

# **APPENDIX A**

## **Large Scale Figures**





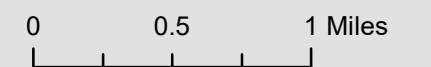
Figure 2-1: Land Use Map

**Legend**

**Land Use**

- Agricultural Open Space
- Community Commercial
- Future Park
- High Density Residential
- Light Industrial
- Low Density Residential
- Medium Density Residential
- Mixed Use
- Neighborhood Commercial
- Parks and Open Land
- Professional Office
- Public Facilities
- Regional Commercial
- Research Park
- Transit Oriented Development
- Very High Density Residential
- Very Low Density Residential

**System Service Area**



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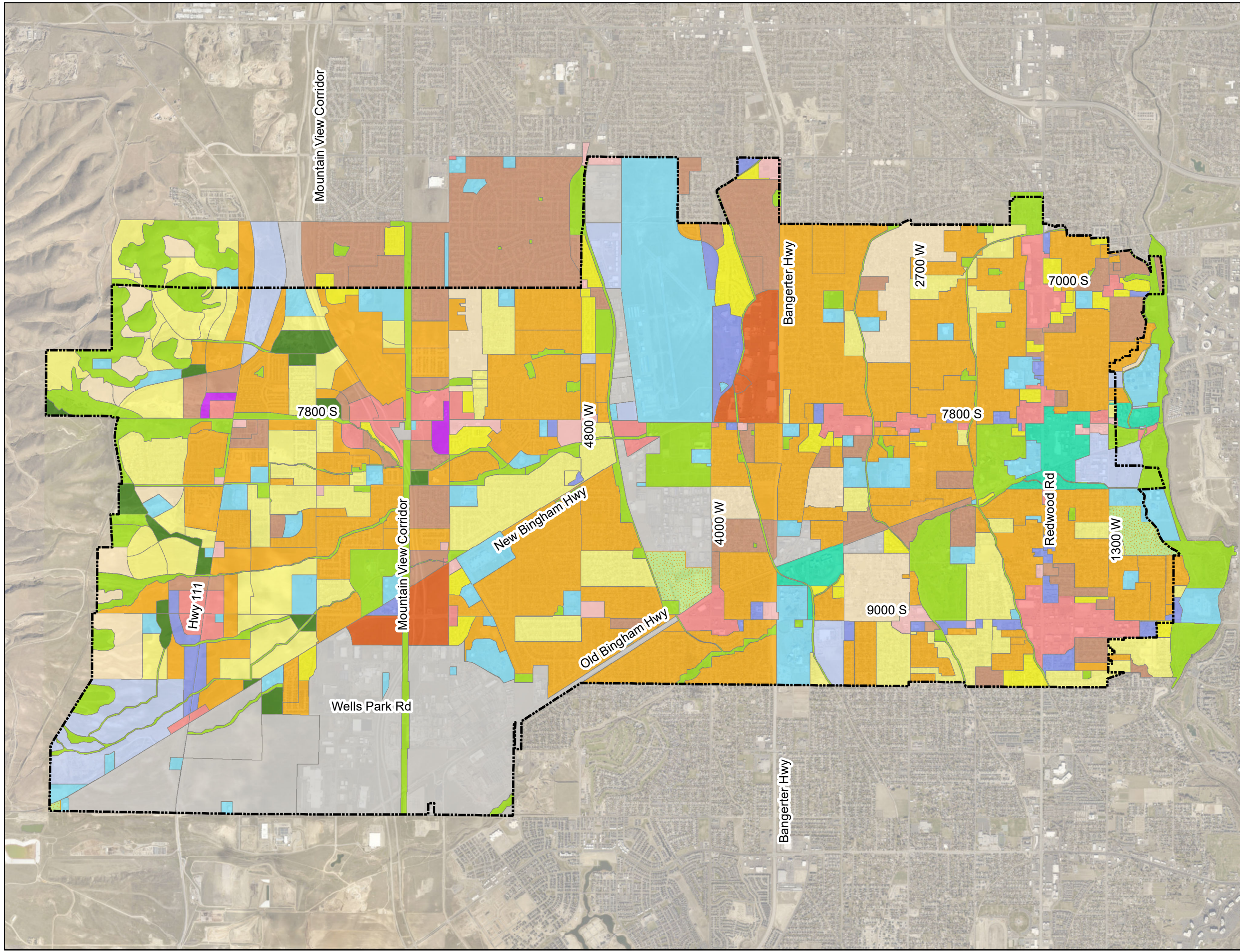






Figure 3-1: Service Area Map

**Legend**

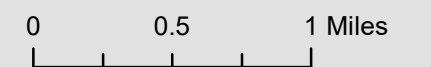
**Service Area**

- 7000 South Service Region
- 7800 South Service Region
- 7800 South Service Region 36" Trunkline
- 8050 South Service Region
- 9000 South Service Region
- Gardner Village Service Region
- Keams Improvement District Service Area
- South Valley Sewer Distric Service Area
- Taylorsville-Bennion Service Region

**Meters**

- Meter 1
- Meter 2
- Meter 3
- Meter 4
- Fox Meter
- Future 2

**System Service Area**



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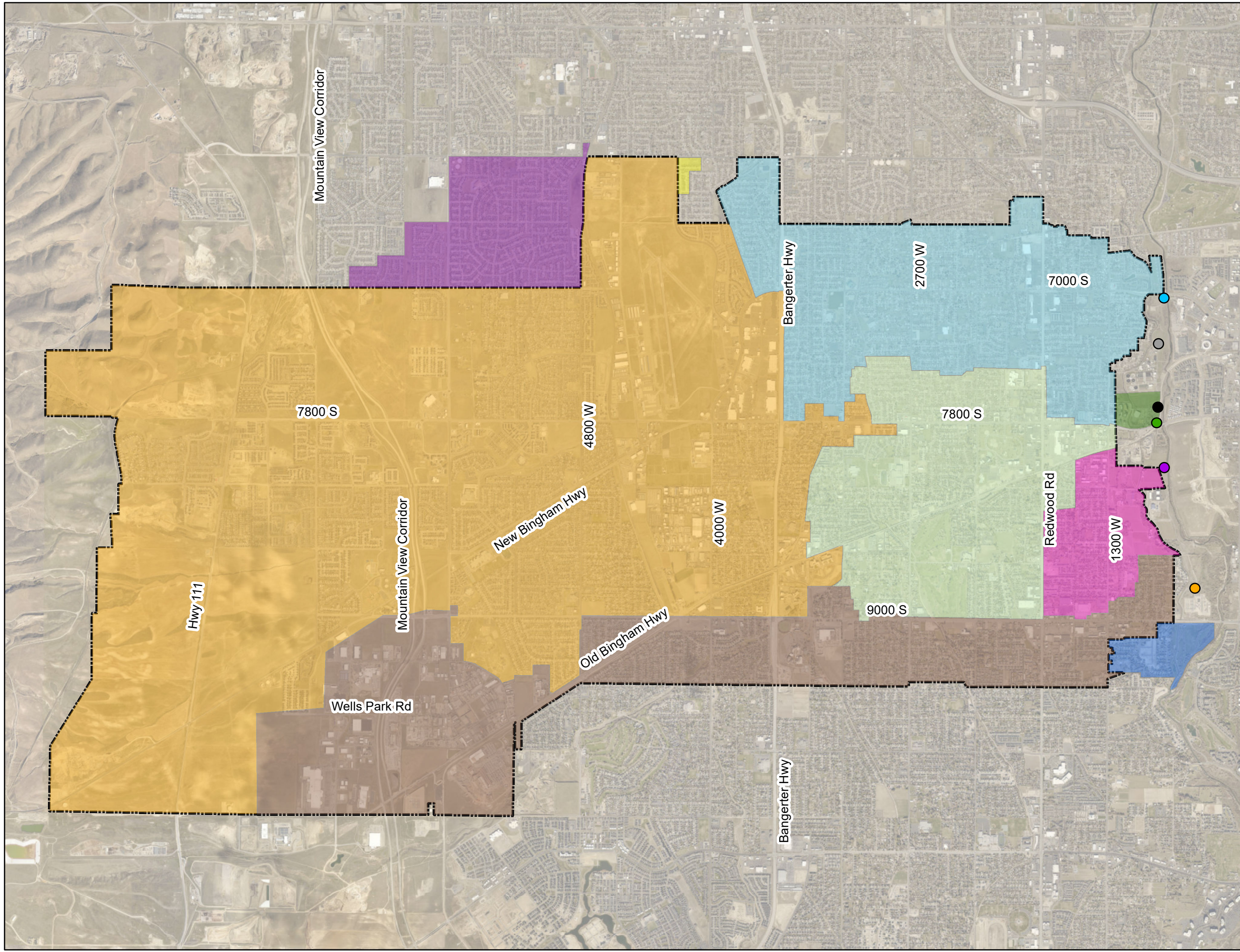






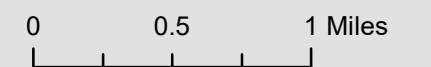
Figure 3-2: Existing Collection System Map

**Legend**

**Pipe Diameter (inches)**

- 6
- 8
- 10
- 12
- 15
- 18
- 21
- 24
- 27
- 30
- 36
- 39

**System Service Area**



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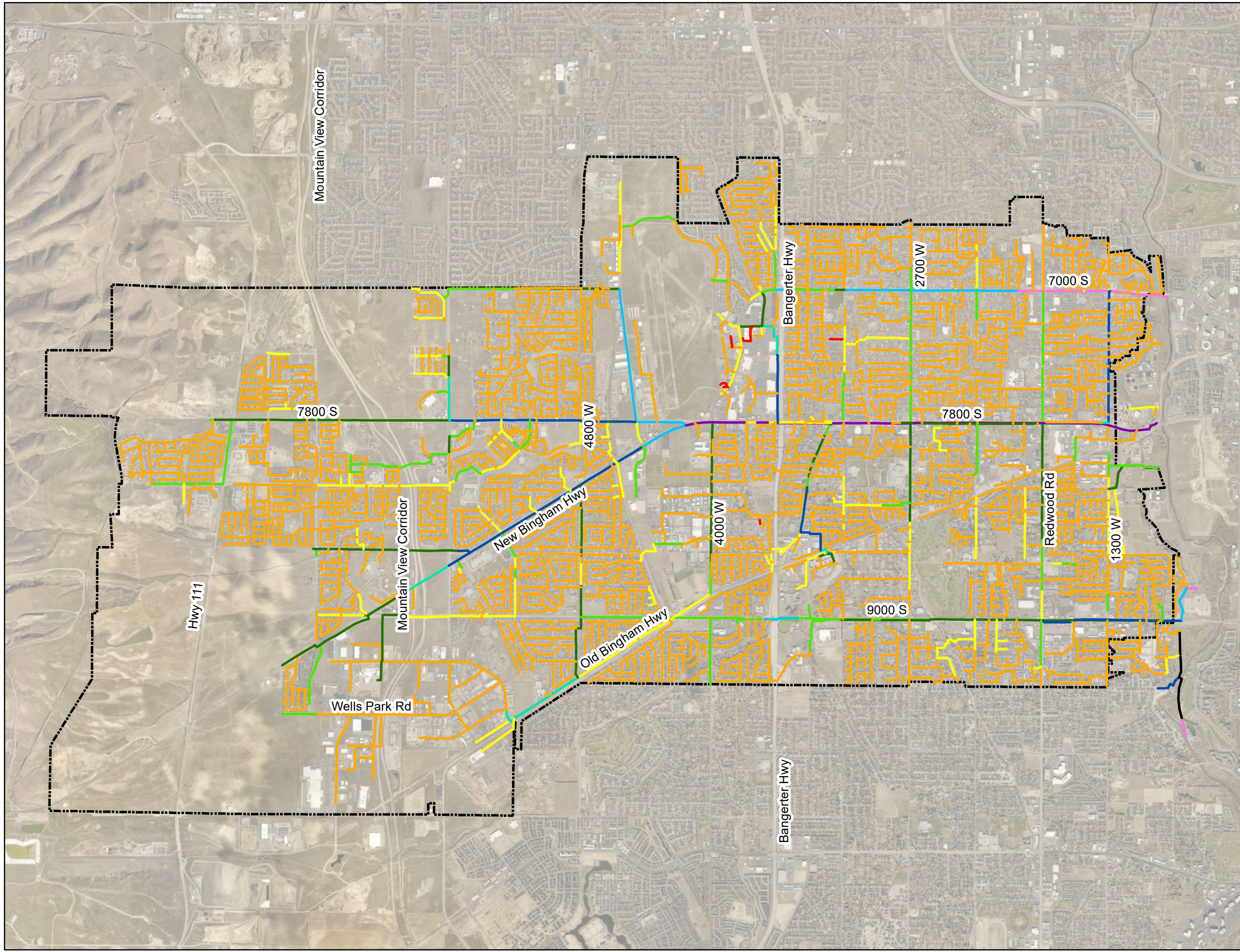




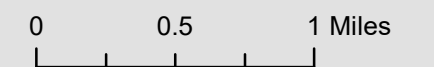
Figure 3-3: Existing Collection System - Pipe Material

**Legend**

**Pipe Type**

- Unknown
- Cured in Place Pipe (CIPP)
- Clay
- Concrete
- HDPE
- PVC
- Slip Lined
- Private

**System Service Area**



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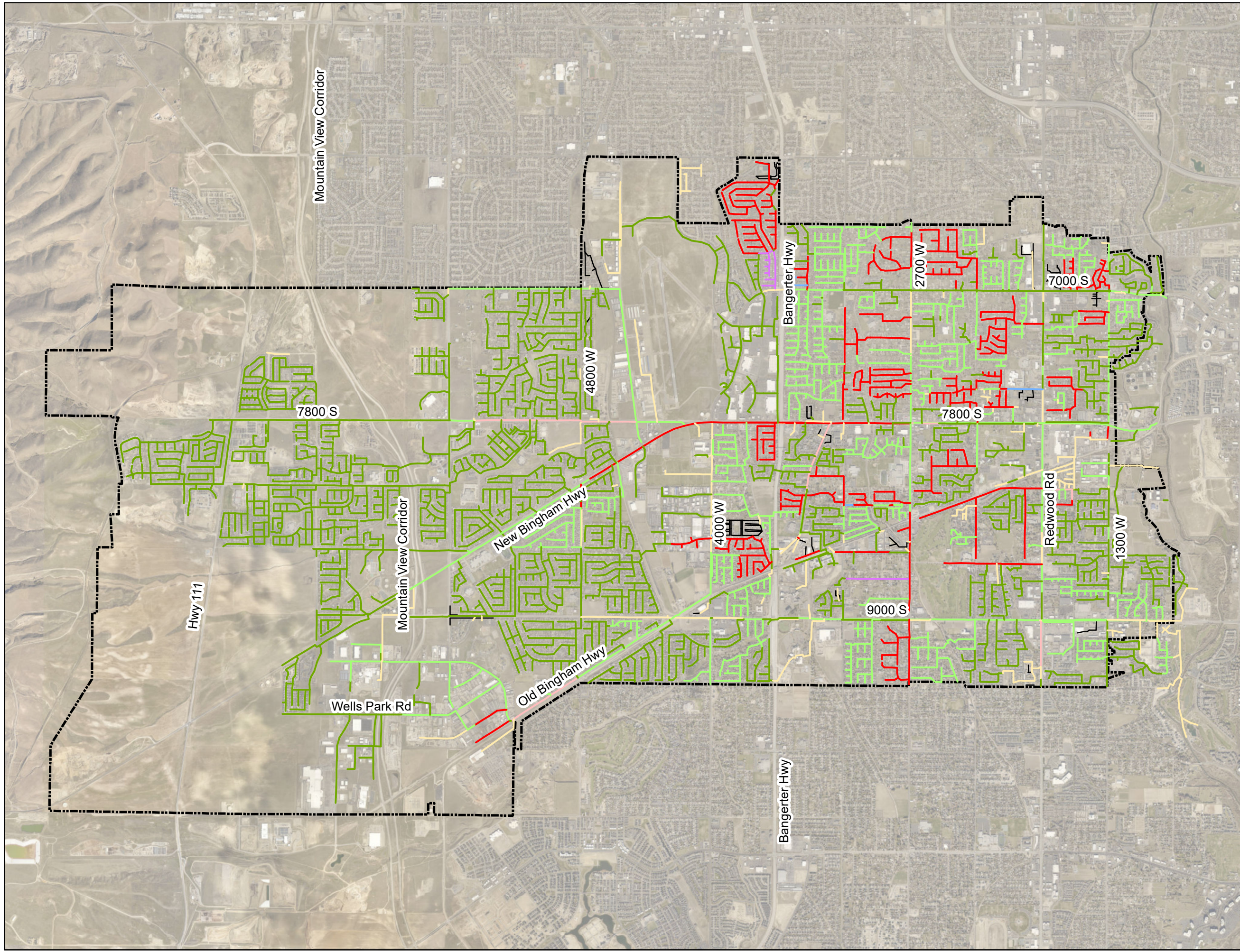




Figure 3-4: Existing Collection System - Year Installed

**Legend**

- Year Installed**
- Unknown
  - Prior to 1970
  - 1970-1989
  - 1990-1999
  - 2000-2009
  - 2010-Current
  - Private

**System Service Area**



0 0.5 1 Miles



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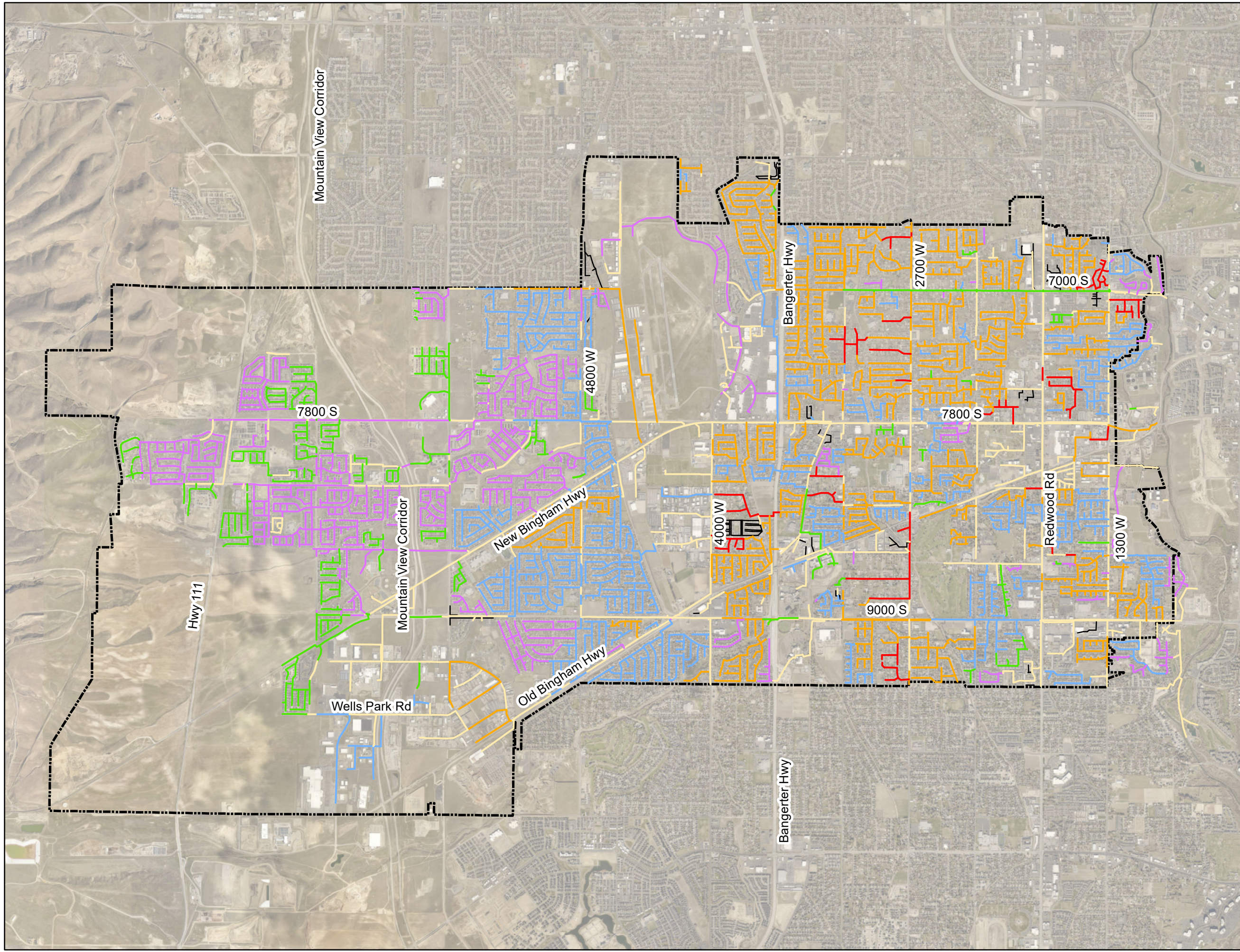


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NW Quadrant

NE Quadrant



Figure 6-1: Overall Existing Collection System d/D Map

Legend

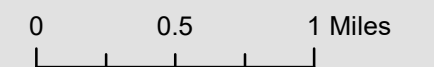
Depth over Diameter (d/D)

- 0.00 - 0.50
- 0.50 - 0.65
- 0.65 - 0.75
- 0.75 - 1.00

System Service Area



Existing System Improvements



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SW Quadrant

SE Quadrant

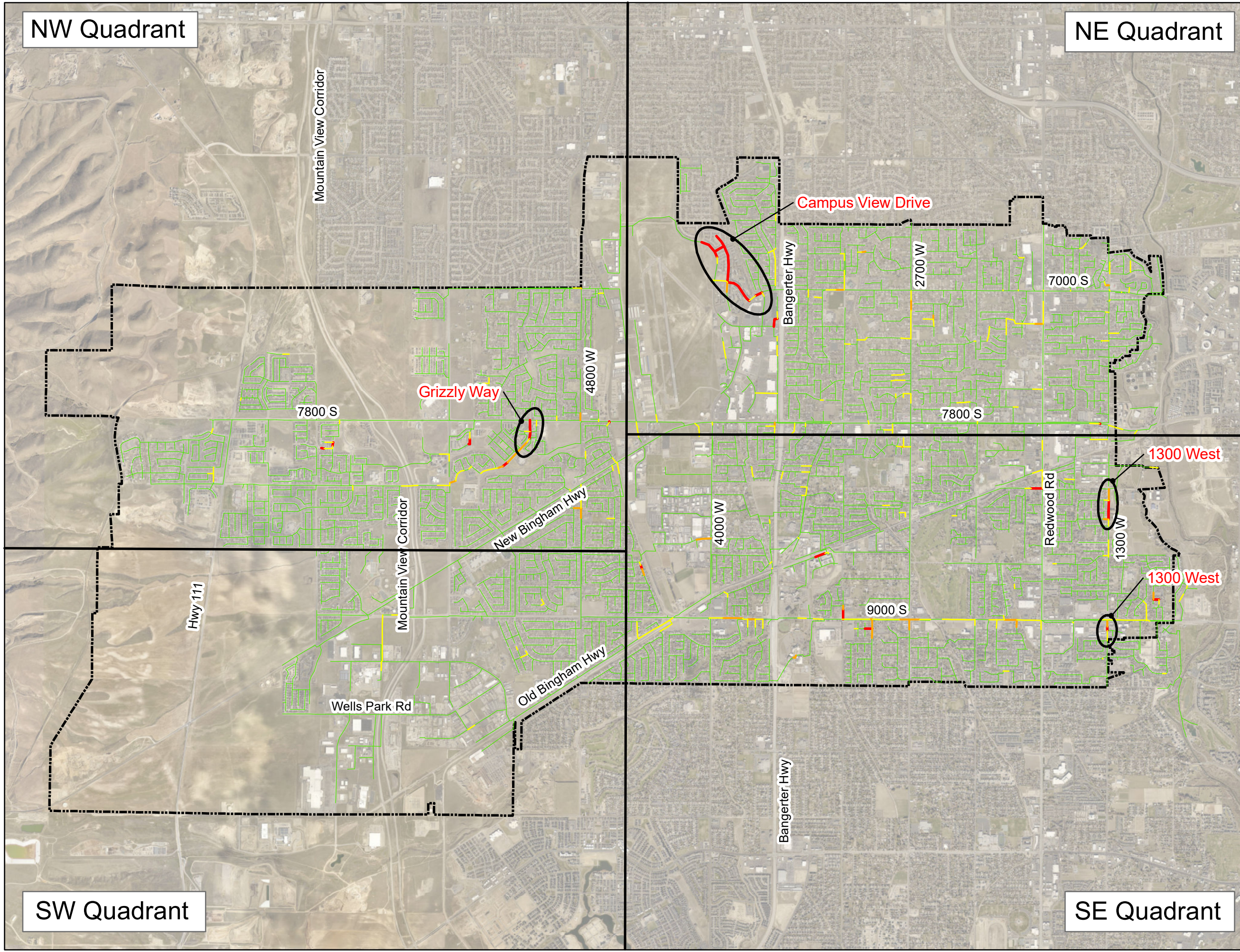




Figure 6-1A: Existing Collection System  
d/D Map - NW Quadrant

**Legend**

**Depth over Diameter (d/D)**

- 0.00 - 0.50
- 0.50 - 0.65
- 0.65 - 0.75
- 0.75 - 1.00

**System Service Area**



0 0.25 0.5 Miles



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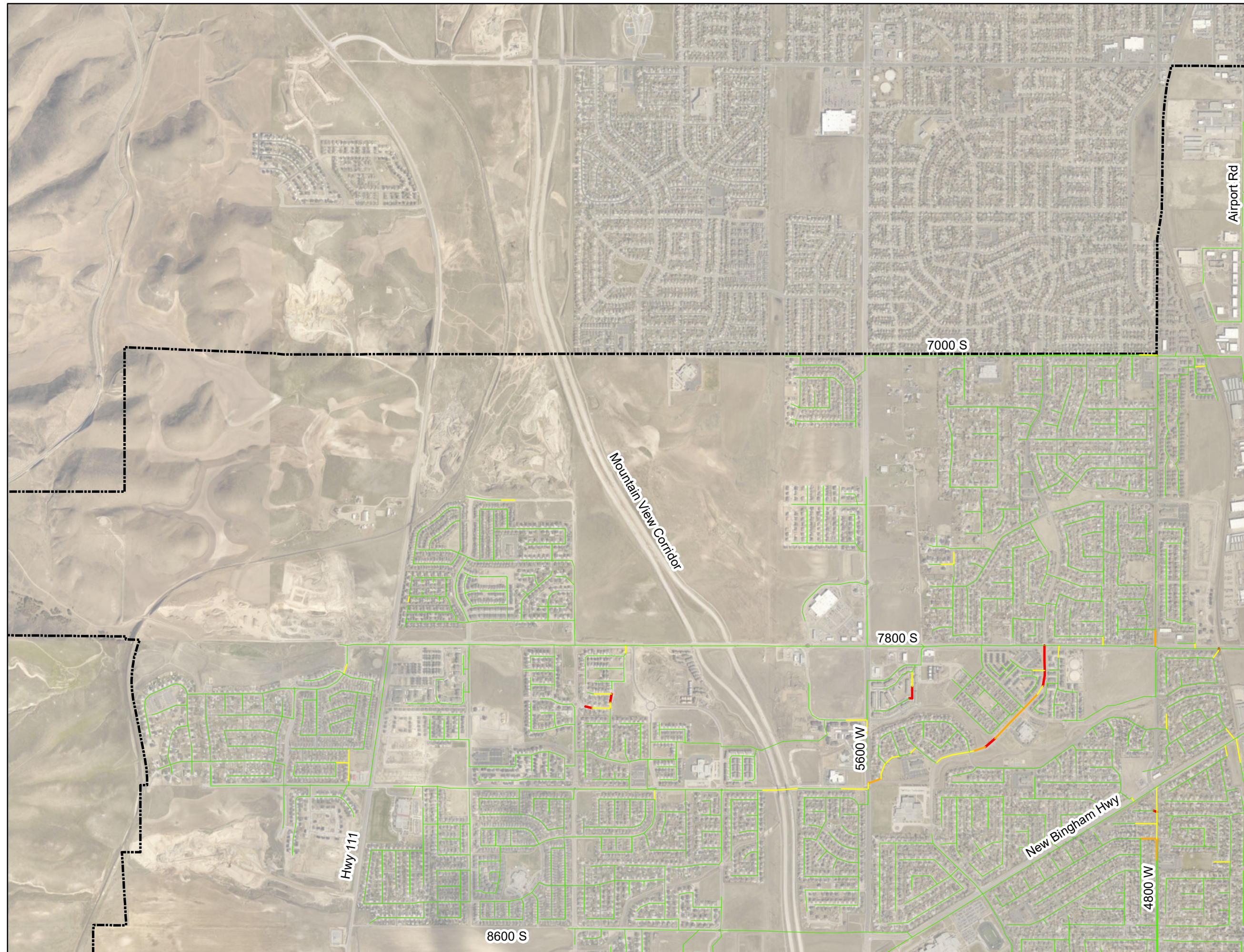




Figure 6-1B: Existing Collection System d/D Map - NE Quadrant

**Legend**

**Depth over Diameter (d/D)**

- 0.00 - 0.50
- 0.50 - 0.65
- 0.65 - 0.75
- 0.75 - 1.00

**System Service Area**



0 0.25 0.5 Miles



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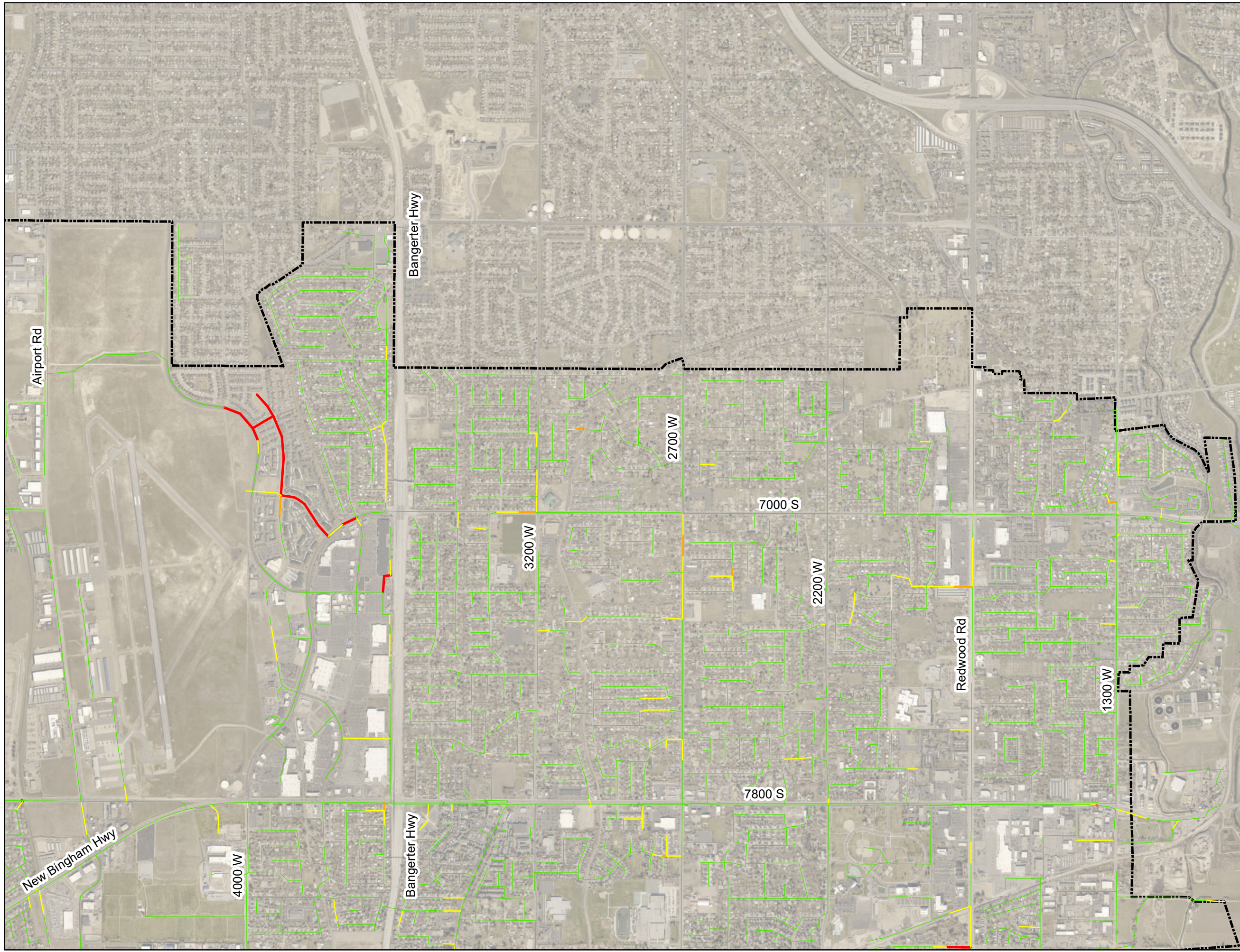




Figure 6-1C: Existing Collection System  
d/D Map - SW Quadrant

**Legend**

**Depth over Diameter (d/D)**

- 0.00 - 0.50
- 0.50 - 0.65
- 0.65 - 0.75
- 0.75 - 1.00

**System Service Area**



0 0.25 0.5 Miles



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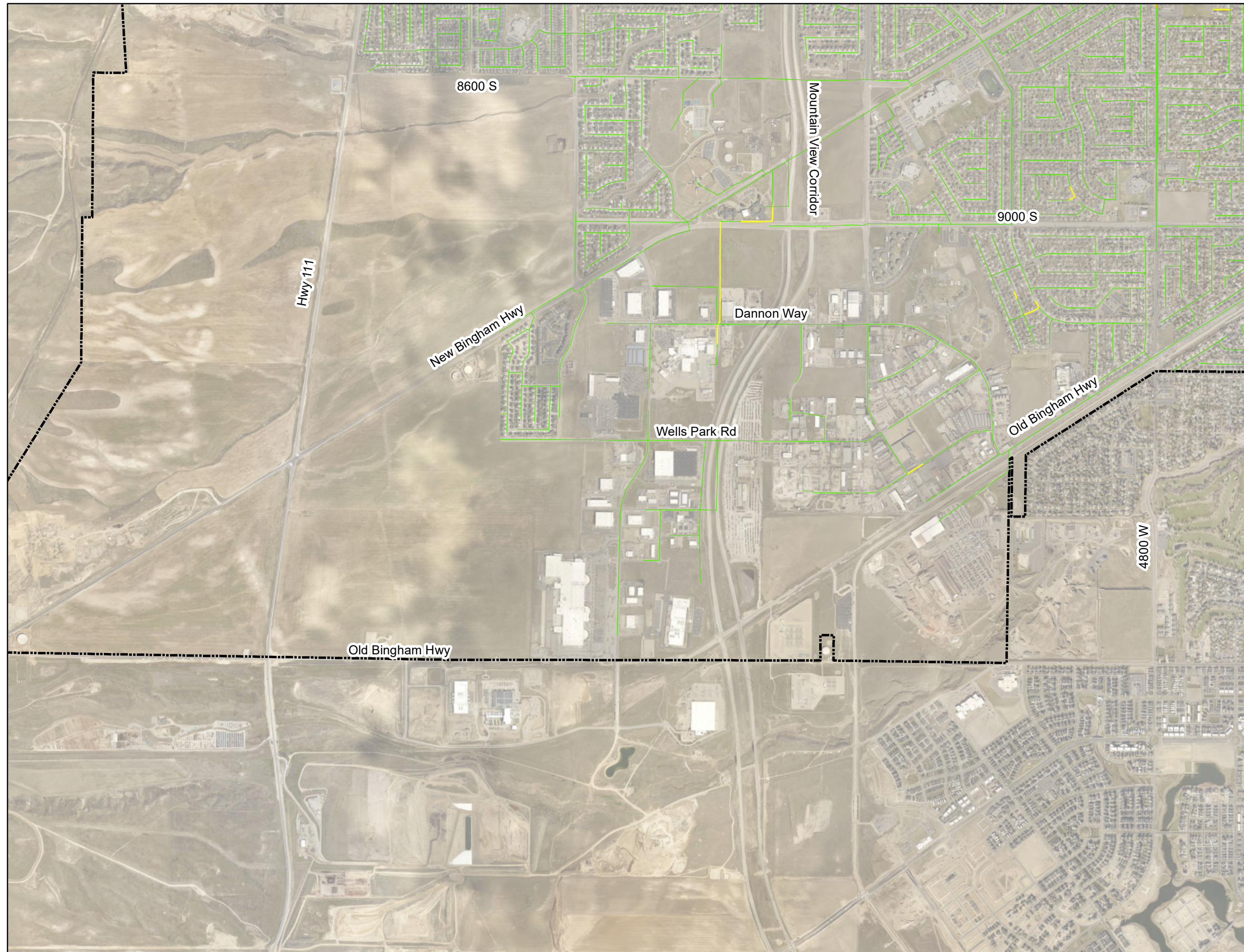




Figure 6-1D: Existing Collection System d/D Map - SE Quadrant

**Legend**

**Depth over Diameter (d/D)**

- 0.00 - 0.50
- 0.50 - 0.65
- 0.65 - 0.75
- 0.75 - 1.00

**System Service Area**



0 0.25 0.5 Miles



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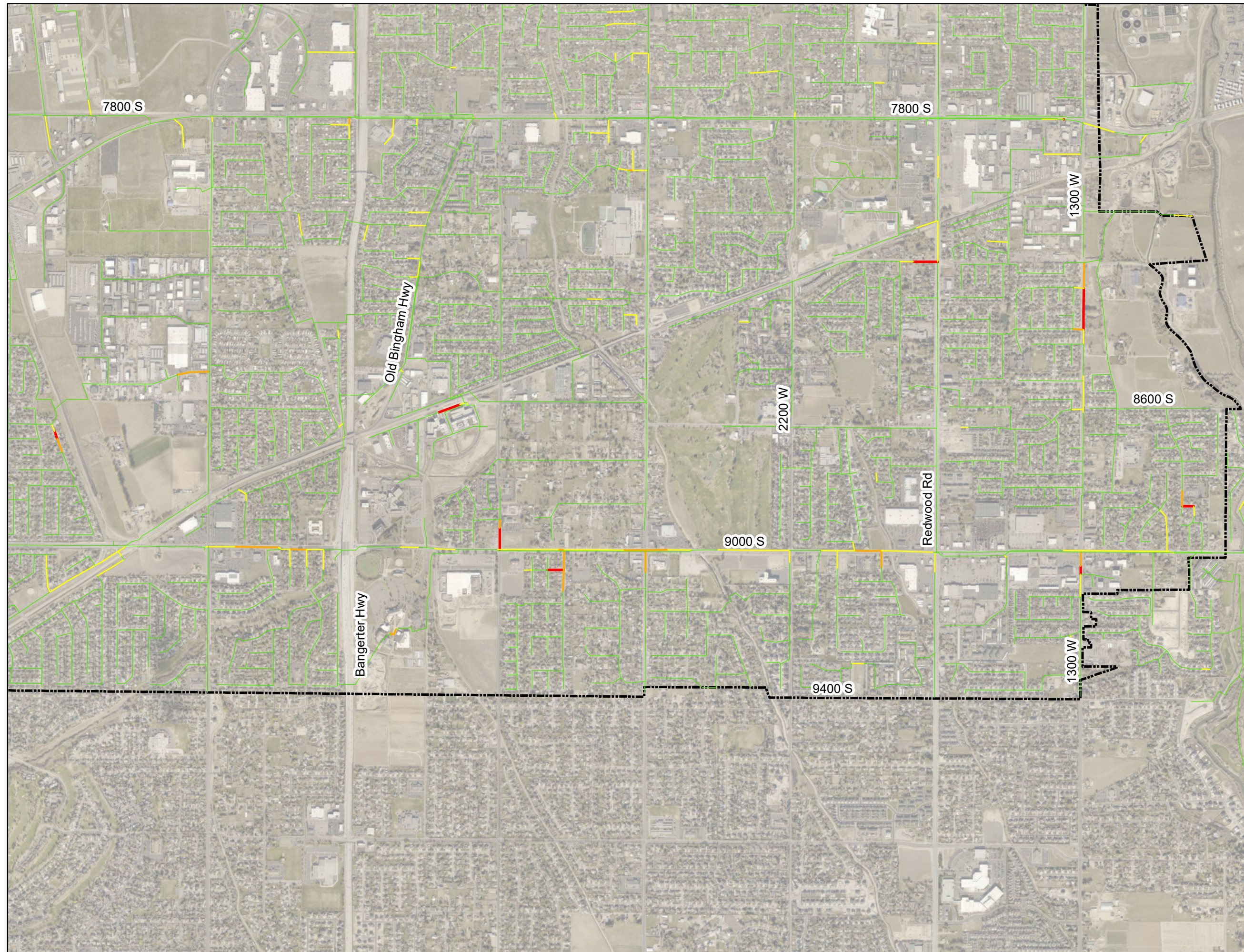


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NW Quadrant

NE Quadrant



Figure 6-2: Overall Existing Collection System Buildout d/D Map

Legend

- - - Future Pipe
- Depth over Diameter (d/D)**
- 0.00 - 0.50
- 0.50 - 0.65
- 0.65 - 0.75
- 0.75 - 1.00

System Service Area



Existing System Improvements at Buildout



0 0.5 1 Miles



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SW Quadrant

SE Quadrant

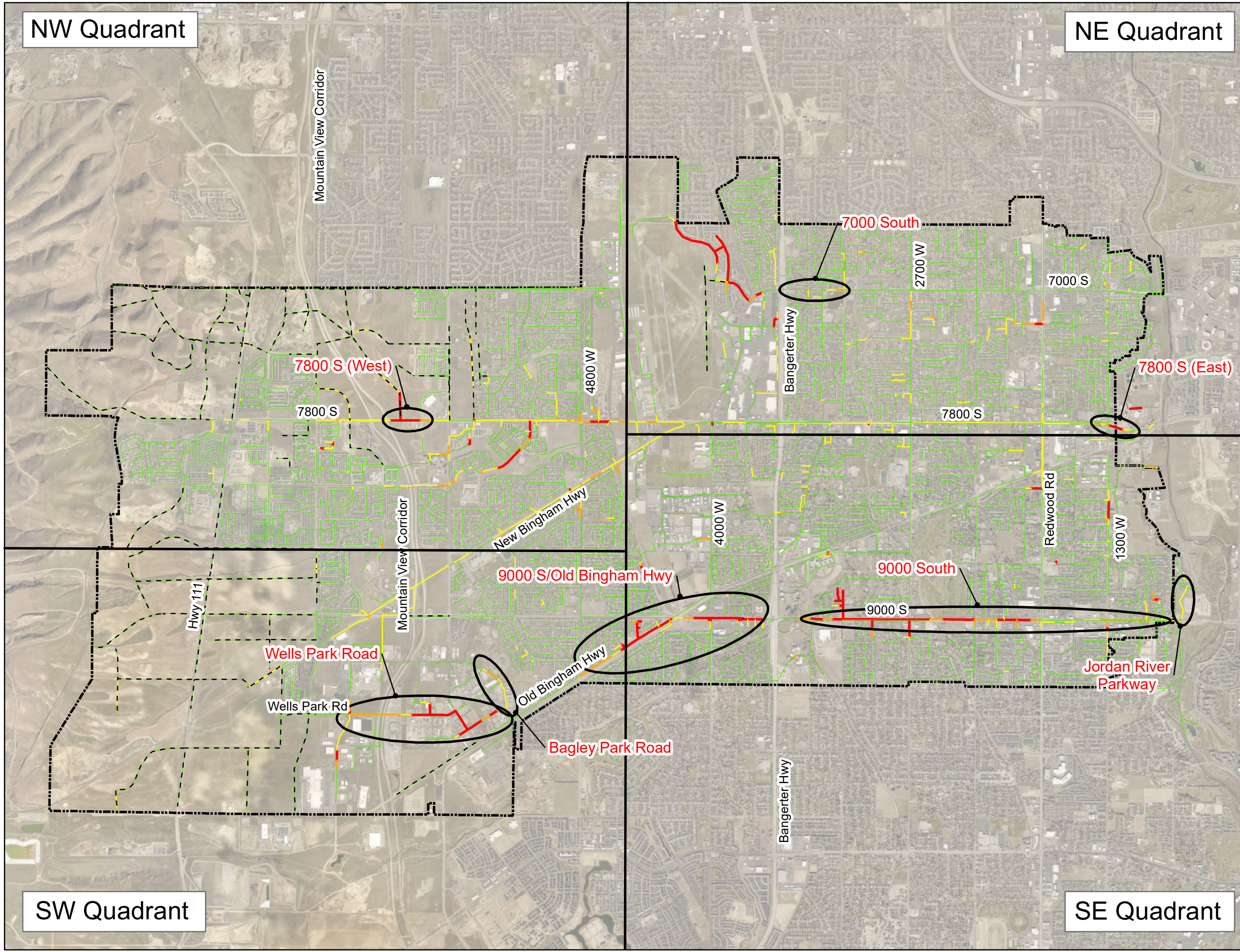




Figure 6-2A: Existing Collection System Buildout  
d/D Map - NW Quadrant

**Legend**

- - - Future Pipes
- Depth over Diameter (d/D)**
- 0.00 - 0.50
- 0.50 - 0.65
- 0.65 - 0.75
- 0.75 - 1.00
- System Service Area**



0 0.25 0.5 Miles



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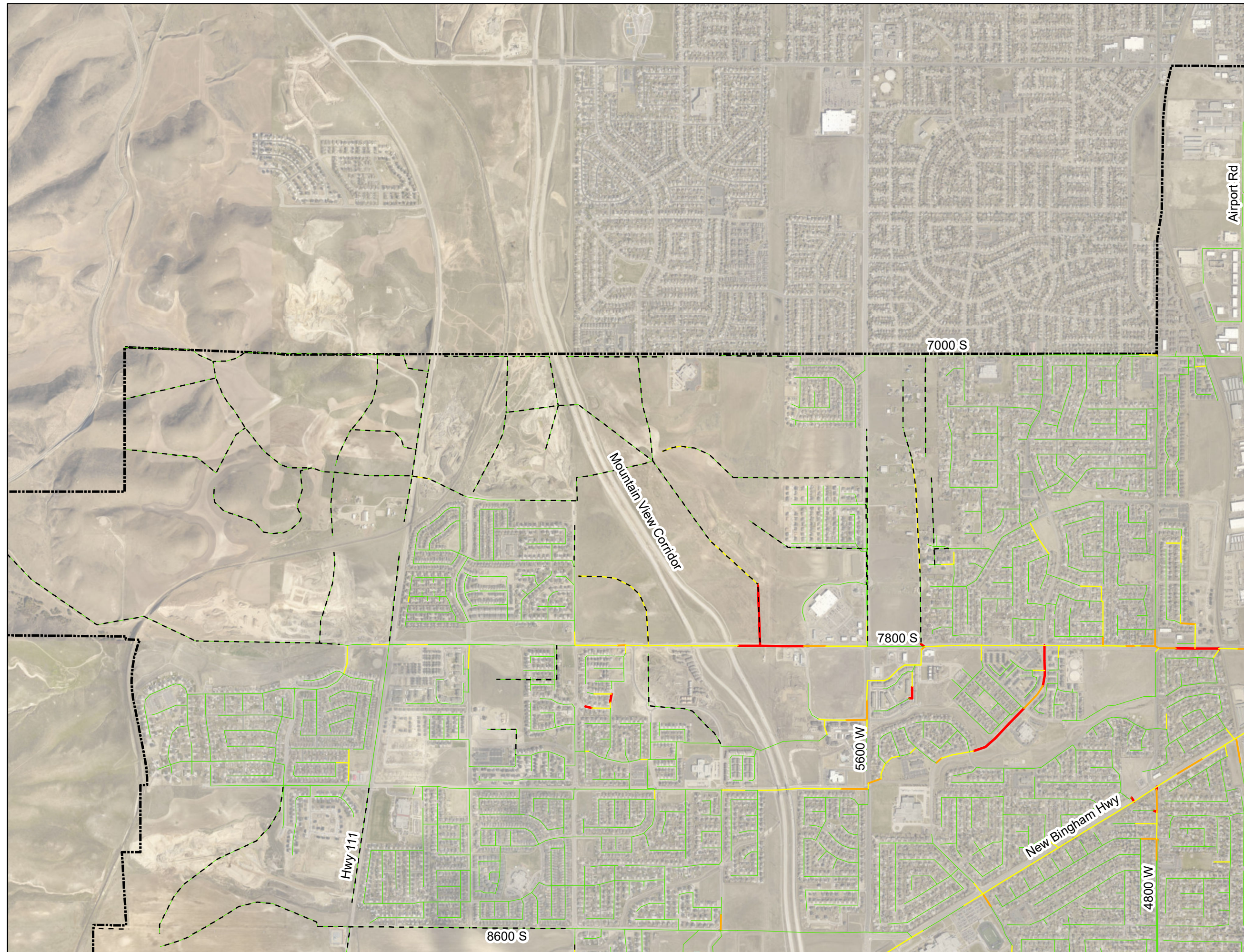
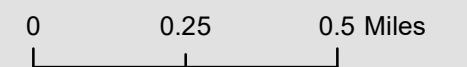




Figure 6-2B: Existing Collection System Buildout  
d/D Map - NE Quadrant

**Legend**

- - - Future Pipes
- Depth over Diameter (d/D)**
- 0.00 - 0.50
- 0.50 - 0.65
- 0.65 - 0.75
- 0.75 - 1.00
- System Service Area**



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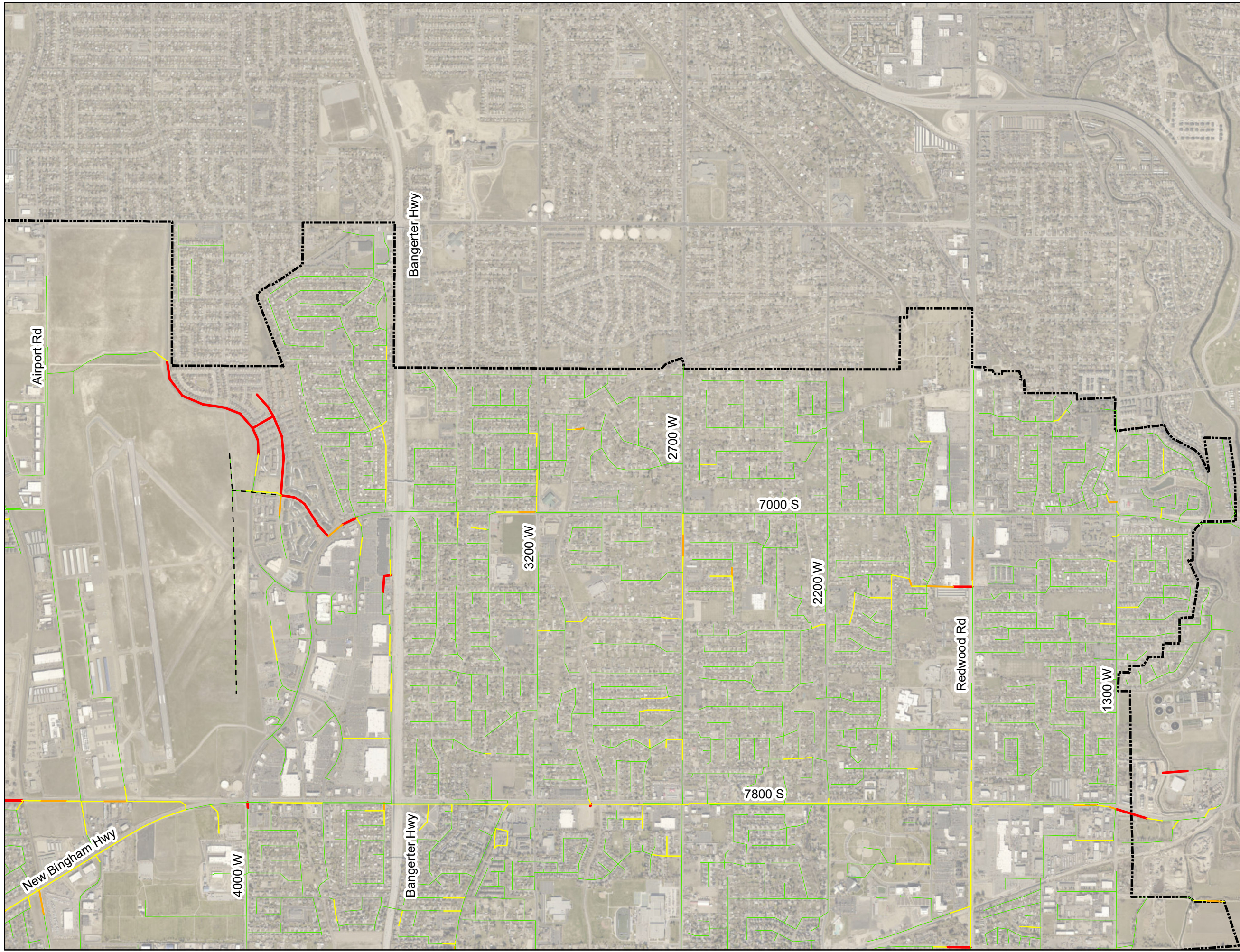




Figure 6-2C: Existing Collection System Buildout  
d/D Map - SW Quadrant

**Legend**

- - - Future Pipes
- Depth over Diameter (d/D)**
- 0.00 - 0.50
- 0.50 - 0.65
- 0.65 - 0.75
- 0.75 - 1.00

**System Service Area**



0 0.25 0.5 Miles



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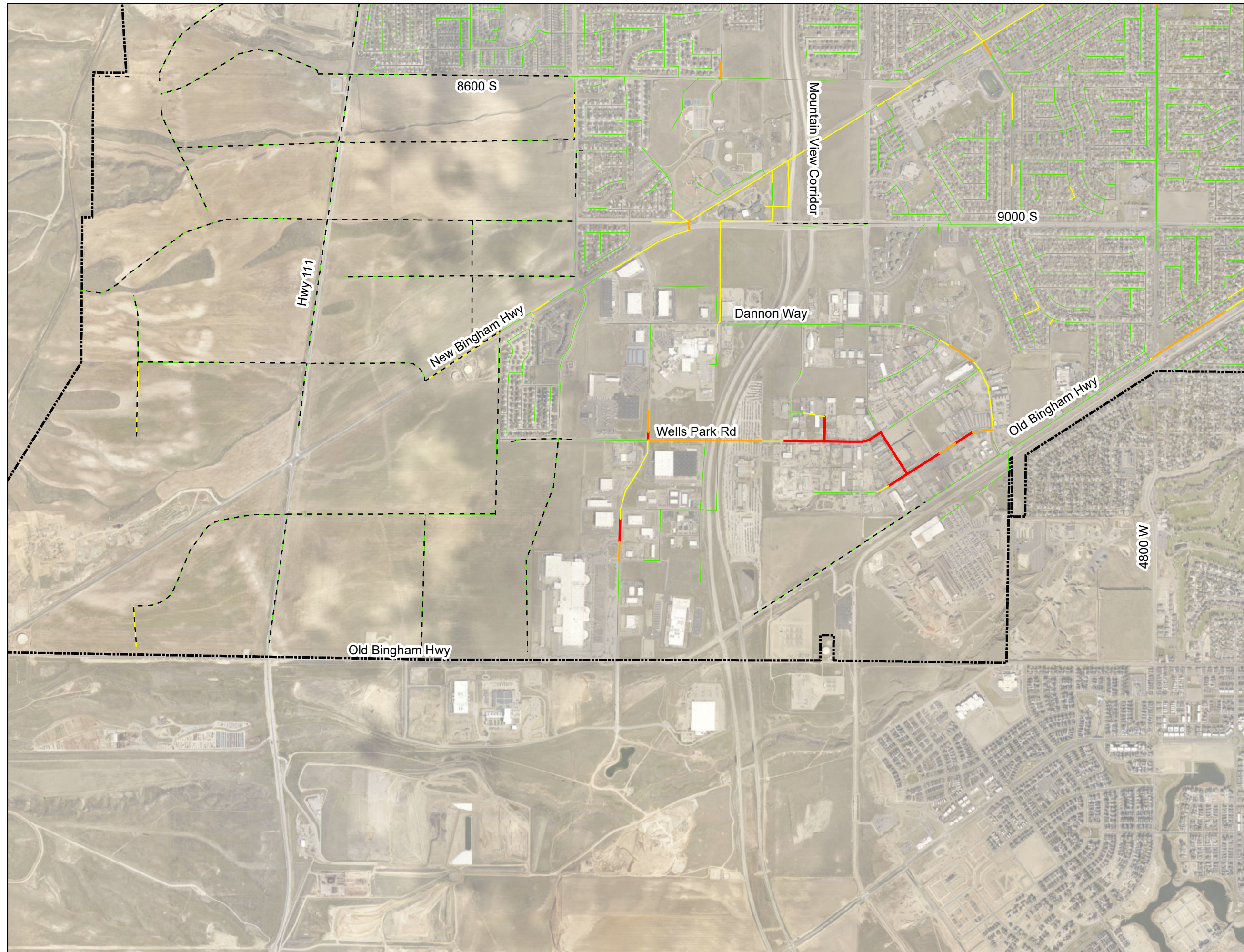




Figure 6-2D: Existing Collection System Buildout d/D Map - SE Quadrant

**Legend**

- - - Future Pipes
- Depth over Diameter (d/D)**
- 0.00 - 0.50
- 0.50 - 0.65
- 0.65 - 0.75
- 0.75 - 1.00
- System Service Area**
- 



0 0.25 0.5 Miles



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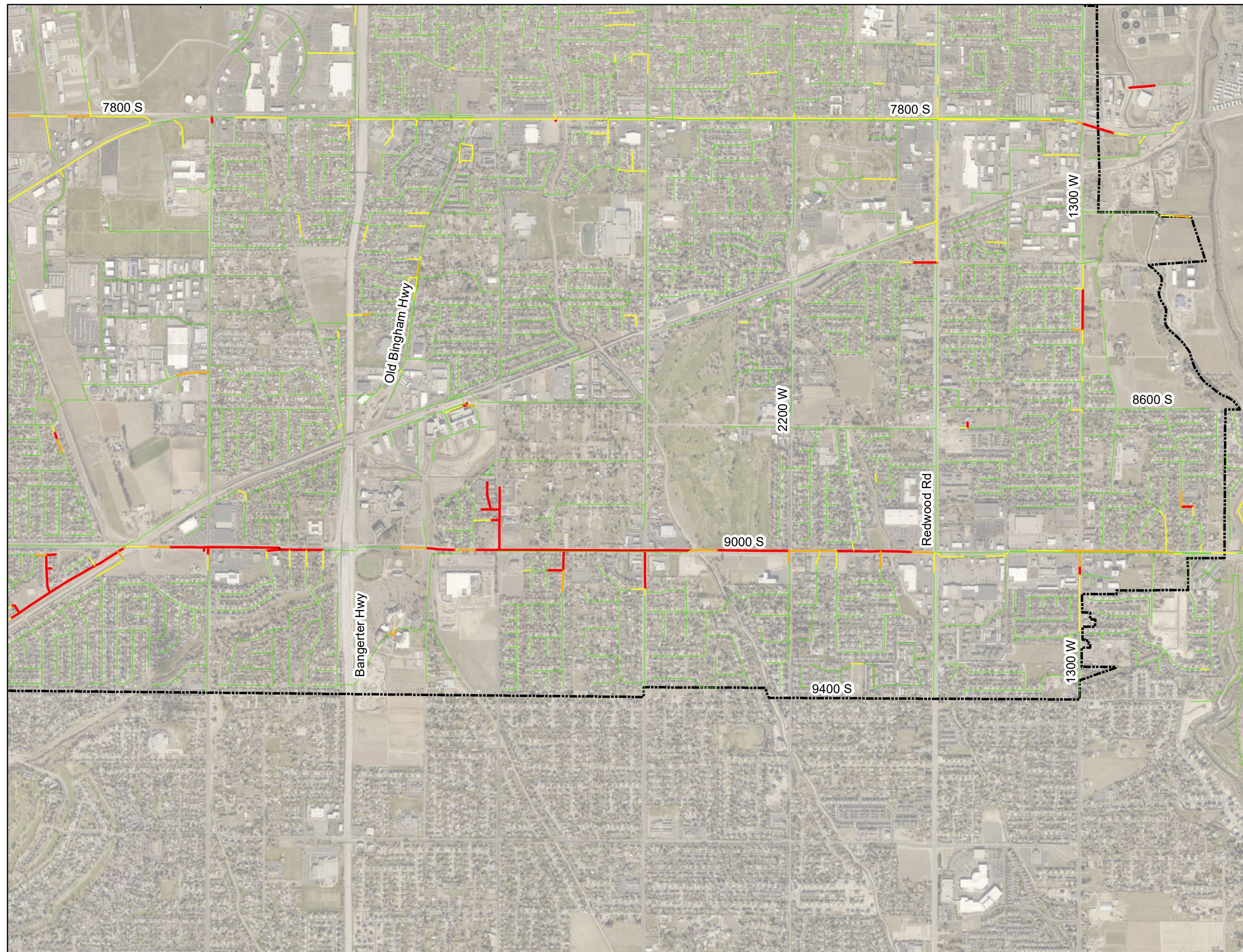






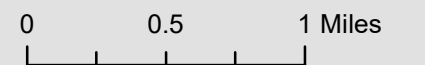
Figure 7-1: Capital Improvement Projects

Legend

Pipe Size

6	12
8	15
10	18
12	21
15	24
18	30
21	36
24	39
27	
30	
36	
39	
- - - Future Pipe	

System Service Area



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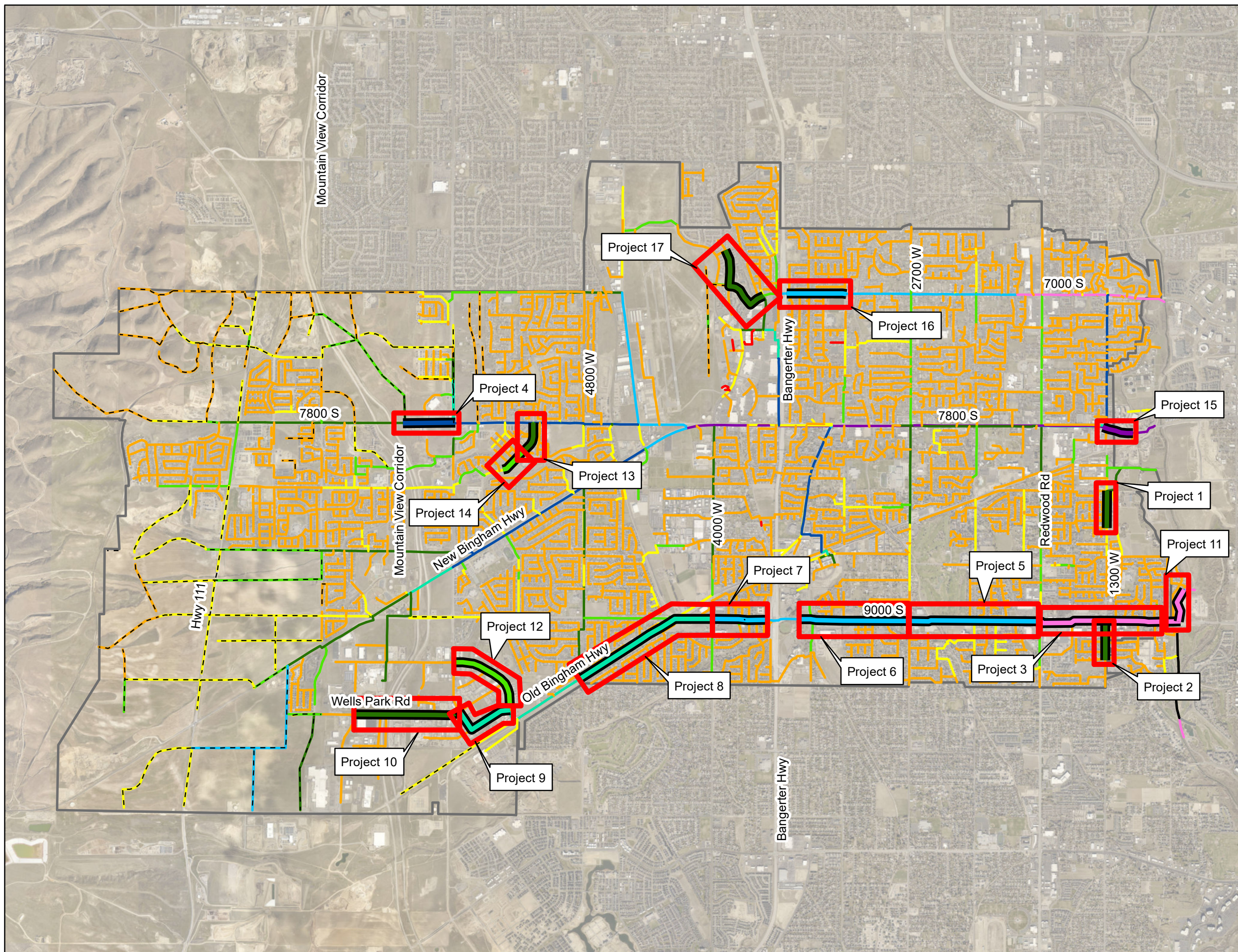


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NW Quadrant

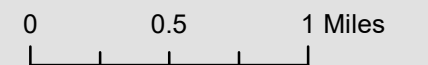
NE Quadrant



Figure 7-2: Overall Existing Collection System Buildout d/D Map with Proposed Improvements

Legend

- - - Future Pipes
- Depth over Diameter (d/D)**
- 0.00 - 0.50
- 0.50 - 0.65
- 0.65 - 0.75
- 0.75 - 1.00
- System Service Area**



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SW Quadrant

SE Quadrant

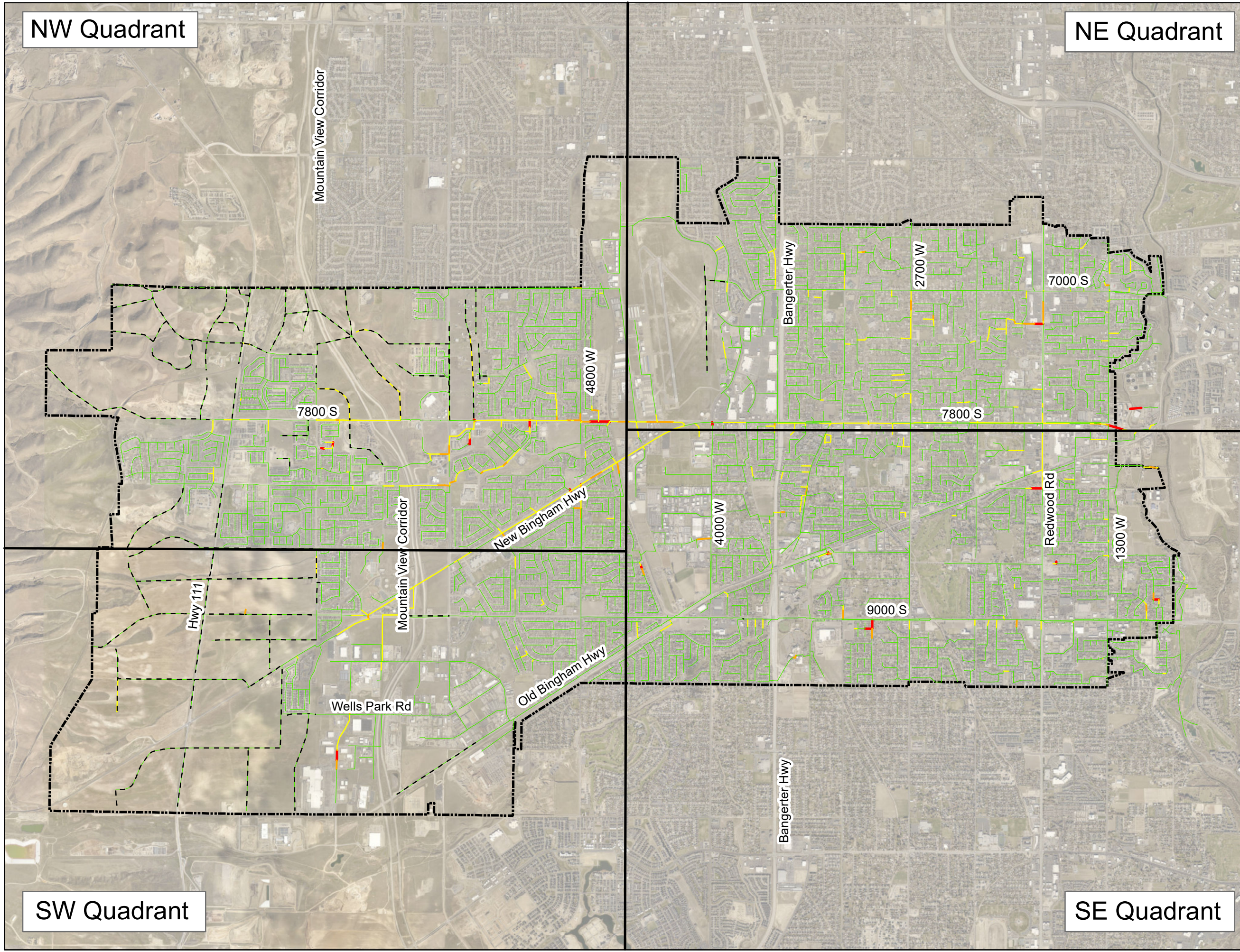
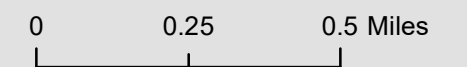




Figure 7-2A: Existing Collection System Buildout d/D Map with Proposed Improvements - NW Quadrant

**Legend**

- - - Future Pipes
- Depth over Diameter (d/D)**
- 0.00 - 0.50
- 0.50 - 0.65
- 0.65 - 0.75
- 0.75 - 1.00
- System Service Area**



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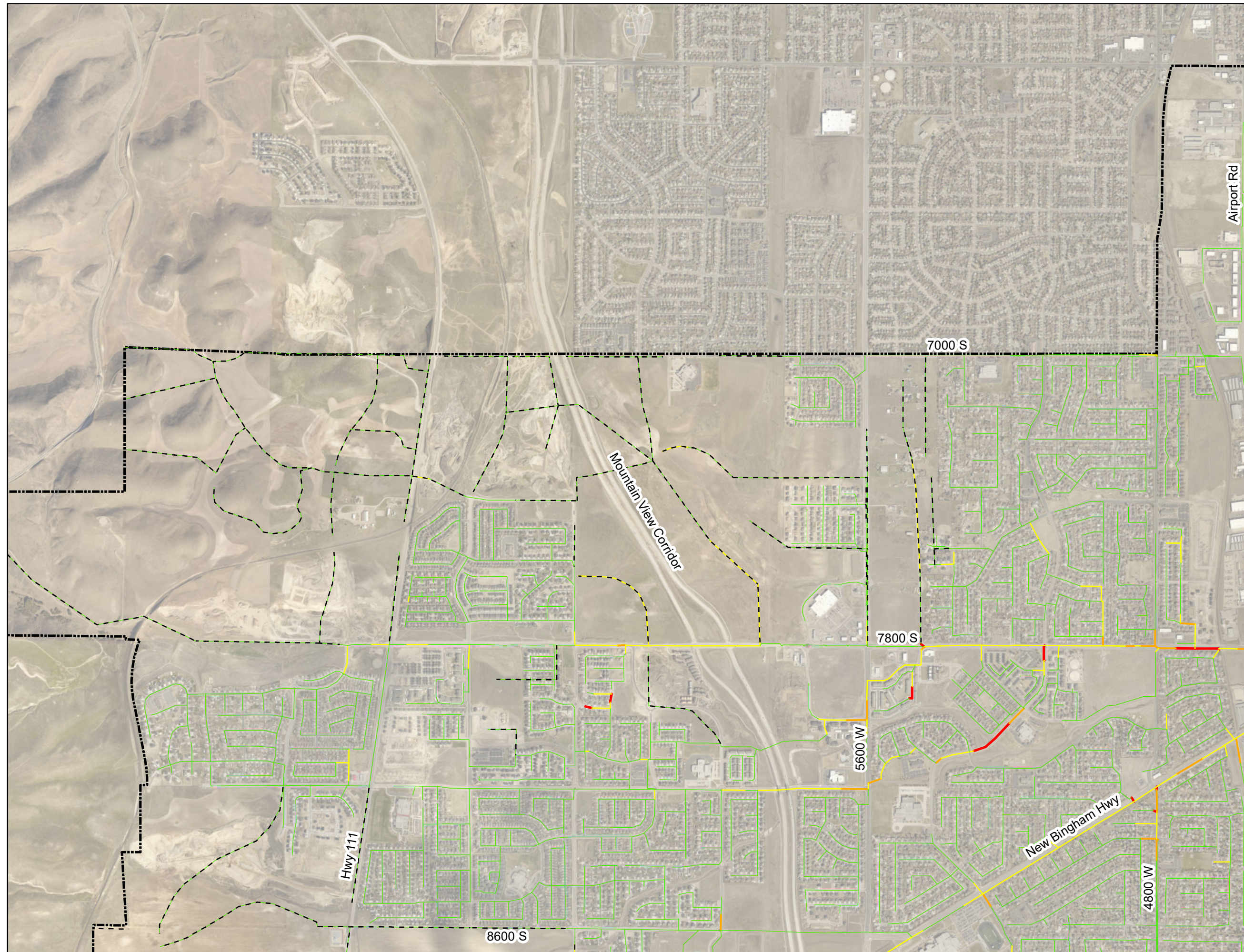
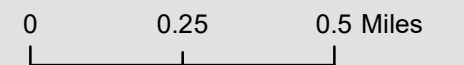




Figure 7-2B: Existing Collection System Buildout d/D Map with Proposed Improvements - NE Quadrant

**Legend**

- - - Future Pipes
- Depth over Diameter (d/D)**
- 0.00 - 0.50
- 0.50 - 0.65
- 0.65 - 0.75
- 0.75 - 1.00
- System Service Area**



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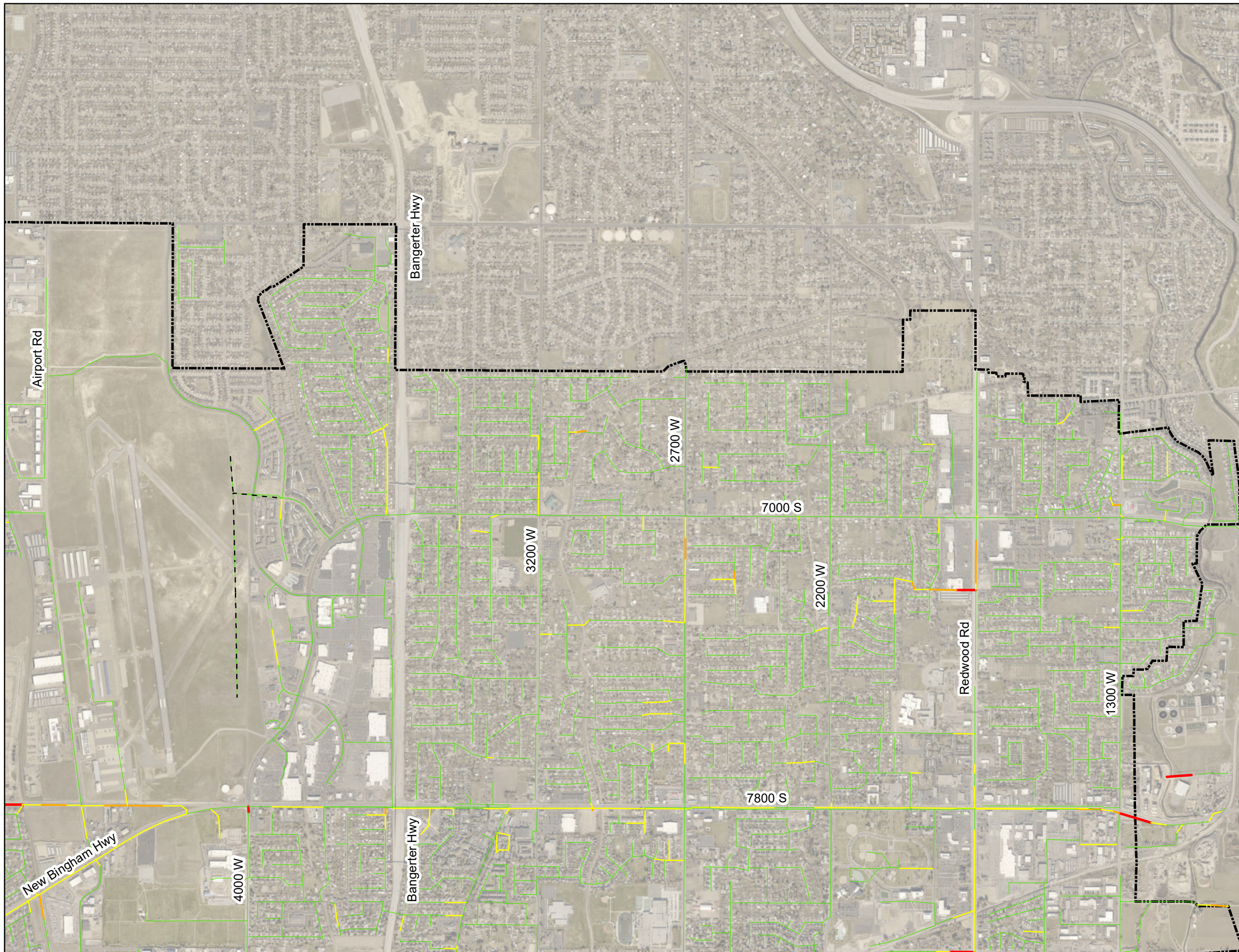
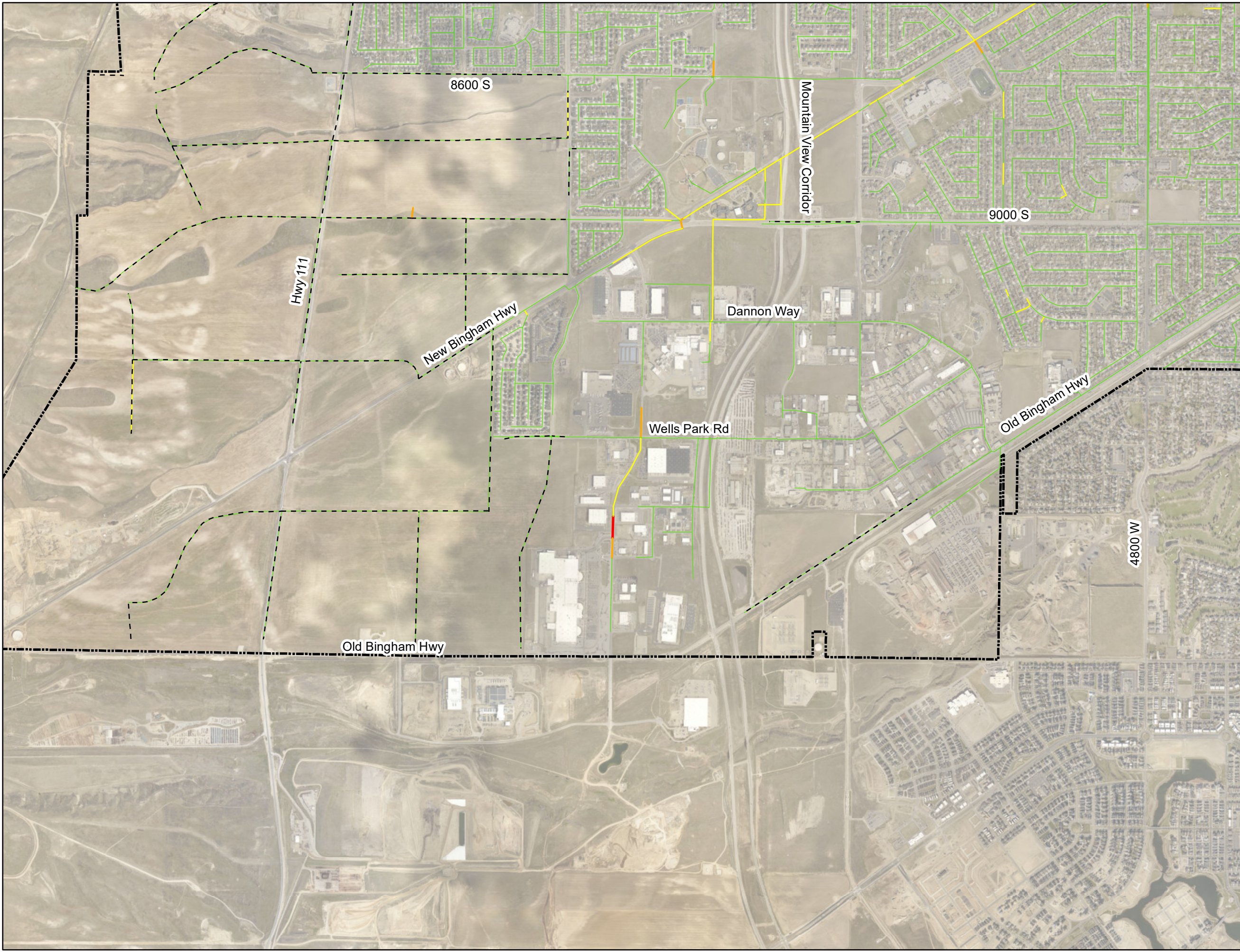




Figure 7-2C: Existing Collection System Buildout d/D Map with Proposed Improvements - SW Quadrant



**Legend**

- - - Future Pipes

**Depth over Diameter (d/D)**

- 0.00 - 0.50
- 0.50 - 0.65
- 0.65 - 0.75
- 0.75 - 1.00

**System Service Area**

- - -

0 0.25 0.5 Miles

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Figure 7-2D: Existing Collection System Buildout d/D Map with Proposed Improvements - SE Quadrant

**Legend**

- - - Future Pipes

**Depth over Diameter (d/D)**

0.00 - 0.50

0.50 - 0.65

0.65 - 0.75

0.75 - 1.00

**System Service Area**



0 0.25 0.5 Miles



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