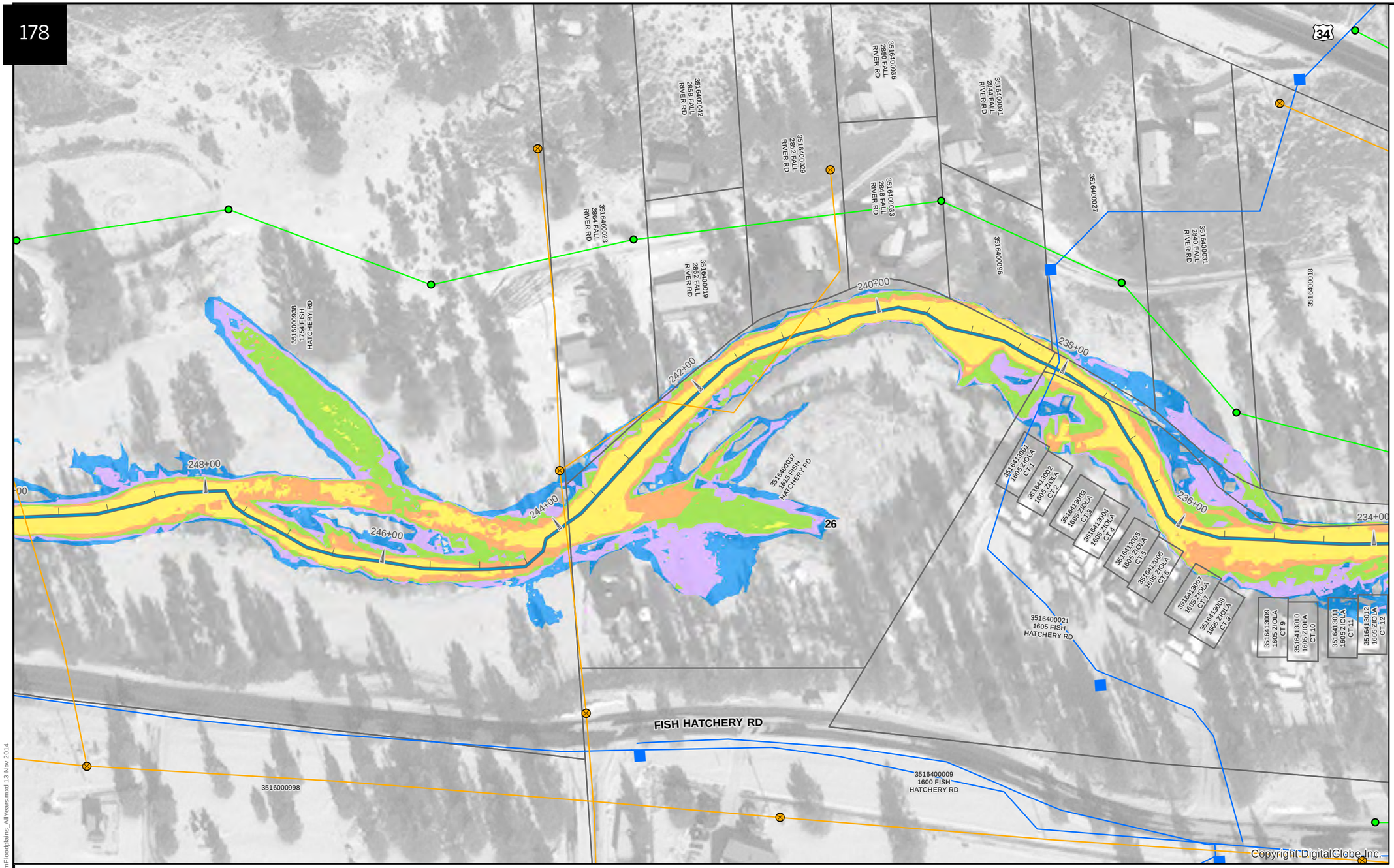

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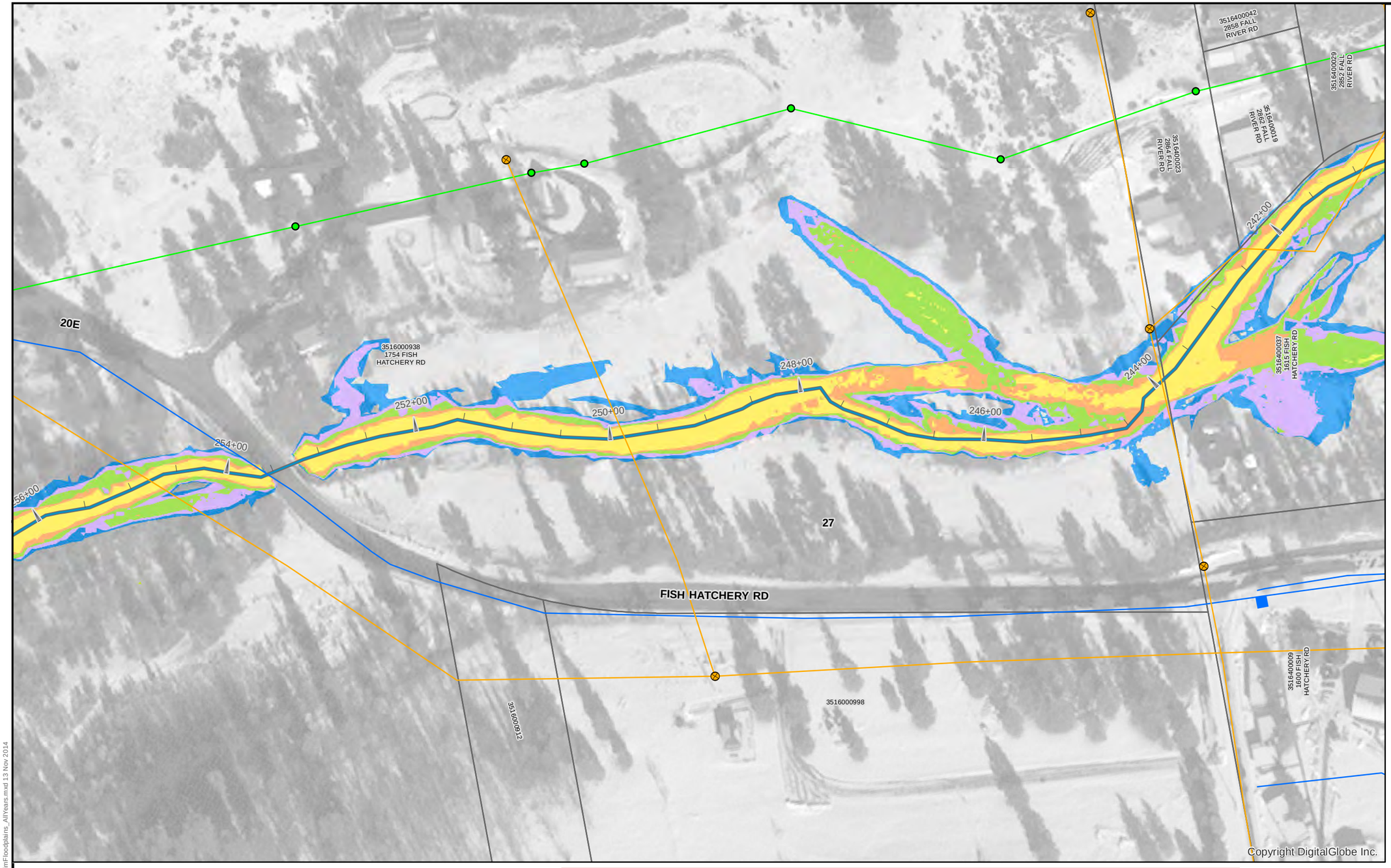

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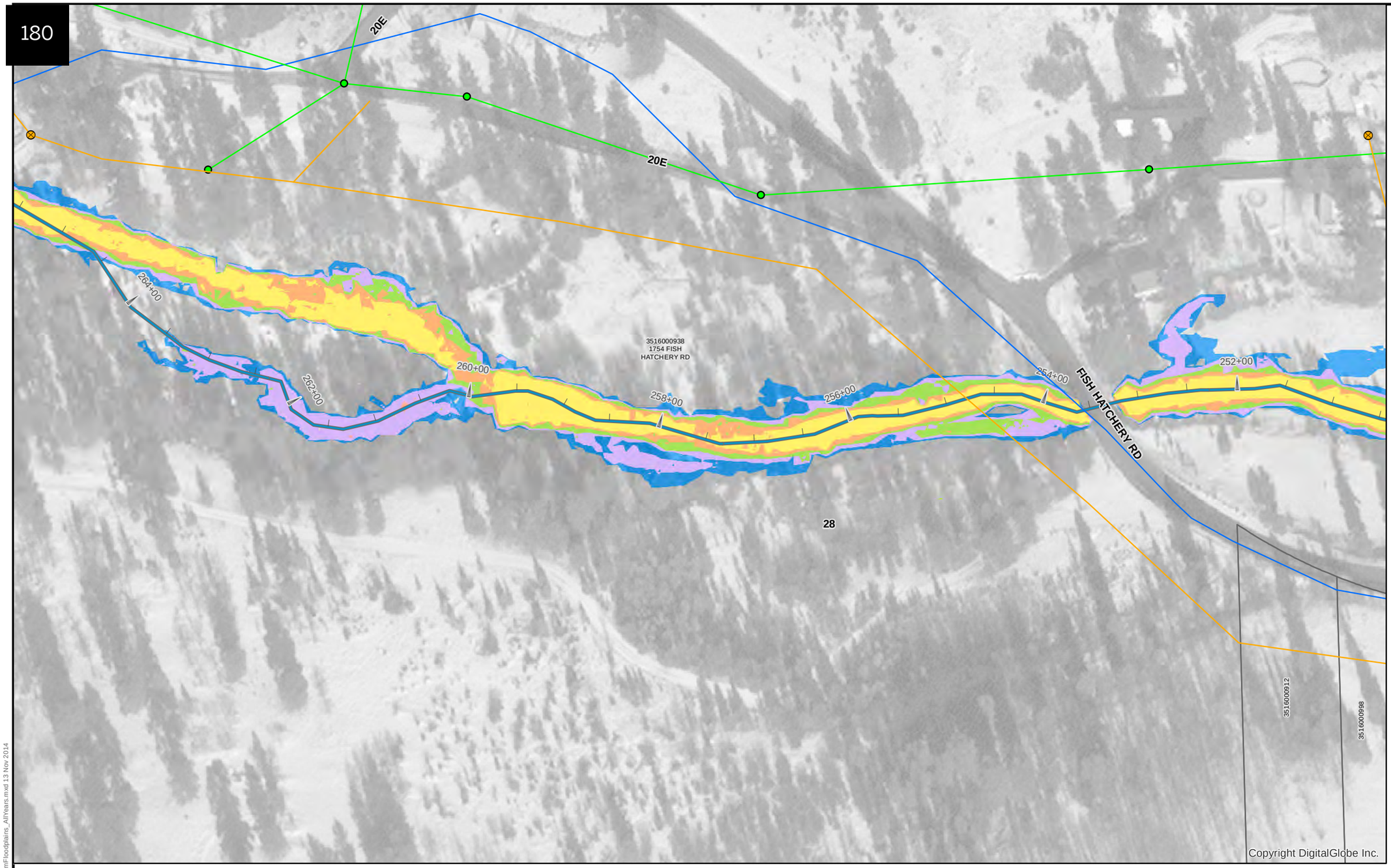

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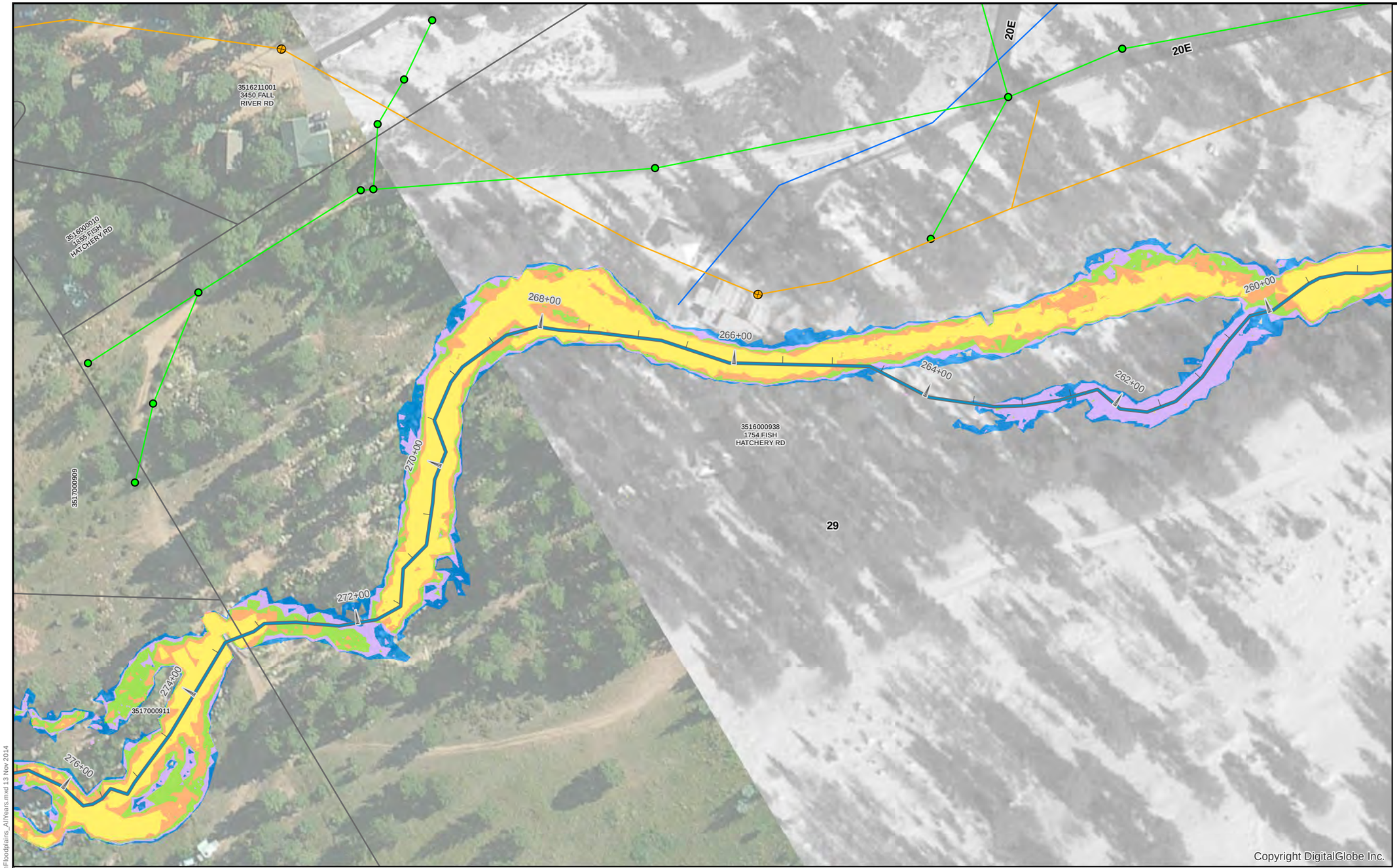

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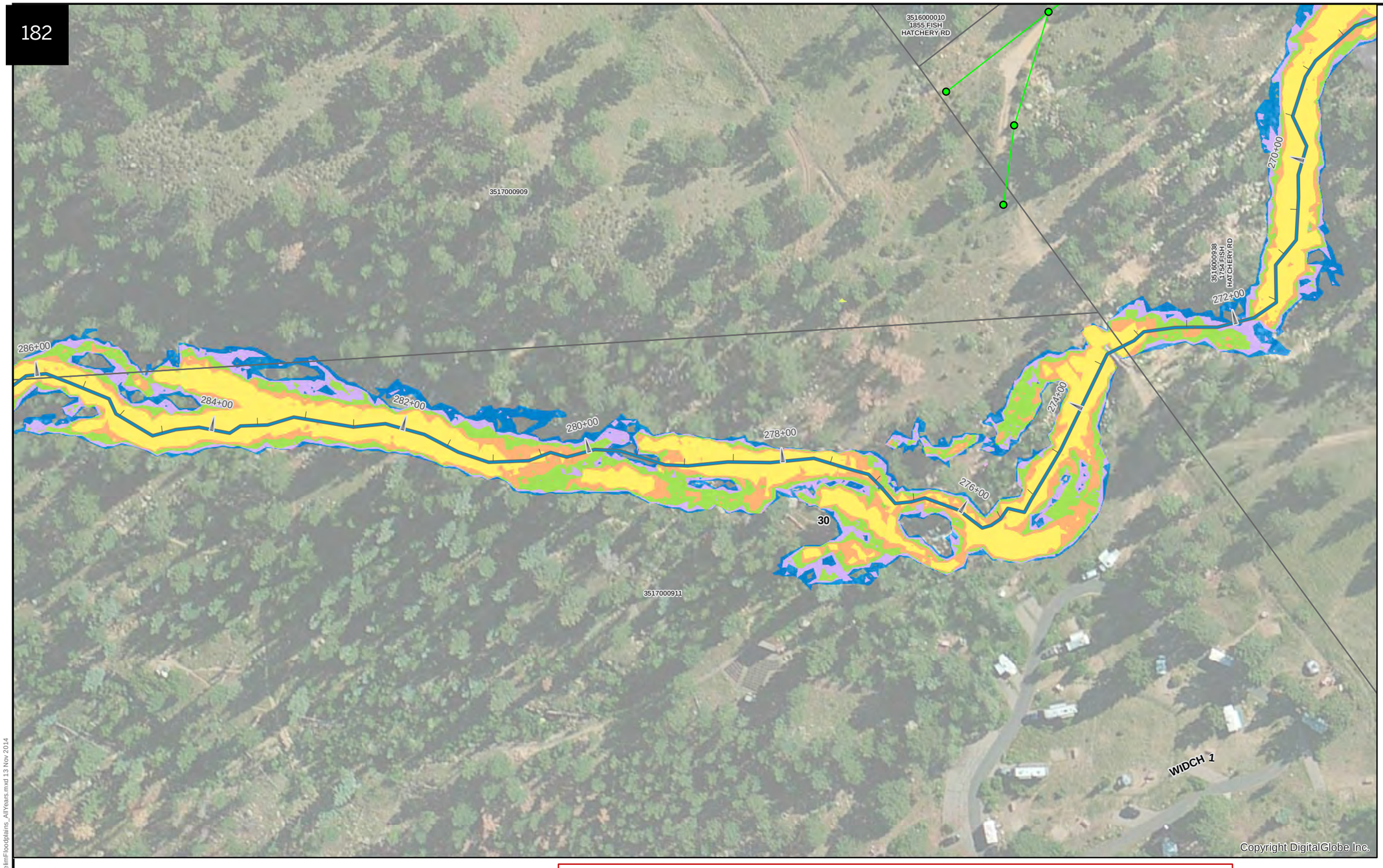

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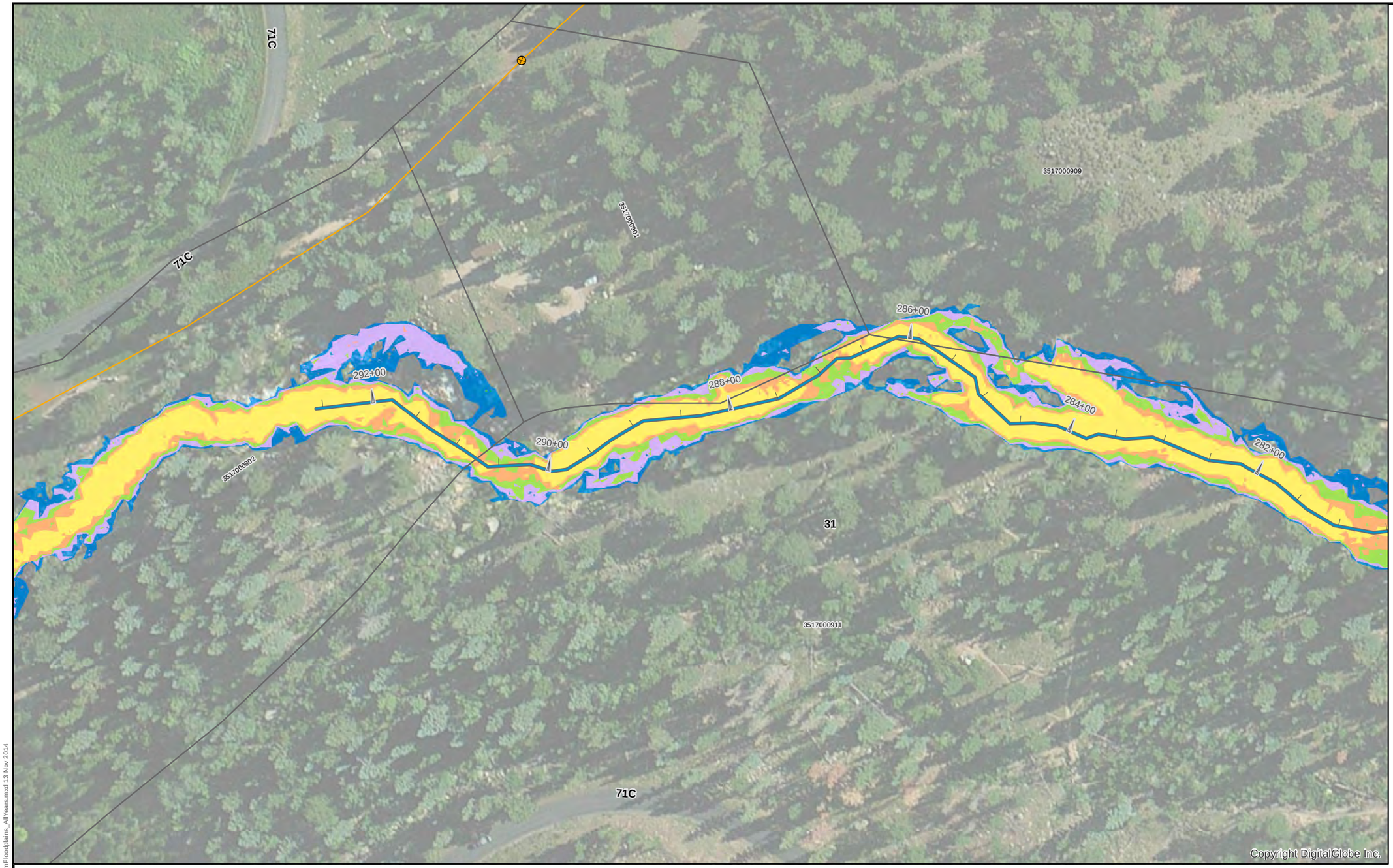

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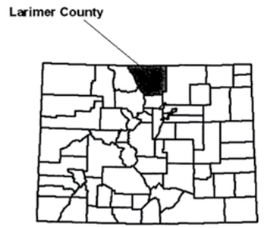
10.4 Hydraulic Modeling Results

LARIMER COUNTY, COLORADO
AND INCORPORATED AREAS
VOLUME 1 OF 4

Community Name	Community Number
LARIMER COUNTY	
(UNINCORPORATED AREAS)	080101
BERTHOUD, TOWN OF	080296
ESTES PARK, TOWN OF	080193
FORT COLLINS, CITY OF	080102
JOHNSTOWN, TOWN OF	080250
LOVELAND, CITY OF	080103
TIMNATH, TOWN OF	080005
WELLINGTON, TOWN OF	080104



REVISED: MAY 2, 2012

Federal Emergency Management Agency
FLOOD INSURANCE STUDY NUMBER
08069CV001C

Table 2 – Summary of Discharges (Continued)

Flooding Source and Location	Drainage Area (Square Miles)	Peak Discharges (cfs) 10-Percent Annual Chance	2-Percent Annual Chance	1-Percent Annual Chance	0.2-Percent Annual Chance
East Vine Diversion					
At Larimer and Weld Canal	58.6	30	163	330	- -[1]
Dry Gulch					
At Confluence with Big Thompson River	6.25	1,200	2,150	2,600	4,100
Fall River					
At Confluence with Big Thompson River	39.9	450	610	680	830
At Estes Park Corporate Limits	37.3	450	610	680	830
At Upstream Detailed Study Limit	37.3	450	610	680	830
Fish Creek					
At Lake Estes	16.0	105	280	400	840
At Estes Park Corporate Limits	13.4	105	208	400	840
At Upstream Detailed Study Limit	13.4	105	280	400	840
Fox Creek					
At Confluence with North Fork Big Thompson River	7.35	1,200	2,200	2,750	4,800
Long Gulch					
At Confluence with Big Thompson River	2.00	1,000	1,660	2,000	2,870
Miller Fork					
At Confluence with North Fork Big Thompson River	13.67	1,350	2,650	3,350	6,300
Noel's Draw					
At Confluence with Big Thompson River	3.41	1,050	1,800	2,200	3,400
North Fork Big Thompson River					
At Drake Road	83.00	1,500	4,100	6,100	14,100
At Glen Haven Below Devils Gulch	51.00	1,450	3,400	4,400	11,500

[1] Not Determined

Fall River Coalition

Draft Path to Resiliency
Open House

Name(s): Phil, Dorothy, Ryan Rohrbaugh Date: 11/10/2014

Property: Aspen Winds

Comments:

Email dated 11/6/2014:

Comments regarding access on Fall River Court:

1. The neighborhood is too populated NOT to have a street such as Fall River Court.
2. Fire and ambulance services need an access that has enough space for them to manipulate.
3. We also have delivery trucks, huge machinery etc. that travel on this street.
4. There is definitely not enough space in either River Stone/Bear Paw or Aspen Winds parking lots to handle all of the outside traffic. Plus, it would put the investment value of our properties at risk.
5. Also, we need to consider the safety of our guests.

Fall River Coalition

Draft Path to Resiliency
Open House

Name(s): KEN LARSON Date: 11-10/14

Property: Riverstone & Bear Paw

Comments: – We Are Against - the New Drive And Bridge Upgrade

Fall River Coalition

Draft Path to Resiliency
Open House

Name(s): Diane Youngland Date: 11-10-14

Property: Four Valley

Comments:

Spruce House d/s bldg "L" threatened by next spring runoff due to the EWP work

222+00 current R-L scour (happened in spring) in front of Chalet

☐ site visit re: options before spring

Fall River Coalition

Draft Path to Resiliency
Open House

Name(s): Tina Date: 11/10/2014

Property: Workshire

Comments:

Email comments dated 11/3/2014:

Draft concept plans have Fall River alignment in different location than where NRCS h adjusted the river. Is the plan to move the river again?

Fall River Coalition

Draft Path to Resiliency

Open House

Name(s): Dennis Neff Date: 11/10/2014

Property: Summerset Association

Comments:

Email dated 11/6/2014:

- Objection to creating driveway access from the private Summerset Lane to Woodlands commercial facility. They will legally block this. There are also 15 ft elevations changes that would make this difficult.
- Objection to location of Fall River Trail where is overlaps the northern Summerset Court because it will block vehicle access to homes. Prefers the location along Hwy-34.
- Request that these features be removed from the Concept Plans.

Fall River Coalition

Draft Path to Resiliency

Open House

Name(s): Jerry Lauer Date: 11/10/2014

Property: Rivers Edge Condos

Comments:

Email comments dated 11/3/2014:

Draft concept plans have Fall River alignment in different location than where NRCS has adjusted the river (up to 50ft difference). Map has no value.

Email comments dated 11/5/2014:

Landscaping has been competed to restore plantings and bank to pre-flood conditions. The river location was not changed per NRCS recommendations. It's the owner's understanding that flood damage was caused by scoured tress in the flood re-directing flow. They removed the tress and now feel protected from future flood damage. Any further work at the Rivers Edge Condos would not be funded by the owners.

Fall River Coalition

Draft Path to Resiliency

Open House

Name(s): Dennis Neff 724 Summerset Date: 11-10-14

Property: Summerset - d/s of Homestead Lane

Comments:

NRCS work min $100K owners on ~1/8 pmt

Summerset has 3 officers make decisions. Dennis is designated rep. for Summerset

☐ Officers awaiting MP response from tonight's mtg

Dennis provided 2 reports to Ken Larson - Ken fwd'd to MP Team

#1 scientific side → ∴ would like to have concept maps show post-remed. conditions → we are showing PC - not EC

☐ Dennis wants a note on EC at minimum to avoid backtracking if project moved fwd - acknowledge work thats been done annotate Maps 15 & 16 - also means prelim 100-yr bdry not accurate

#2 political side →

Map 15 road vacated b/n 670 & 680 & 690 - used to be main road into RMNP

☐ Dennis wants to see Alt 1 trail align off hwy removed as alt. - ask coalition to make the call

option for alt to be low bench / frequently inundated

Map 16 concerning city road (Homestead) to residential to a business

☐ Add alt. to repl/retrofit woodlands on Fall River Map 16 trail on Map 16 will require blasting

Fall River Coalition

Draft Path to Resiliency
Open House

Name(s): Ken and Kathy Larson Date: 11/10/2014

Property: River Stone

Comments:

Email dated 10/31/2014 with response from Walsh:

- Objections to driveway access connecting Bear Paw to Aspen Winds siting damage to property and major utility relocations. Owners will not permit driveway access. (Solution: Current owners won't permit driveway, so master plan will include an alternative to upgrade the Full River Court Bridge instead of changing the driveway access.)
- Unclear what "Bridge Upgrade with Floodplain Conveyance" means.

Fall River Coalition

Draft Path to Resiliency
Open House

Name(s): Donna Patterson Date: 11/10/2014

Property: United Methodist Church

Comments:

- Culvert above church on northwest side caused some flooding on Antler's Point property
  - ↳ curbing through parking lots could alleviate some of this
- Church doesn't own the lower parking lot but they are amenable to developing this as a sediment detention pond

Fall River Coalition

Draft Path to Resiliency
Open House

Name(s): Ruth Triffin Date: 11-10-14

Property: 1461 David Drive

Comments:

I think the river repairs made by the Condos looks great.
Easement looks great,
There appears to be some erosion on the work the Condos has completed.
Hopefully you will be able to keep everything close to the same way it looks now.

Fall River Coalition

Draft Path to Resiliency
Open House

Name(s): Steve & Laurel Preston Date: 11.10.2014

Property: 1950 Fall River Road (at Placid Lake)

Comments:

1. Terminology
We feel that the term "hazard zone" is too inflammatory and not accurate as a description of the relevant areas. We agree with the goal of informing property owners of potential developments. We feel that a more concise description of the zone, in more neutral terms, would be more appropriate. We will try to think of suggestions! see over

2. Trail: We welcome and support the extension of the Fall River Trail along Fall River Rd.
We will not grant permission for the trail to cross our property.

We request that you immediately remove the alternative trail proposal crossing our property that is shown on the Master Plan Draft as of this evening. We are concerned that having this proposal in the public domain will create expectations and encourage trespassing, which is already a challenge.

Outreach: As out-of-state owners, we would have appreciated written notice to our address of record so that we could have known more earlier in the process.
We appreciate all the work that is being done to address these important issues and to improve public safety.

Fall River Coalition

Draft Path to Resiliency
Open House

Name(s): Steve Preston & Laurel Date: 11-10-14

Property: Placid Lake

Comments:

Map 17 missing Trail Alt along hwy

☐ De-emphasize PC trail (shouldn't be main thing to pop)

☐ Re-look at trail alignment on Map 17 owners request removal

☐ want data/protocols behind pCMZ
Concern that MVB designation
also FIS (current regulatory)
rec'd Q100 from CDOT report
& detailed

☐ Also consider concepts only showing PC trail where it is in competition w/ river and road — where we need to convey resilient concepts

* focused on
* Very concerned w/ perception, created by wording "highest hazard" — destroys people's property values

Fall River Coalition

Draft Path to Resiliency
Open House

Name(s): Jesse + Ron Hartzog Date: 11/10/2014

Property: Woodlands on Fall River

Comments:

- Concern about suggestion to add a new driveway access
  ↳ much prefer improving bridge w/ direct access
- Other concern about visibility from the road
- Would like a temporary access location, but don't want to remove primary access bridge
- Concern that the document is legally binding
- Preference for trail alignment on the highway
- Concern that regraded area will store water, but water won't have anywhere to go → addition of culverts under the bridge will make improvements to this
- Please remove the text "Remove Existing Bridge"
  ↳ At minimum hilight alternative to expand bridge rather than make a new driveway access

Fall River Coalition

Draft Path to Resiliency
Open House

Name(s): Dawna Edwards Date: 11/10/2014

Property: 700 Summerset Ln #4

Comments:

dawnae53@yahoo.com

- New driveway access is acceptable

- Concern about visibility from highway → esp in relation to possible floodplain regrading on river left. → don't want regrading if it increases visibility
- Want advice on when to re-construct a fence and replant in case whatever master plan activities remove the new work.

Fall River Coalition

Draft Path to Resiliency
Open House

Name(s): Banken - Rizzuti Date: 11/10/2014

Property: _____

Comments:

Map 23 puts T/S break on E side of Banken
Map 24 puts T/S break on W side
Make consistent (so Banken is in a project reach)

Fall River Master Plan - Workshire Lodge Reach

Proposal

Please reference the attached revision of the Fall River Conceptual Design Master Plan proposal, submitted by Walsh Environmental et al, specifically addressing the sections on maps 23 and 24.

First and foremost, keep the river in the ***current channel*** from the area of Fawn Valley to Antlers Pointe with some minor modifications, starting upstream on map 23:

- Widen the channel on the south bank from the upper Fawn Valley Reach to the Lower Fawn Valley reach, including the dissipation structures.
- Deepen and widen the area at the junction of the Work/Banken/Oliver properties, aka the "Big Rock" area, to increase the fish habitat and creating a small pond area.
- Curve the channel slightly northward just past Fawn Valley on the east, facilitating the drainage of the wetlands area to the northeast of the condominiums into the main river channel.
- Utilize dissipation grading from this pond to the southeast, and add step-down access to the river for wildlife.
- Curve the channel slightly southeastward, then back to the north, following the current channel, allowing some overflow channels to the southeast. This is will allow for the recreation of a wetlands area on the Oliver/Workshire property lines.
- AVOID the UTSD lines on the north side of the river channel, where the "Address Hill side Slope Drainage Issue" is indicated. This is the access road for UTSD, and was not an issue during either the 1982 or 2013 flooding events. There is hillside drainage that is a concern from the Highway 34 and MacGregor Mountain culvert. This is not included in the Master Plan.
- AVOID the UTSD lines on the south side of the river, where the "Low Flow Channel" directly crosses the lines.
- Widen and deepen the north curve of the river on the eastern side of the Workshire property, restore the natural pond that was removed by the Army Corps of Engineers in 1983.
- Add dissipation grading below the pond through Antlers Pointe and incorporate the overflow channels from the recreated wetland area on the Oliver property.
- The pedestrian walkway should be moved out of the wetlands area on the Oliver property, and installed next to Fish Hatchery Road, as is indicated on other maps.

If the current proposal by Walsh is not modified, it will negatively impact the future of Workshire Lodge as a riverside, fishing accommodation business.