1800 NORTH SR-37
ENVIRONMENTAL IMPACT STATEMENT

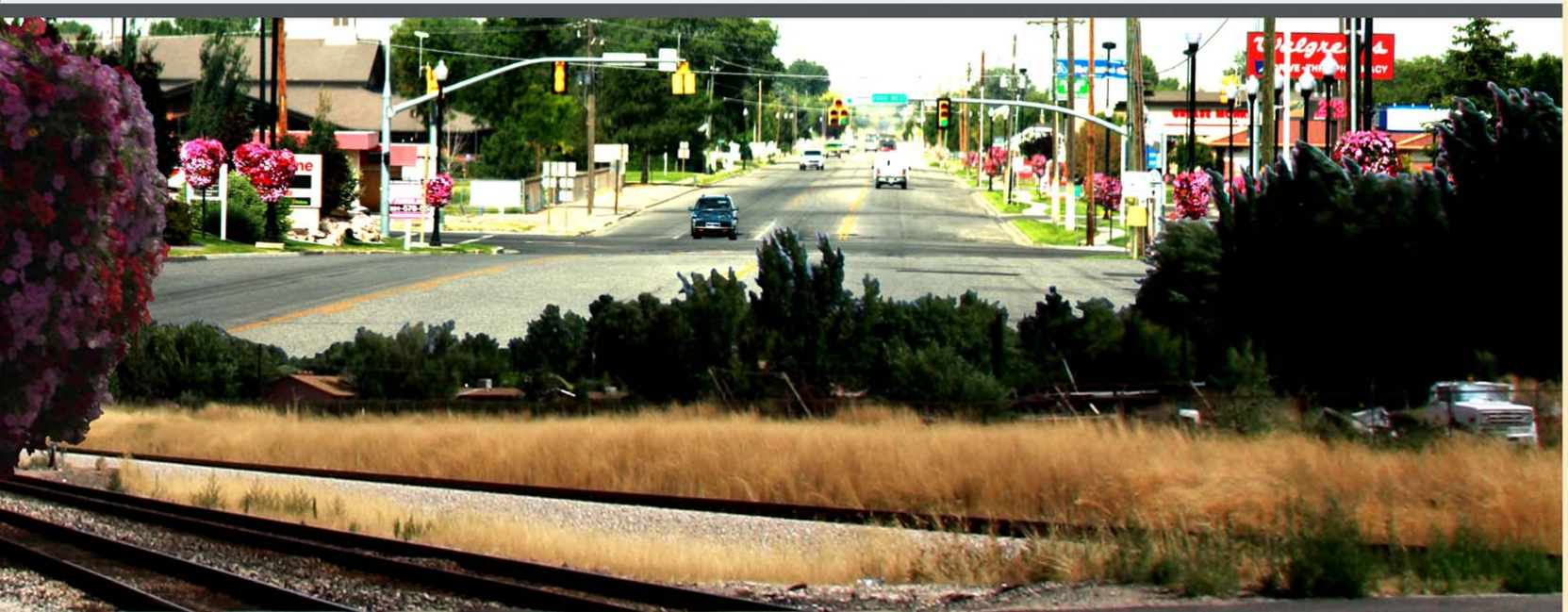
1800 NORTH
DRAFT ENVIRONMENTAL IMPACT STATEMENT AND SECTION 4(F) EVALUATION

1800 NORTH (SR-37) 2000 WEST TO I-15, DAVIS COUNTY, UTAH
SUBMITTED PURSUANT TO 42 U.S.C. 4332(2)(C) AND 49 U.S.C. 303

UDOT PROJECT NO. F-0037(4)0

SEPTEMBER 2014

VOLUME 2



CHAPTER 2 FIGURES

- ADD CAPACITY TO I800 NORTH ALTERNATIVES
- I800 NORTH RAILROAD GRADE-SEPARATION ALTERNATIVES
- I800 NORTH INTERCHANGE ALTERNATIVES

ADD CAPACITY TO 1800 NORTH ALTERNATIVES

- CENTERLINE WIDENING
- WIDEN TO THE NORTH
- WIDEN TO THE SOUTH
- MINIMIZATION ALIGNMENT 1
- MINIMIZATION ALIGNMENT 2

LEGEND:

- SECTION 4(f) RESOURCE - STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

- SIGNALIZED INTERSECTION

N

0 50 100 200
FEET

CENTERLINE WIDENING

SHEET 1

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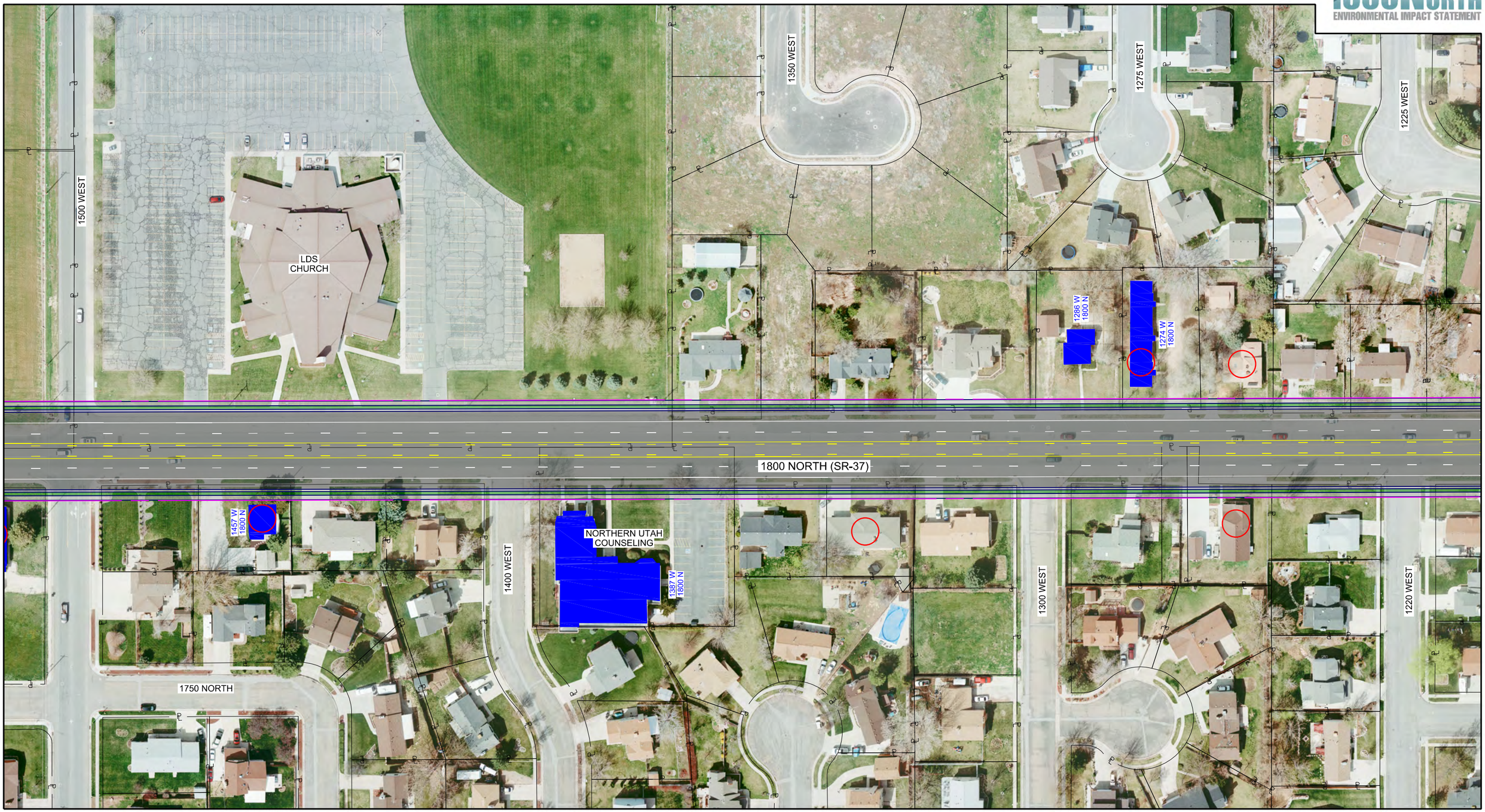
CENTERLINE WIDENING

SHEET 2



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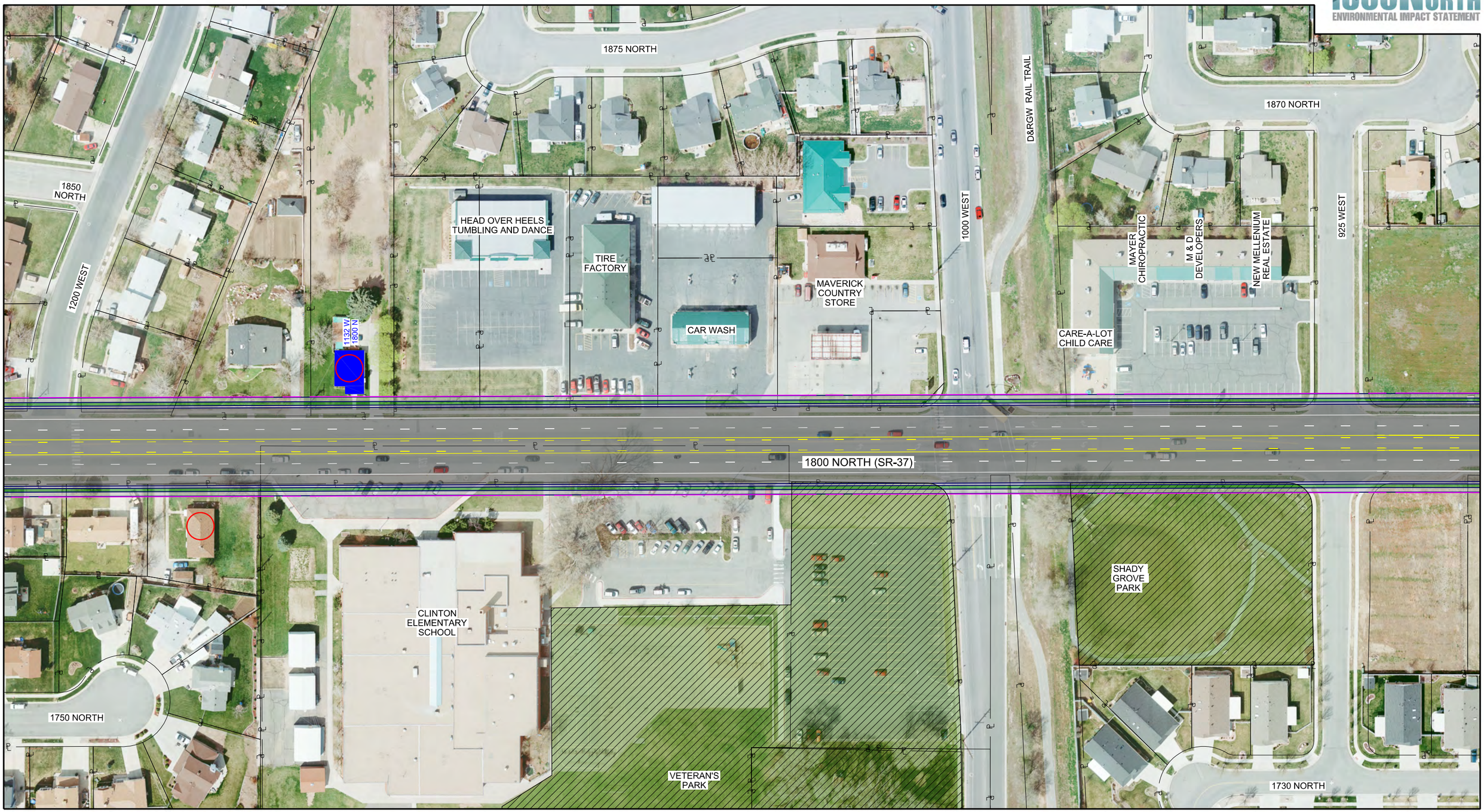
SHEET 3



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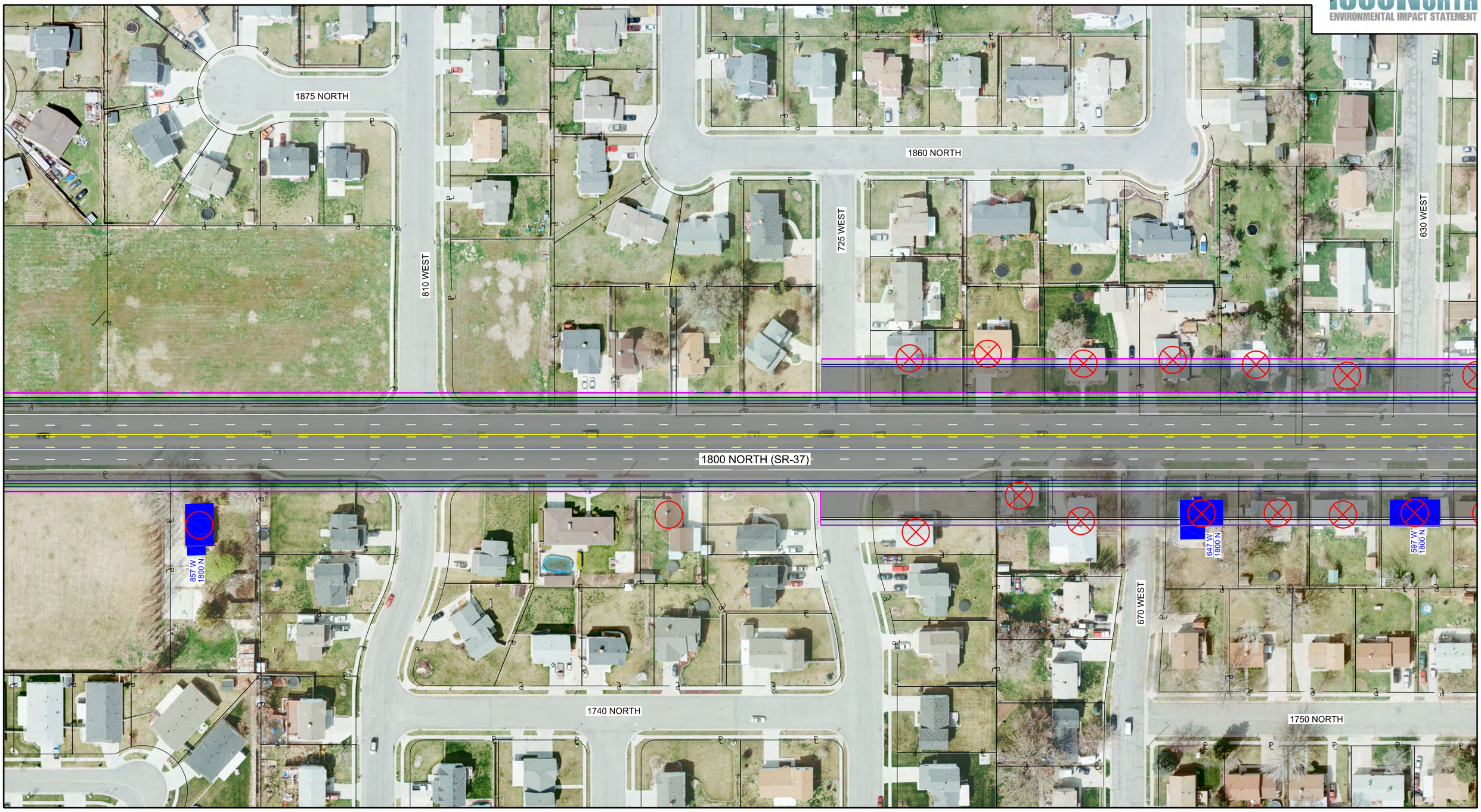

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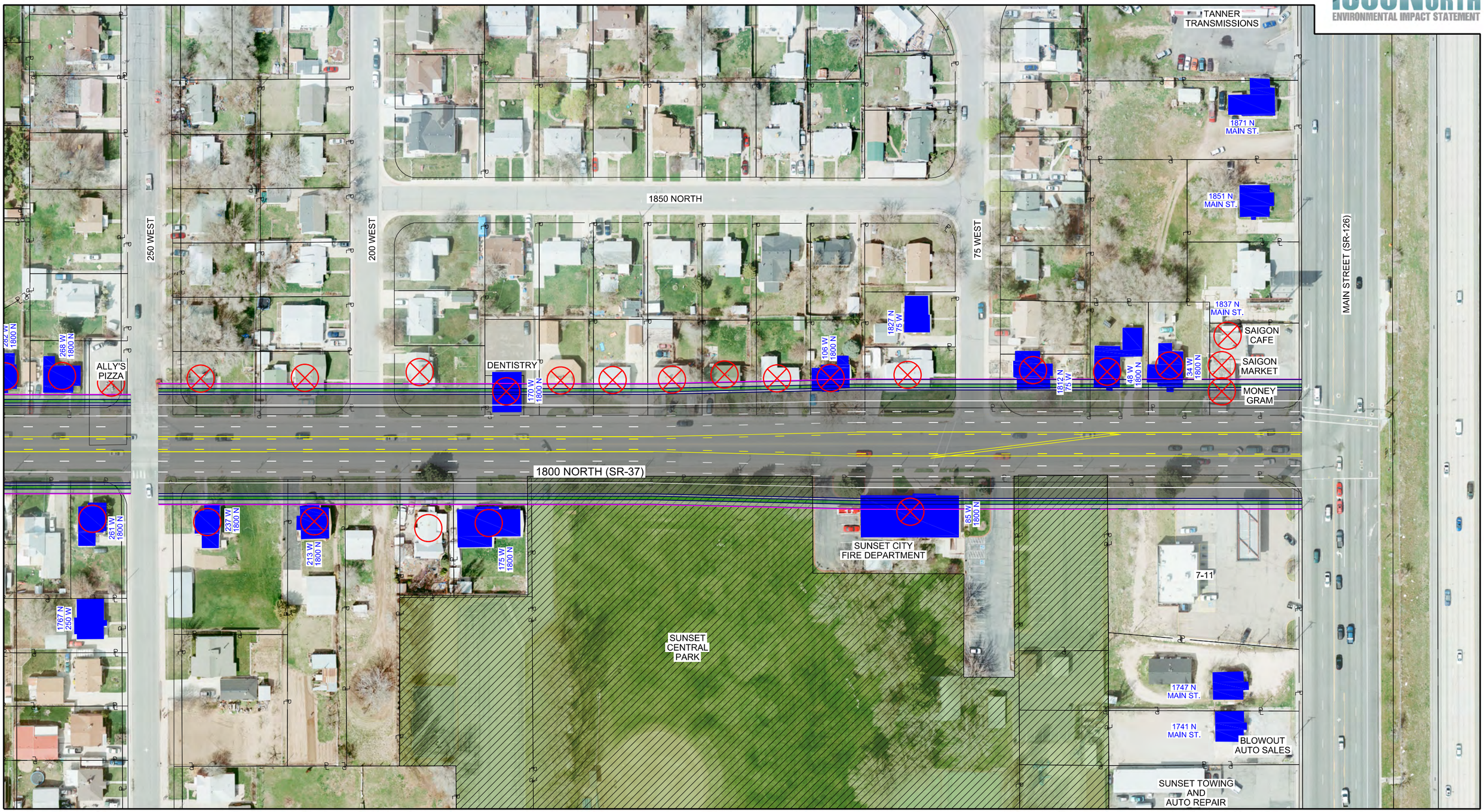
SHEET 6



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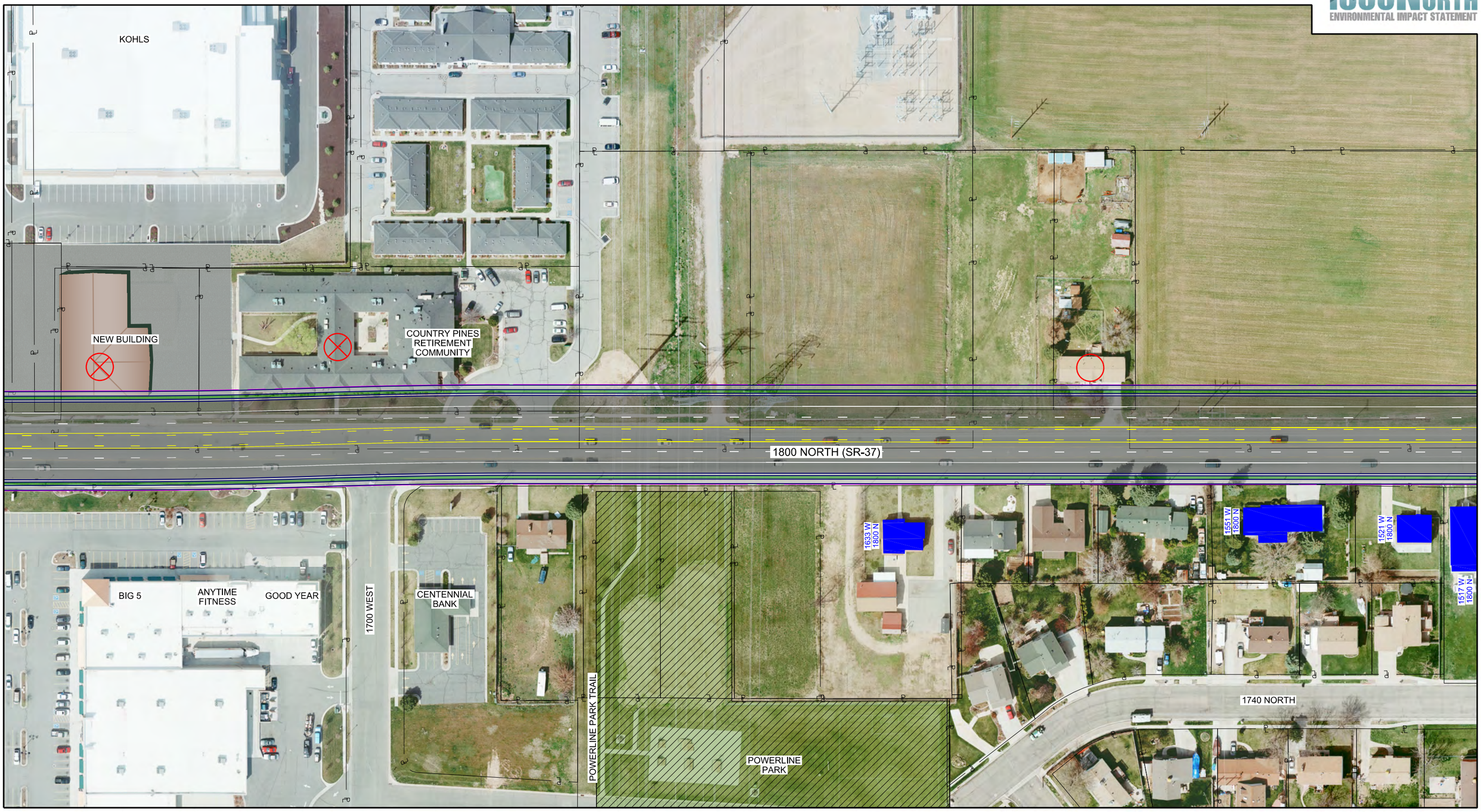

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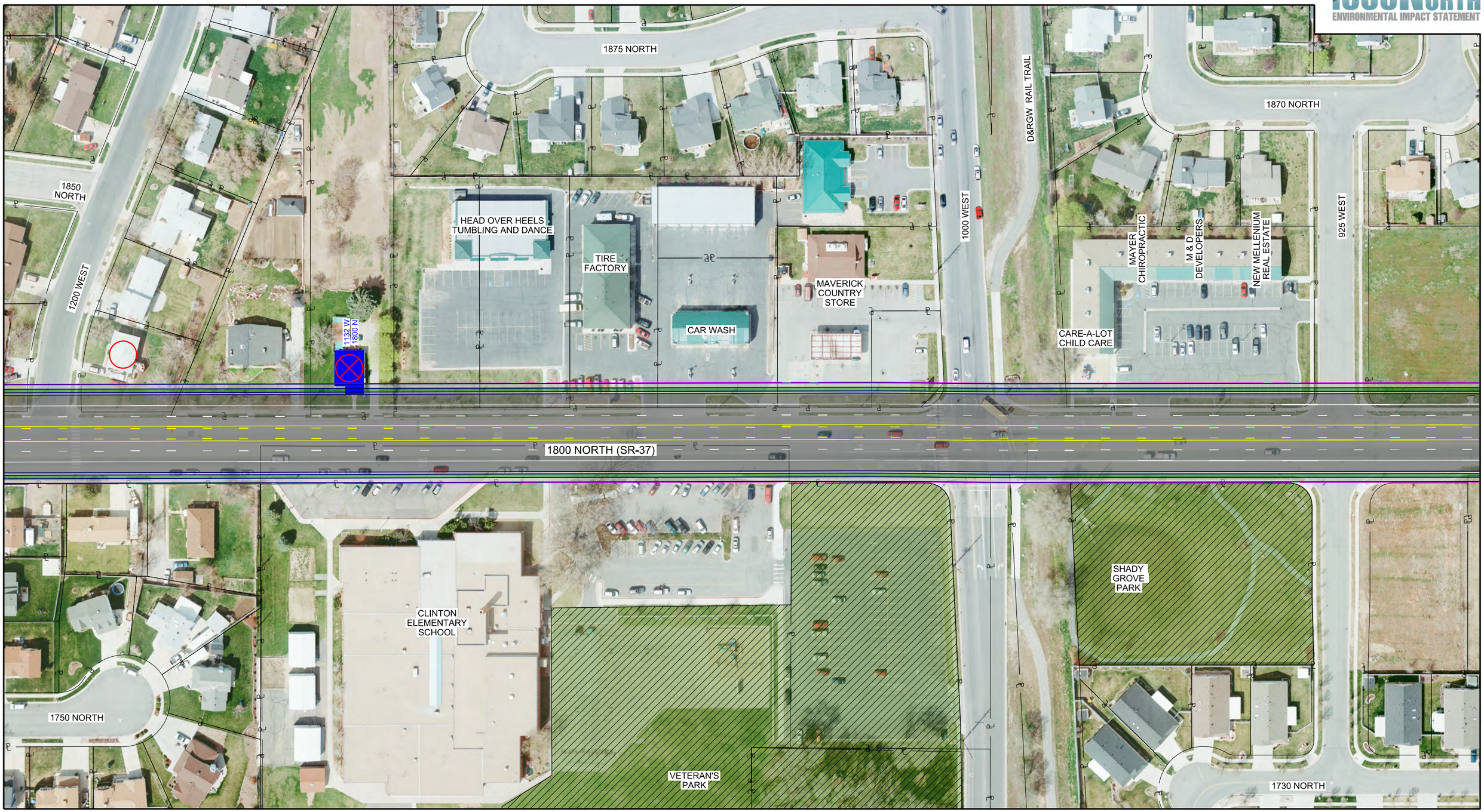

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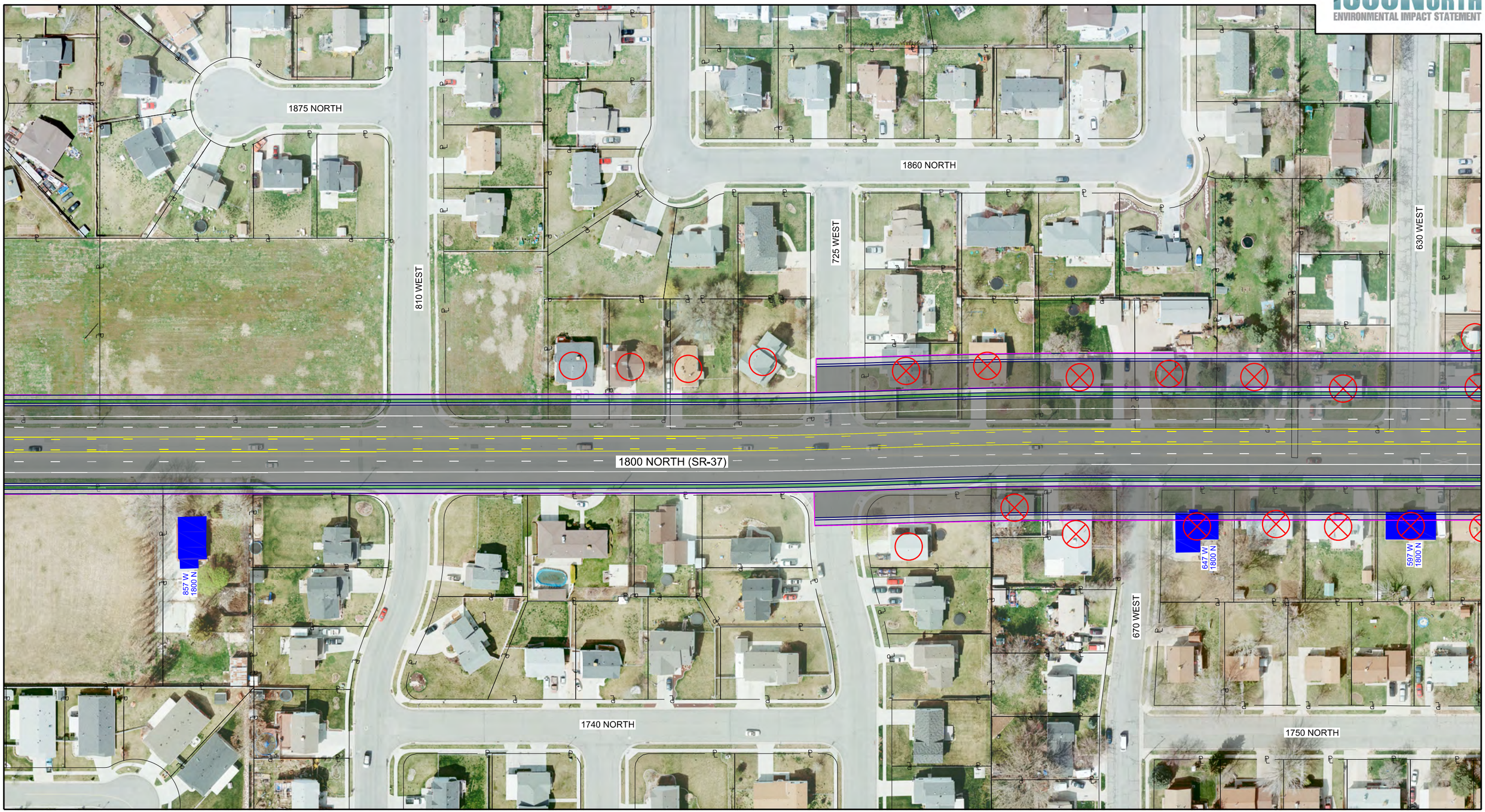

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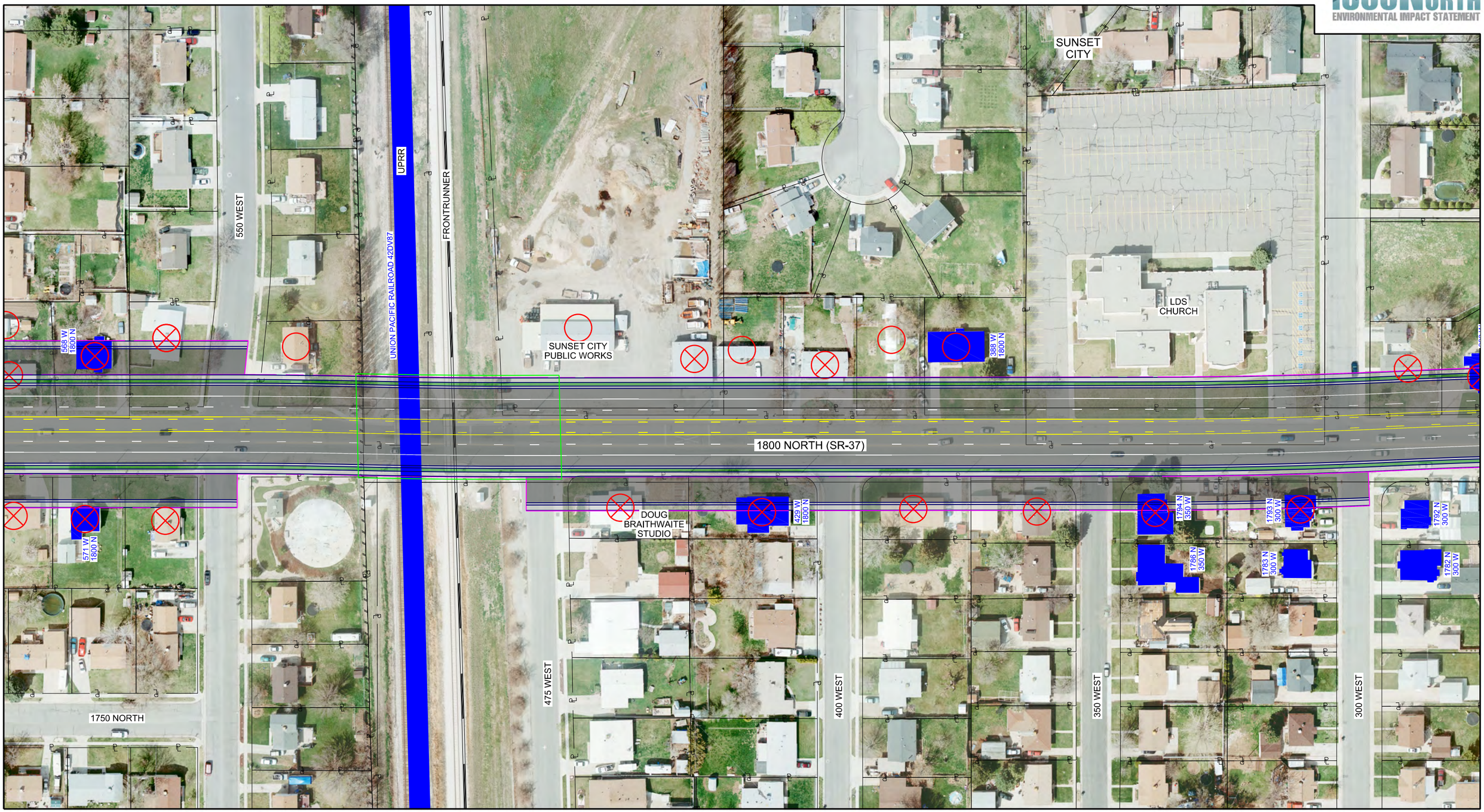

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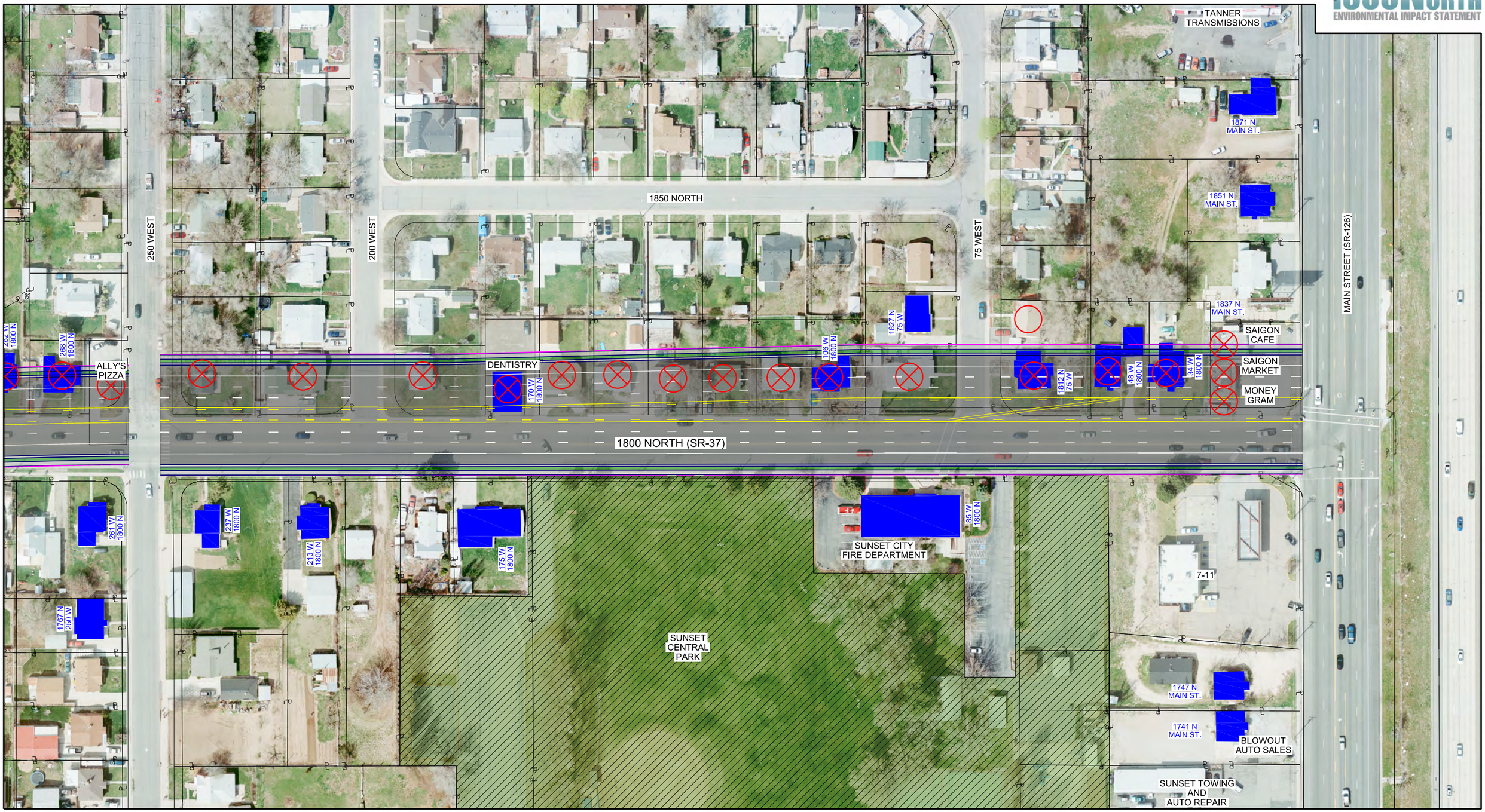

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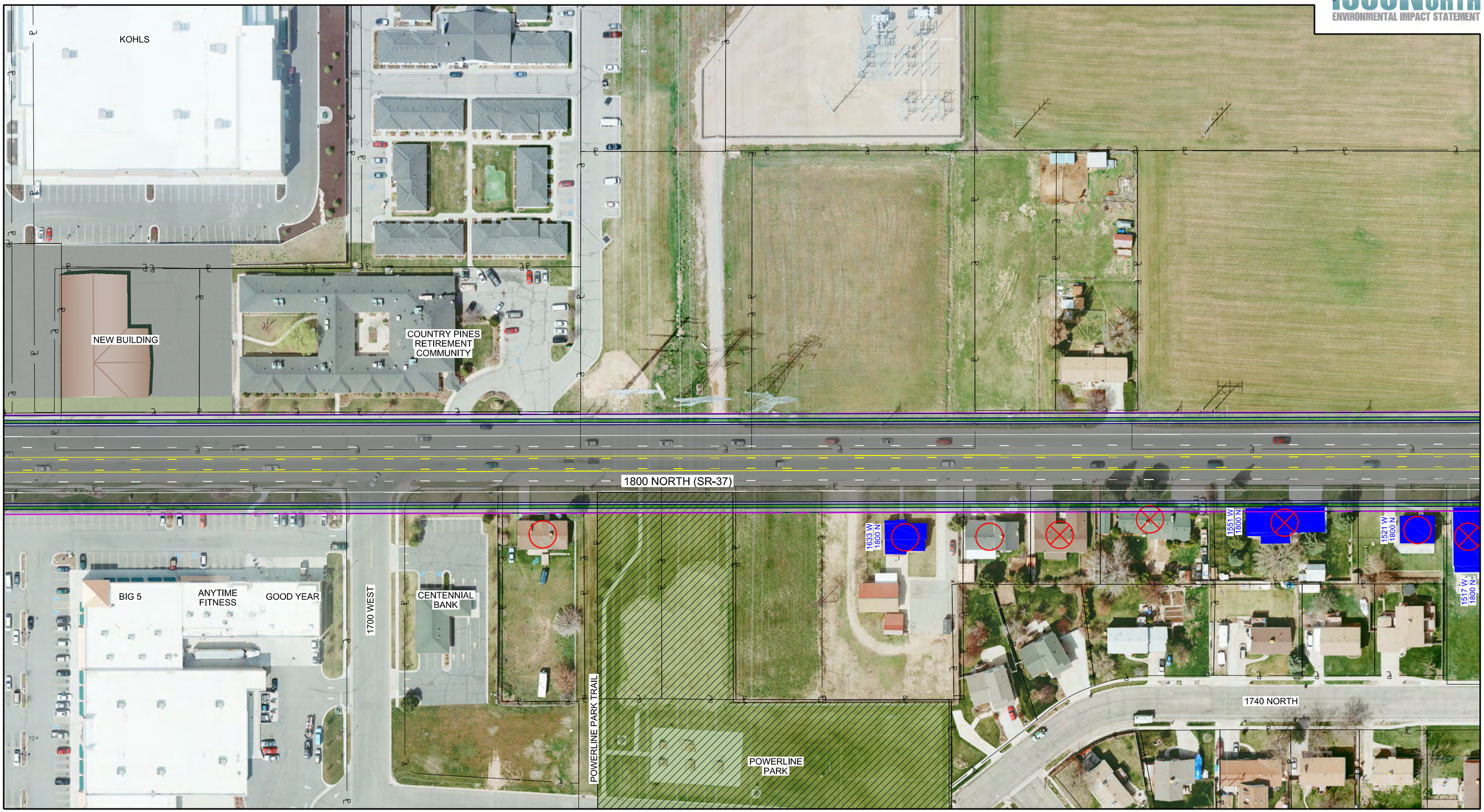

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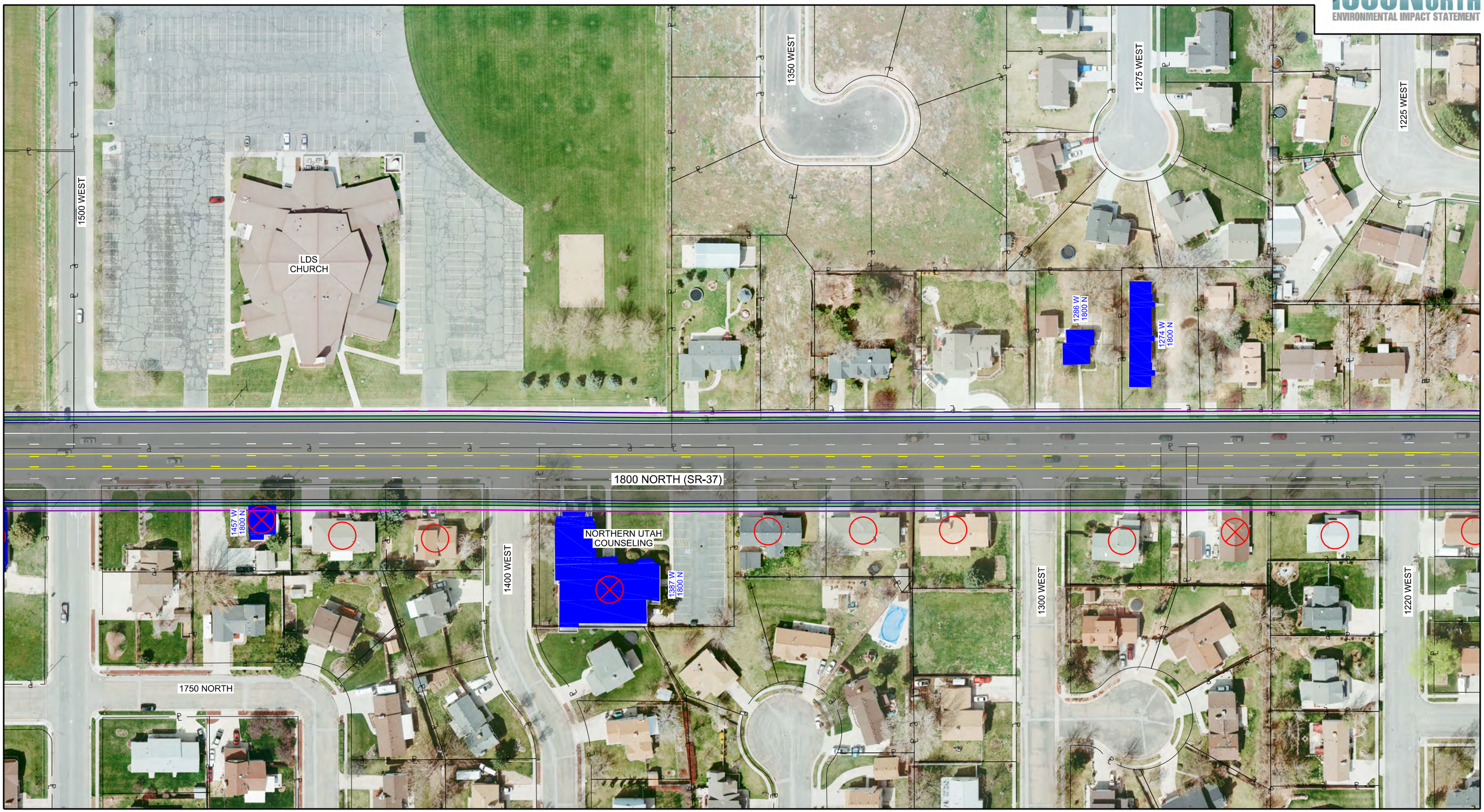

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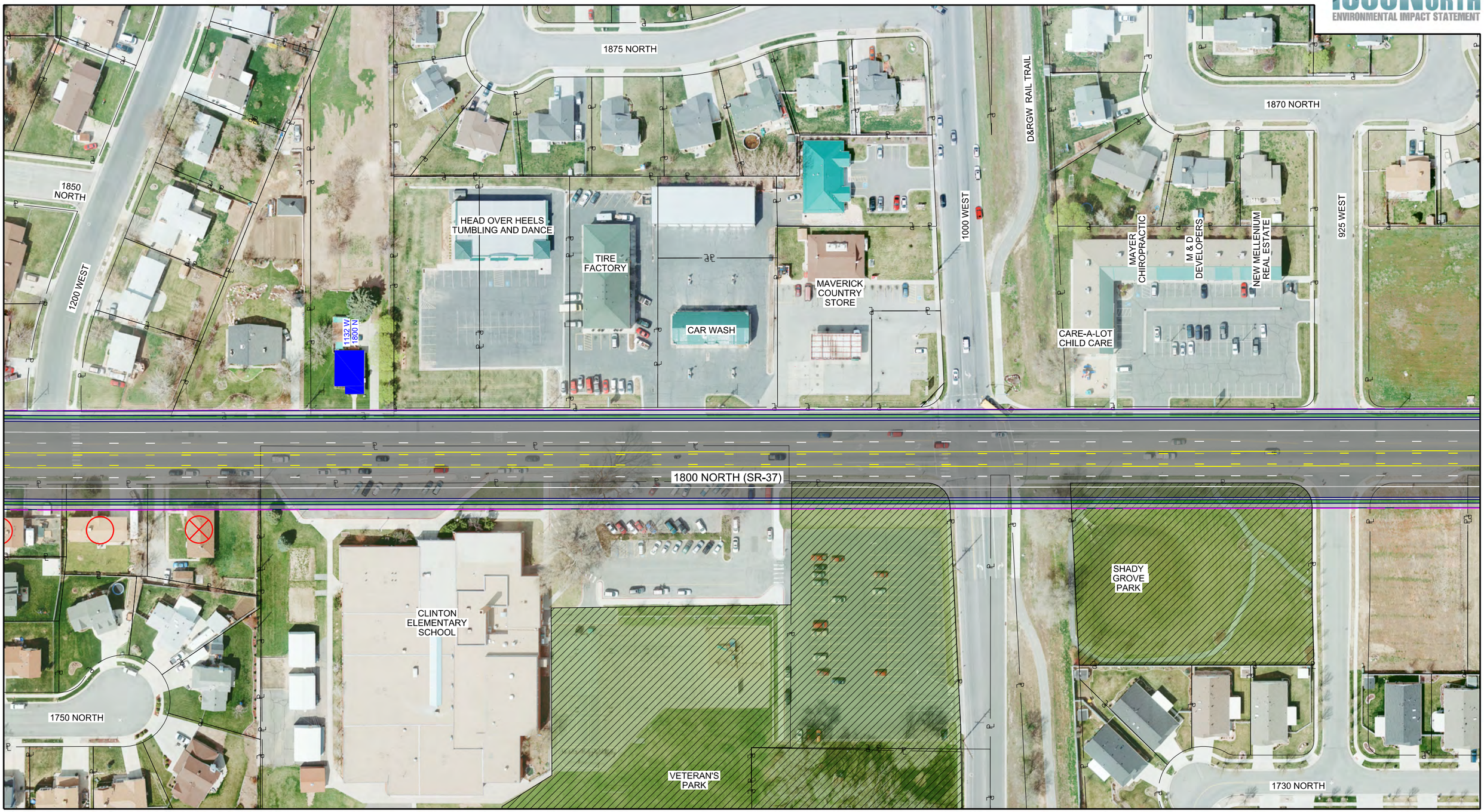

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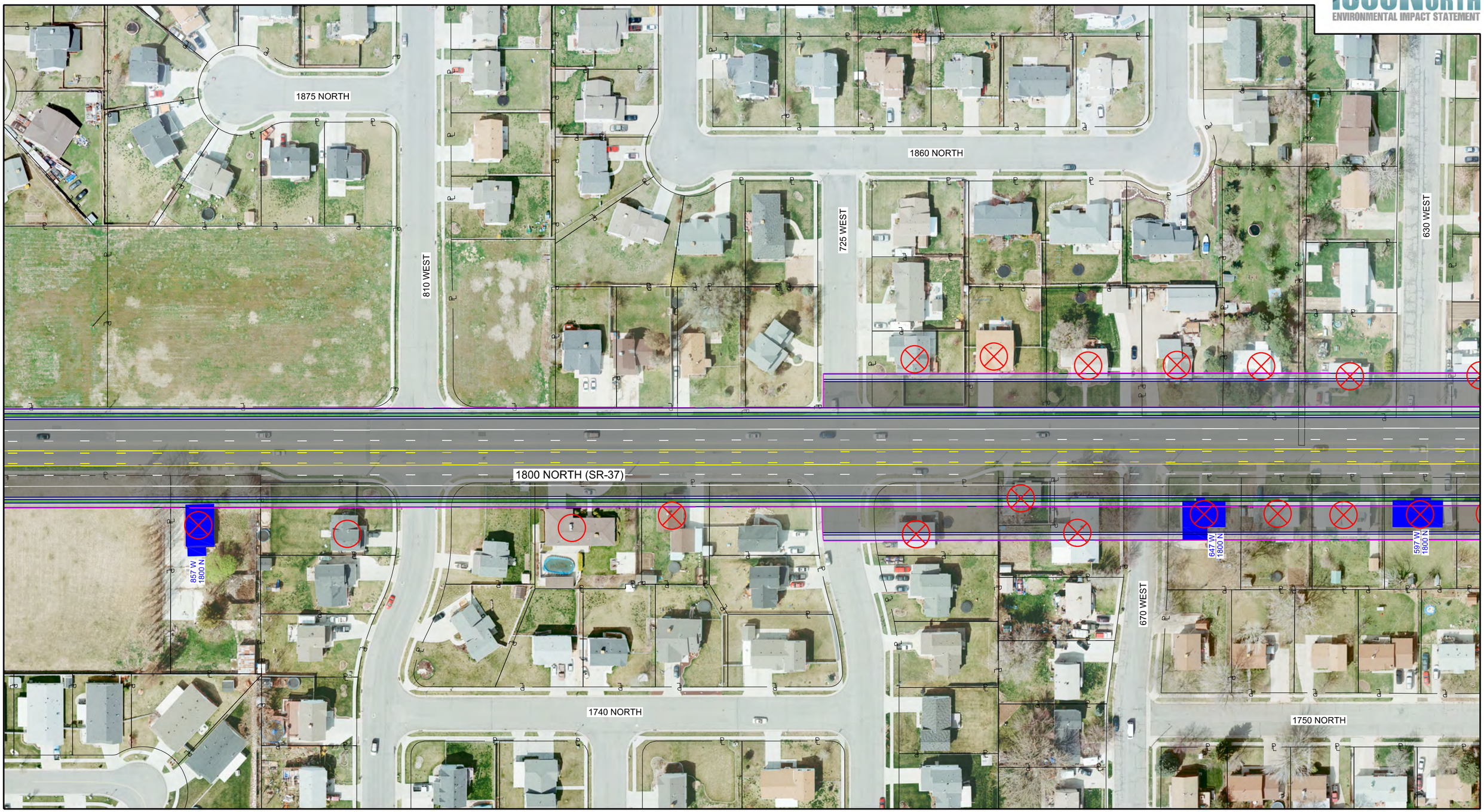

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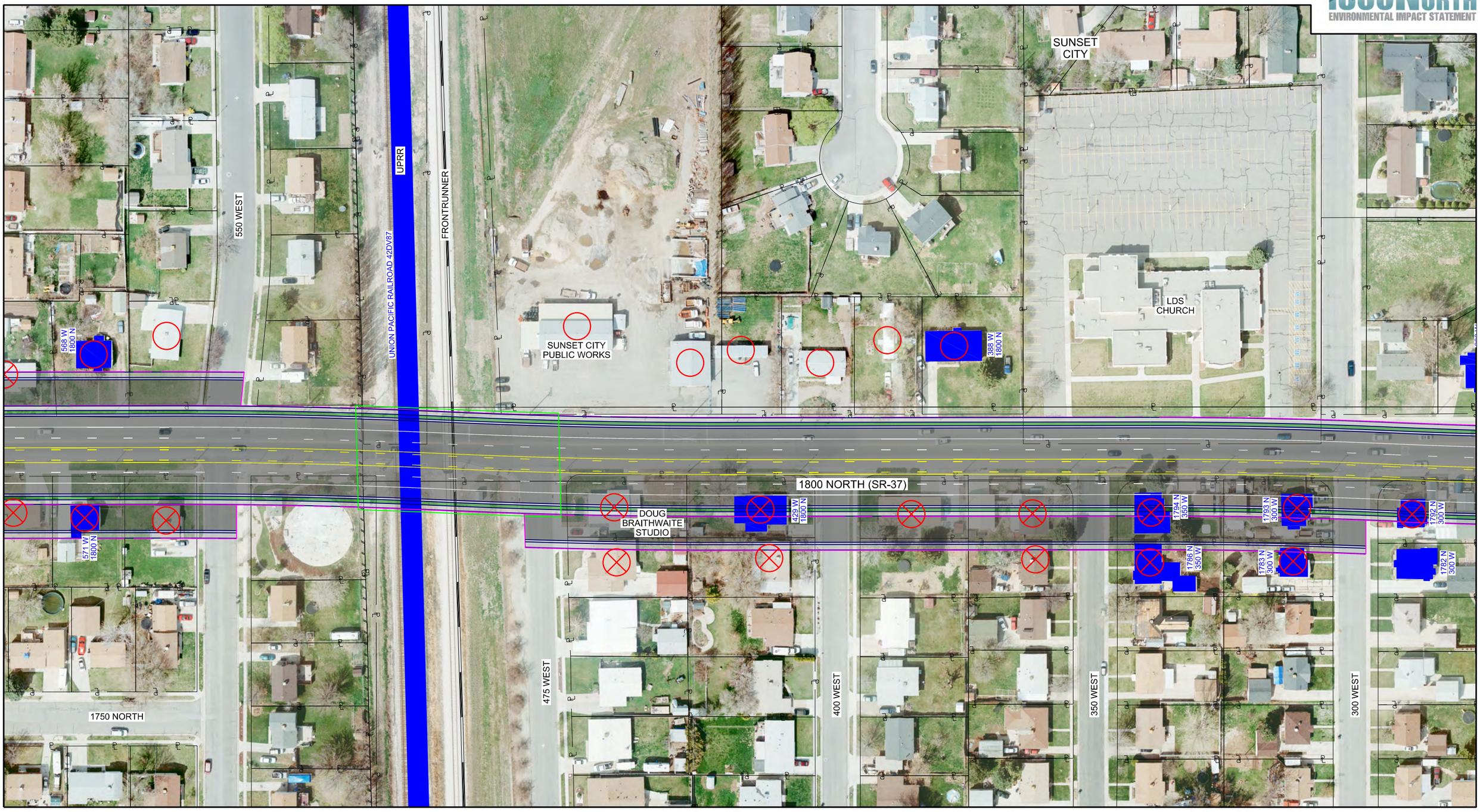

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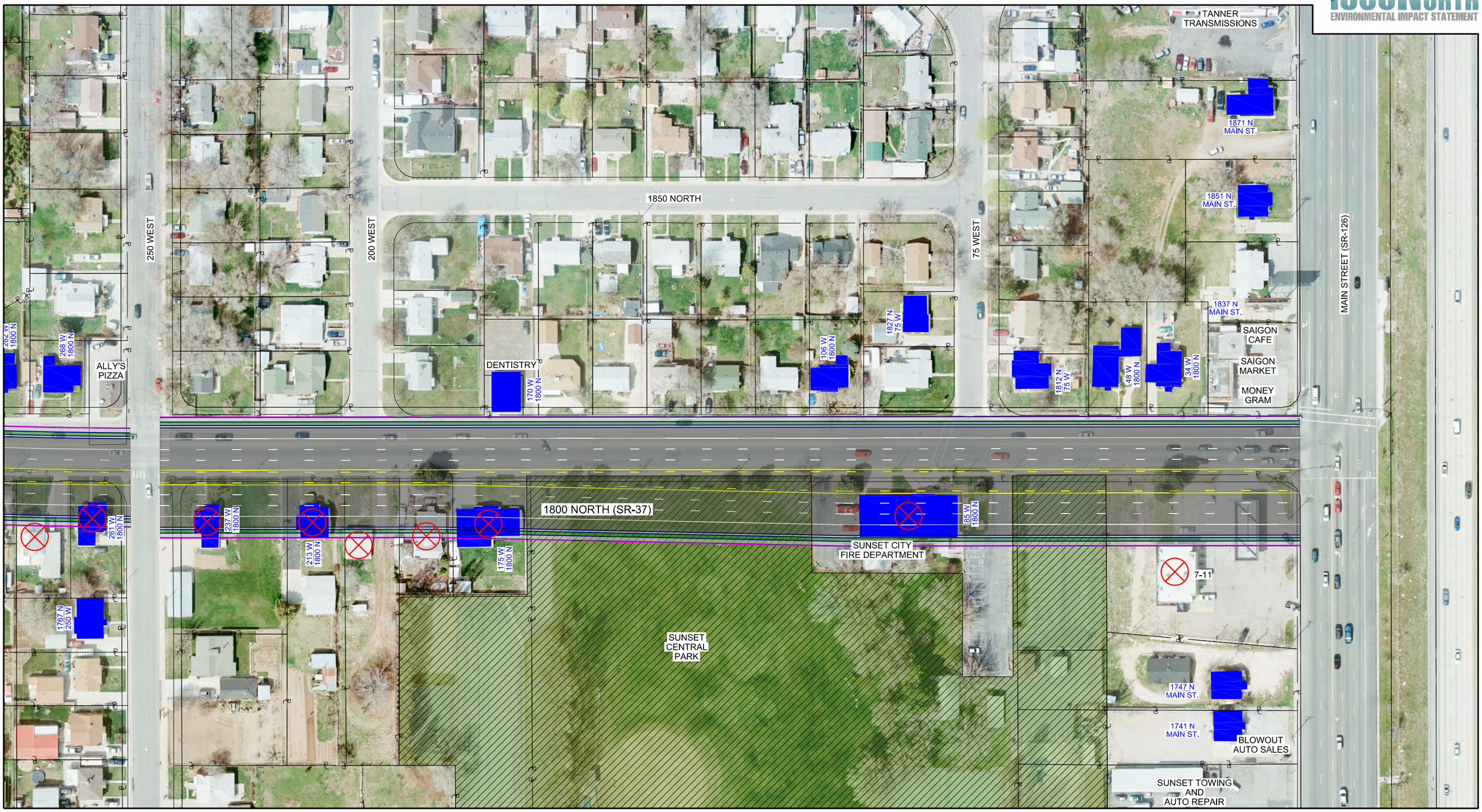

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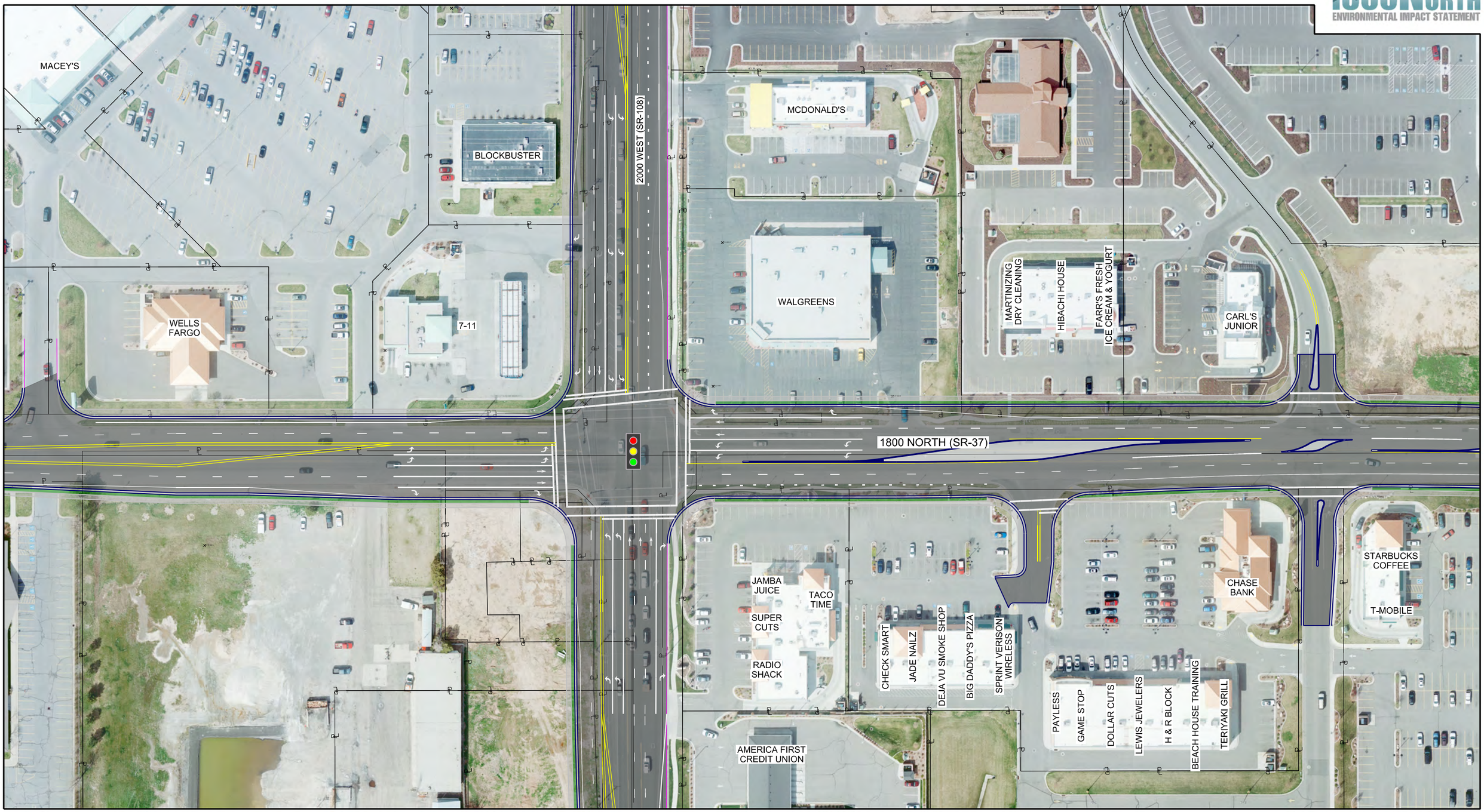

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MINIMIZATION ALIGNMENT 1 & MINIMIZATION ALIGNMENT 2

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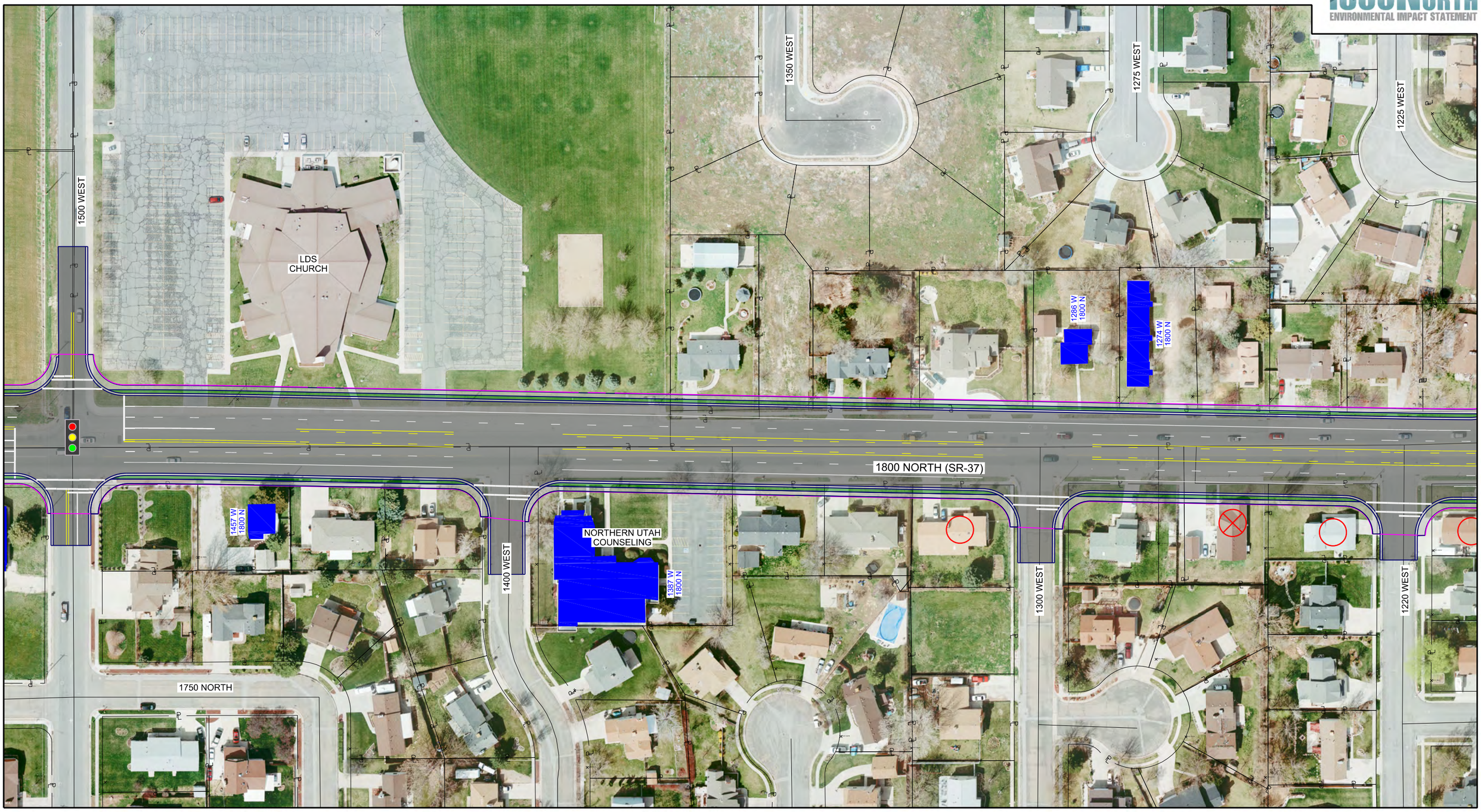
SHEET 2



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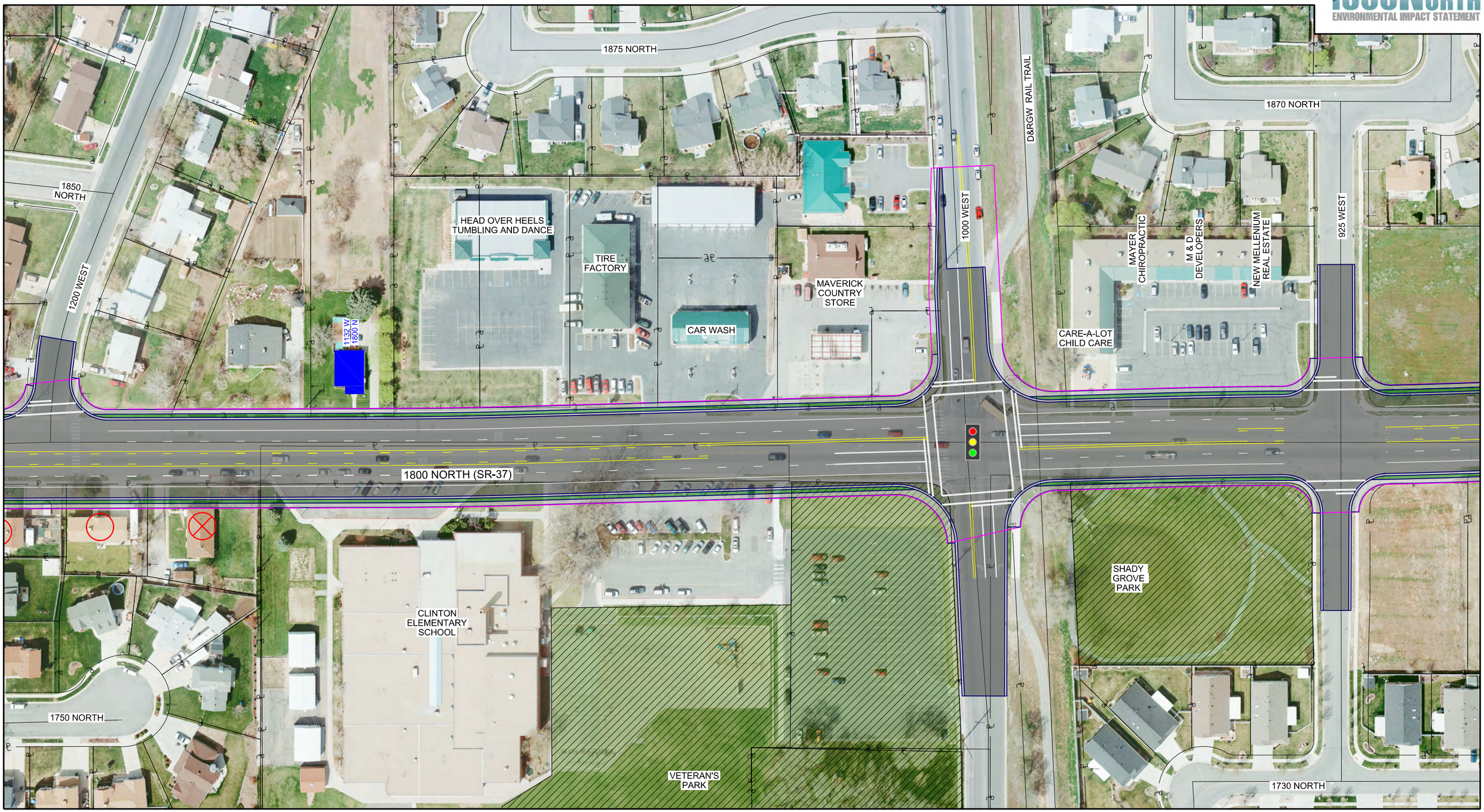

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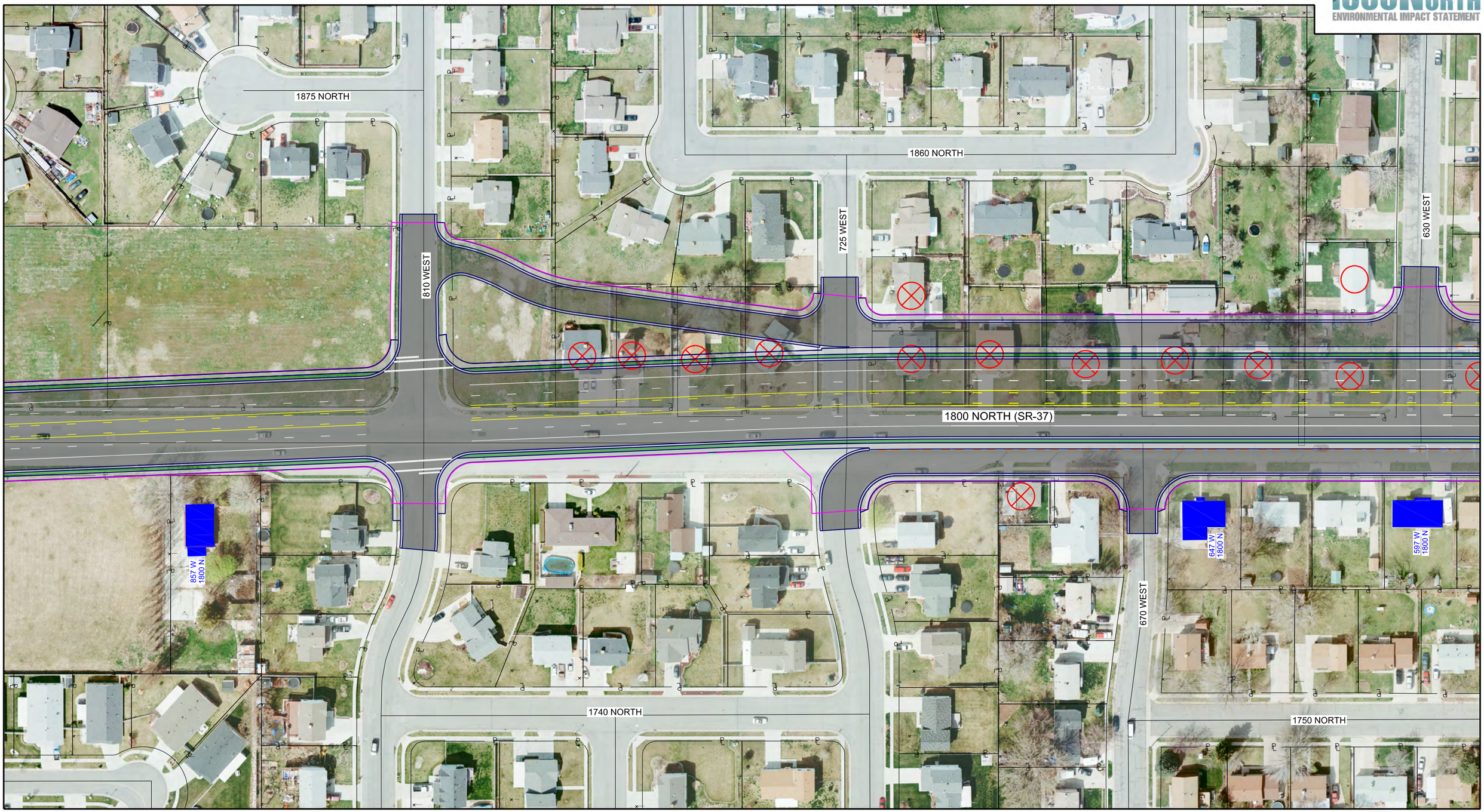

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MINIMIZATION ALIGNMENT 1 & MINIMIZATION ALIGNMENT 2

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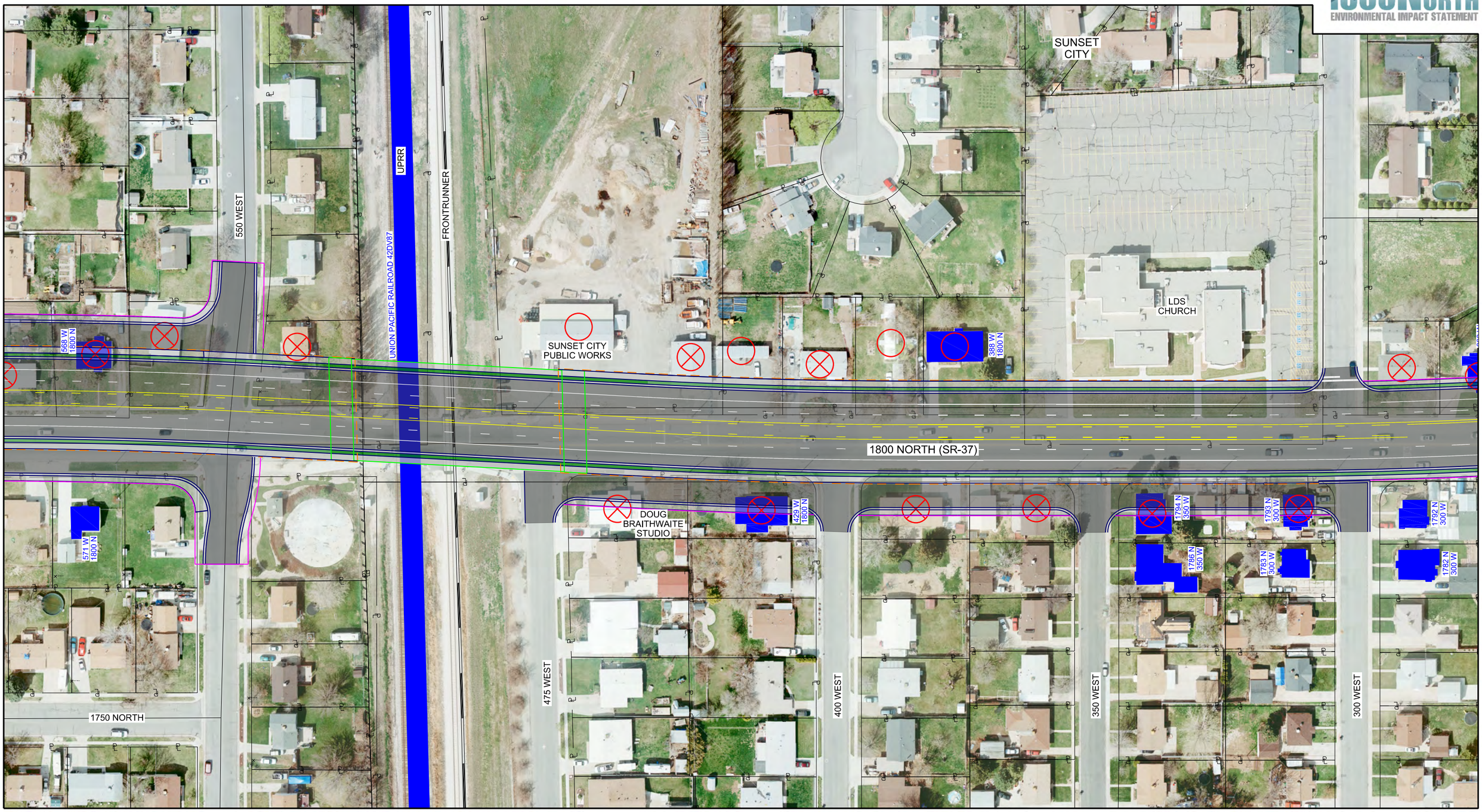

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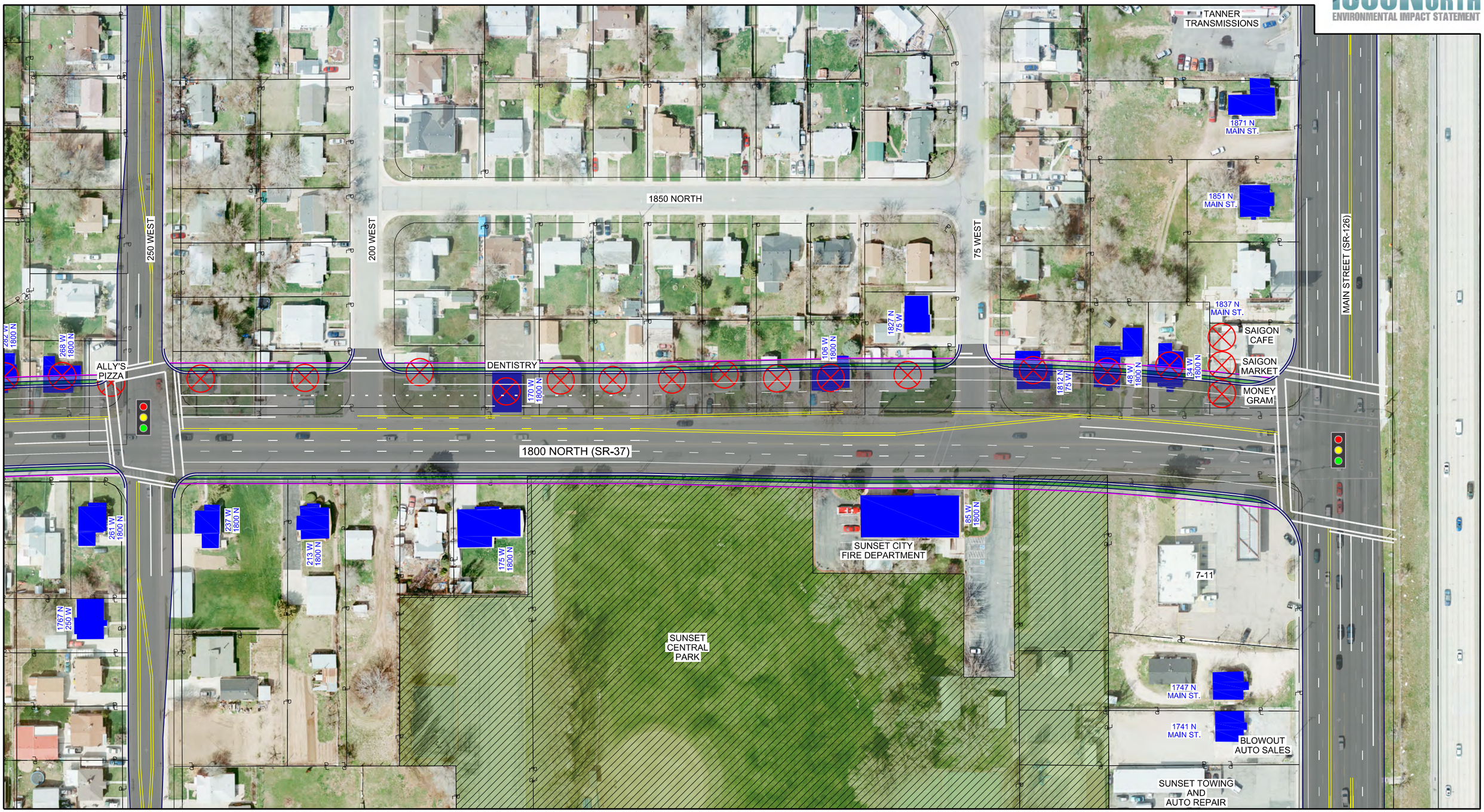

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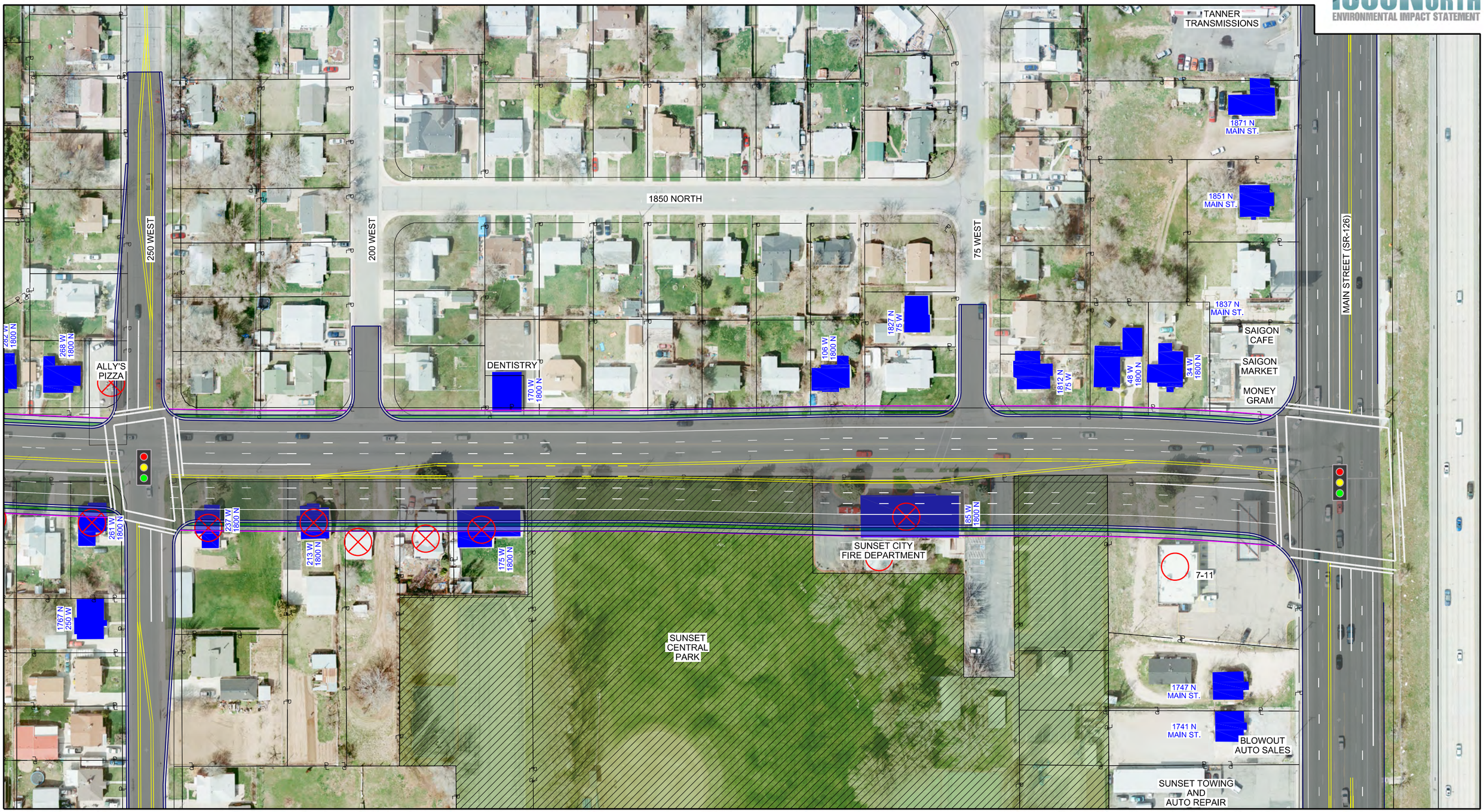
MINIMIZATION ALIGNMENT 2

SHEET 8



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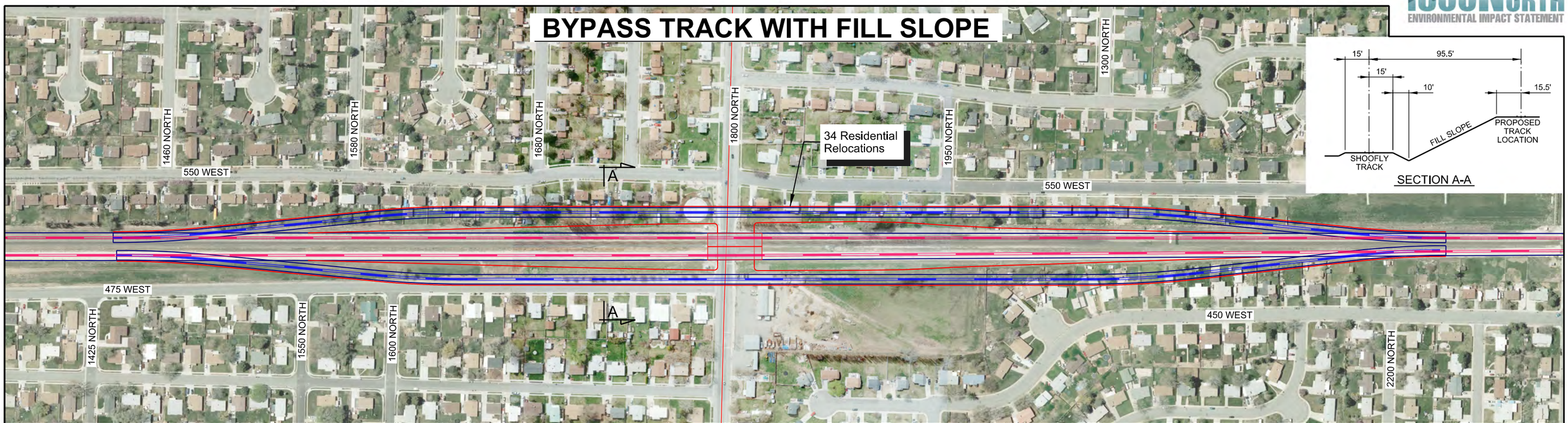
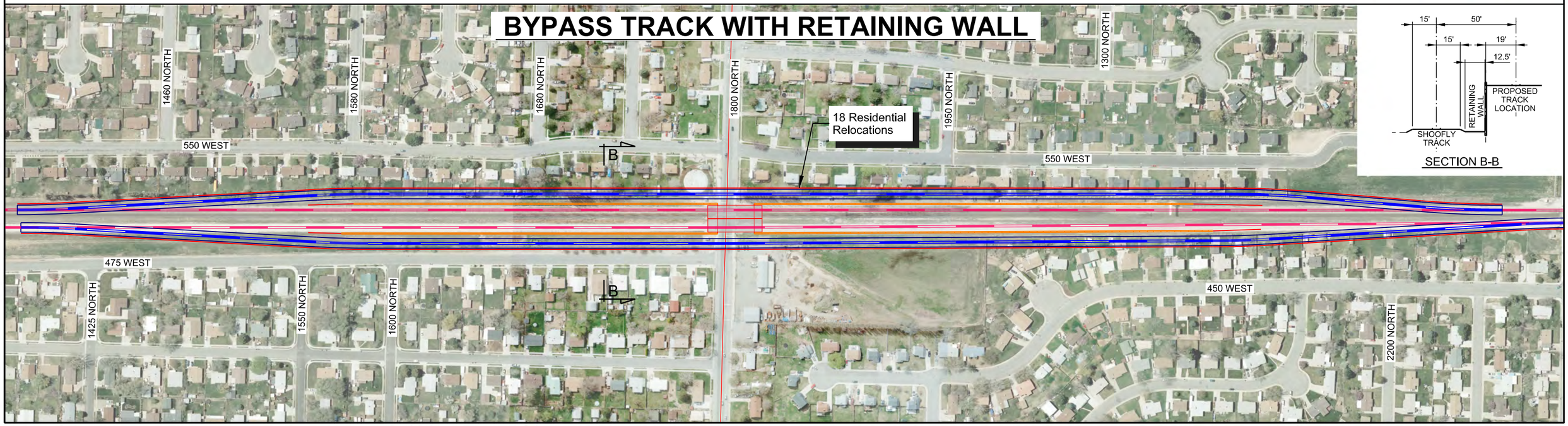
MINIMIZATION ALIGNMENT 2

SHEET 9

1800 NORTH RAILROAD GRADE-SEPARATION ALTERNATIVES

• RAILROAD BYPASS TRACK





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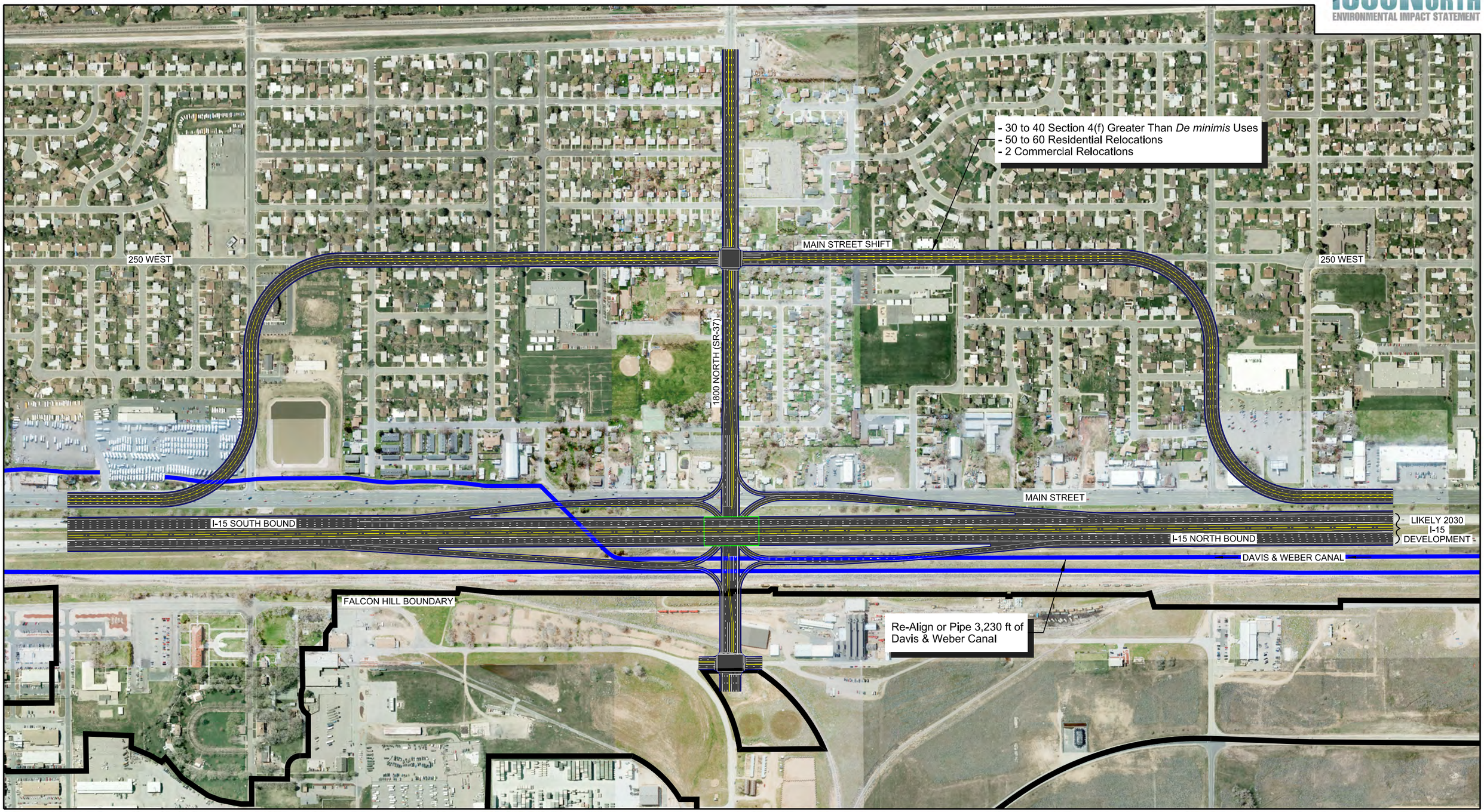
FEET

RAILROAD BYPASS TRACK

I800 NORTH INTERCHANGE ALTERNATIVES

- INTERCHANGE ALTERNATIVE 4A
- INTERCHANGE ALTERNATIVE 5A
- INTERCHANGE ALTERNATIVE 5B
- INTERCHANGE ALTERNATIVE 8A
- INTERCHANGE ALTERNATIVE 8D
- INTERCHANGE ALTERNATIVE I5



N

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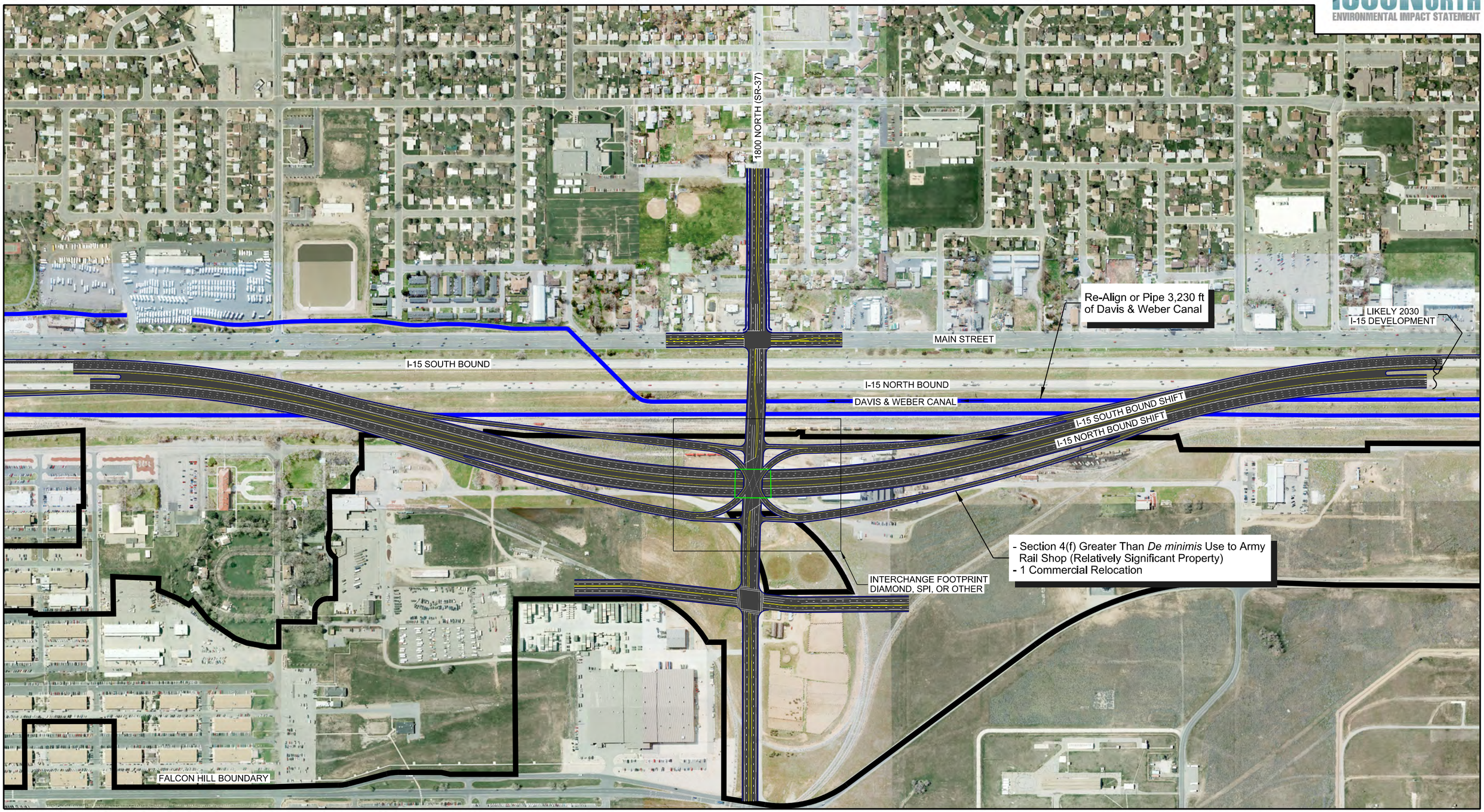
FEET

INTERCHANGE ALTERNATIVE 4A



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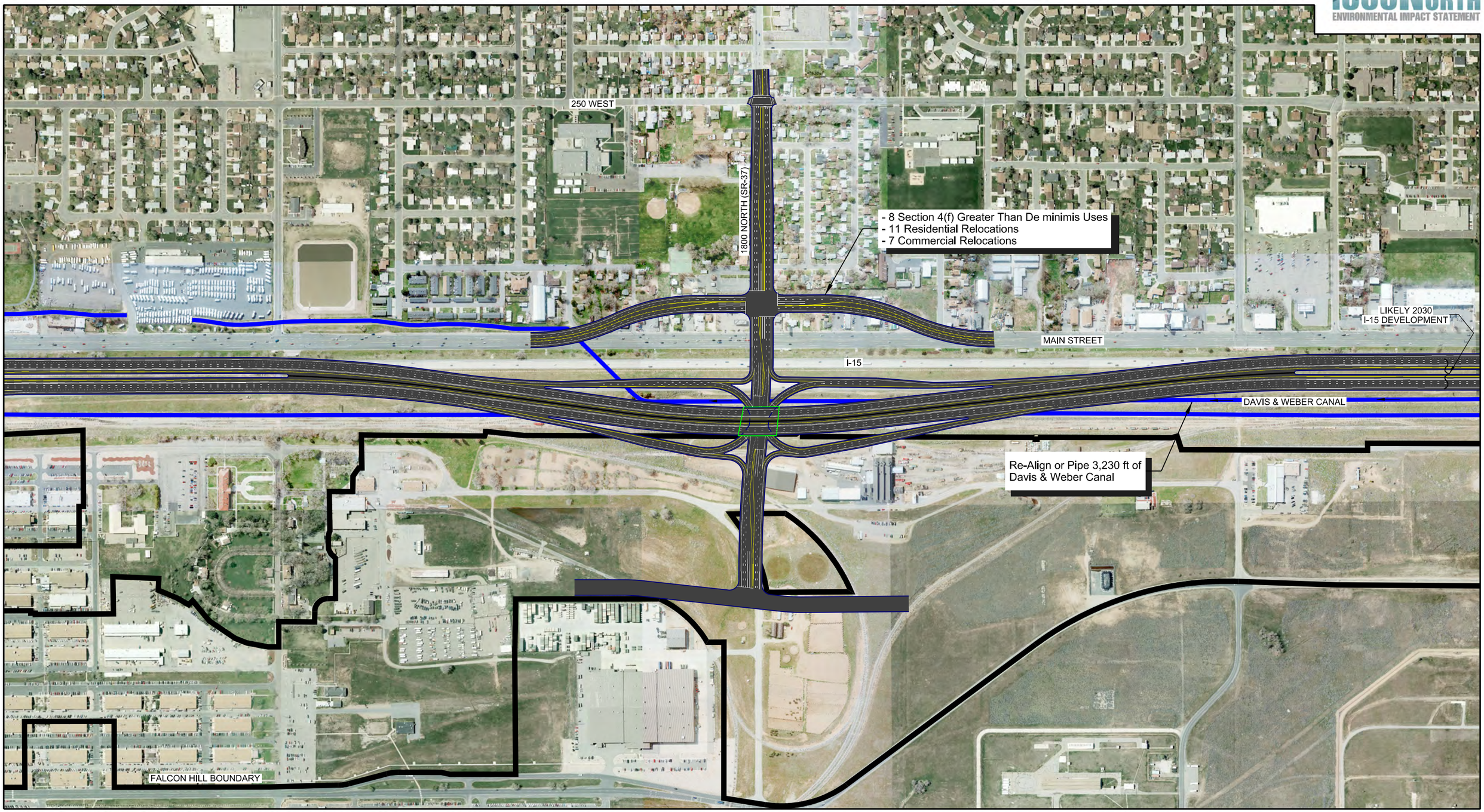
FEET

INTERCHANGE ALTERNATIVE 5A



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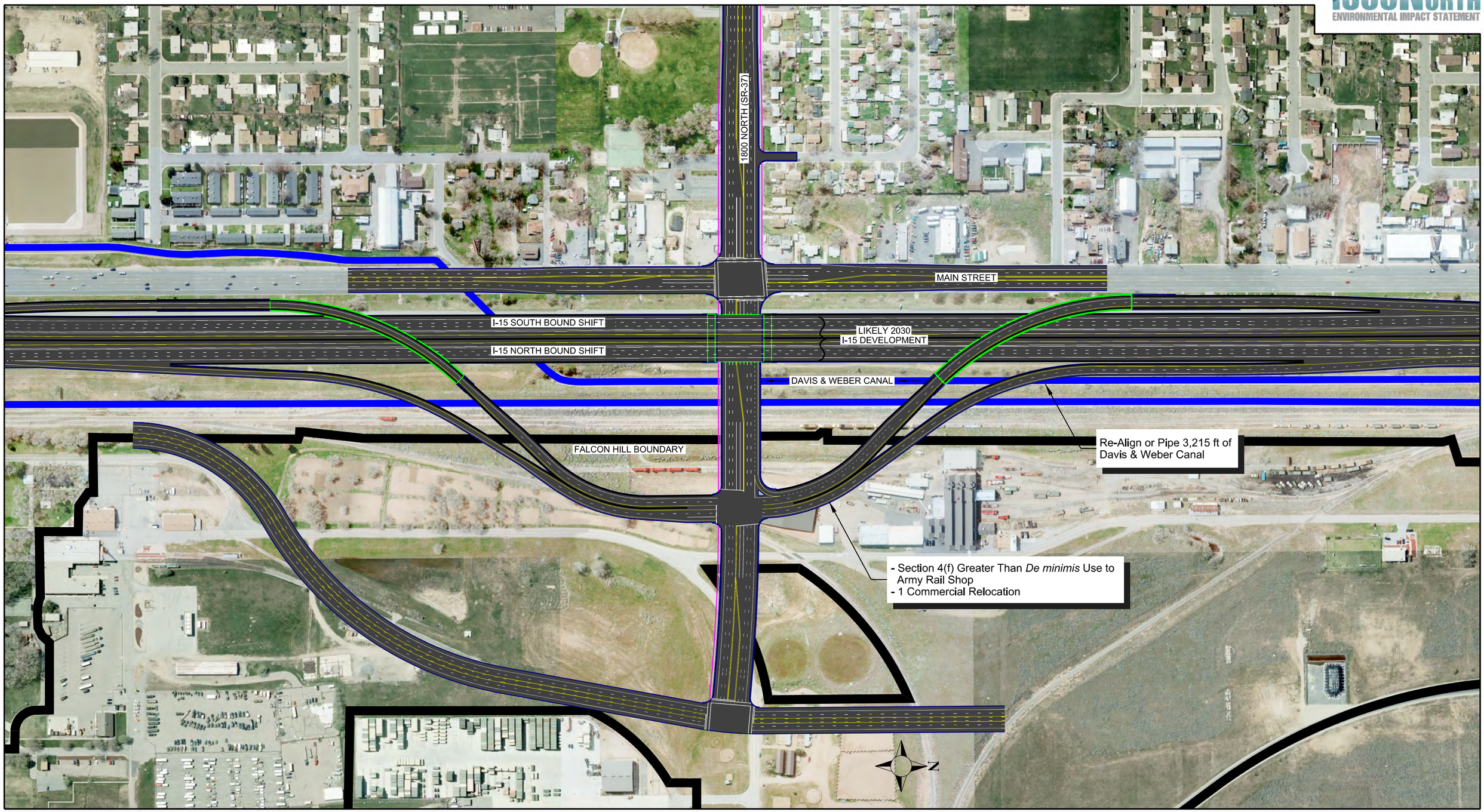
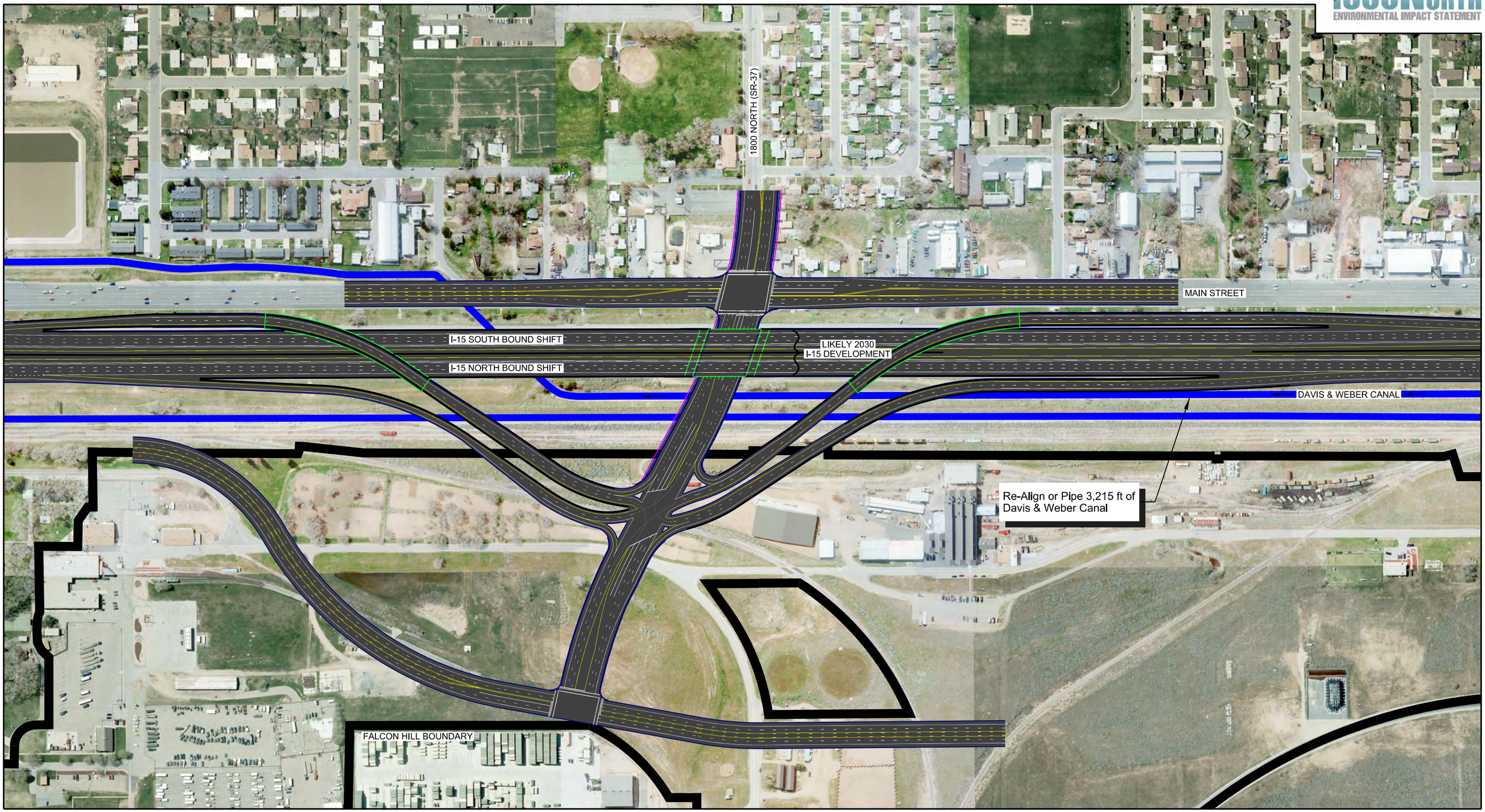
FEET

INTERCHANGE ALTERNATIVE 5B



0 150 300 600
FEET

INTERCHANGE ALTERNATIVE 8A



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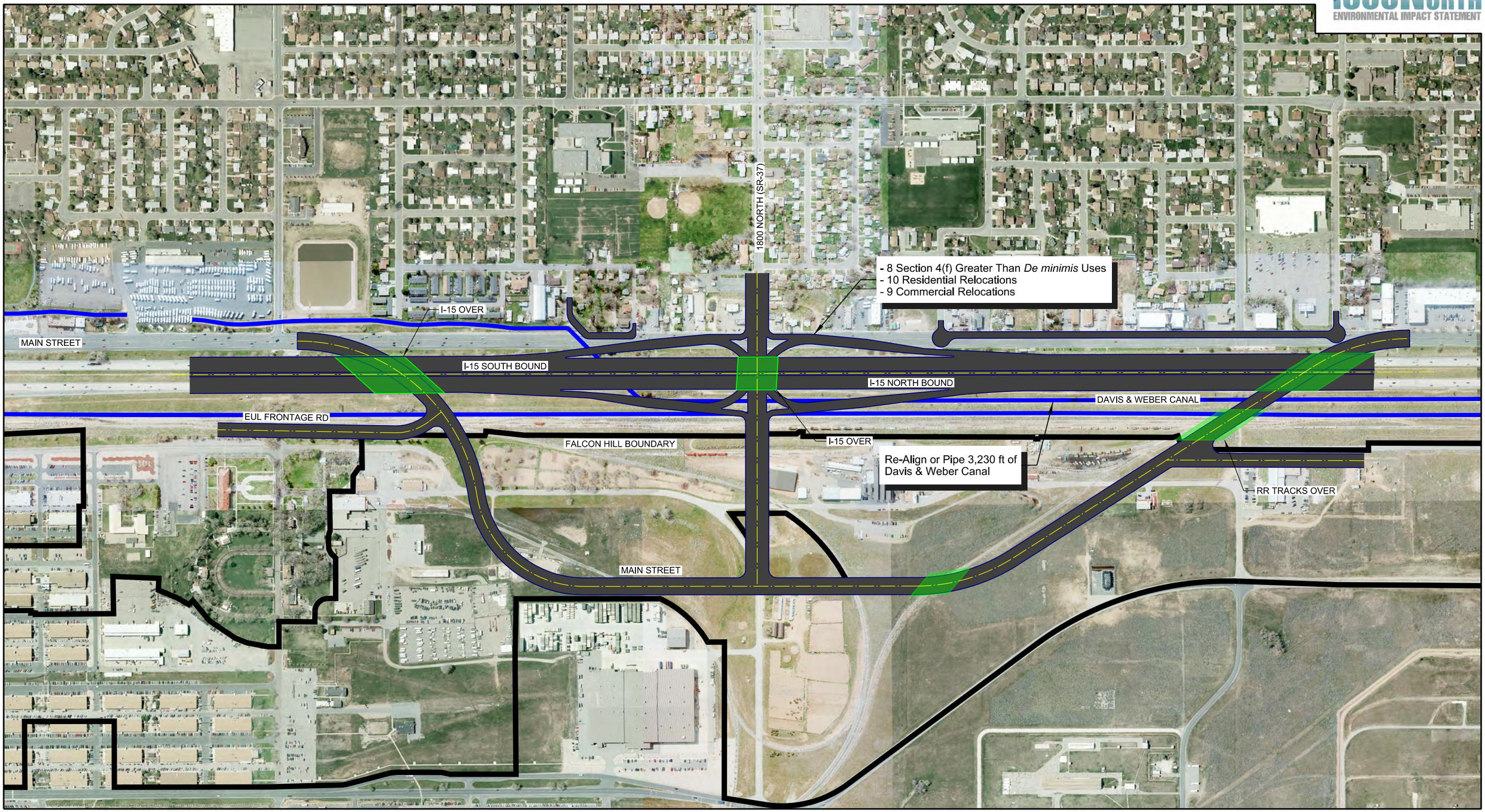
INTERCHANGE ALTERNATIVE 8D



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0 250 500 1000
FEET

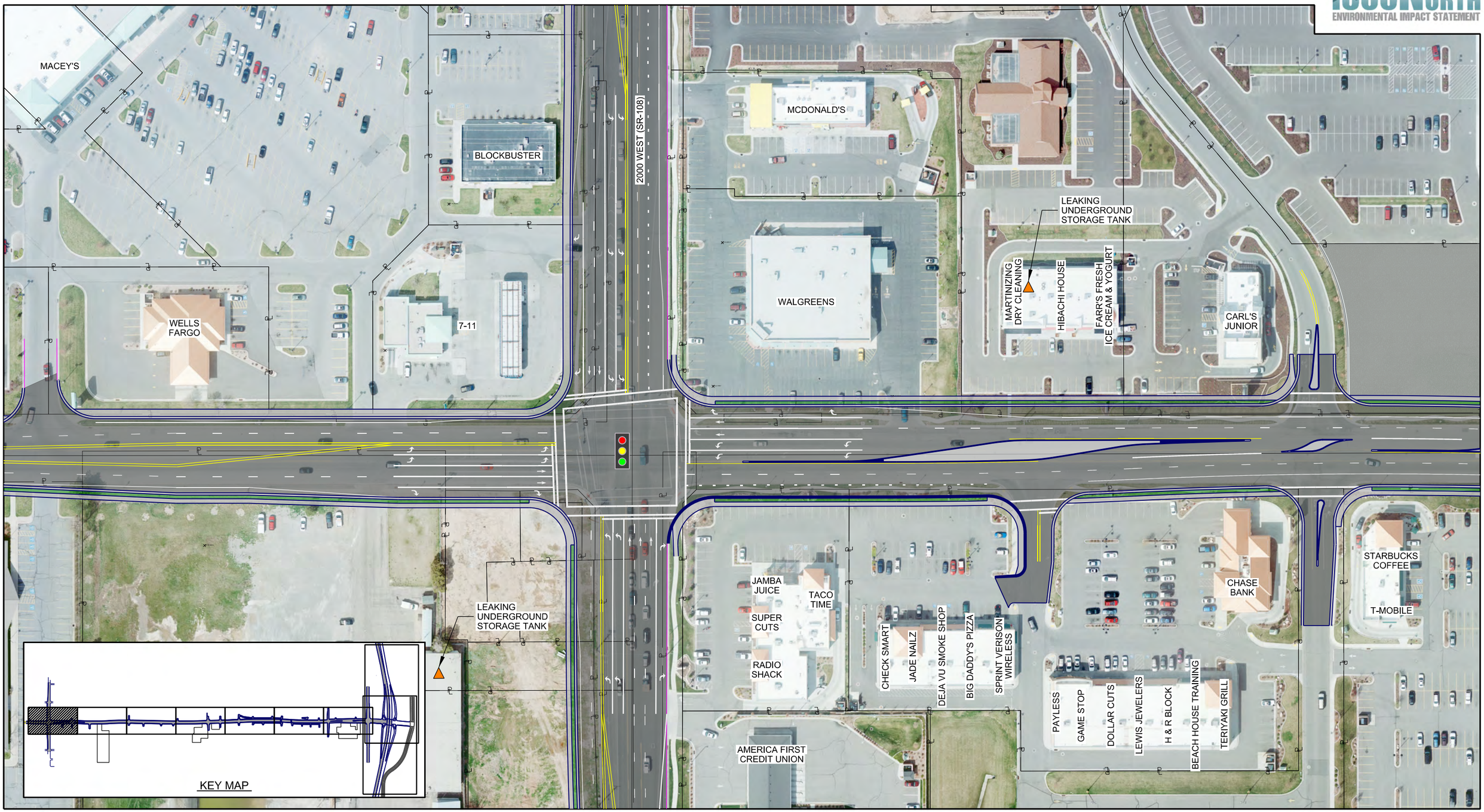
INTERCHANGE ALTERNATIVE 15

CHAPTER 3 FIGURES

- ALTERNATIVES SELECTED FOR DETAILED STUDY

ALTERNATIVES SELECTED FOR DETAILED STUDY

- 1800 NORTH ALTERNATIVE A
- 1800 NORTH ALTERNATIVE B
- 1800 NORTH ALTERNATIVE C
- 1800 NORTH ALTERNATIVE D
- 1800 NORTH ALTERNATIVE E
- 1800 NORTH ALTERNATIVE F



LEGEND:

- SECTION 4(f) RESOURCE - STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

- SIGNALIZED INTERSECTION
- NOISE IMPACTS (≥ 66 DBA RESIDENCE ≥ 71 DBA BUSINESS)
- NOISE MEASUREMENT SITES

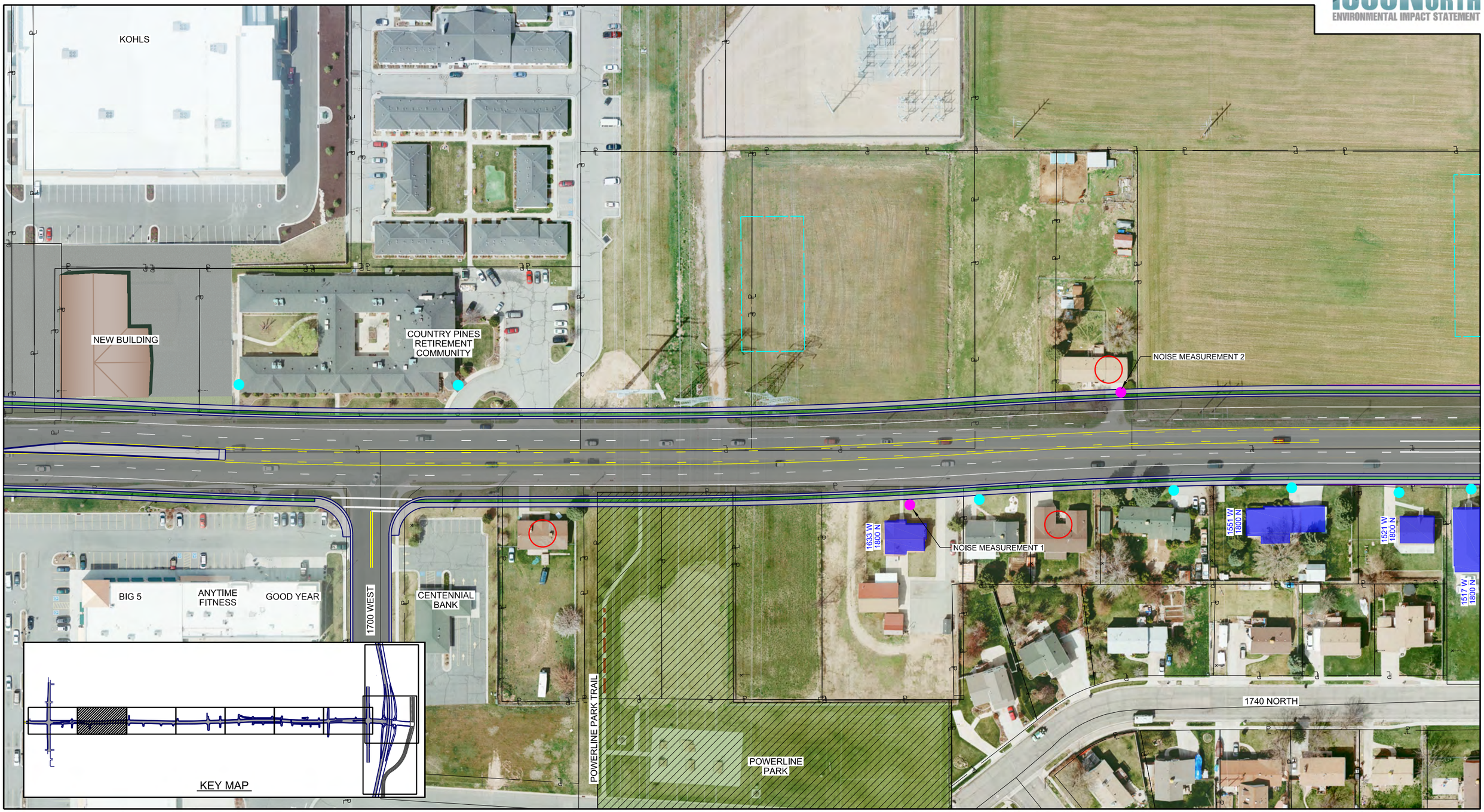
- HAZARDOUS WASTE (MODERATE TO HIGH POTENTIAL CONTAMINATION)
- POTENTIAL DETENTION BASINS
- HILL AIRFORCE BASE GROUNDWATER PLUMES
- ARSENIC CONTAMINATED SOIL

N

0 50 100 200
FEET

1800 NORTH ALTERNATIVES A-F

SHEET 1



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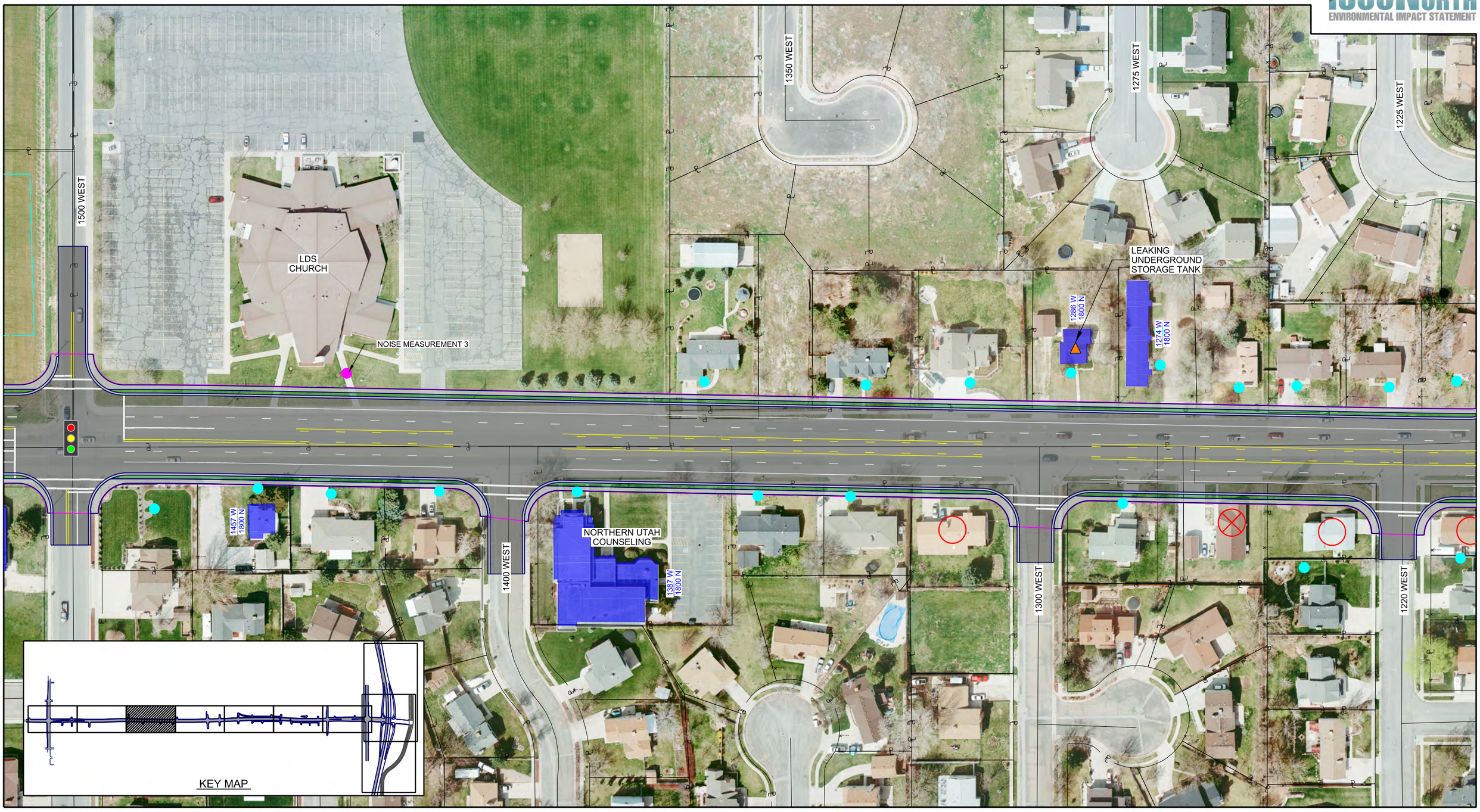
N

0 50 100 200
FEET

1800 NORTH ALTERNATIVES A-F

SHEET 2



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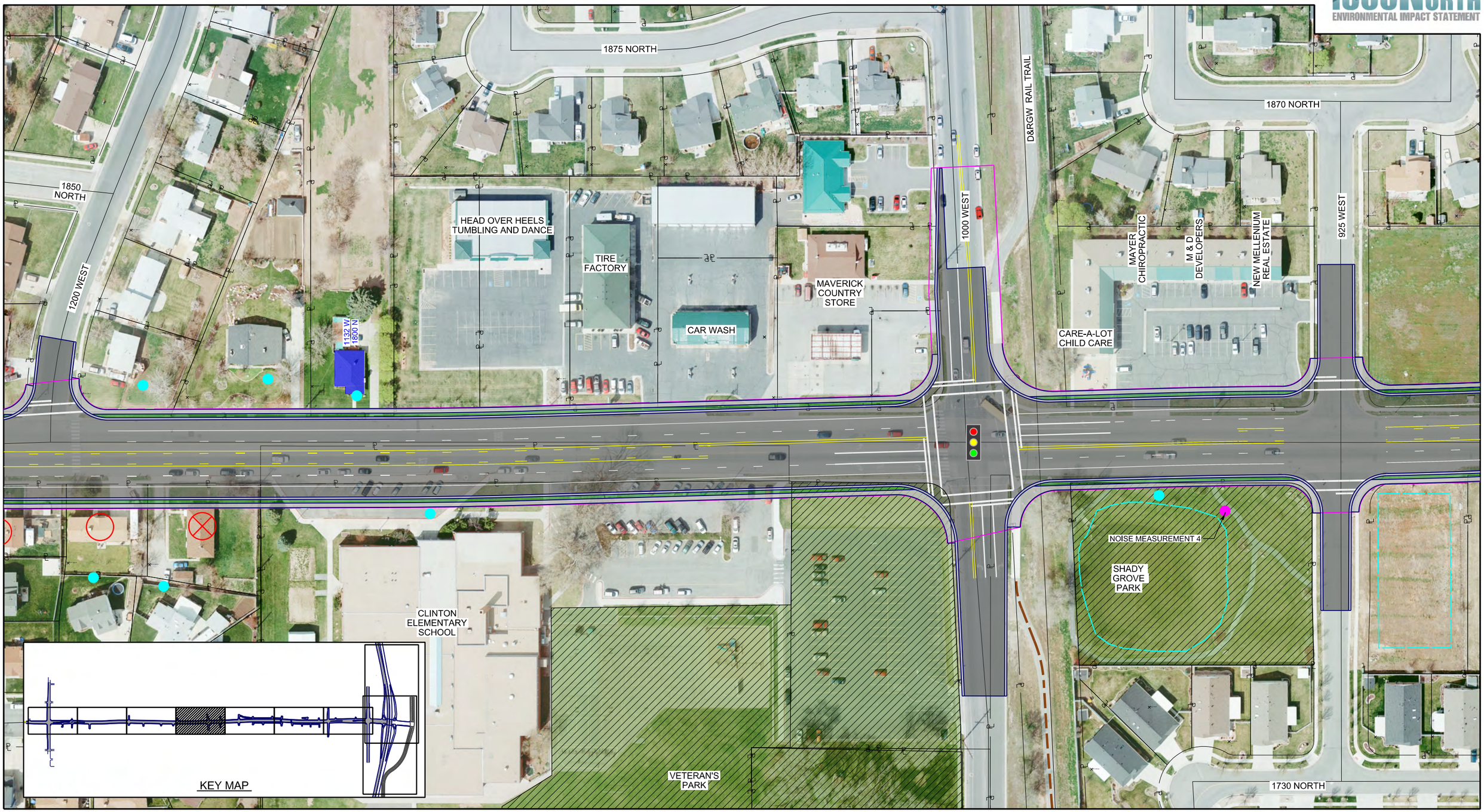
N

0 50 100 200
FEET

1800 NORTH ALTERNATIVES A-F

SHEET 3



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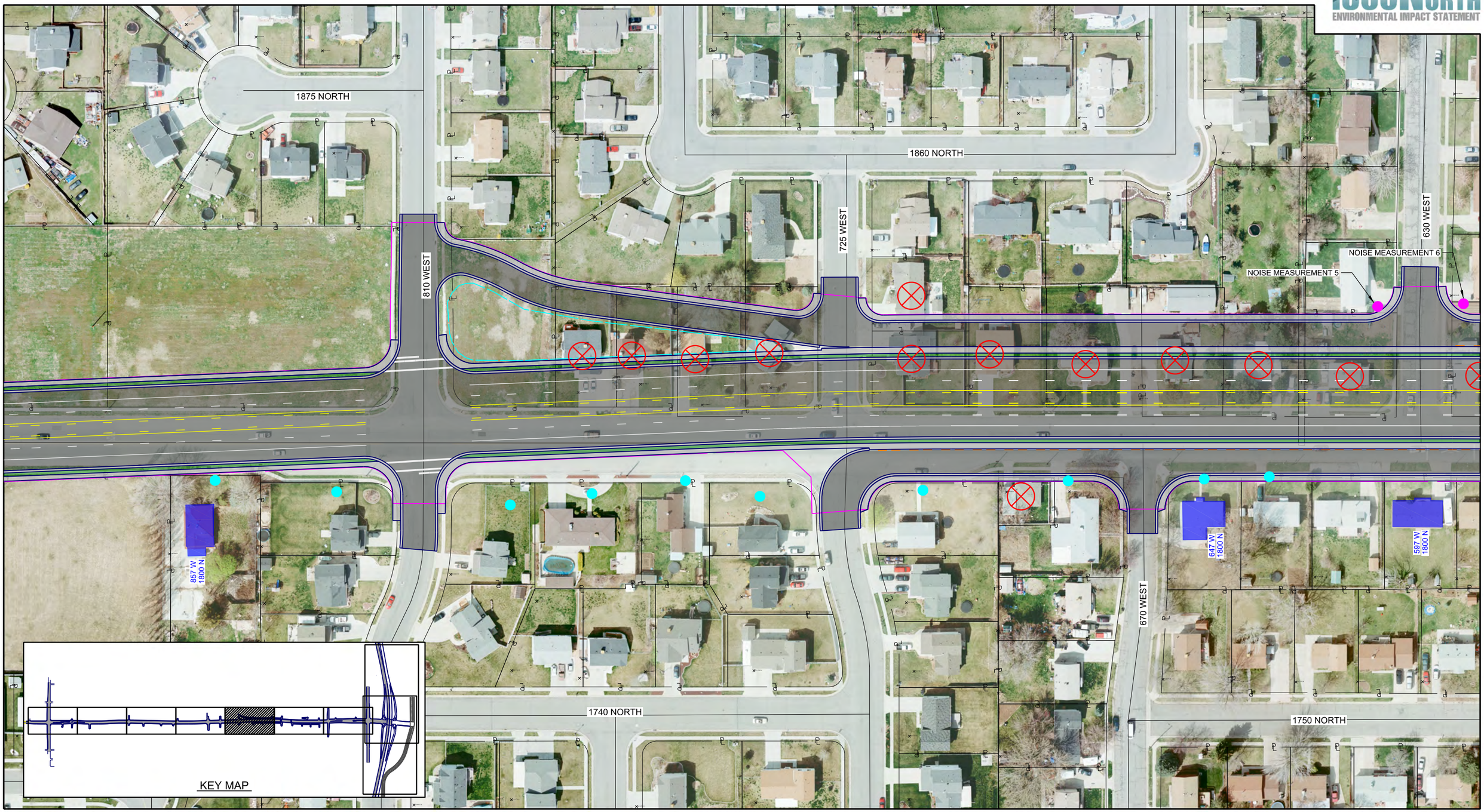
N

0 50 100 200
FEET

1800 NORTH ALTERNATIVES A-F

SHEET 4



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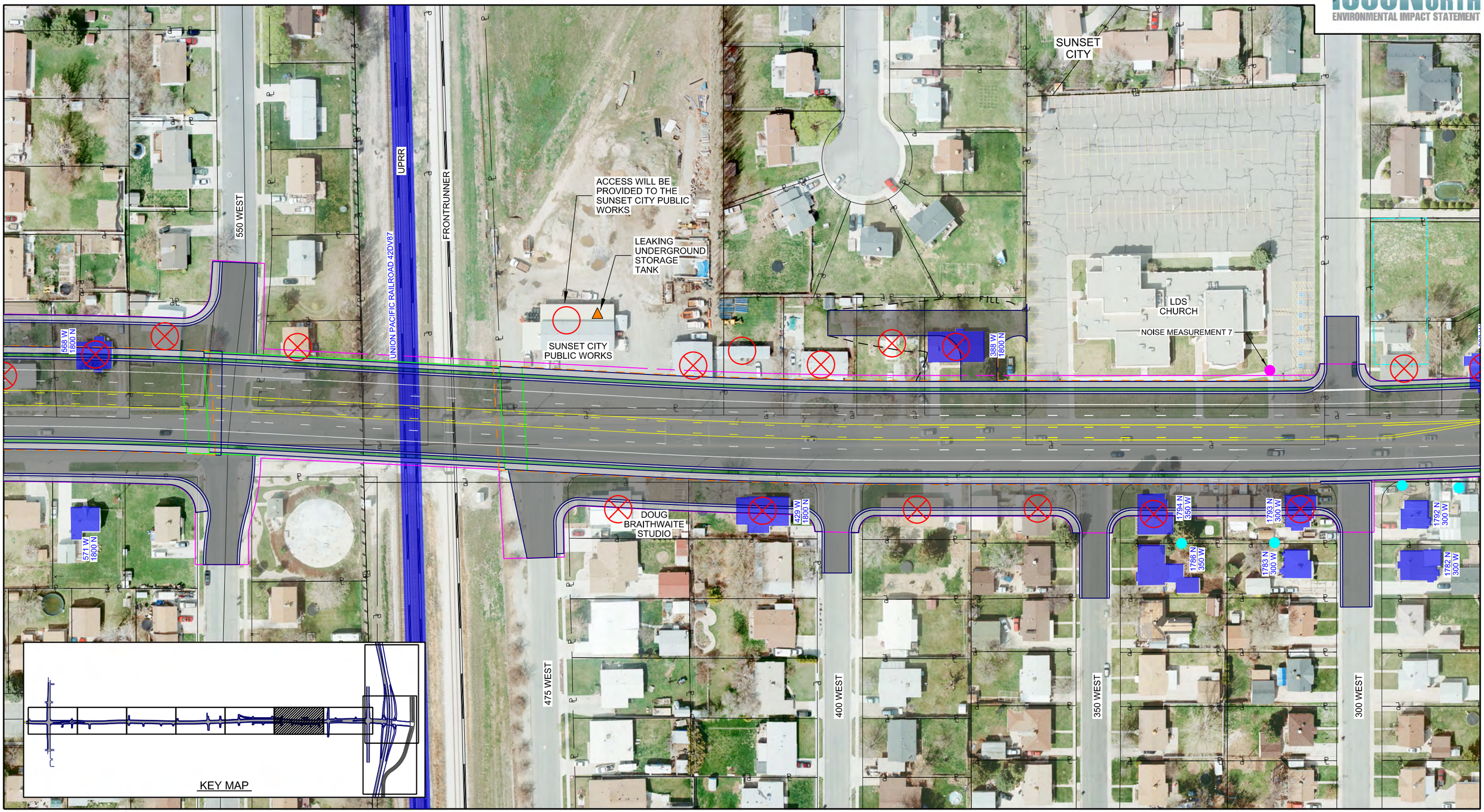
N

0 50 100 200
FEET

1800 NORTH ALTERNATIVES A-F

SHEET 5



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N

0 50 100 200
FEET

1800 NORTH ALTERNATIVE A

SHEET 6

LEGEND:

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- SECTION 4(f) RESOURCE - TRAIL

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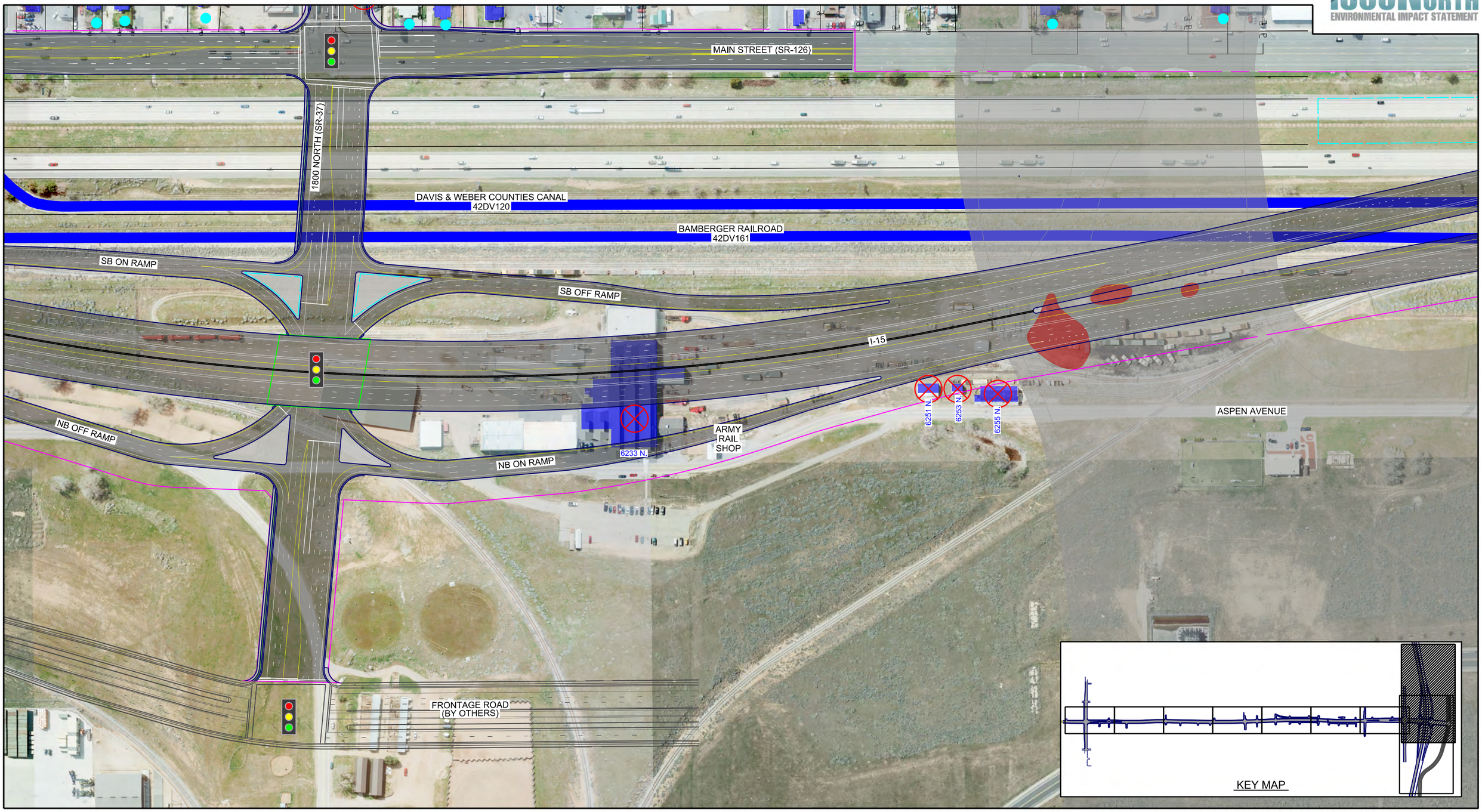
N

0 50 100 200
FEET

1800 NORTH ALTERNATIVE A

SHEET 7



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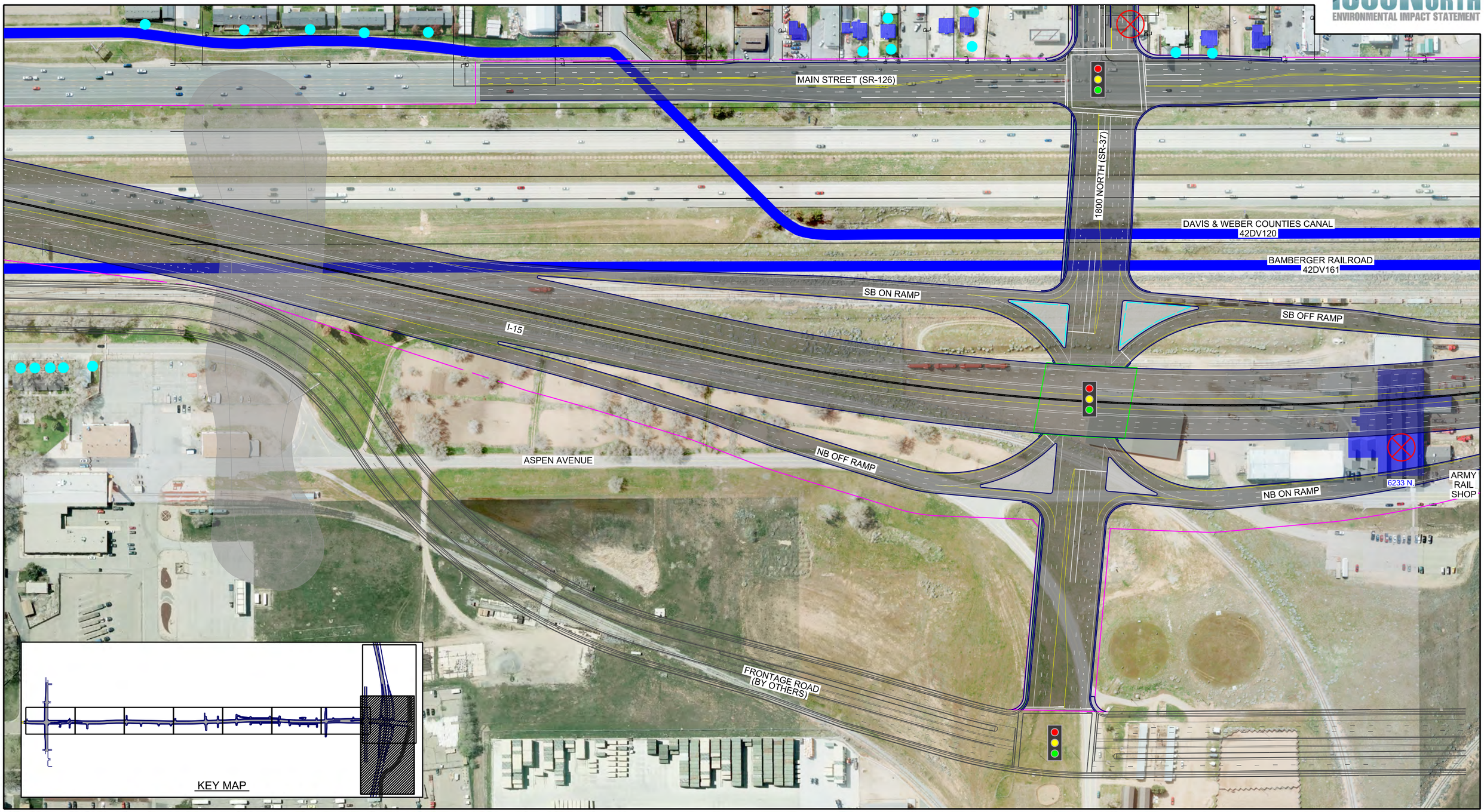
N

0 100 200 400
FEET

1800 NORTH ALTERNATIVE A

SHEET 8



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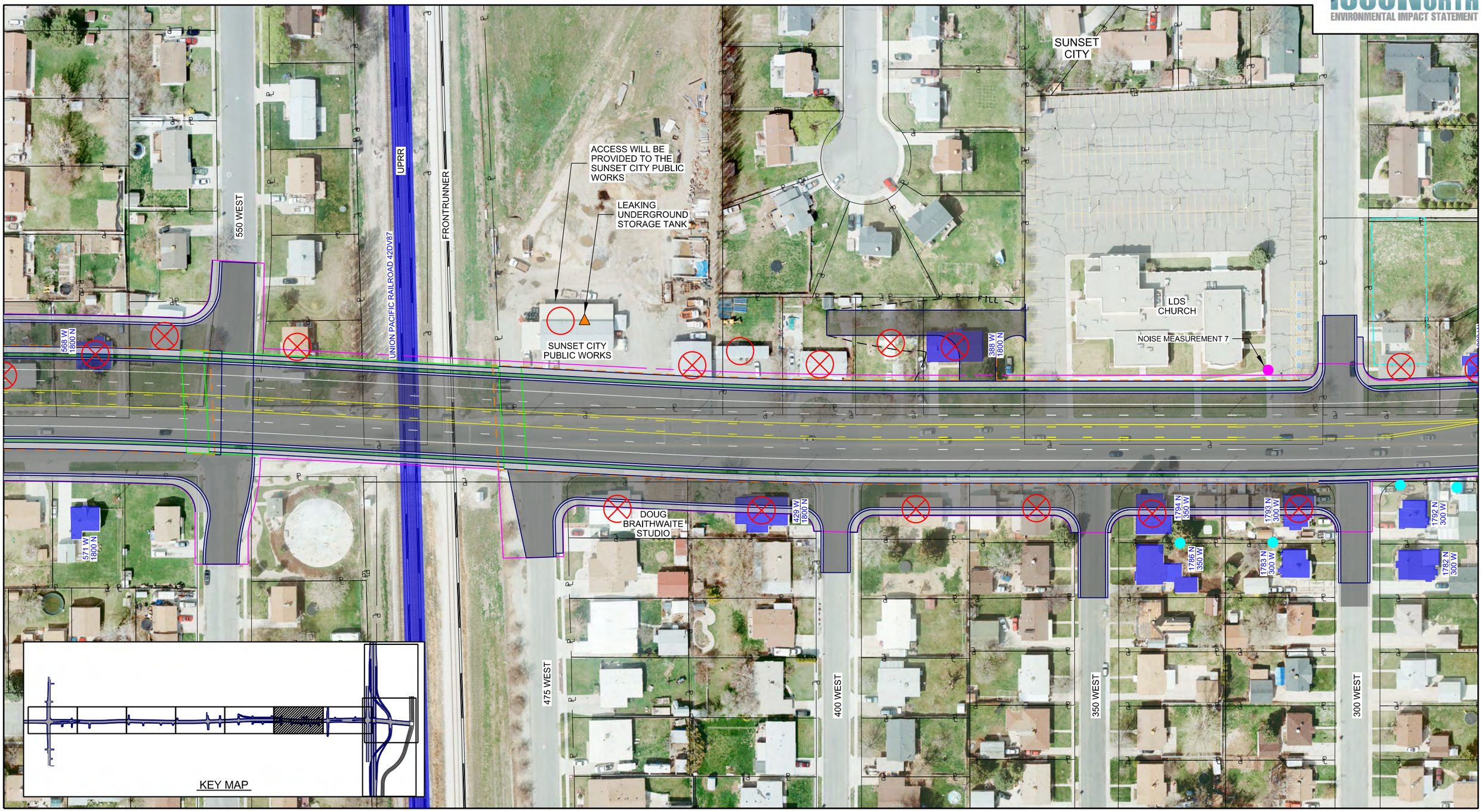
N

0 100 200 400
FEET

1800 NORTH ALTERNATIVE A

SHEET 9



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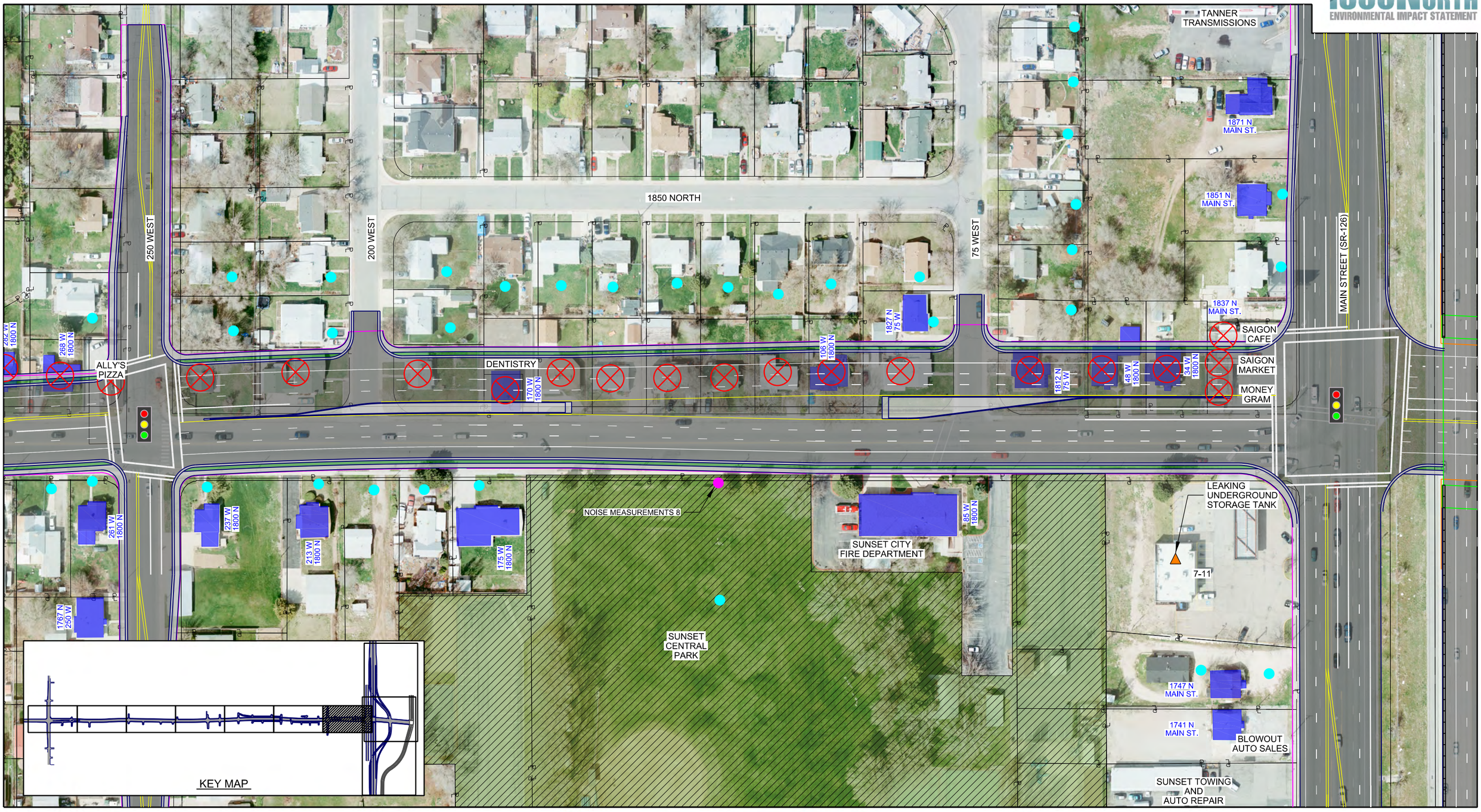
N

0 50 100 200
FEET

1800 NORTH ALTERNATIVE B

SHEET 10



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N

0 50 100 200
FEET

1800 NORTH ALTERNATIVE B

SHEET 11

1800 NORTH SR-37
ENVIRONMENTAL IMPACT STATEMENT

MAIN STREET (SR-126)

I-15

DAVIS & WEBER COUNTIES CANAL
42DV120

BAMBERGER RAILROAD
42DV161

SB ON RAMP

NB OFF RAMP

SB OFF RAMP

NB ON RAMP

ARMY
RAIL
SHOP

6233 N.

6251 N.

6253 N.

6255 N.

ASPEN AVENUE

1800 NORTH (SR-37)

FRONTAGE ROAD
(BY OTHERS)

KEY MAP

LEGEND:

- SECTION 4(f) RESOURCE - STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL

RELOCATIONS:

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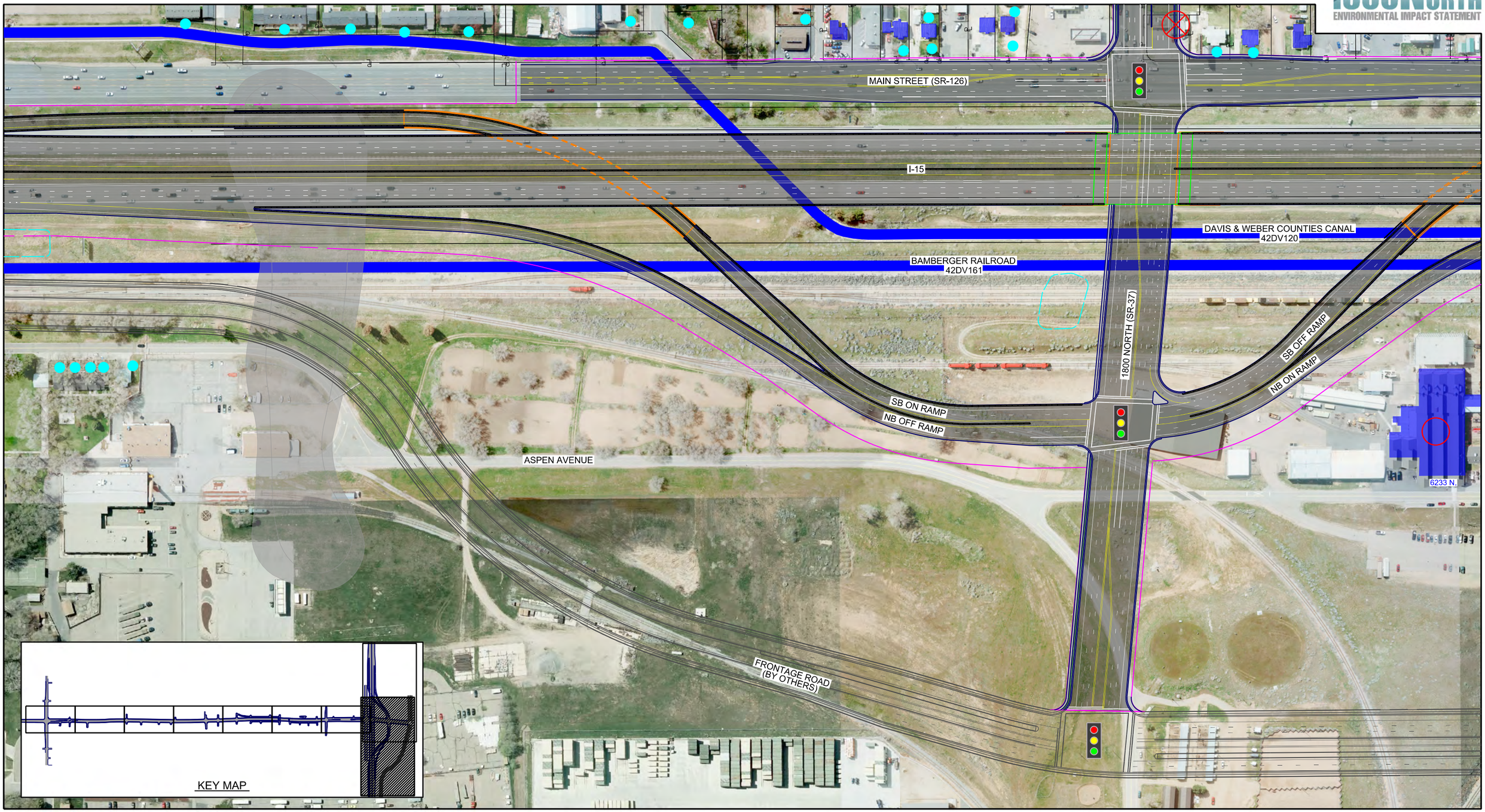
N

0 100 200 400
FEET

1800 NORTH ALTERNATIVE B

SHEET 12



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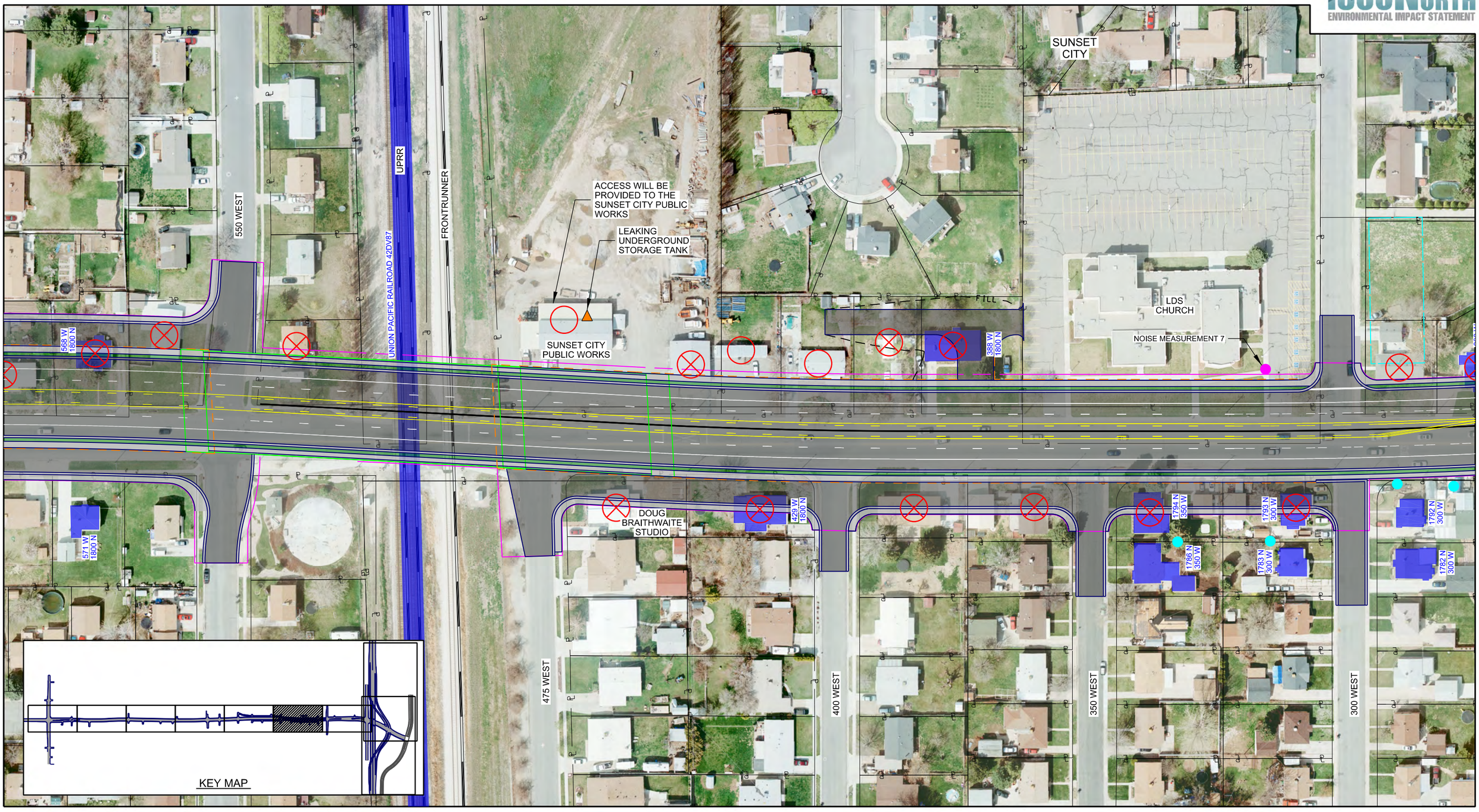
N

0 100 200 400
FEET

1800 NORTH ALTERNATIVE B

SHEET 13



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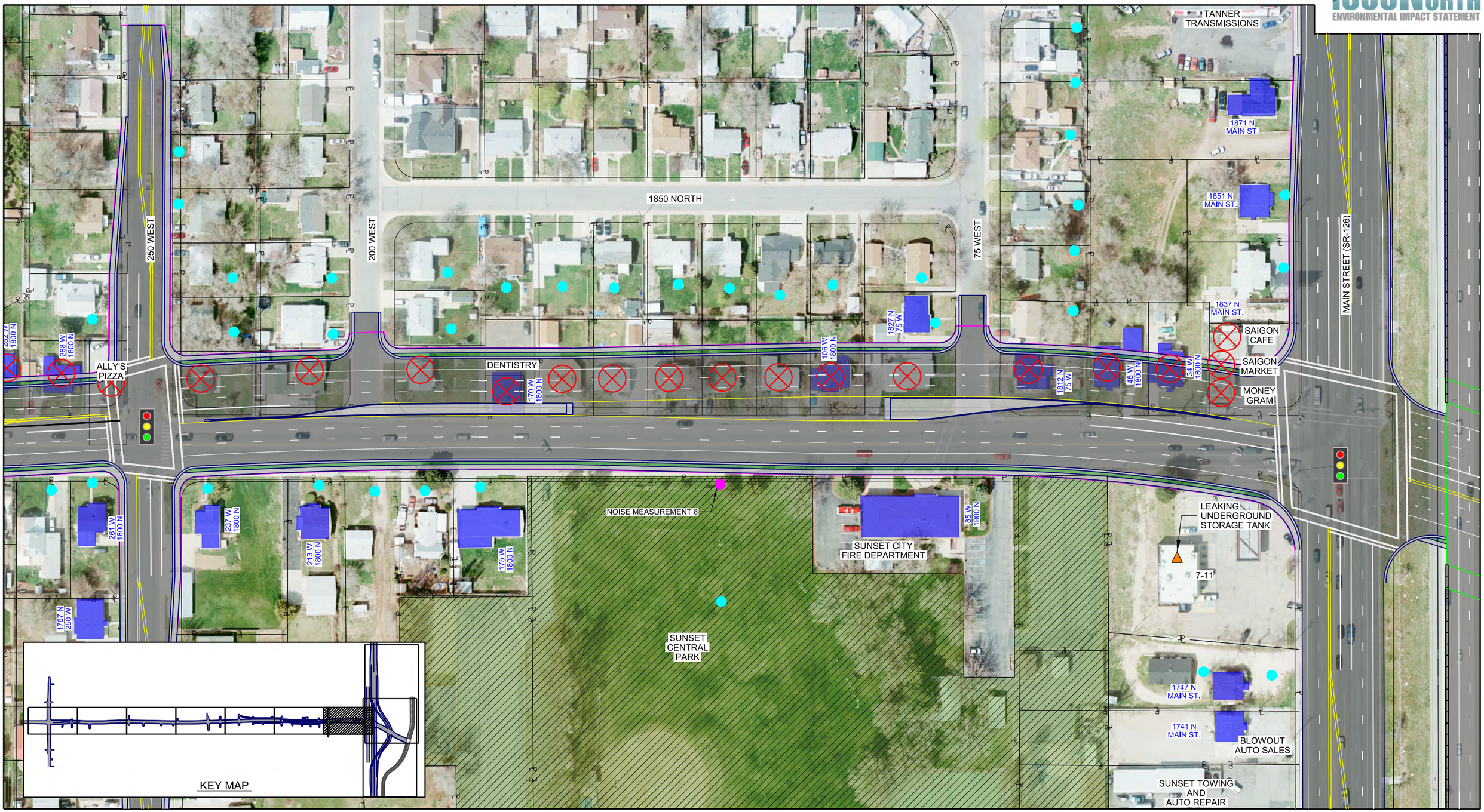
N

0 50 100 200
FEET

1800 NORTH ALTERNATIVE C

SHEET 14



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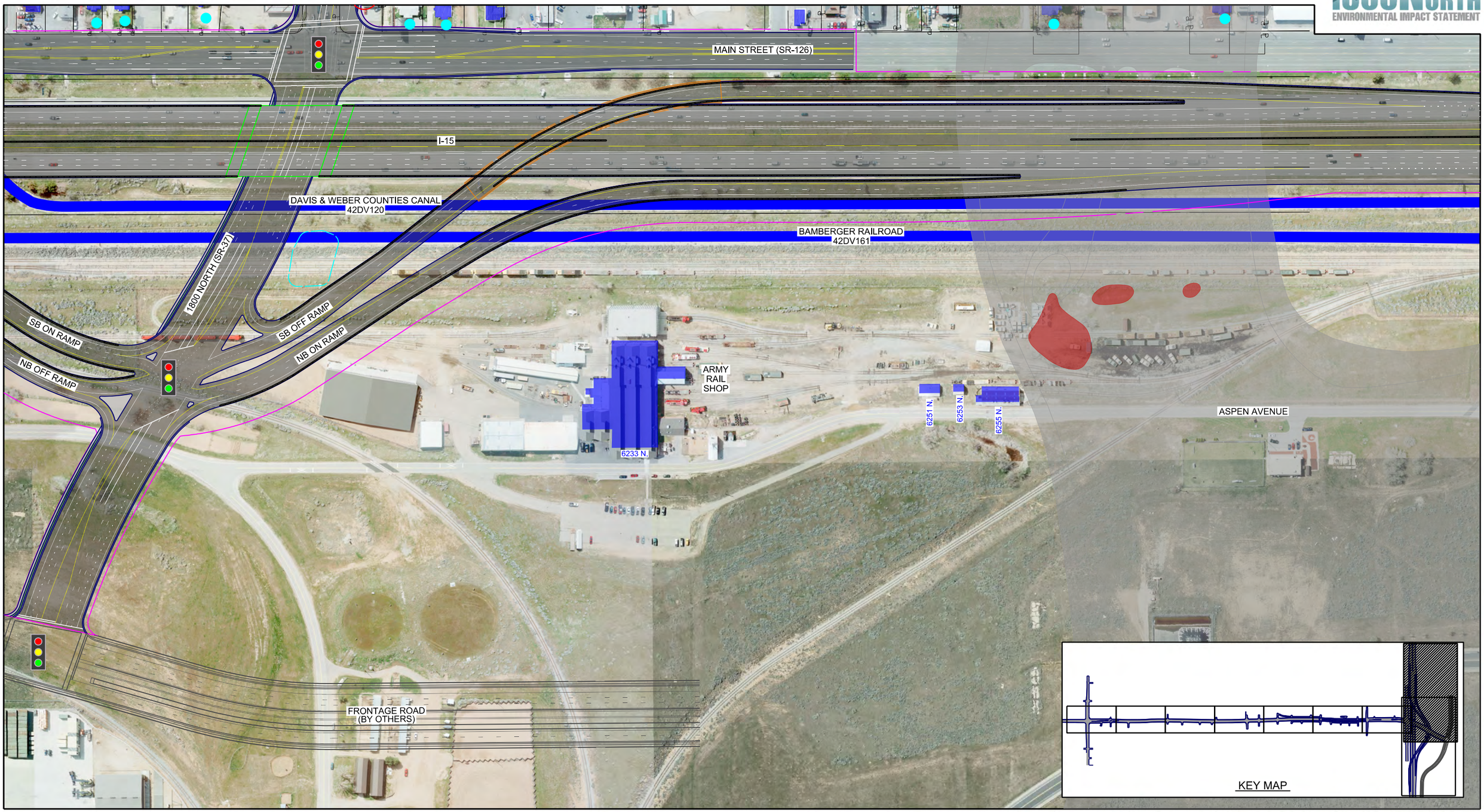
0 50 100 200
FEET

1800 NORTH ALTERNATIVE C

SHEET 15



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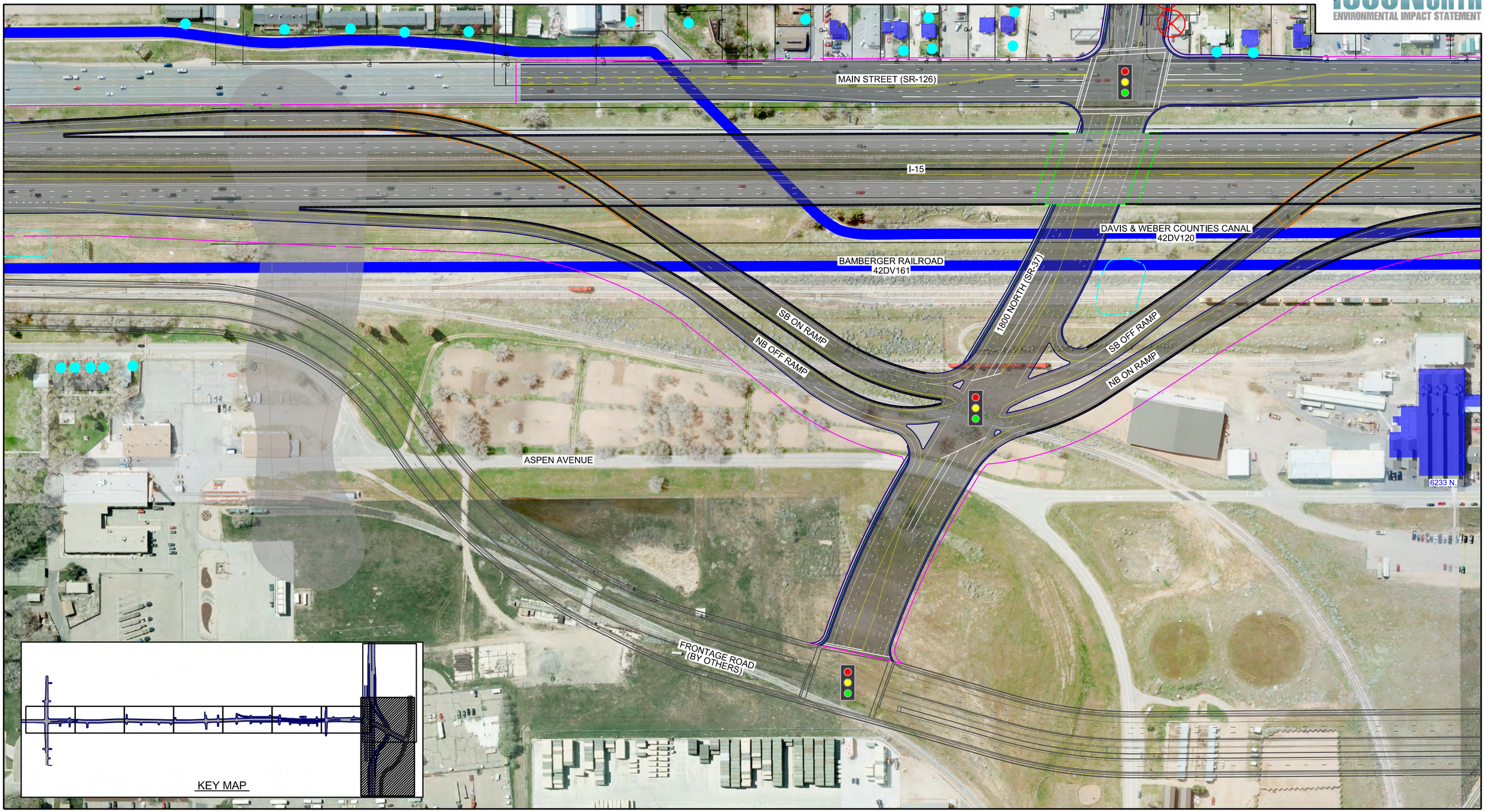
FEET

1800 NORTH ALTERNATIVE C

SHEET 16



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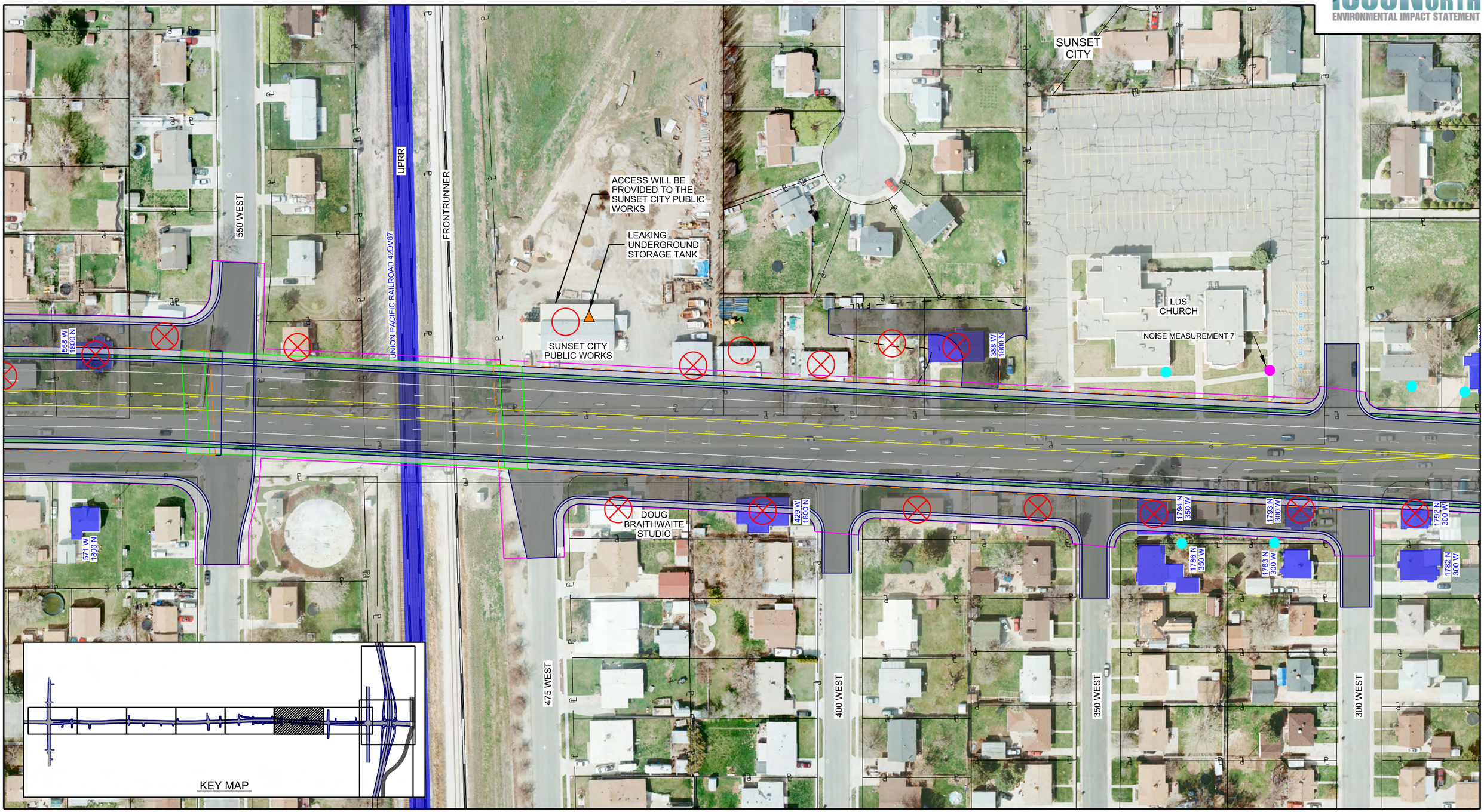
FEET

1800 NORTH ALTERNATIVE C

SHEET 17



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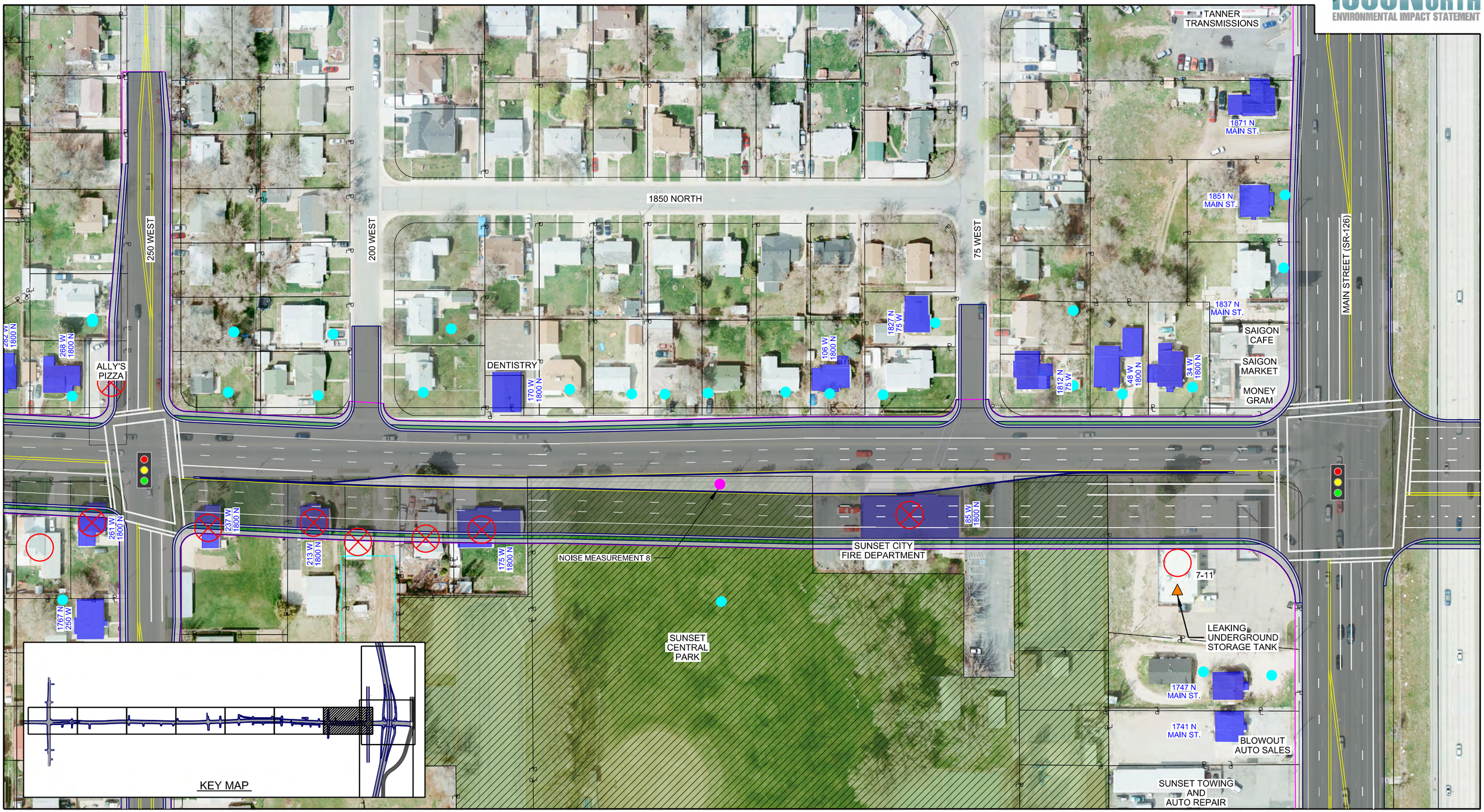
N

0 50 100 200
FEET

1800 NORTH ALTERNATIVE D

SHEET 18



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- NOISE IMPACTS (≥ 66 DBA RESIDENCE ≥ 71 DBA BUSINESS)
- NOISE MEASUREMENT SITES

- HAZARDOUS WASTE (MODERATE TO HIGH POTENTIAL CONTAMINATION)
- POTENTIAL DETENTION BASINS
- HILL AIRFORCE BASE GROUNDWATER PLUMES
- ARSENIC CONTAMINATED SOIL

N

0 50 100 200
FEET

1800 NORTH ALTERNATIVE D

SHEET 19

1800 NORTH SR-37
ENVIRONMENTAL IMPACT STATEMENT

MAIN STREET (SR-126)
1800 NORTH (SR-37)
DAVIS & WEBER COUNTIES CANAL
42DV120
BAMBERGER RAILROAD
42DV161
SB ON RAMP
SB OFF RAMP
I-15
NB OFF RAMP
NB ON RAMP
ARMY RAIL SHOP
6233 N.
6251 N.
6253 N.
6255 N.
ASPEN AVENUE
FRONTAGE ROAD (BY OTHERS)
KEY MAP

LEGEND:

- SECTION 4(f) RESOURCE - STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE
- SIGNALIZED INTERSECTION
- NOISE IMPACTS (≥ 66 DBA RESIDENCE ≥ 71 DBA BUSINESS)
- NOISE MEASUREMENT SITES
- HAZARDOUS WASTE (MODERATE TO HIGH POTENTIAL CONTAMINATION)
- POTENTIAL DETENTION BASINS
- HILL AIRFORCE BASE GROUNDWATER PLUMES
- ARSENIC CONTAMINATED SOIL

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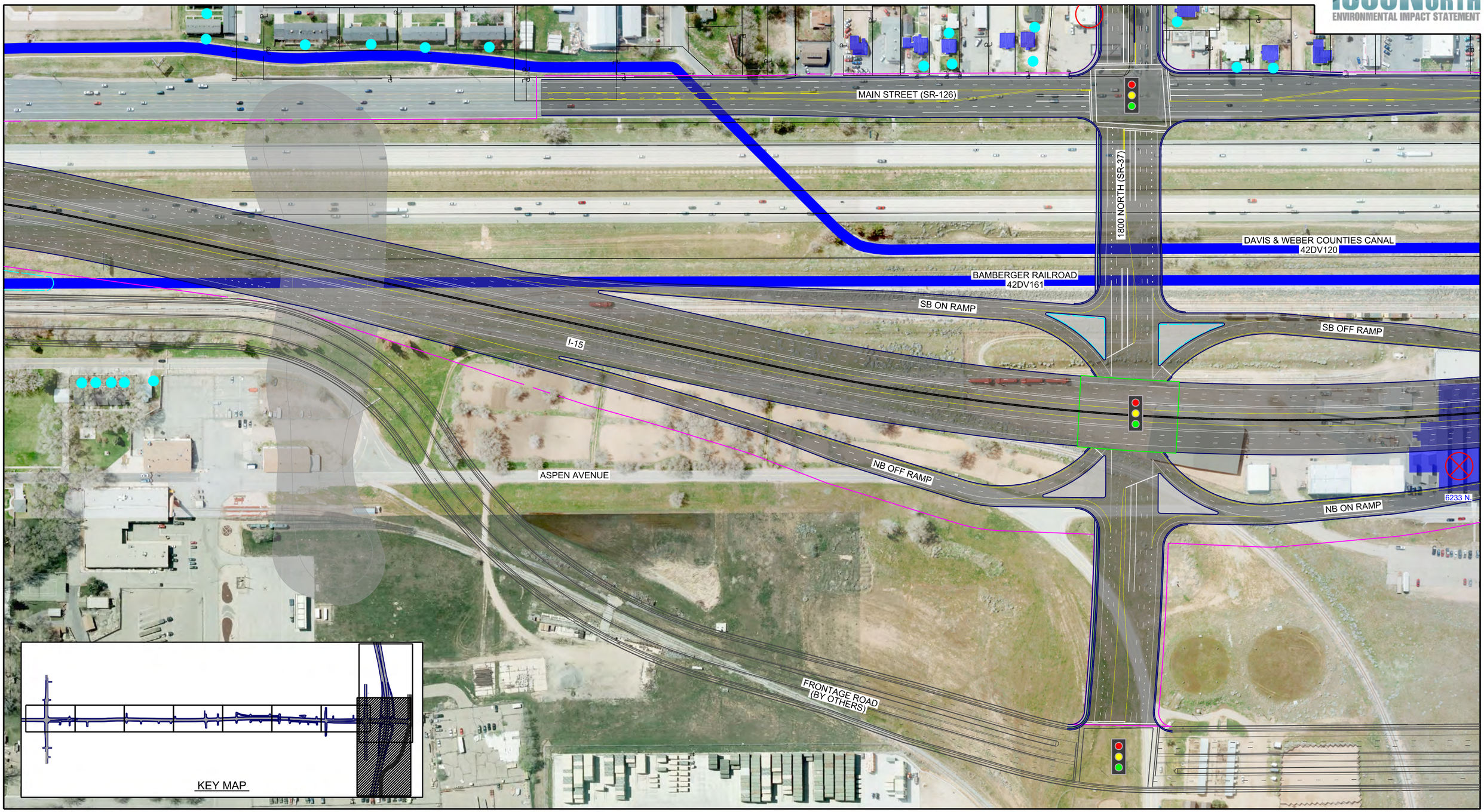
FEET

1800 NORTH ALTERNATIVE D

SHEET 20



LEGEND:

- SECTION 4(f) RESOURCE - STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)
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- POTENTIAL DETENTION BASINS
- HILL AIRFORCE BASE GROUNDWATER PLUMES
- ARSENIC CONTAMINATED SOIL

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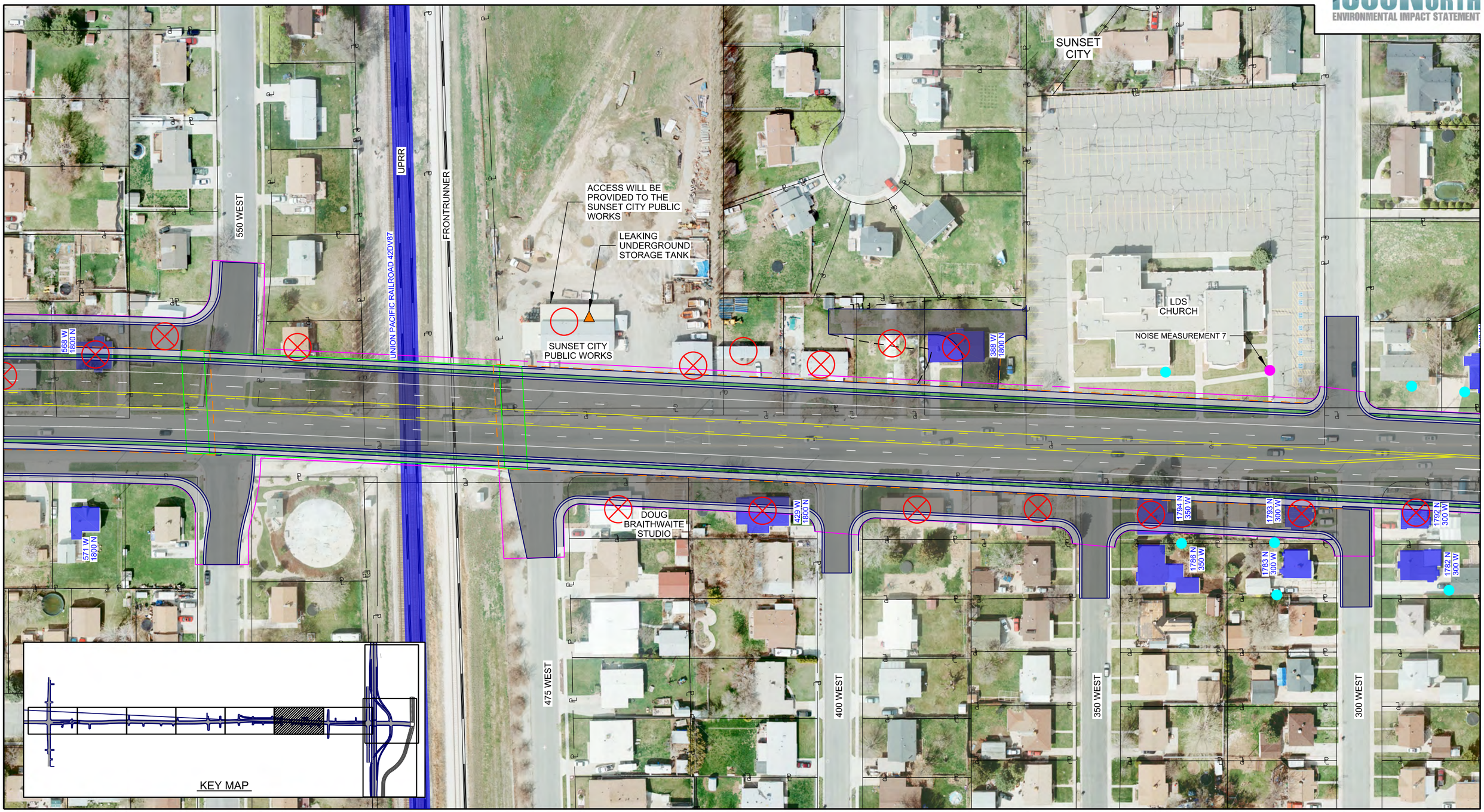
FEET

1800 NORTH ALTERNATIVE D

SHEET 21



LEGEND:

- SECTION 4(f) RESOURCE - STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
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- HILL AIRFORCE BASE GROUNDWATER PLUMES
- ARSENIC CONTAMINATED SOIL

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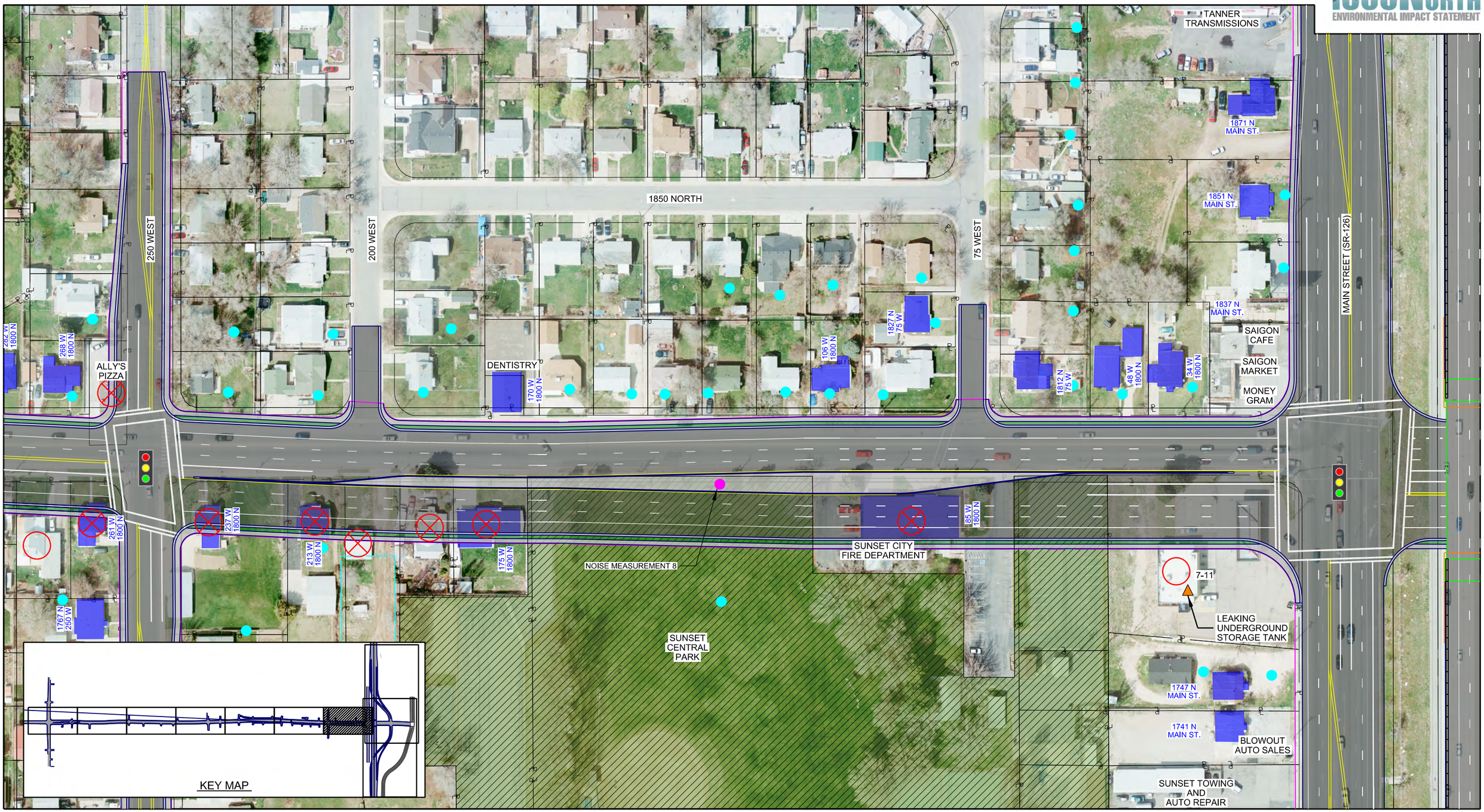
FEET

1800 NORTH ALTERNATIVE E

SHEET 22



LEGEND:

- SECTION 4(f) RESOURCE - STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)
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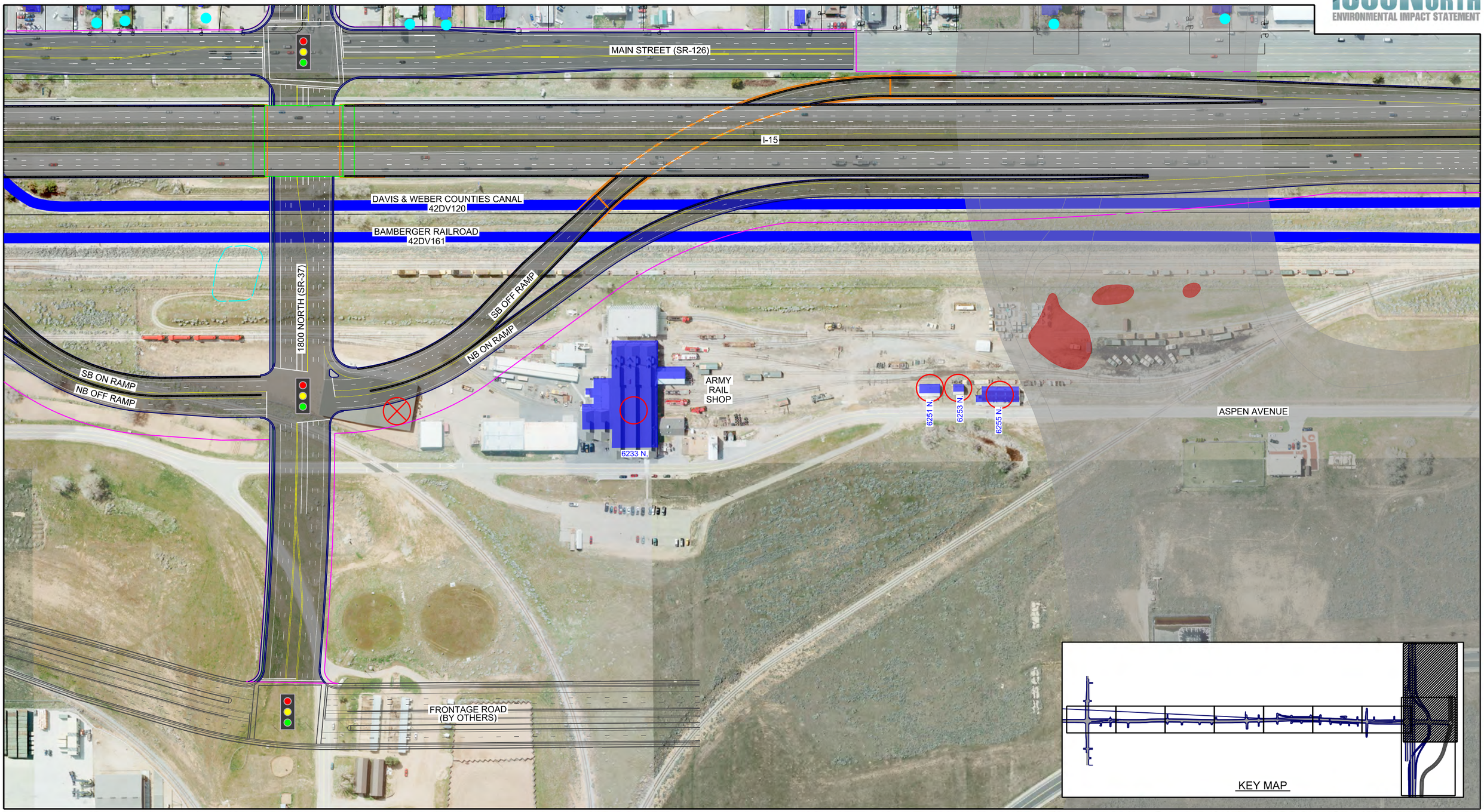
- HILL AIRFORCE BASE GROUNDWATER PLUMES
- ARSENIC CONTAMINATED SOIL

N

0 50 100 200
FEET

1800 NORTH ALTERNATIVE E

SHEET 23



LEGEND:

- SECTION 4(f) RESOURCE - STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL

RELOCATIONS:

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- ARSENIC CONTAMINATED SOIL

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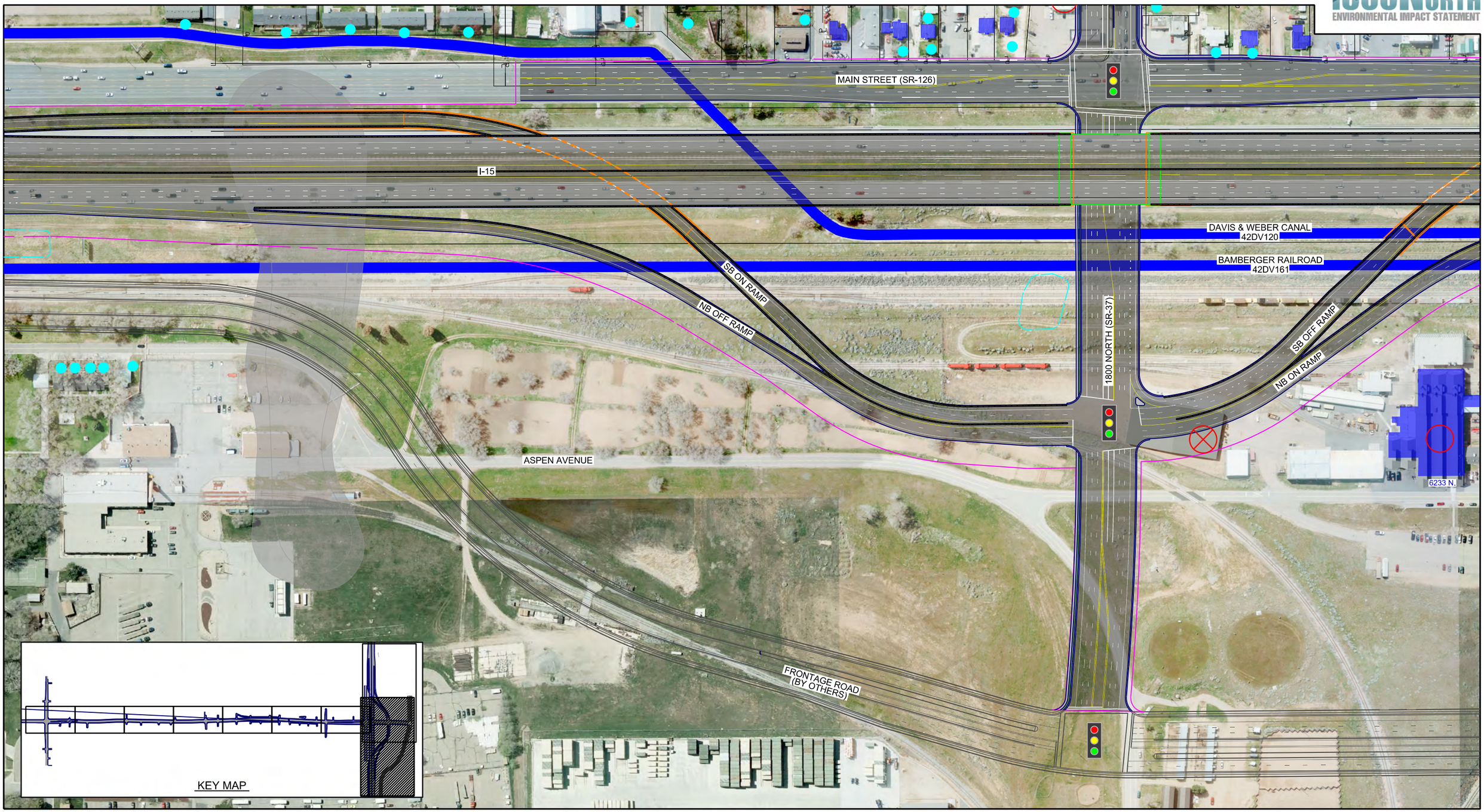
FEET

1800 NORTH ALTERNATIVE E

SHEET 24



LEGEND:

- SECTION 4(f) RESOURCE - STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
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- ARSENIC CONTAMINATED SOIL

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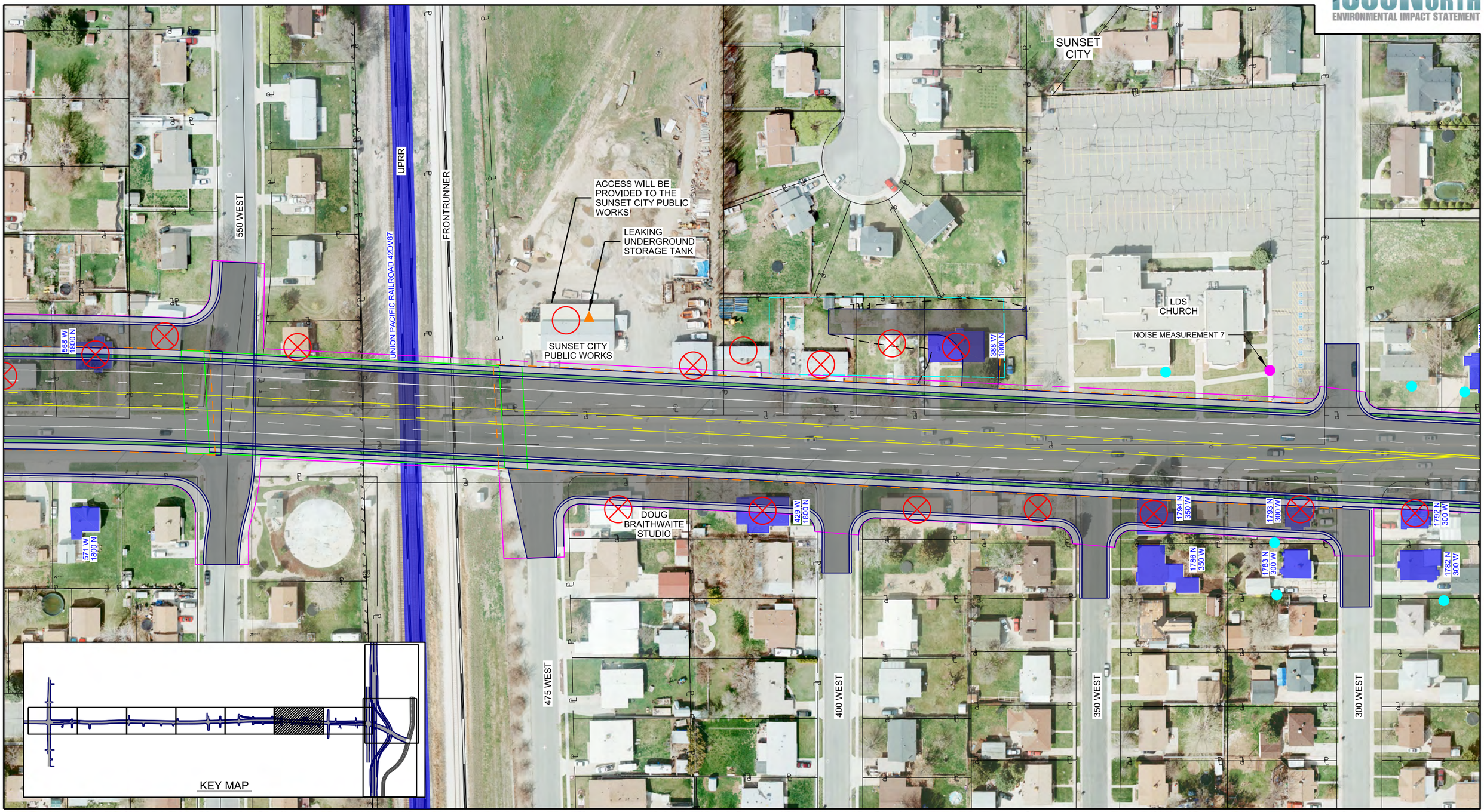
FEET

1800 NORTH ALTERNATIVE E

SHEET 25



LEGEND:

- SECTION 4(f) RESOURCE - STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
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- HILL AIRFORCE BASE GROUNDWATER PLUMES
- ARSENIC CONTAMINATED SOIL

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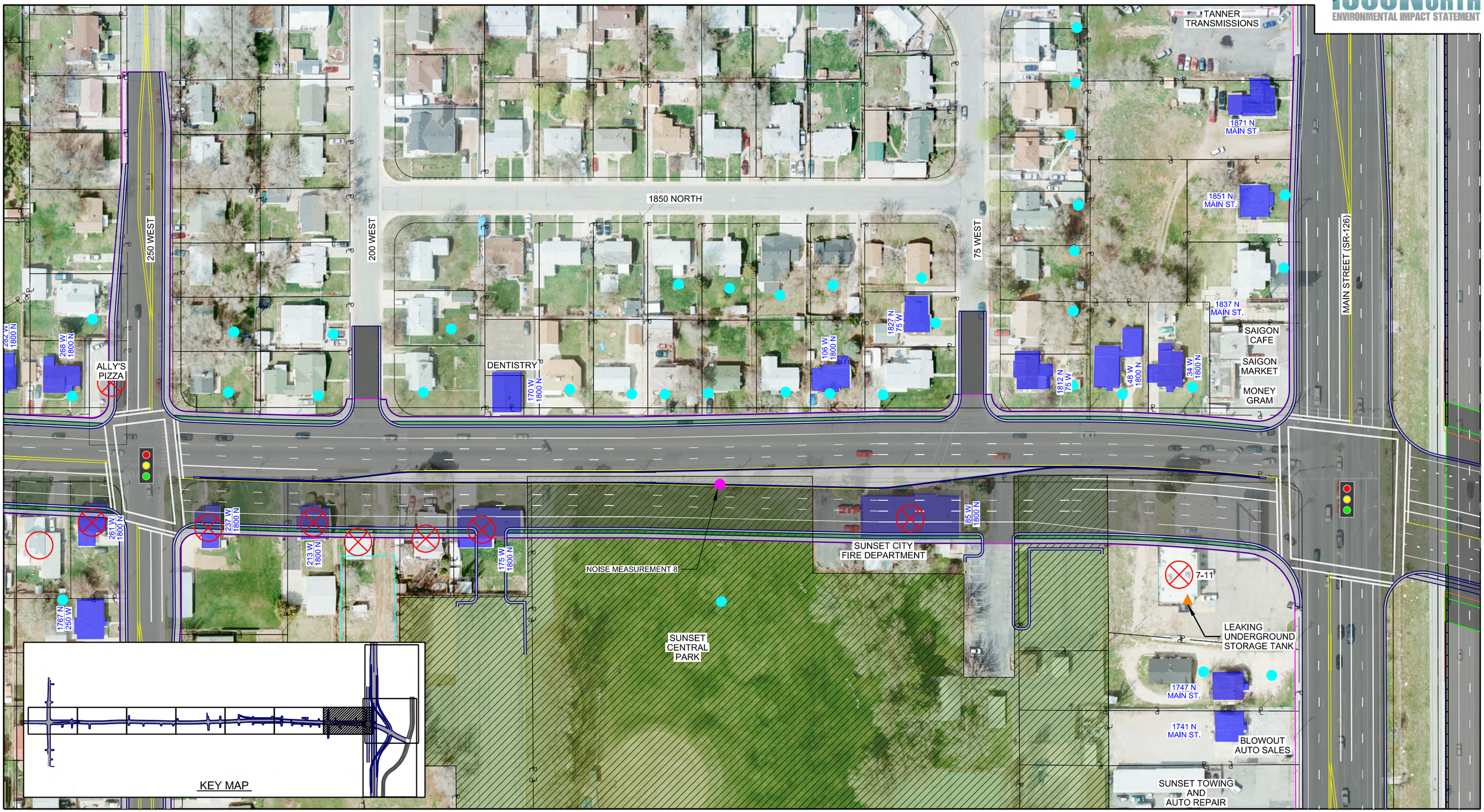
FEET

1800 NORTH ALTERNATIVE F

SHEET 26



LEGEND:

- SECTION 4(f) RESOURCE - STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)
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- ARSENIC CONTAMINATED SOIL

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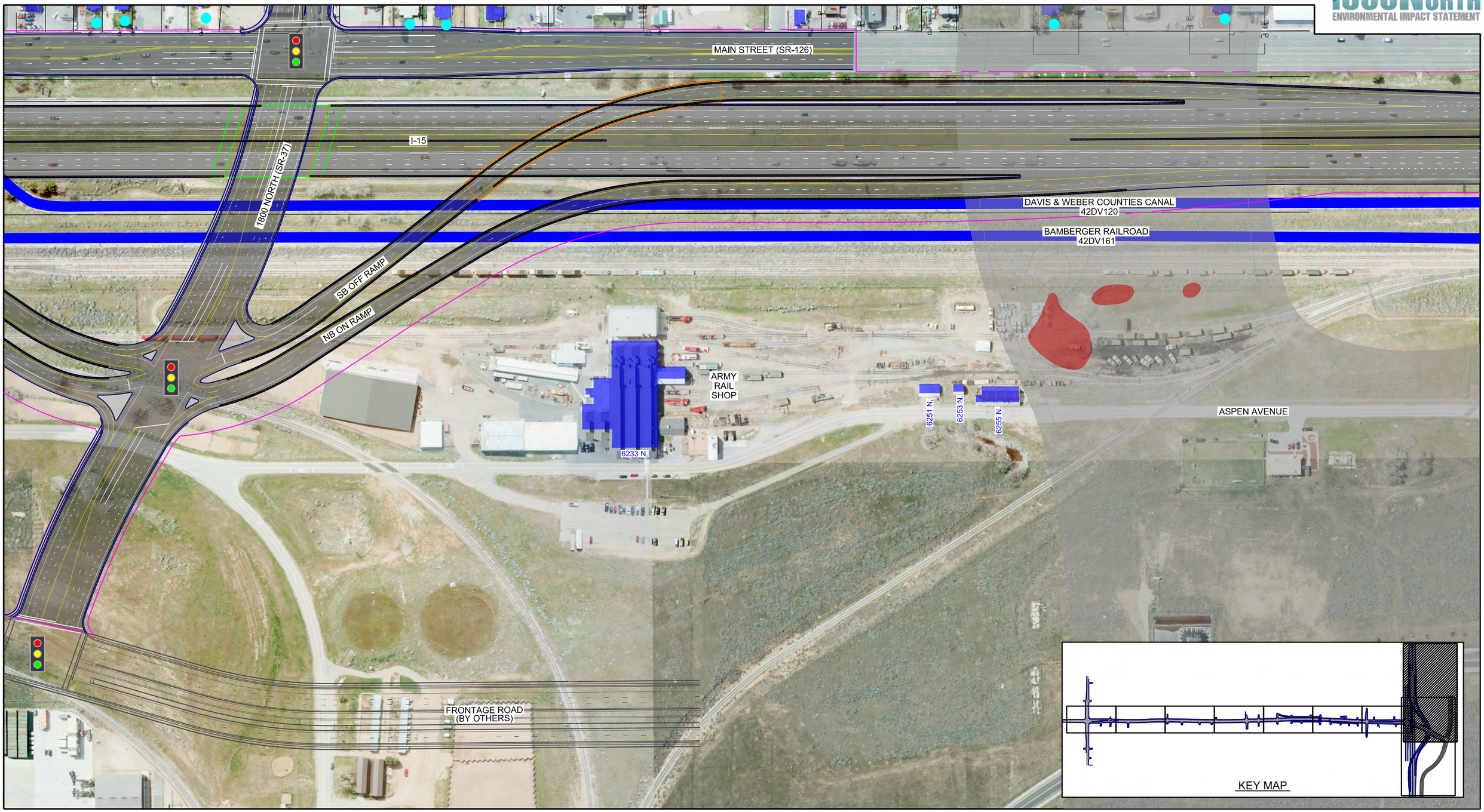
FEET

1800 NORTH ALTERNATIVE F

SHEET 27



LEGEND:

- SECTION 4(f) RESOURCE - STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)
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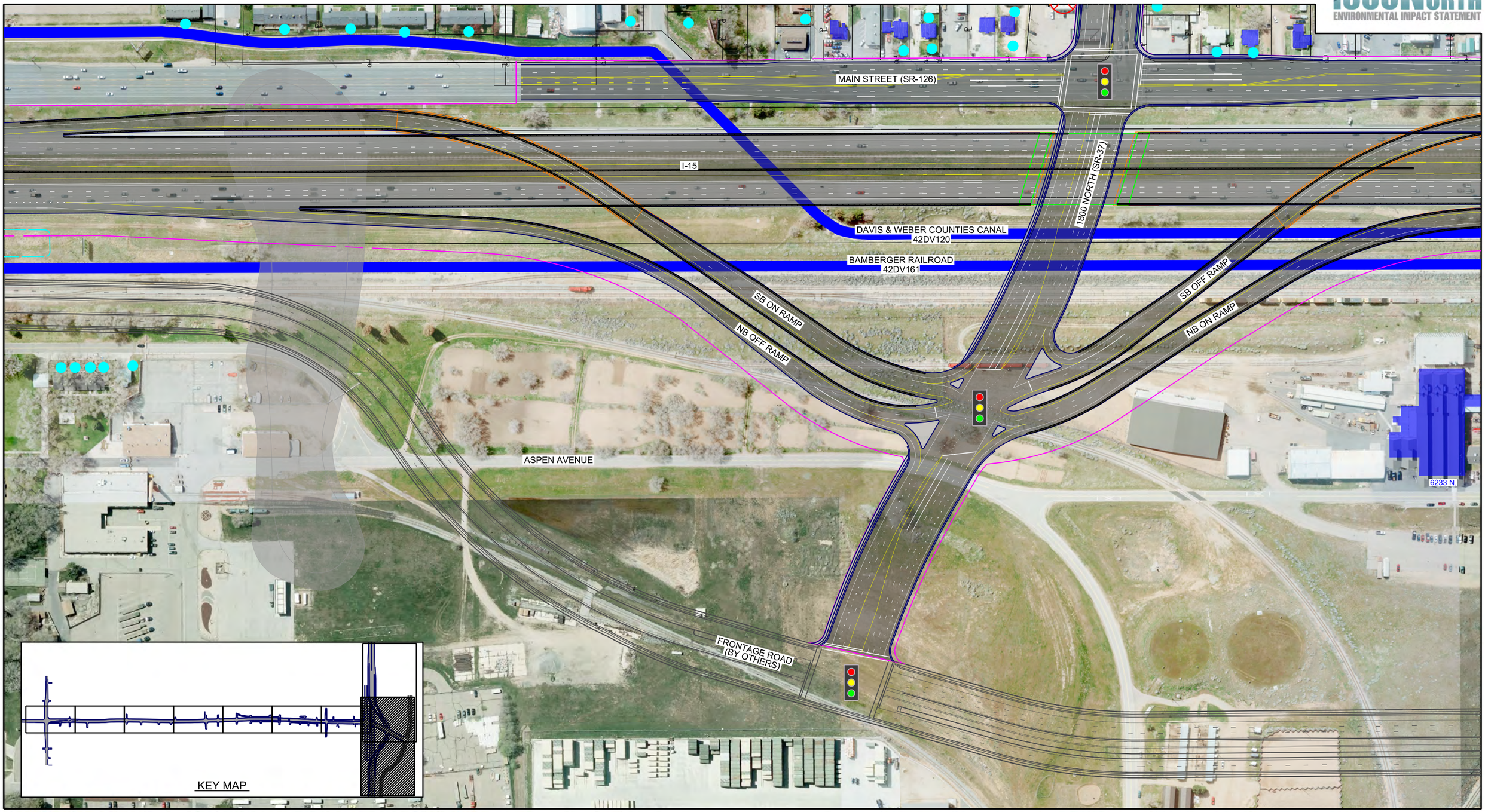
FEET

1800 NORTH ALTERNATIVE F

SHEET 28



LEGEND:

- SECTION 4(f) RESOURCE - STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)
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- HILL AIRFORCE BASE GROUNDWATER PLUMES
- ARSENIC CONTAMINATED SOIL

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FEET

1800 NORTH ALTERNATIVE F

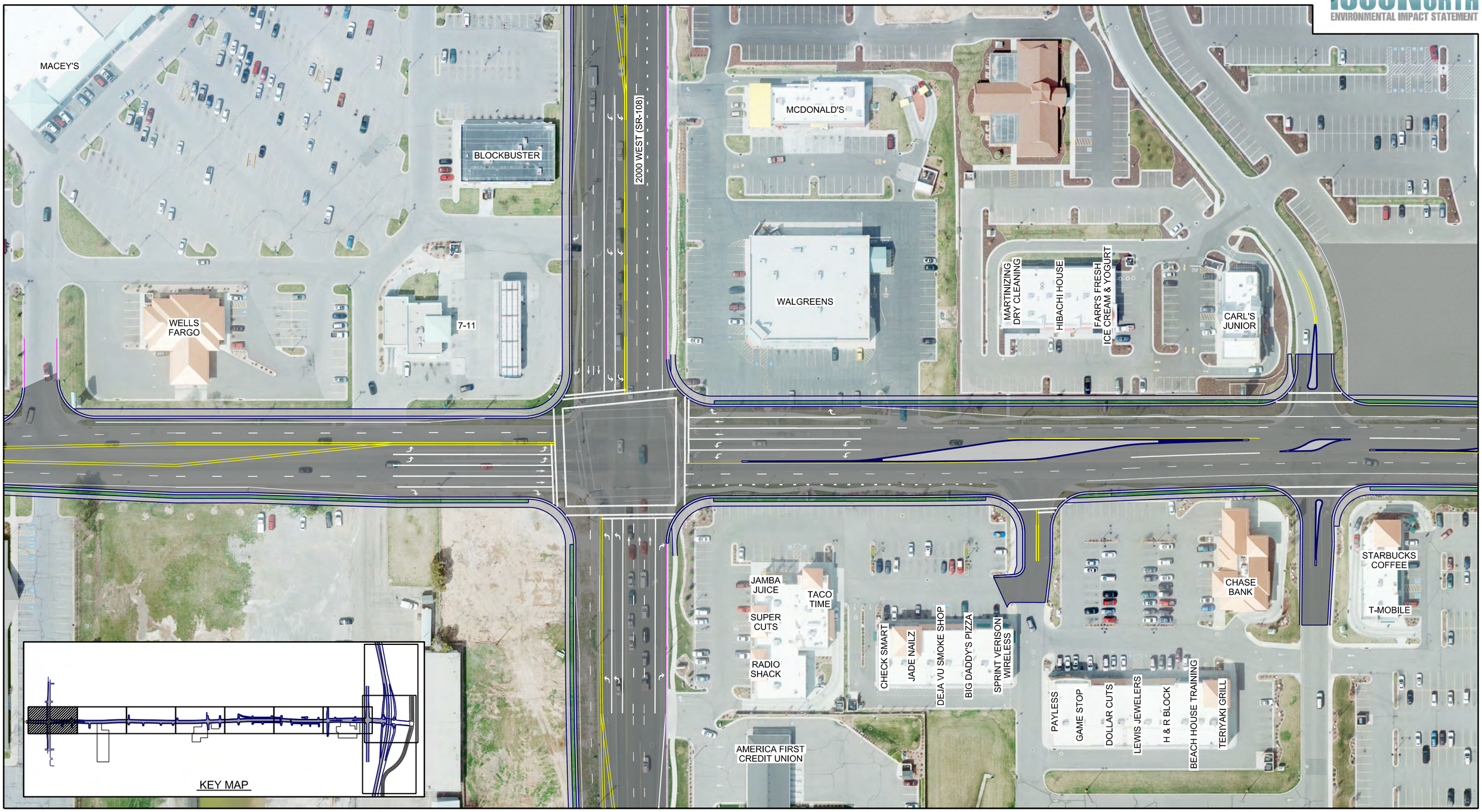
SHEET 29

CHAPTER 4 FIGURES

- SECTION 4(F) USE
- SECTION 4(F) USE (ARCHAEOLOGICAL SITES)

SECTION 4(F) USE

- 1800 NORTH ALTERNATIVE A
- 1800 NORTH ALTERNATIVE B
- 1800 NORTH ALTERNATIVE C
- 1800 NORTH ALTERNATIVE D
- 1800 NORTH ALTERNATIVE E
- 1800 NORTH ALTERNATIVE F



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

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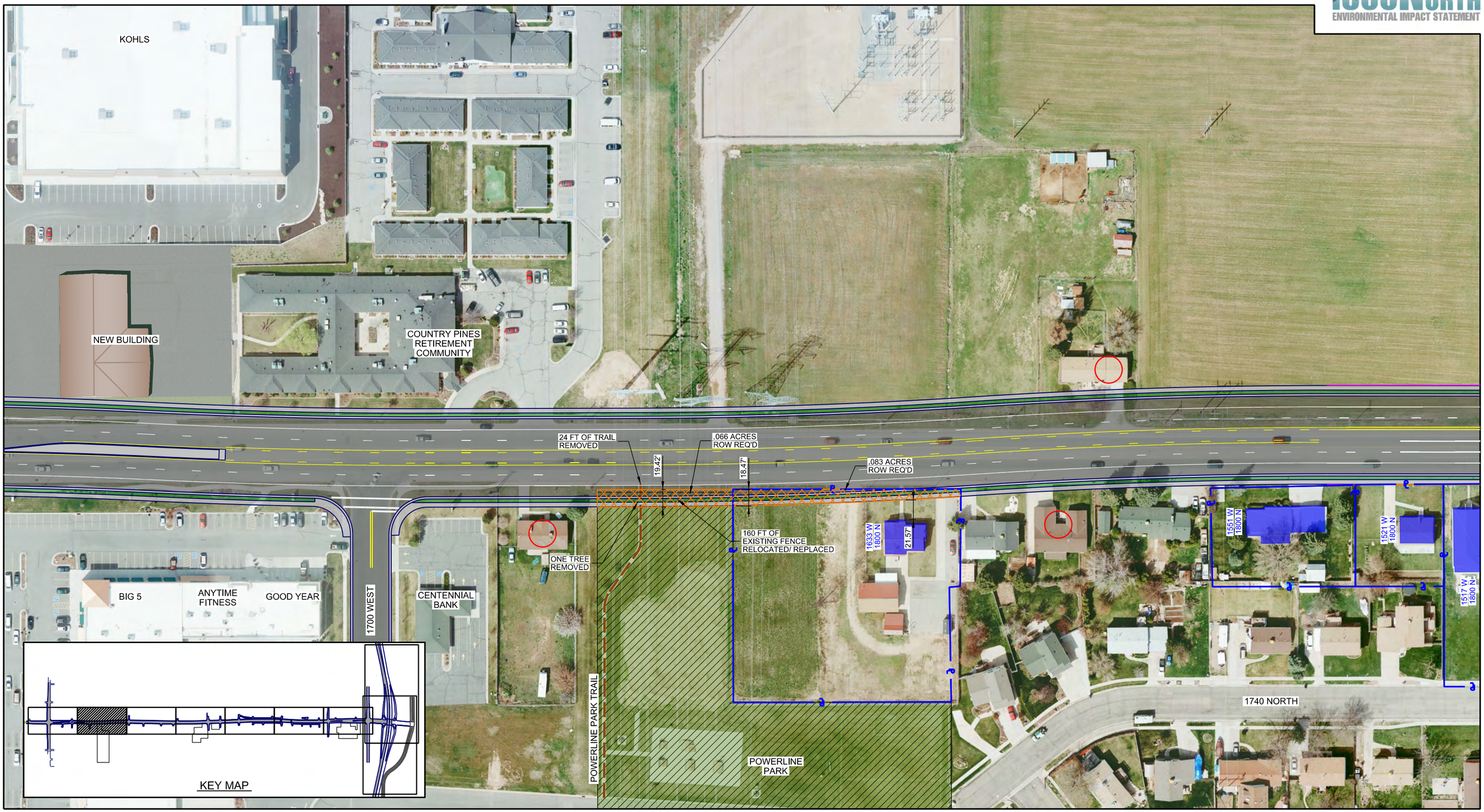
FEET

SECTION 4(f) USE 1800 NORTH ALTERNATIVES A-F

SHEET 1



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

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FEET

SECTION 4(f) USE 1800 NORTH ALTERNATIVES A-F

SHEET 2

LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

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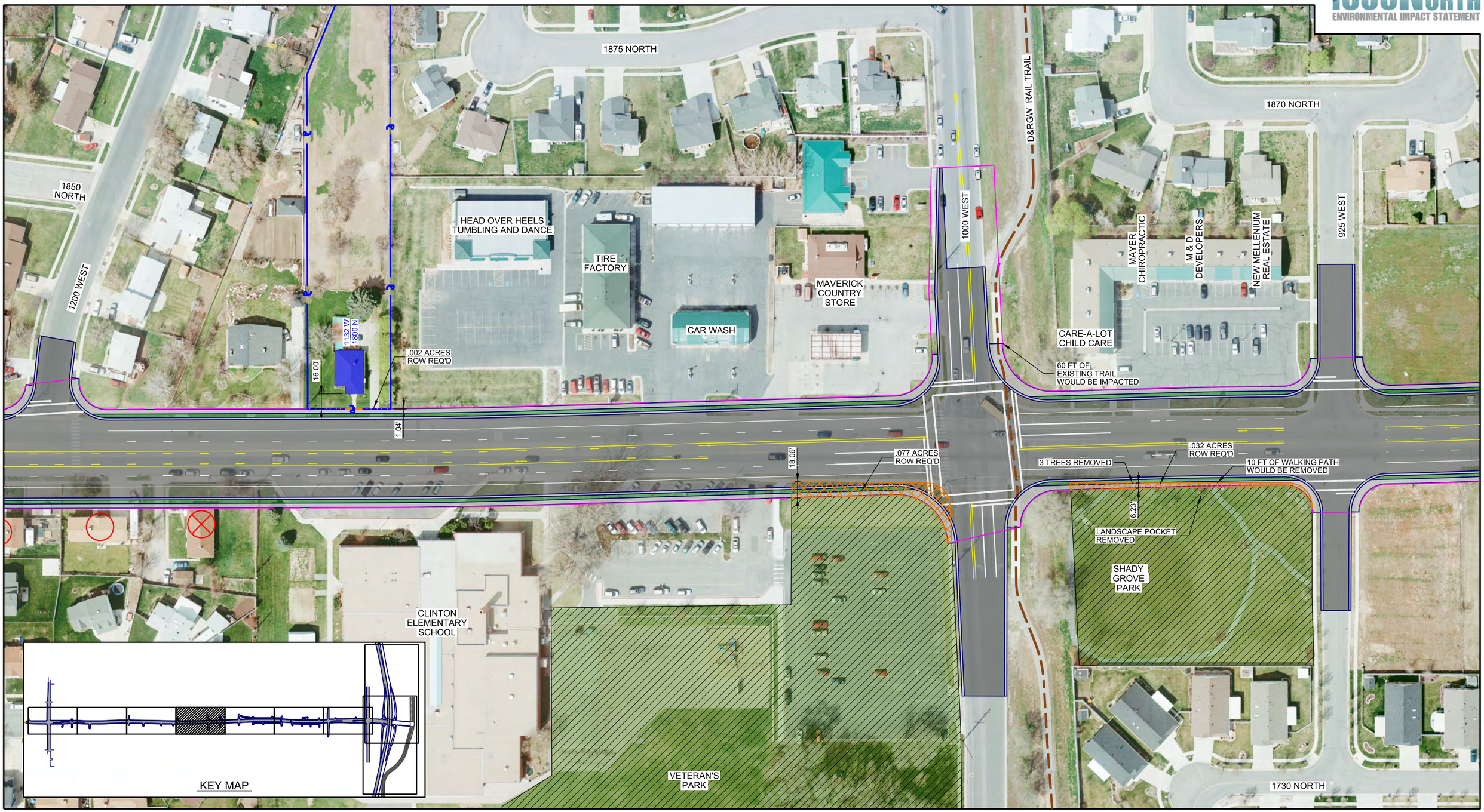
FEET

SECTION 4(f) USE 1800 NORTH ALTERNATIVES A-F

SHEET 3



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

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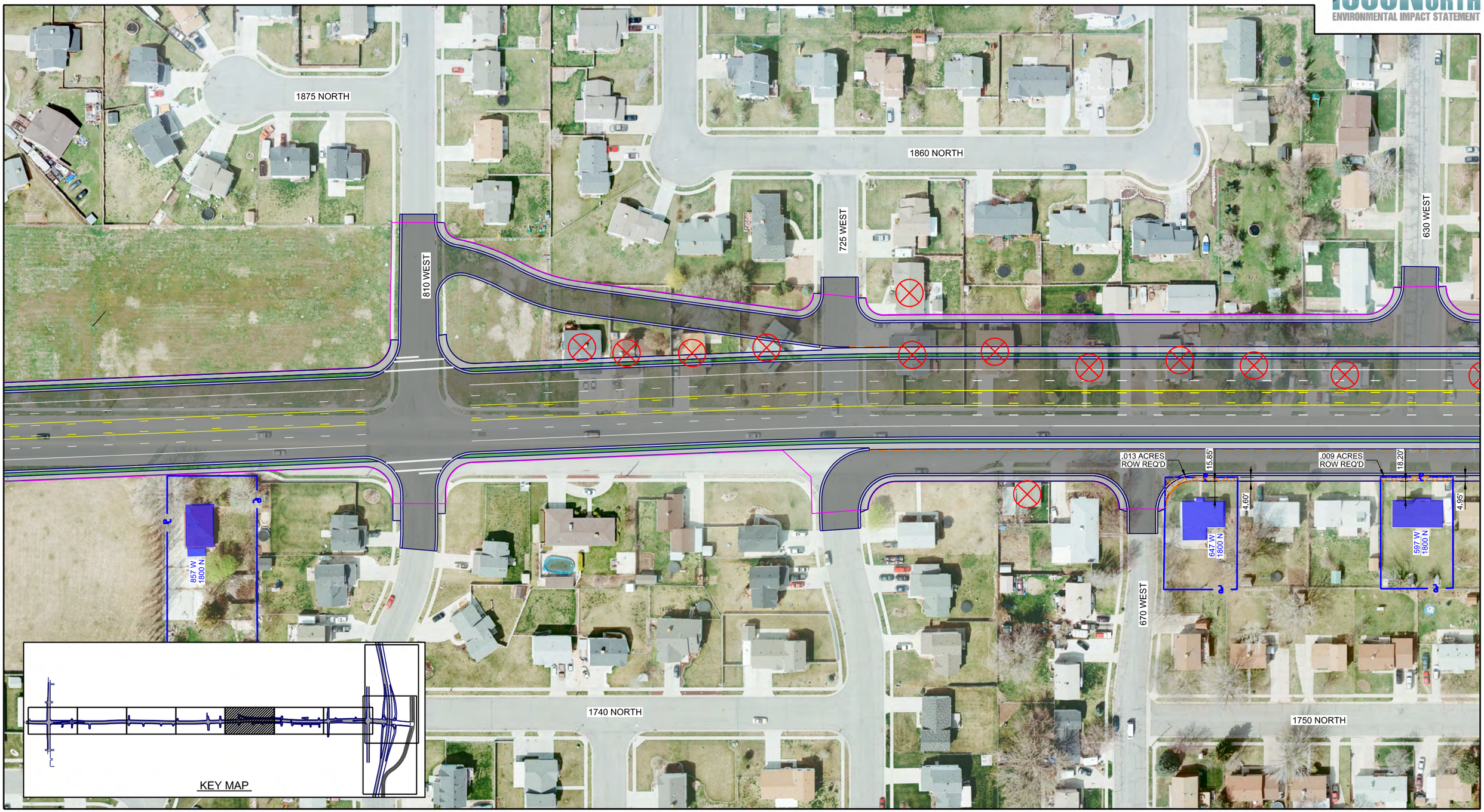
FEET

SECTION 4(f) USE 1800 NORTH ALTERNATIVES A-F

SHEET 4



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

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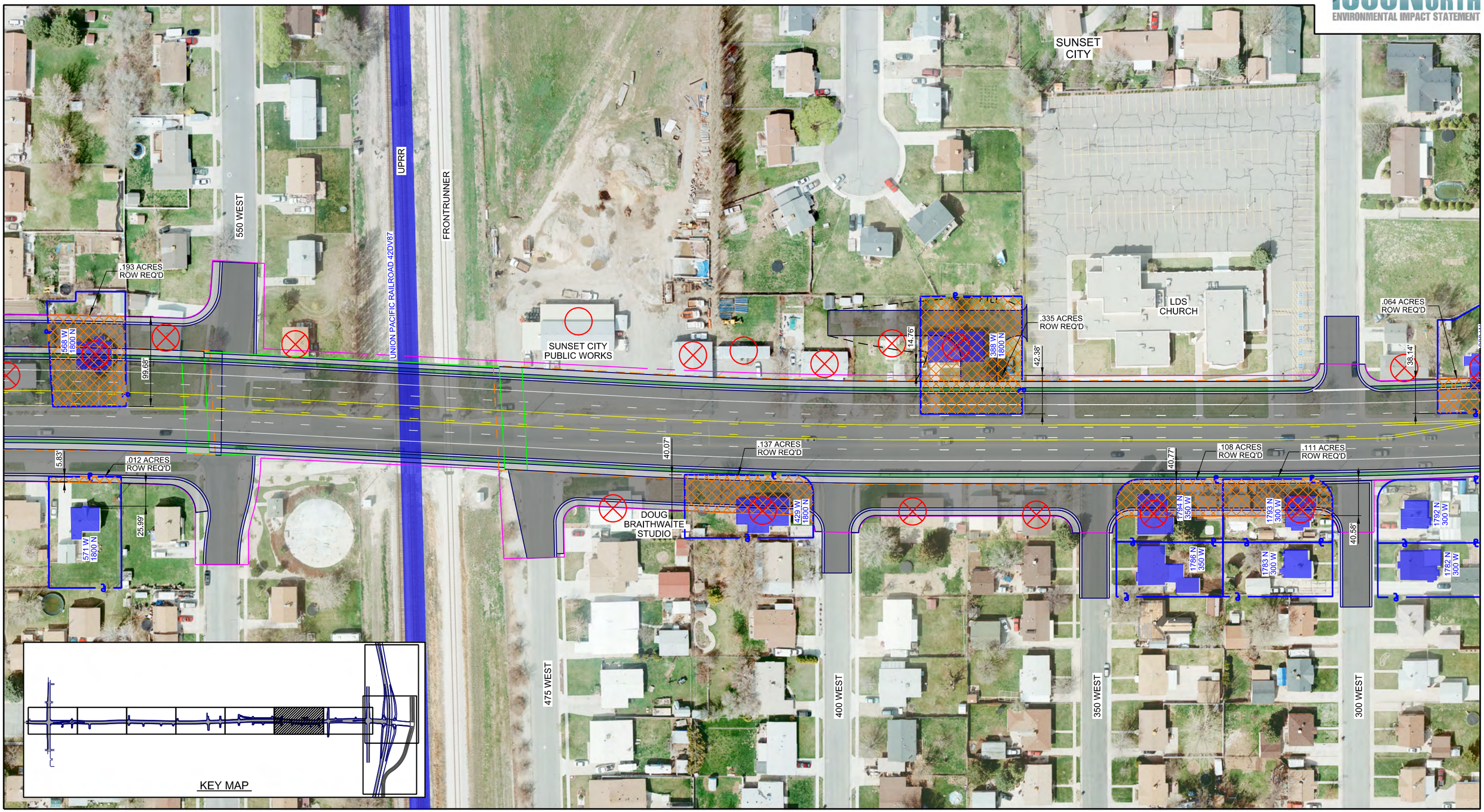
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVES A-F

SHEET 5



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

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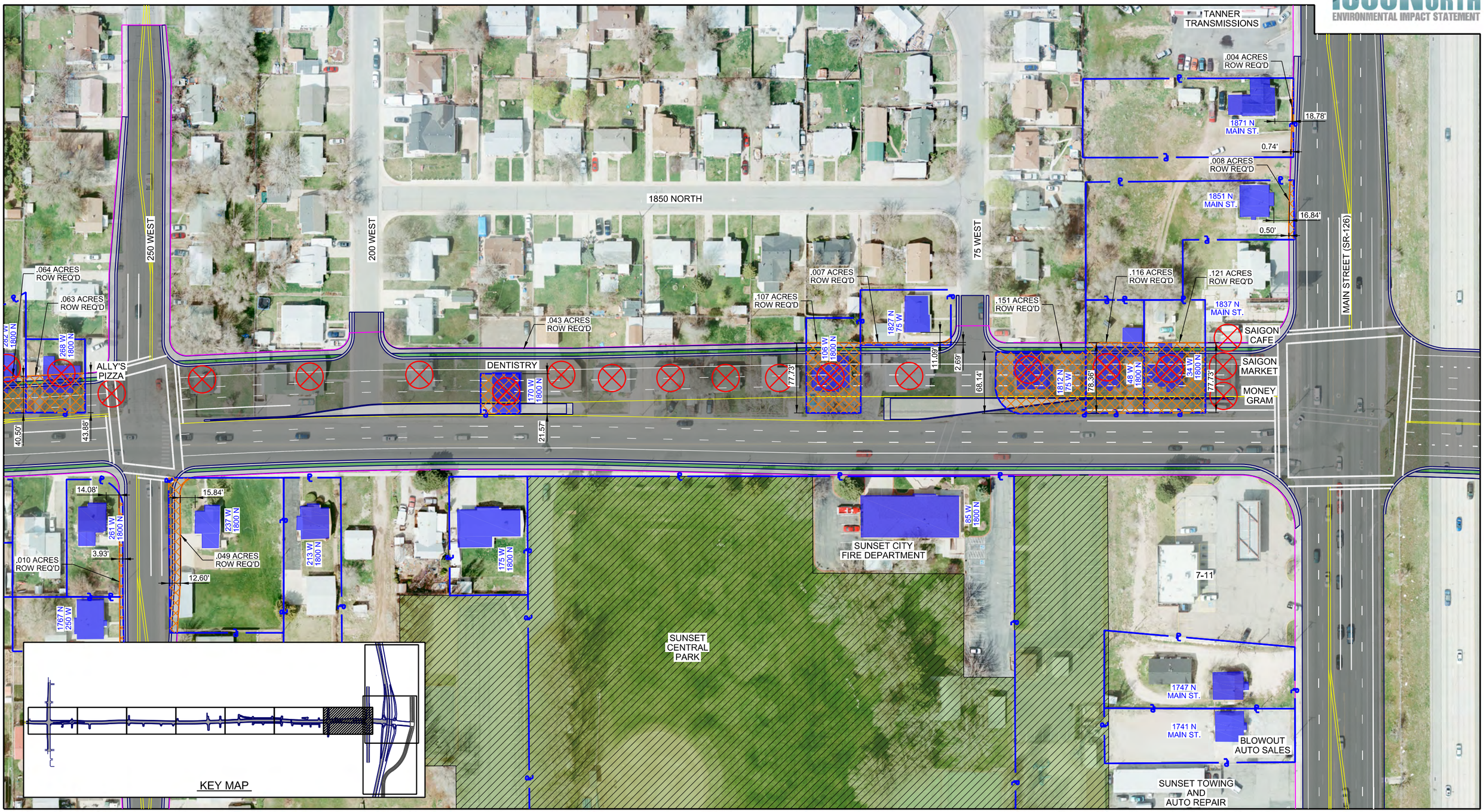
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE A

SHEET 6



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

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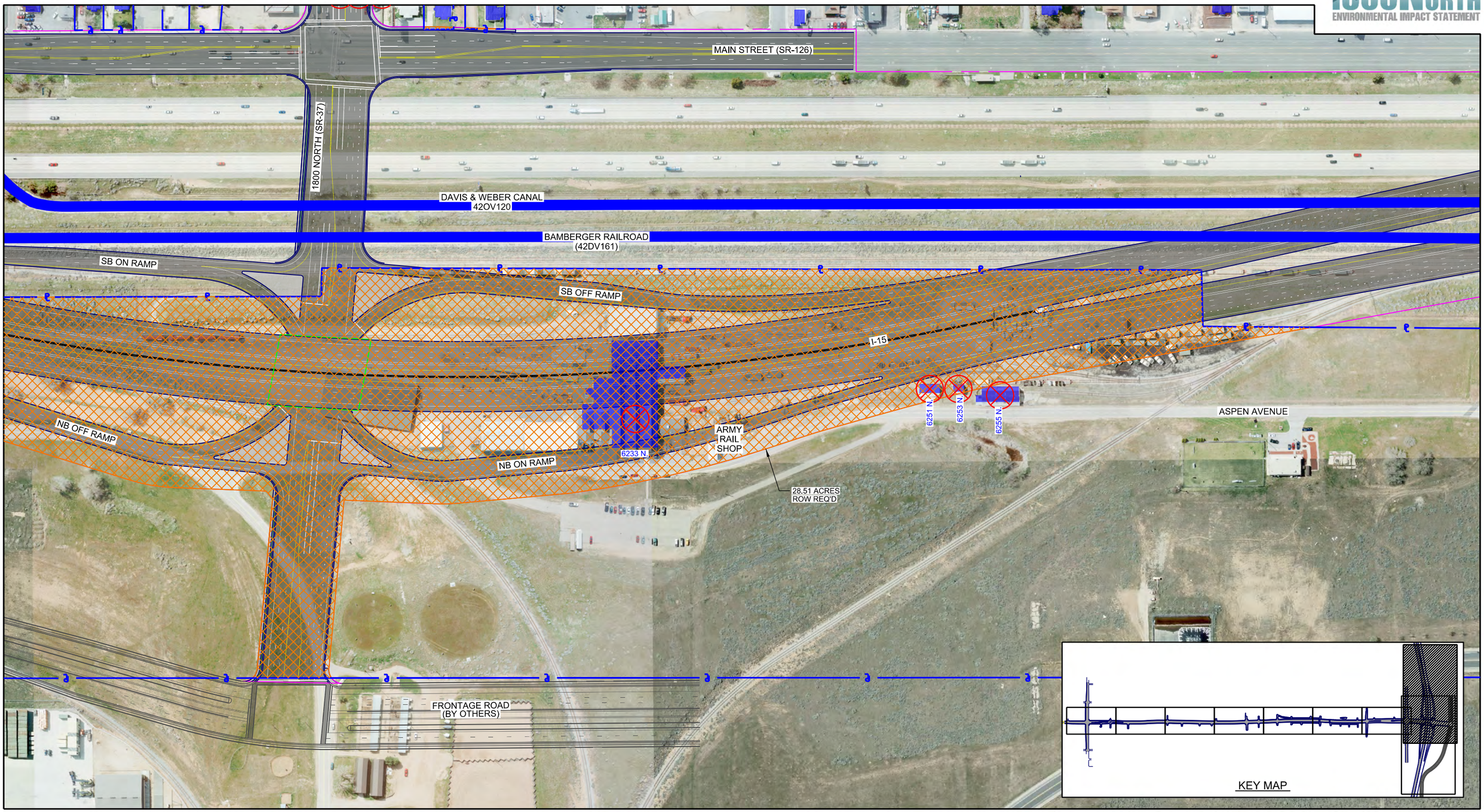
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE A

SHEET 7



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

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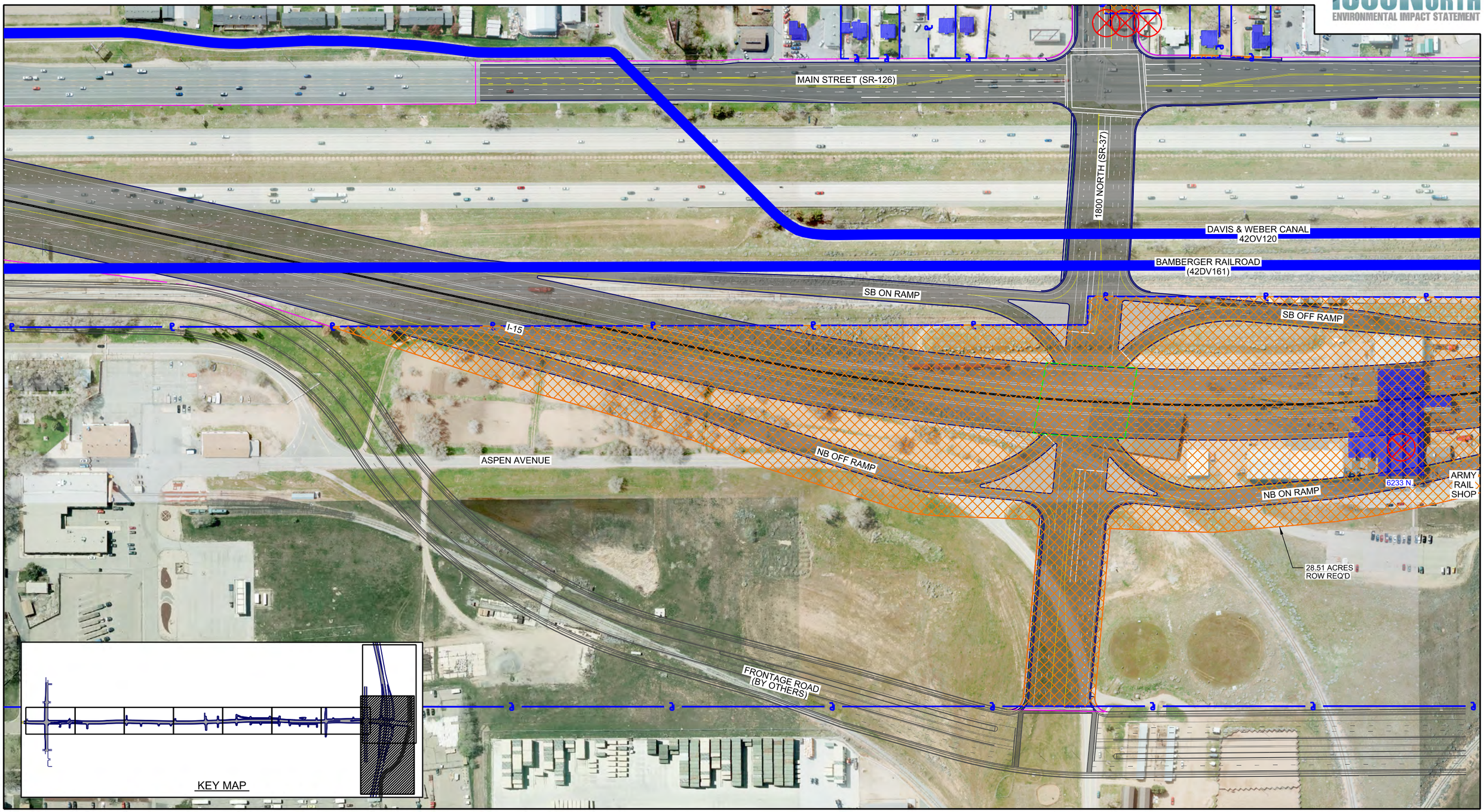
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE A

SHEET 8



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
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RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
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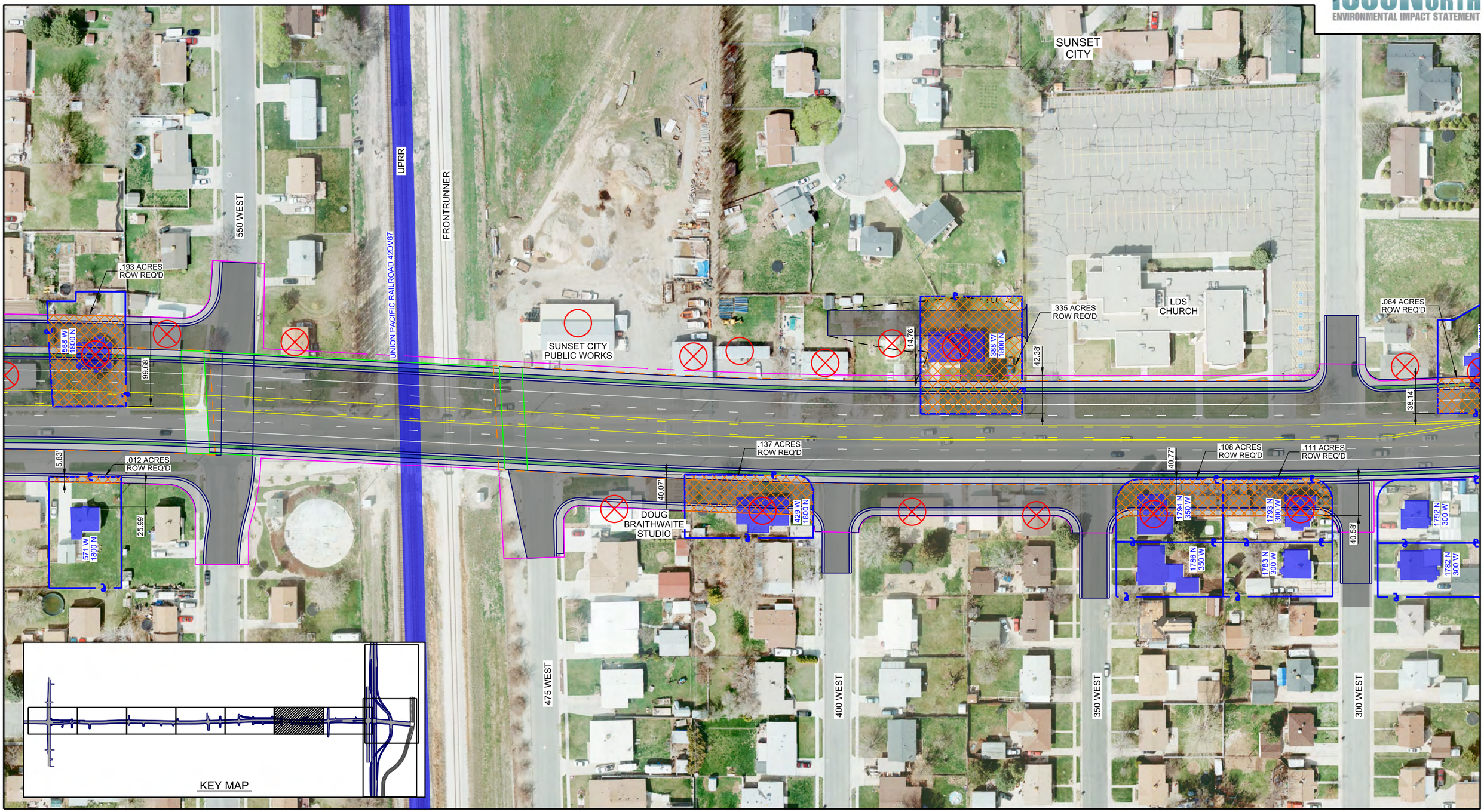
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE A

SHEET 9



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

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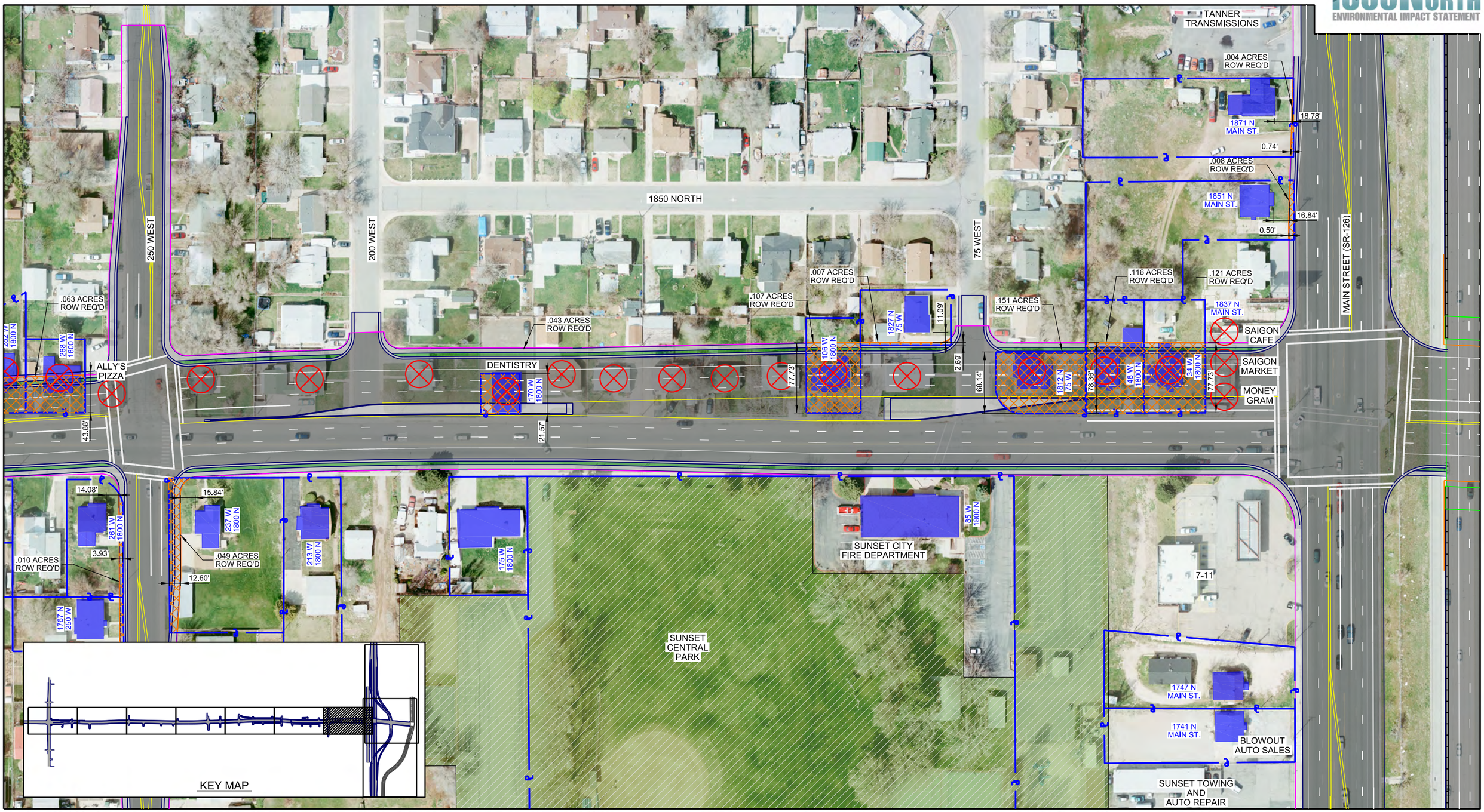
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE B

SHEET 10



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

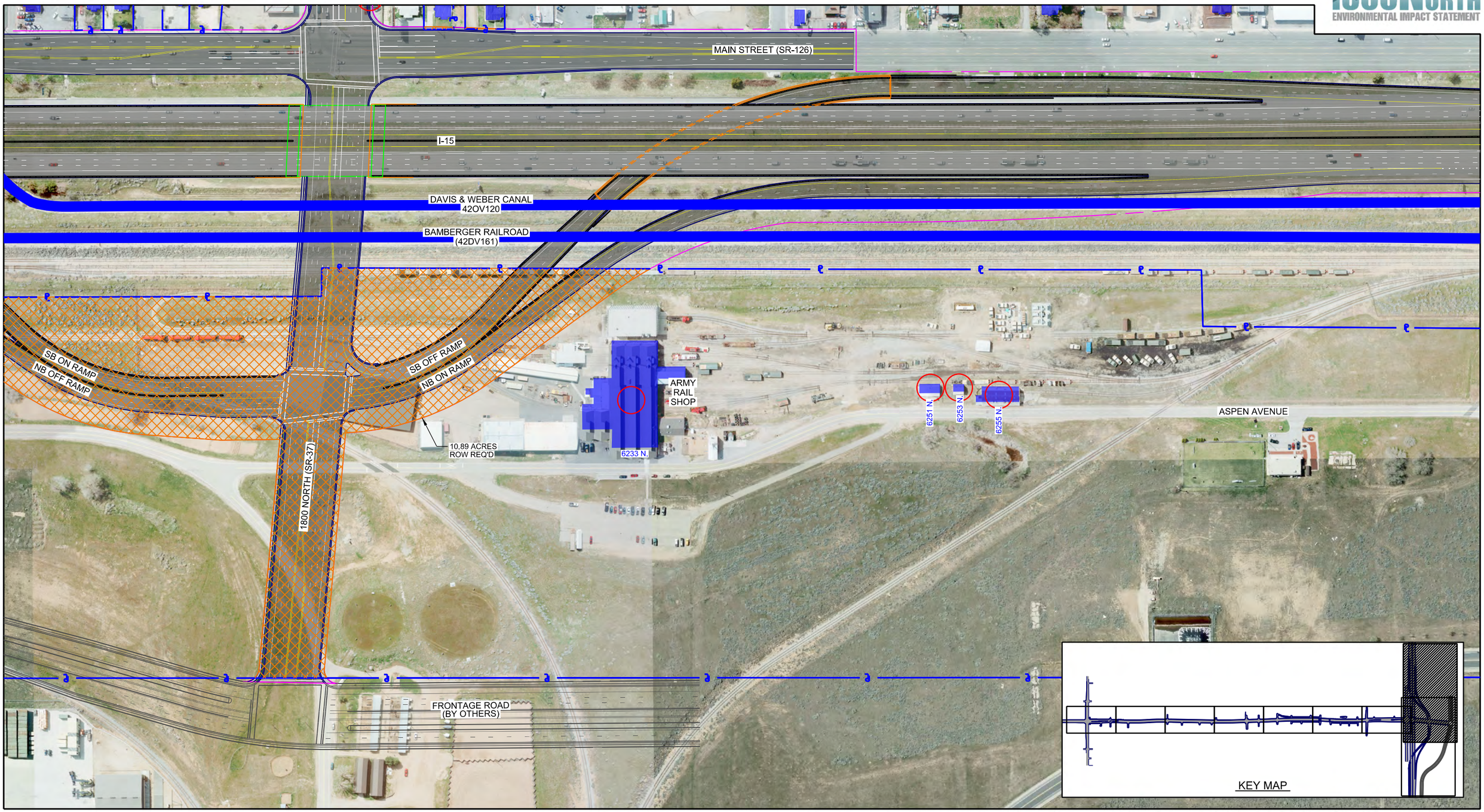
- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

N

0 50 100 200
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE B

SHEET 11



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
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- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
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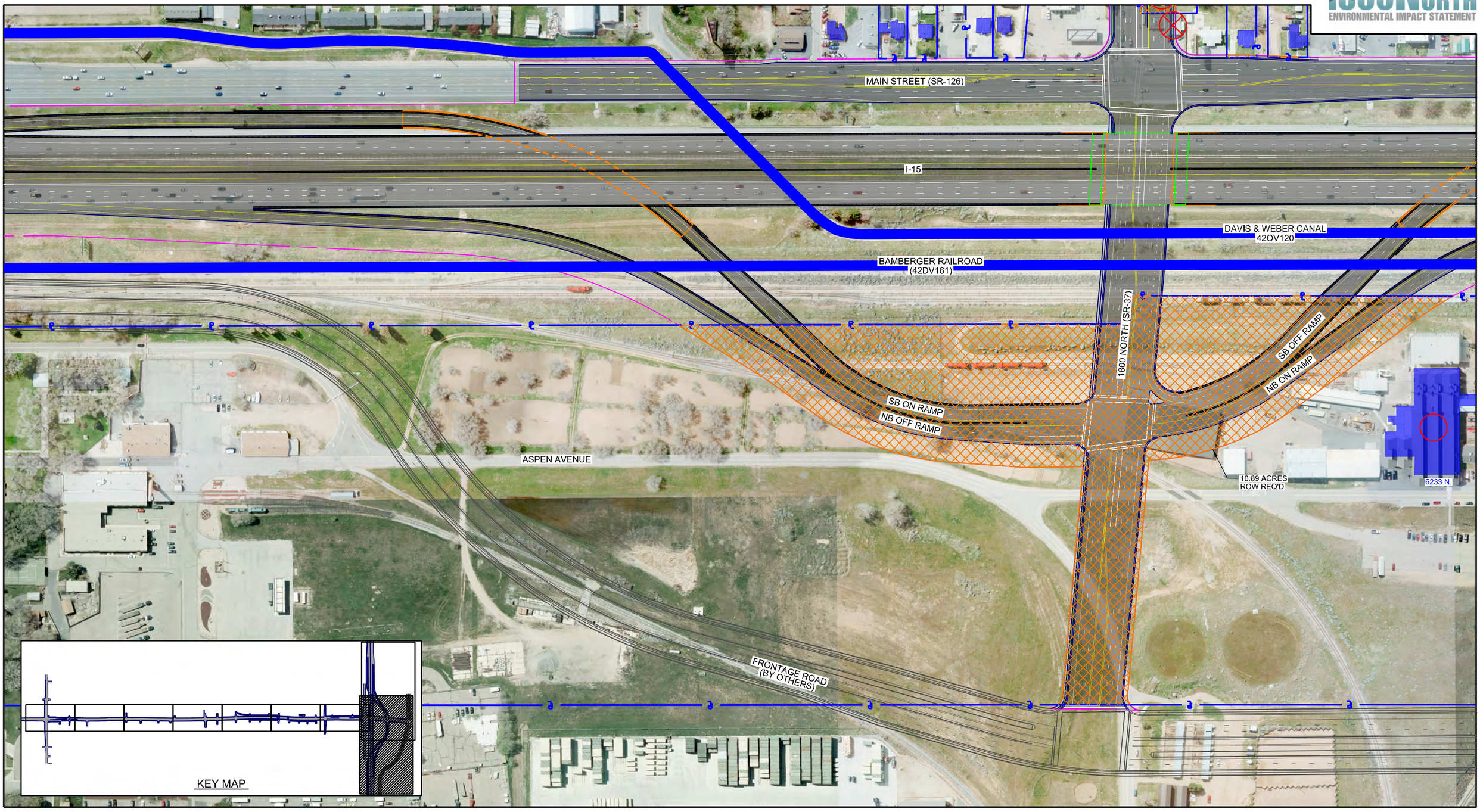
N

0 100 200 400
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE B

SHEET 12



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
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- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
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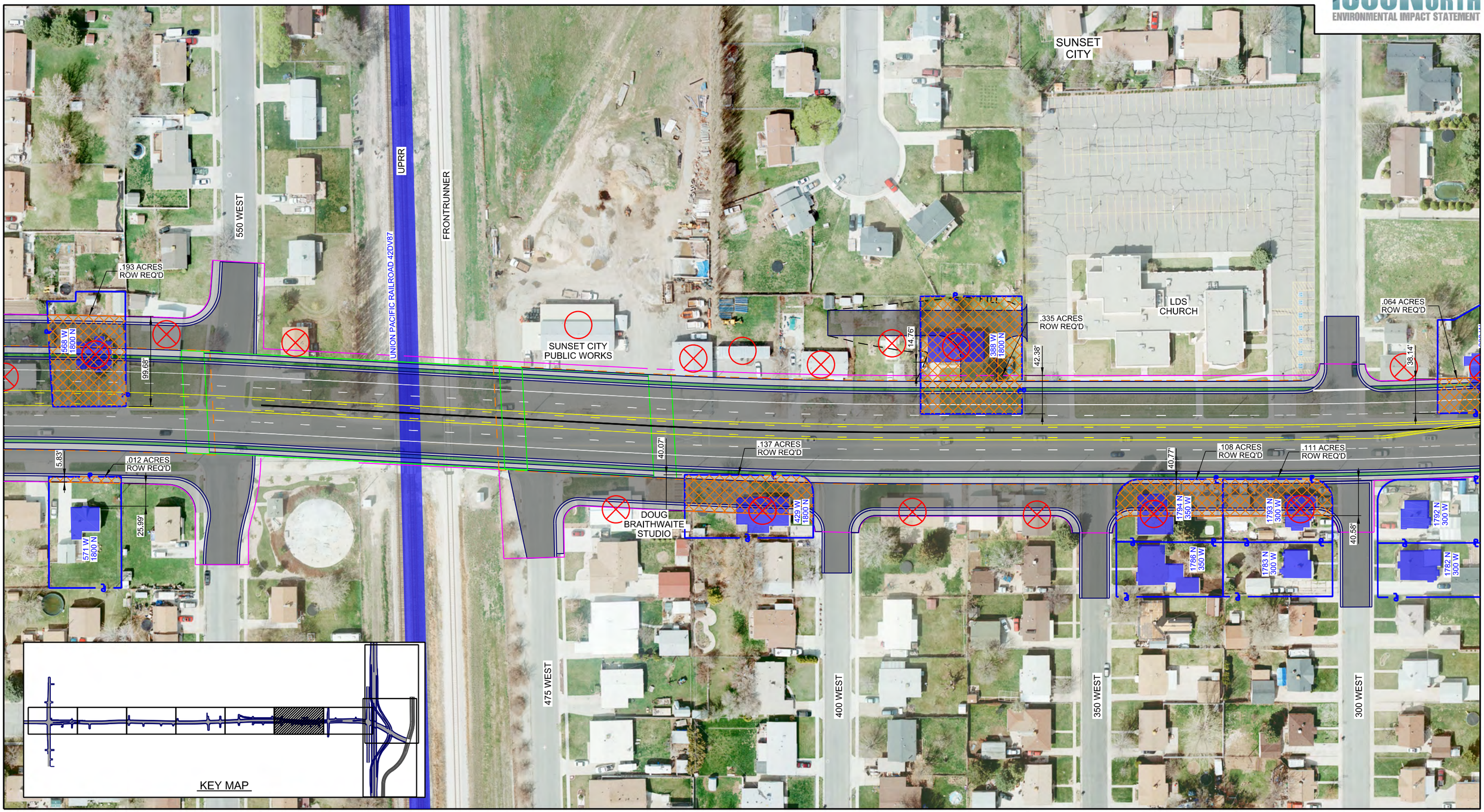
N

0 100 200 400
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE B

SHEET 13



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

N

0 50 100 200
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE C

SHEET 14

LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

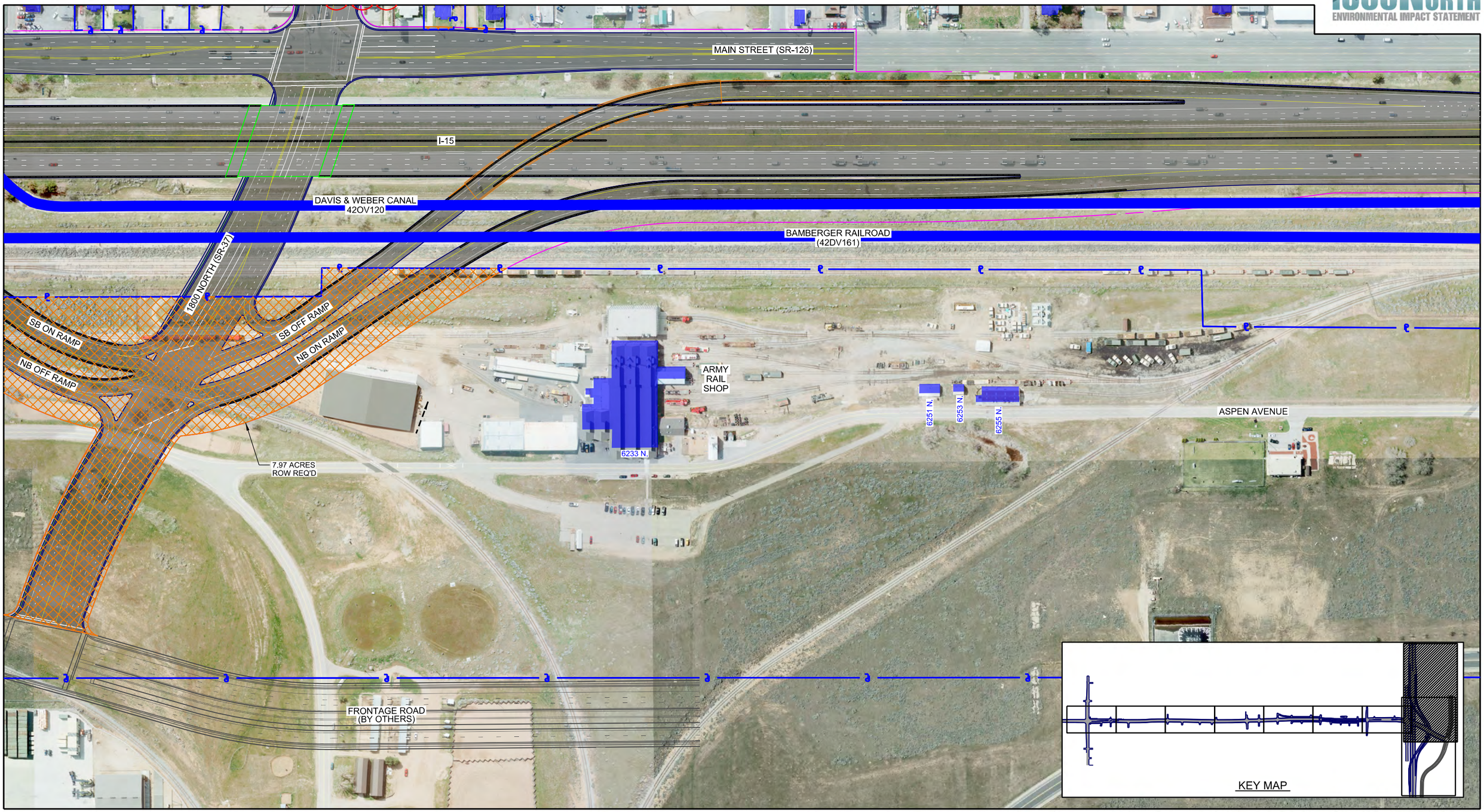
- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

N

0 50 100 200
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE C

SHEET 15



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

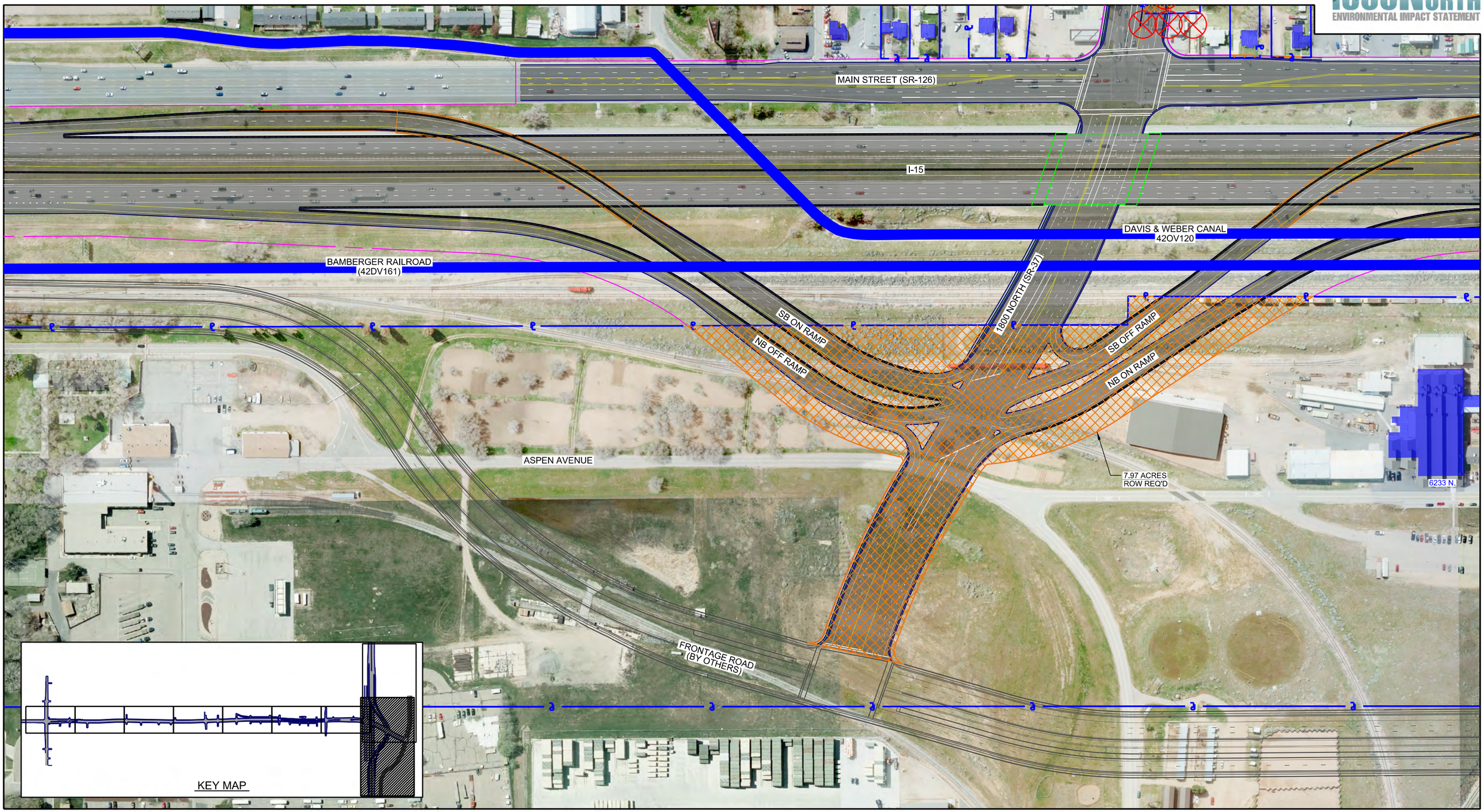
- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

N

0 100 200 400
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE C

SHEET 16



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

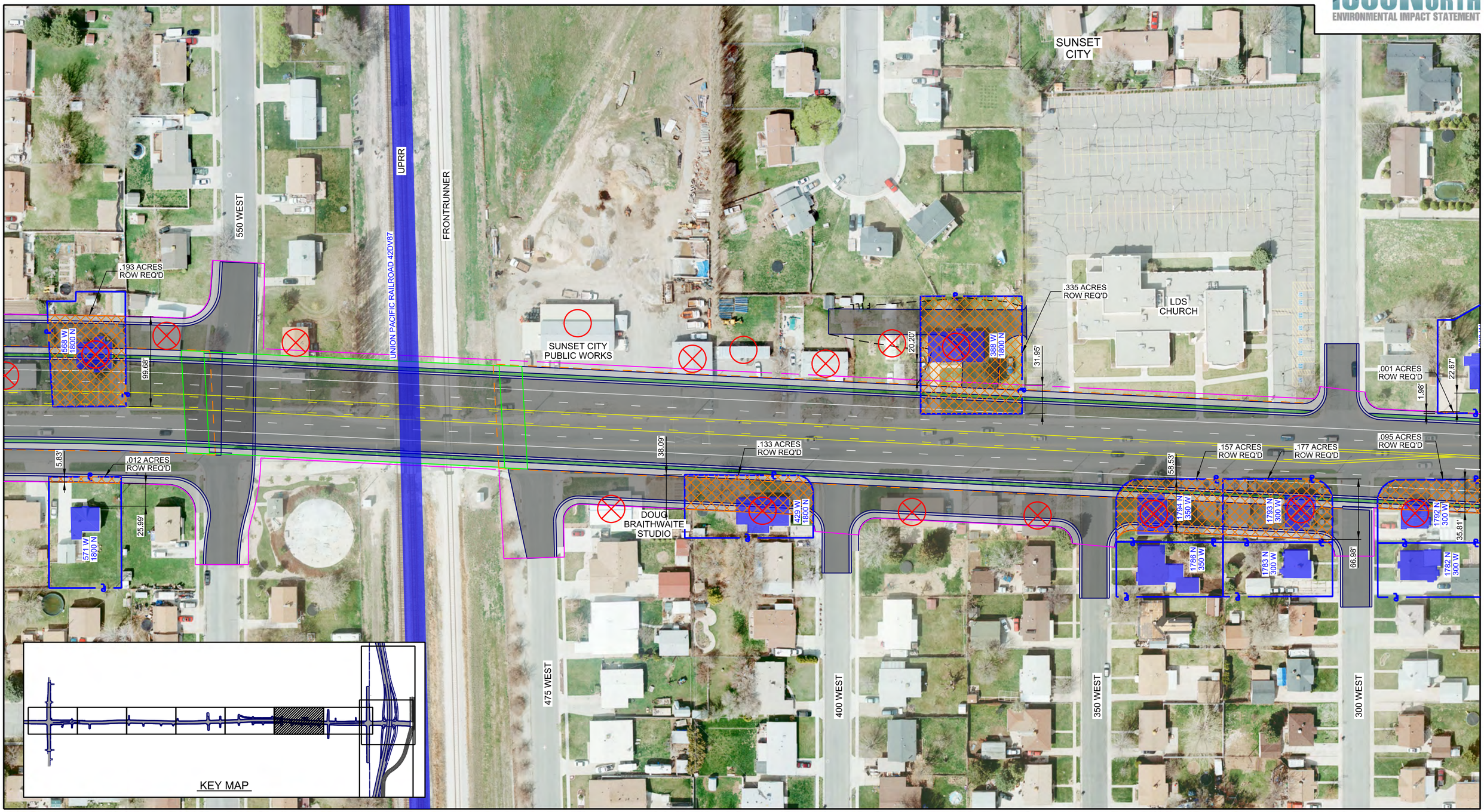
- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

N

0 100 200 400
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE C

SHEET 17



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

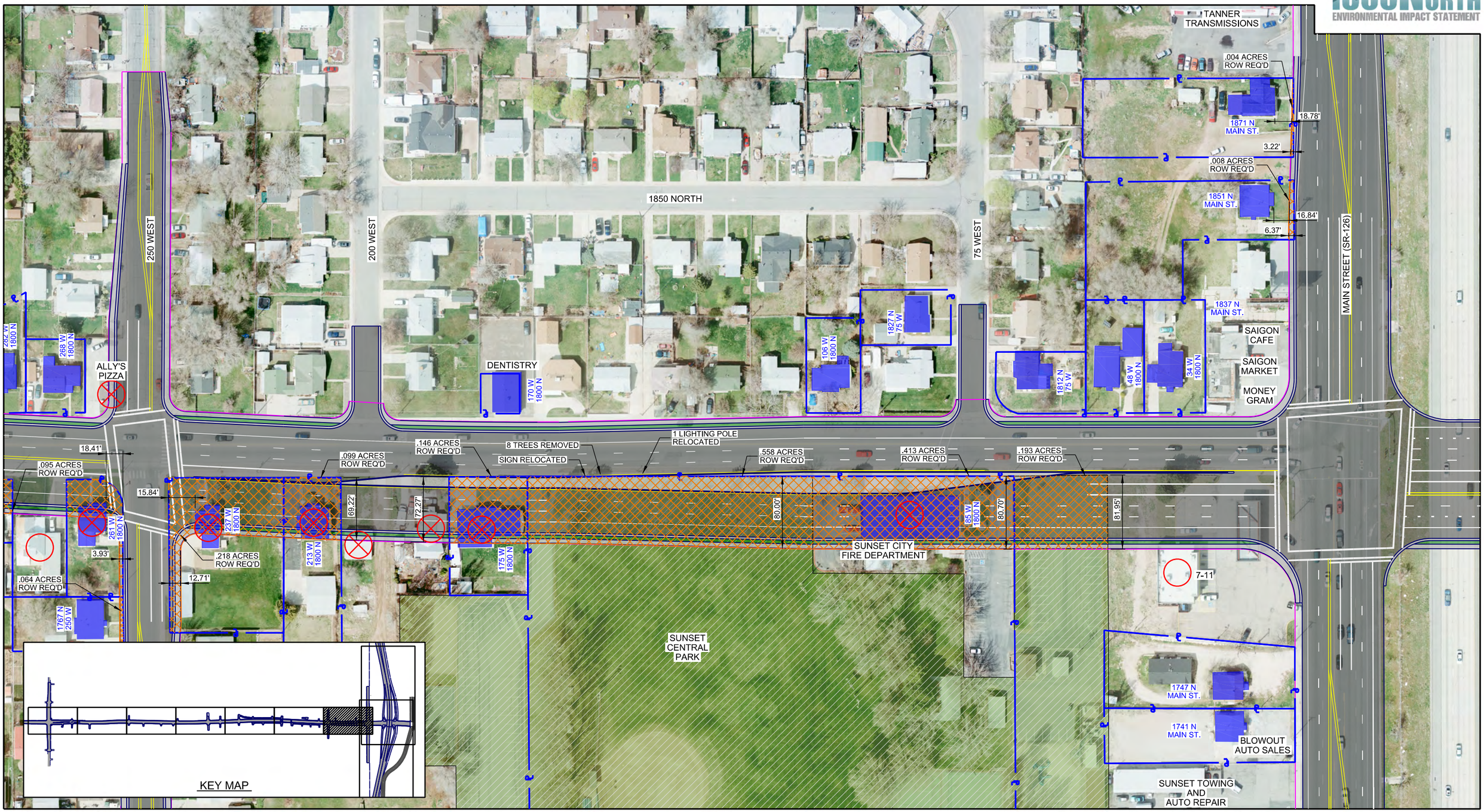
- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

N

0 50 100 200
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE D

SHEET 18



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

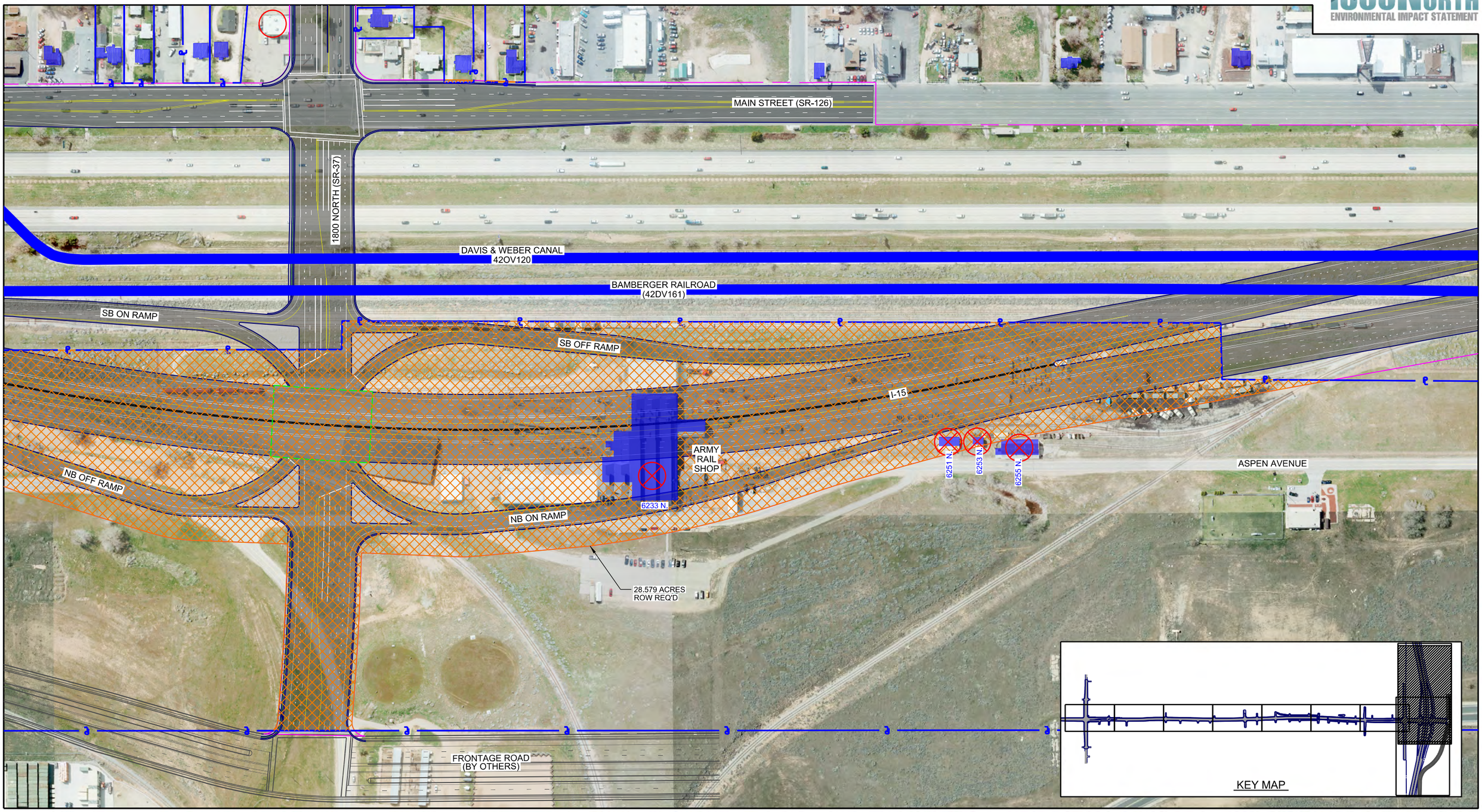
- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

N

0 50 100 200
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE D

SHEET 19



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

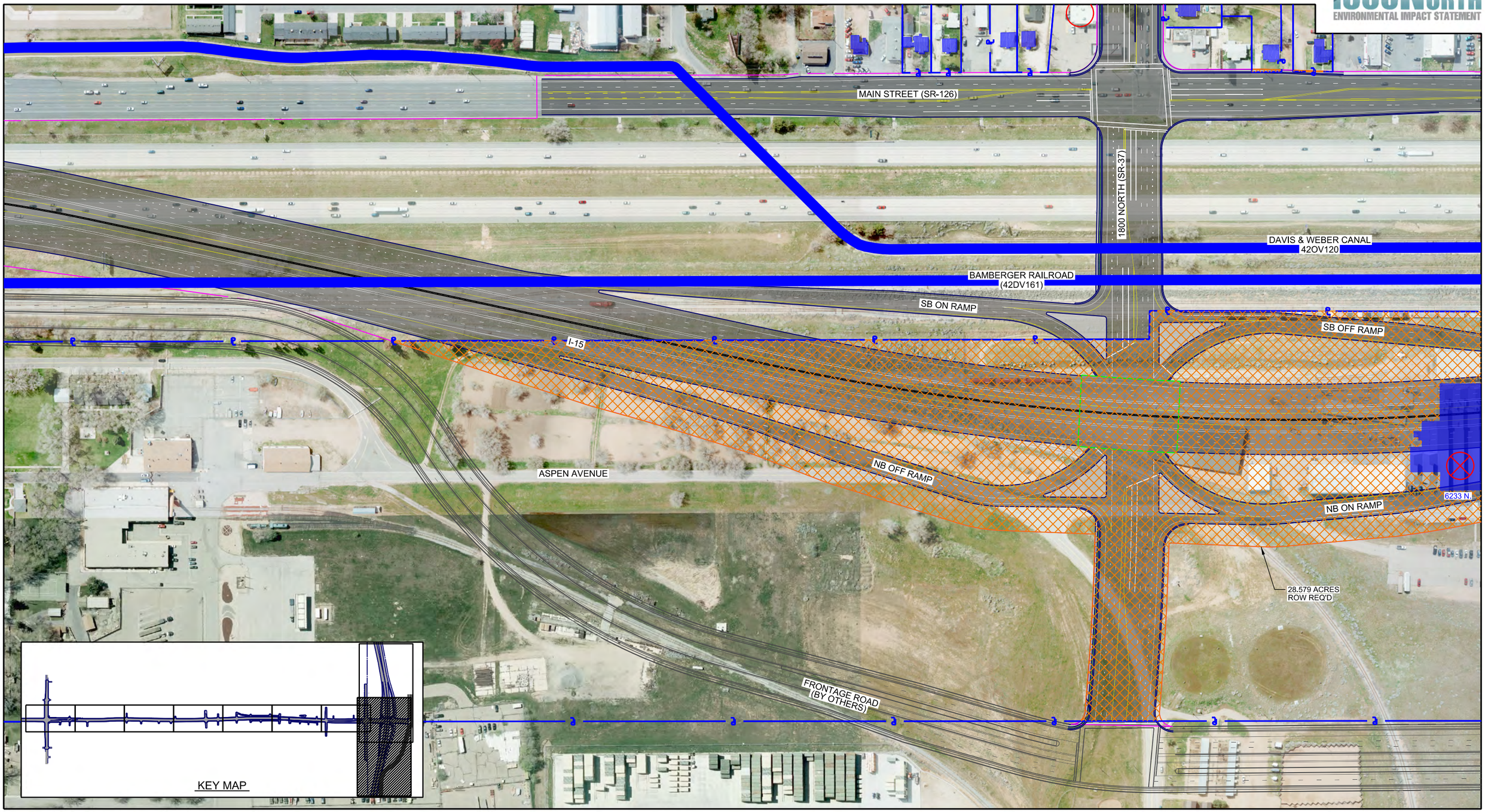
- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

N

0 100 200 400
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE D

SHEET 20



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

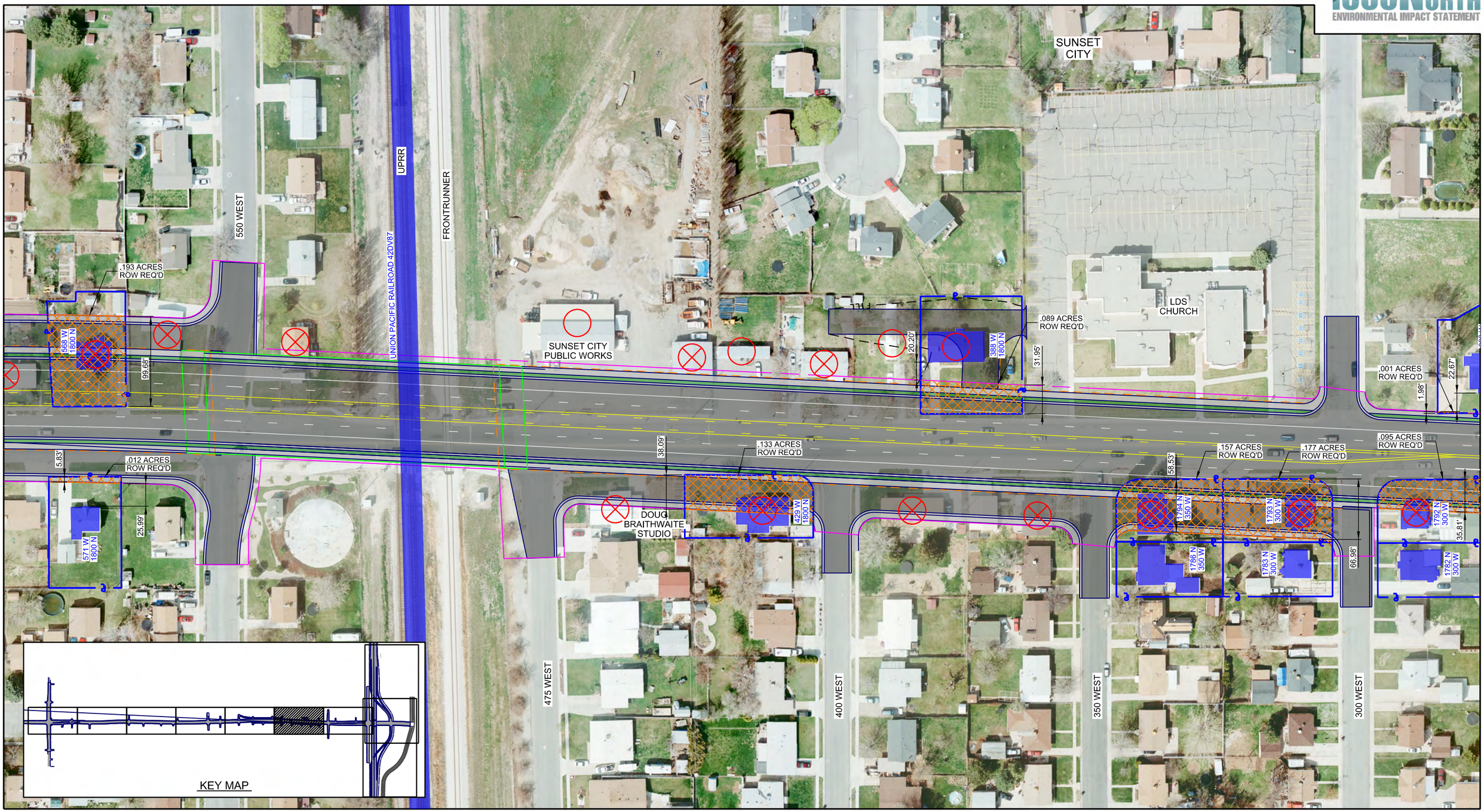
- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

N

0 100 200 400
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE D

SHEET 21



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

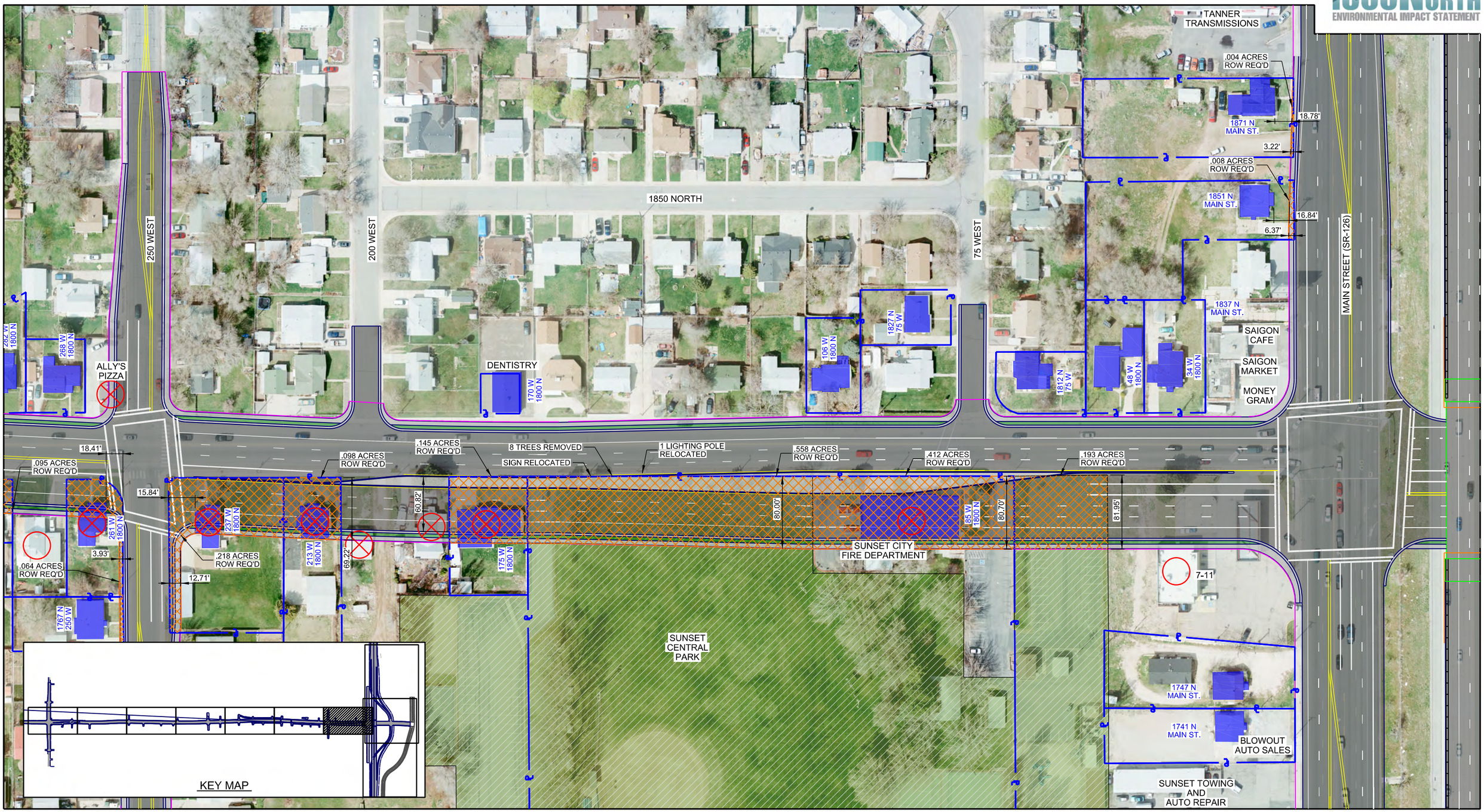
- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

N

0 50 100 200
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE E

SHEET 22



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

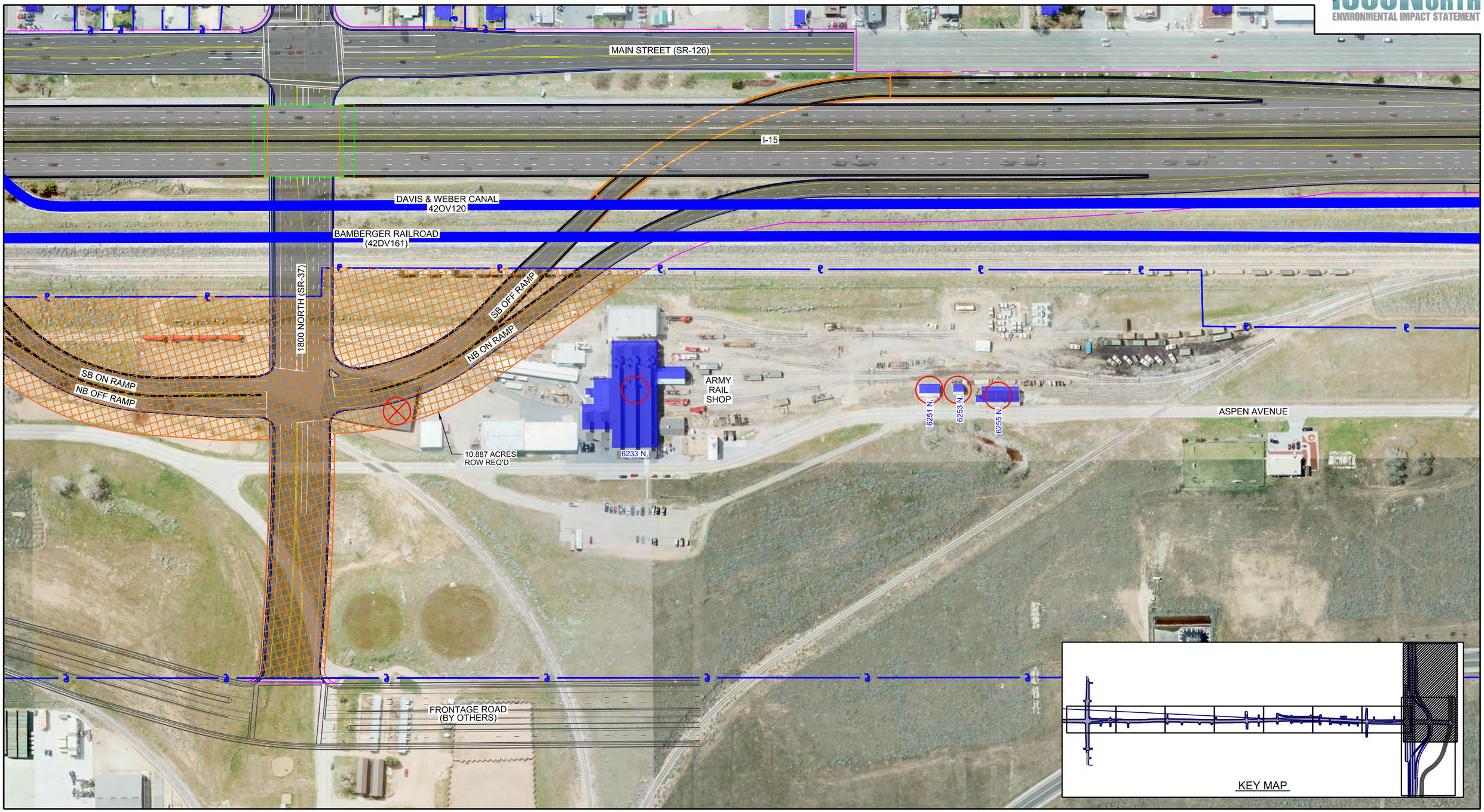
- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

N

0 50 100 200
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE E

SHEET 23



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

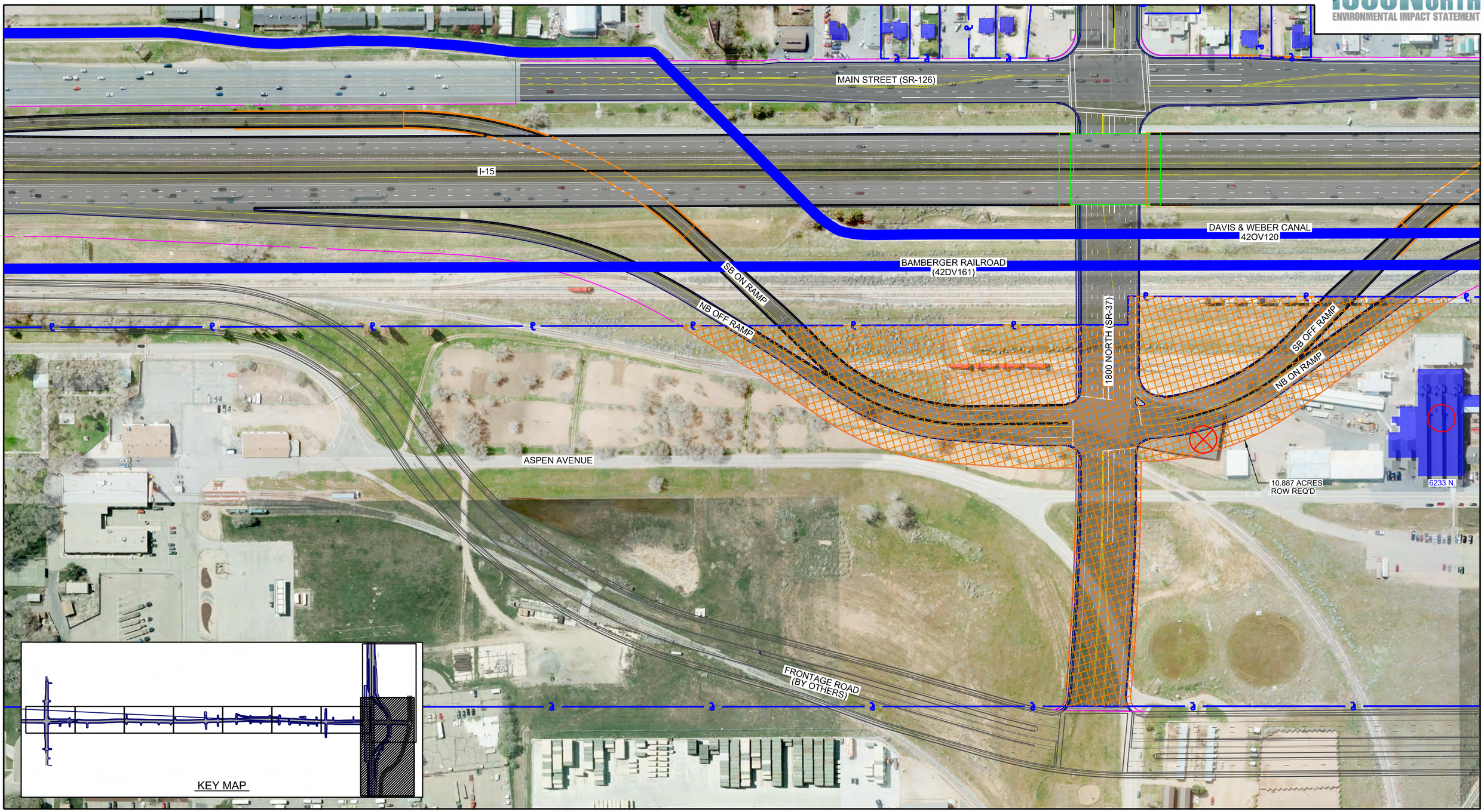
- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

N

0 100 200 400
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE E

SHEET 24



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

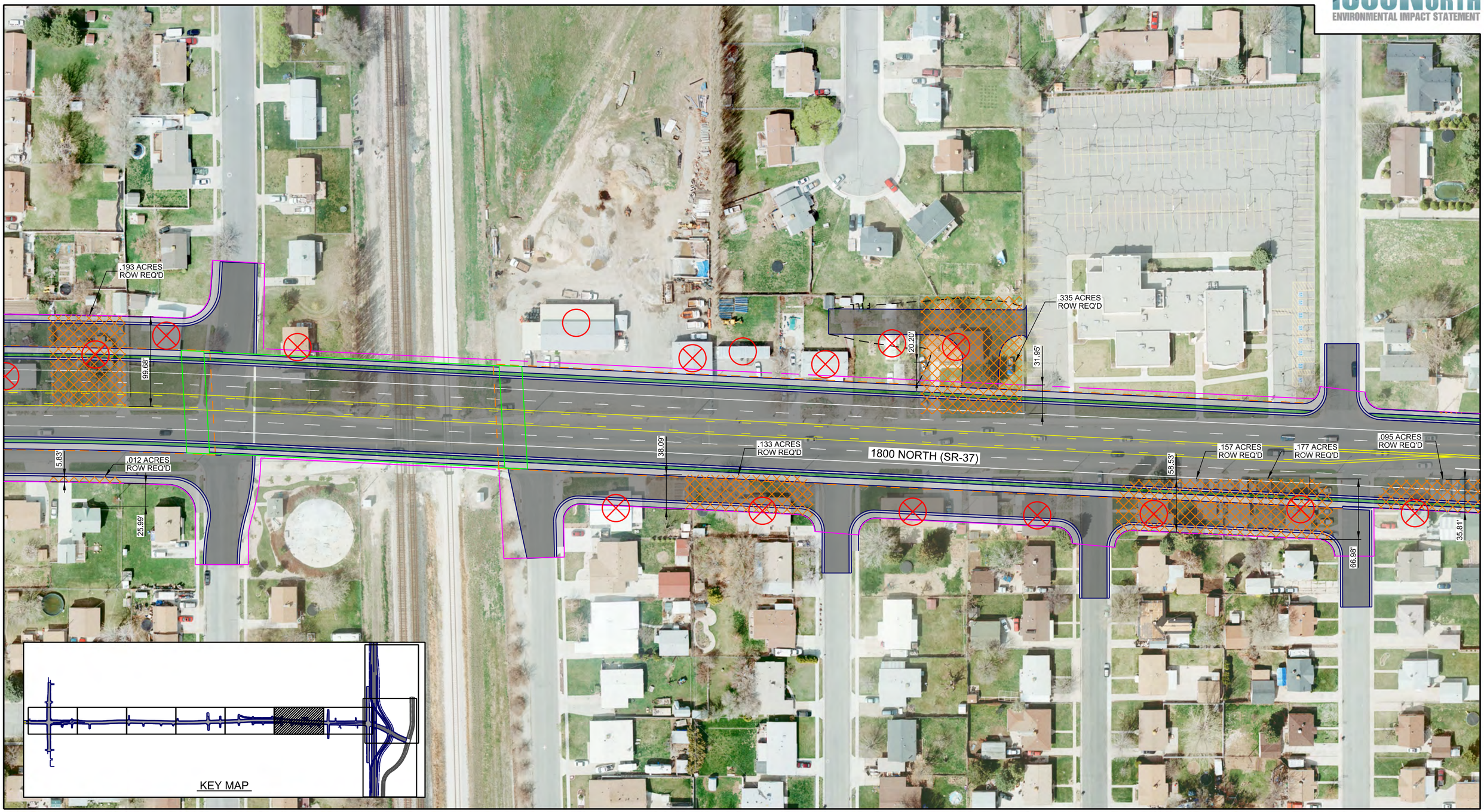
- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

N

0 100 200 400
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE E

SHEET 25



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

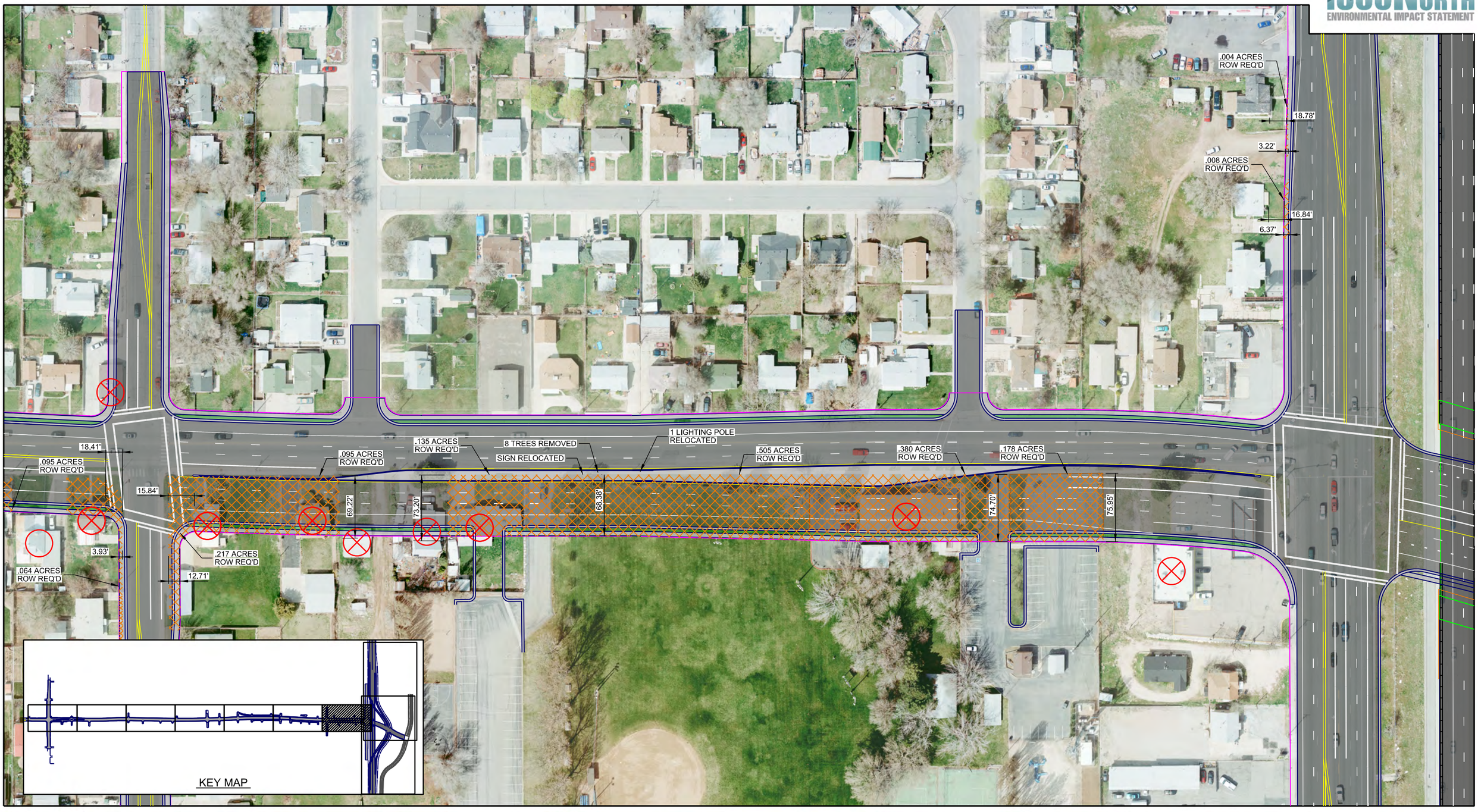
- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

N

0 50 100 200
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE F

SHEET 26



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

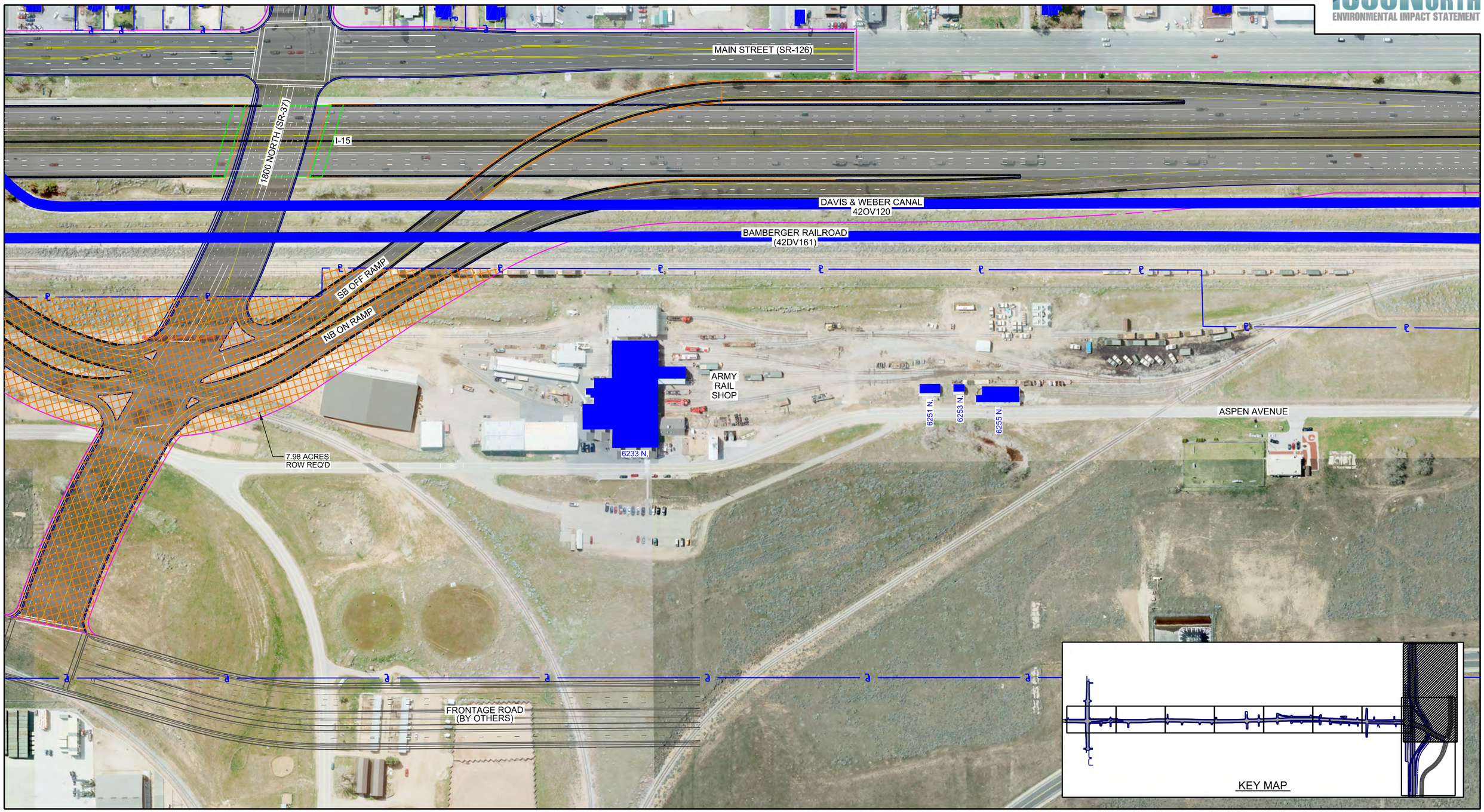
- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

N

0 50 100 200
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE F

SHEET 27



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

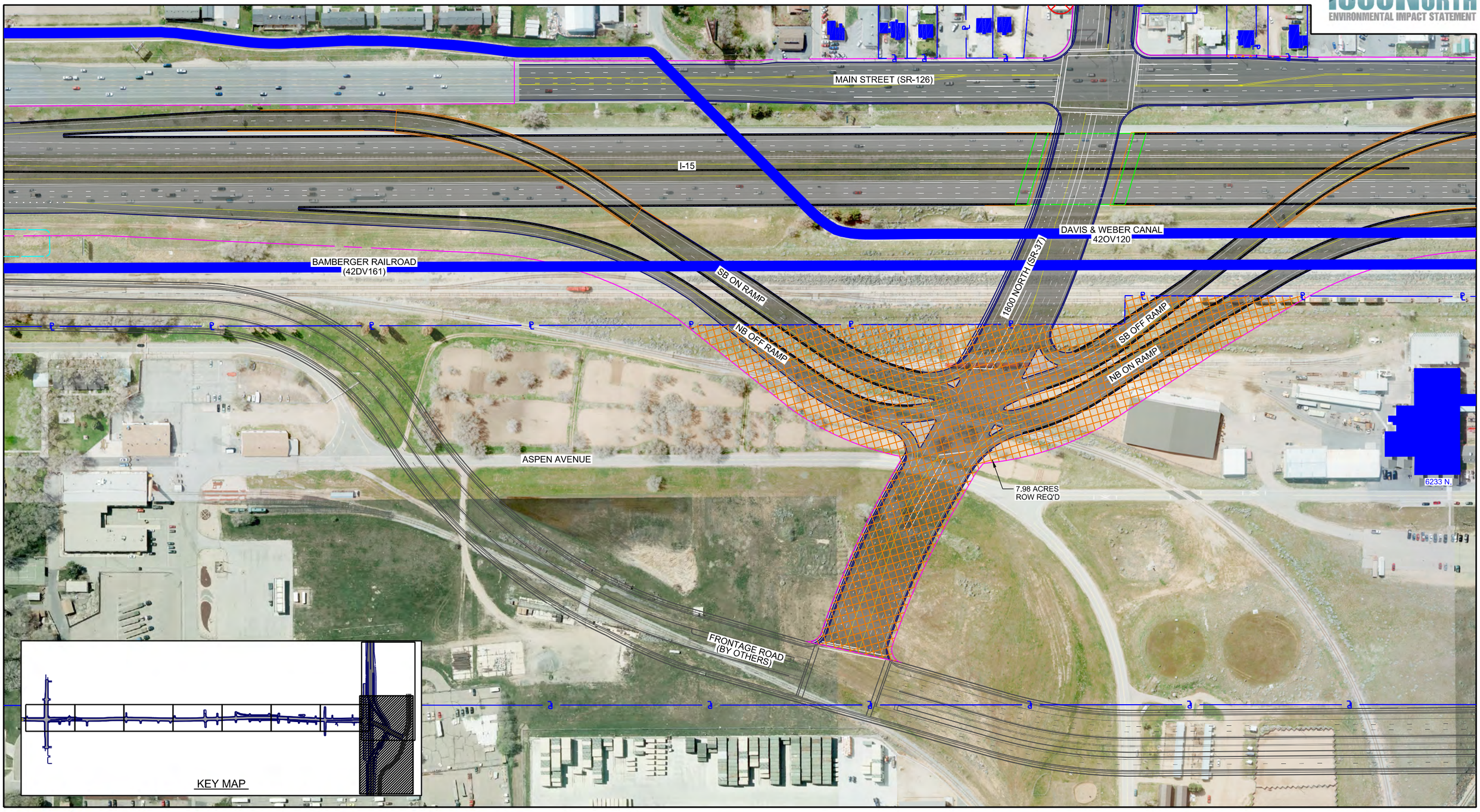
- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

N

0 100 200 400
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE F

SHEET 28



LEGEND:

- SECTION 4(f) RESOURCE - HISTORIC STRUCTURE
- SECTION 4(f) RESOURCE - PARK
- SECTION 4(f) RESOURCE - TRAIL
- HISTORIC BOUNDARY
- POTENTIAL RIGHT-OF-WAY ACQUISITION
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE

RELOCATIONS:

- DIRECT IMPACT TO STRUCTURE
- POTENTIAL RELOCATION (< 15 FEET FROM STRUCTURE OR REMOVAL OF ACCESS TO PROPERTY)

N

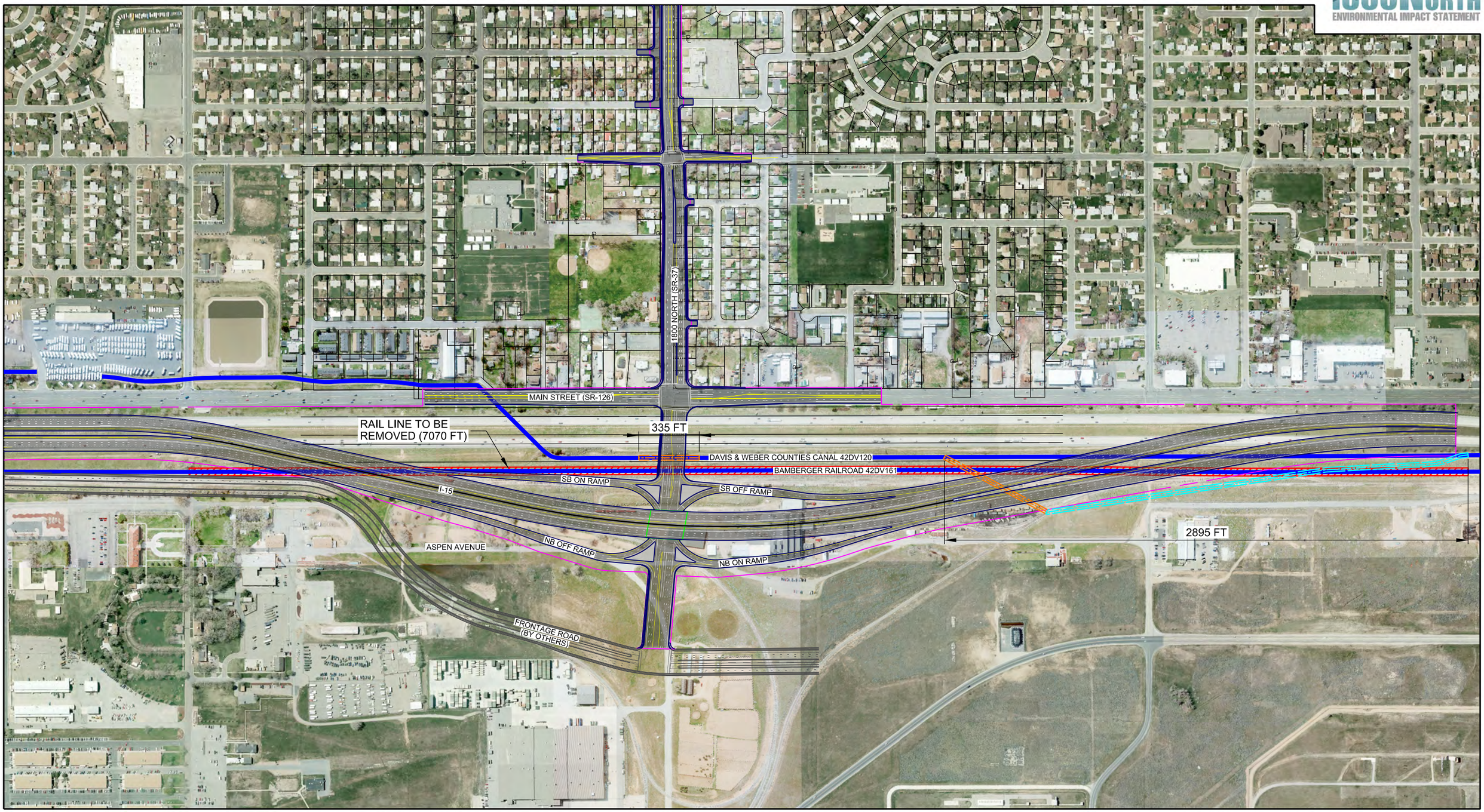
0 100 200 400
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE F

SHEET 29

SECTION 4(F) USE (ARCHAEOLOGICAL SITES)

- 1800 NORTH ALTERNATIVE A
- 1800 NORTH ALTERNATIVE B
- 1800 NORTH ALTERNATIVE C
- 1800 NORTH ALTERNATIVE D
- 1800 NORTH ALTERNATIVE E
- 1800 NORTH ALTERNATIVE F



LEGEND:

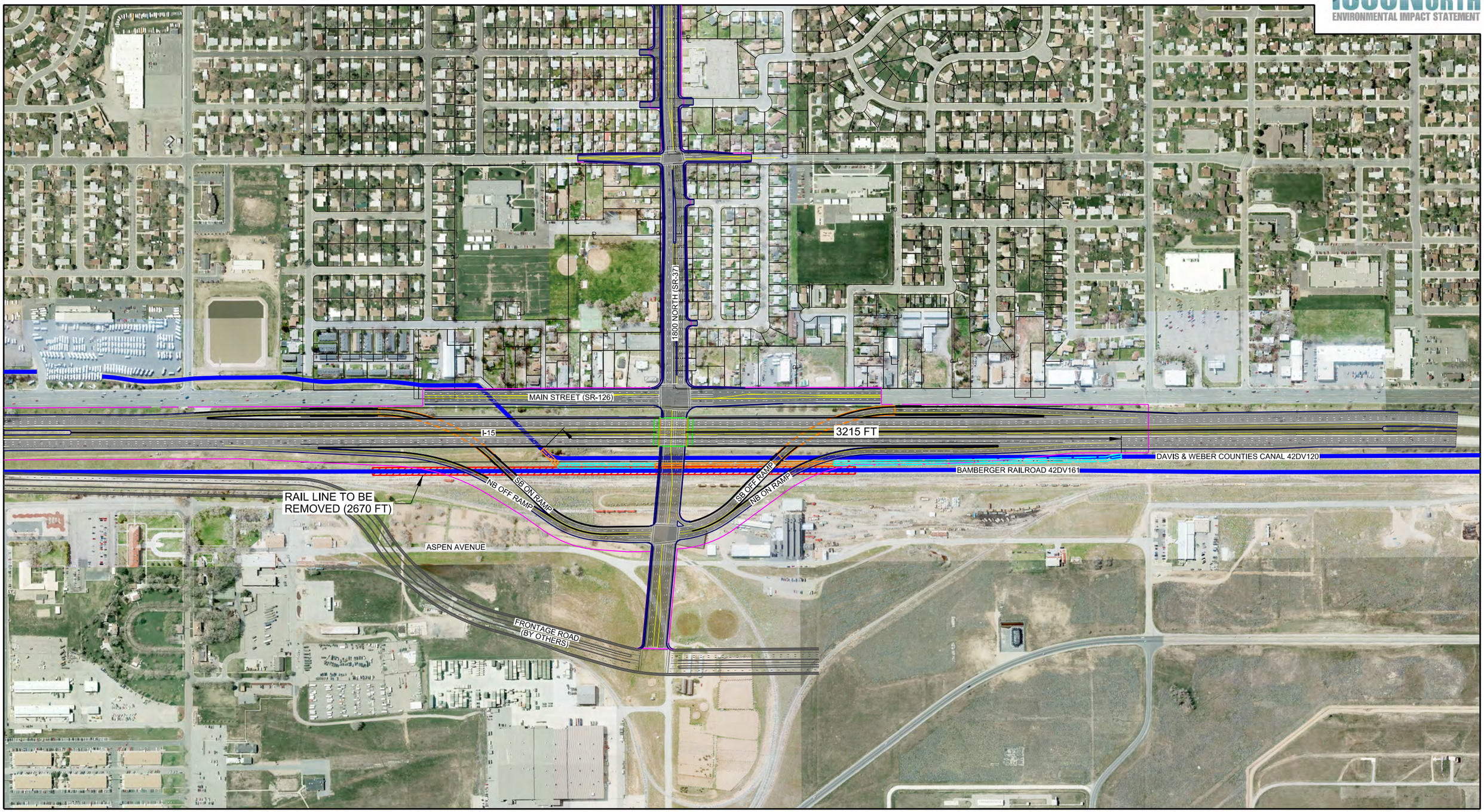
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE
- AREA OF CANAL TO BE RE-ALIGNED
- AREA OF CANAL TO BE PIPED

N

0 100 500 1000
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE A

SHEET 1



LEGEND:

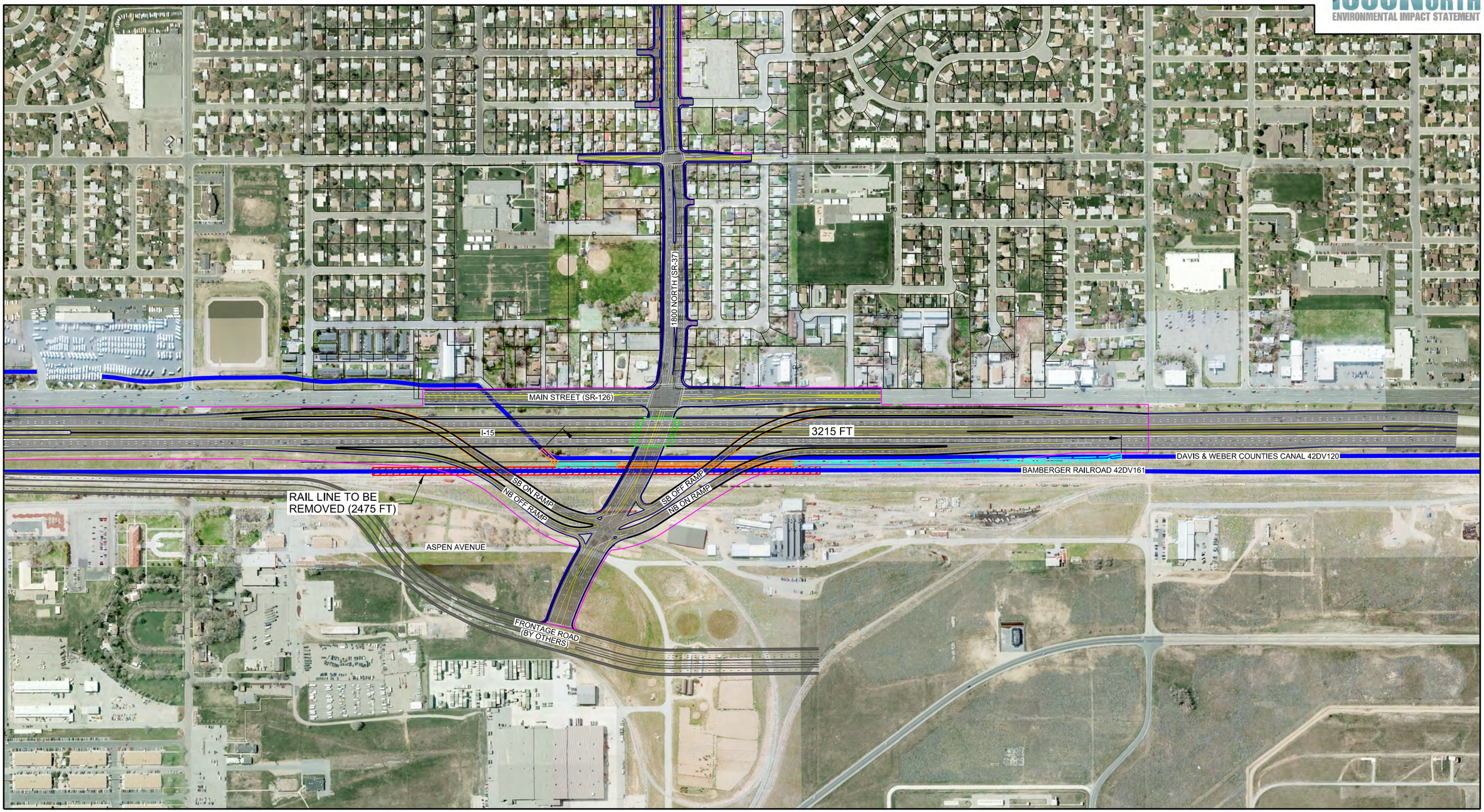
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE
- AREA OF CANAL TO BE RE-ALIGNED
- AREA OF CANAL TO BE PIPED

N

0 100 500 1000
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE B

SHEET 2



LEGEND:

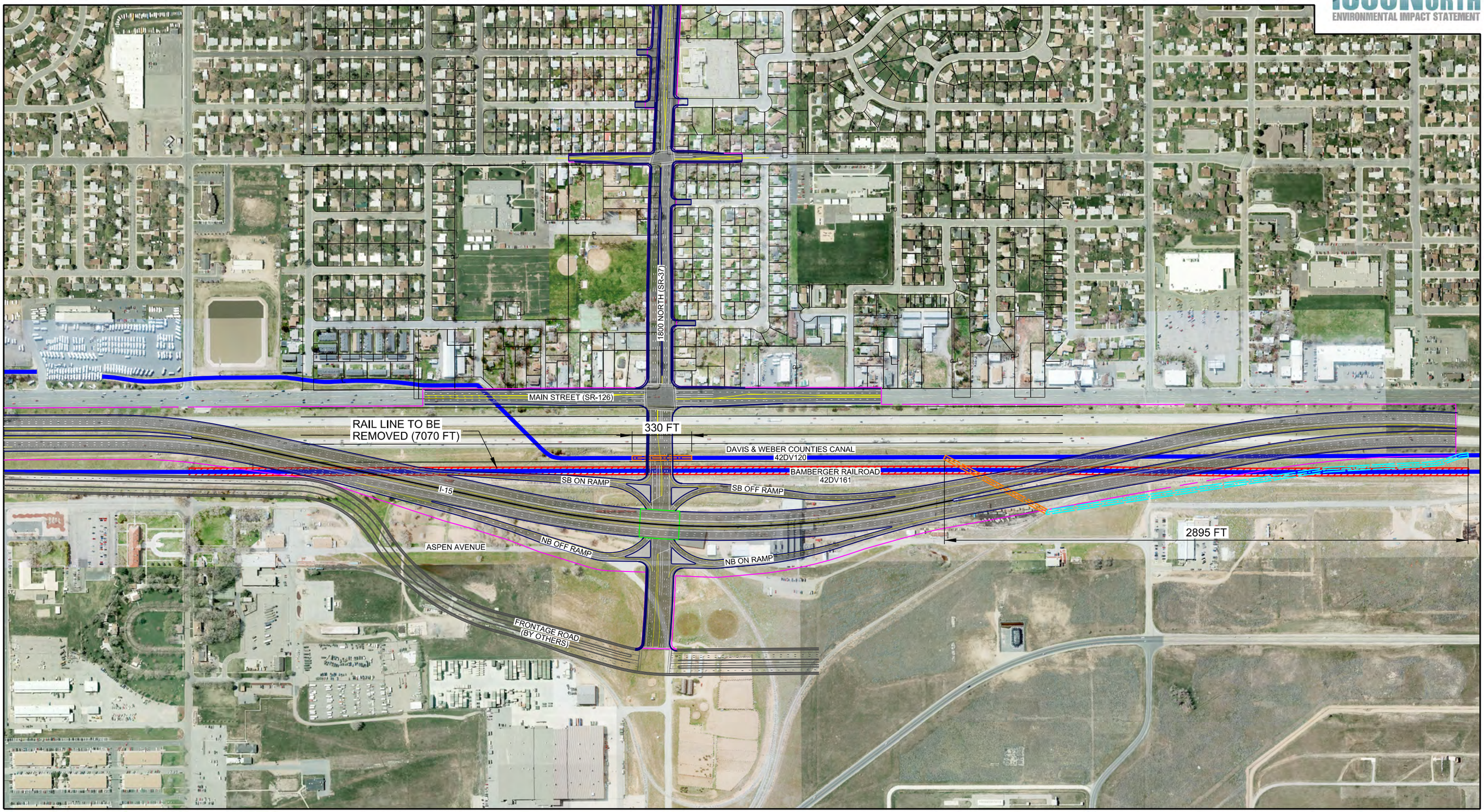
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE
- AREA OF CANAL TO BE RE-ALIGNED
- AREA OF CANAL TO BE PIPED

N

0 100 500 1000
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE C

SHEET 3



LEGEND:

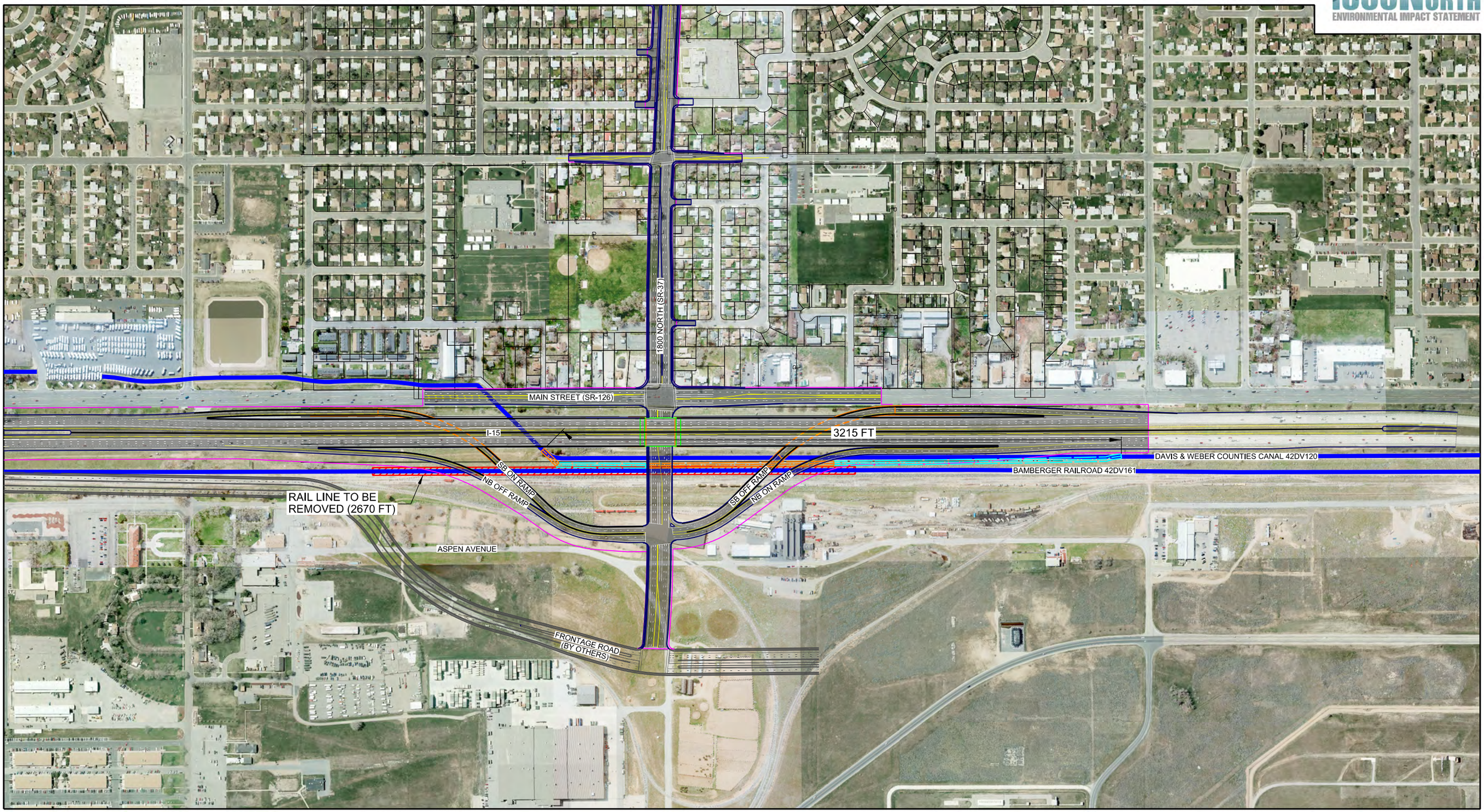
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE
- AREA OF CANAL TO BE RE-ALIGNED
- AREA OF CANAL TO BE PIPED

N

0 100 500 1000
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE D

SHEET 4



LEGEND:

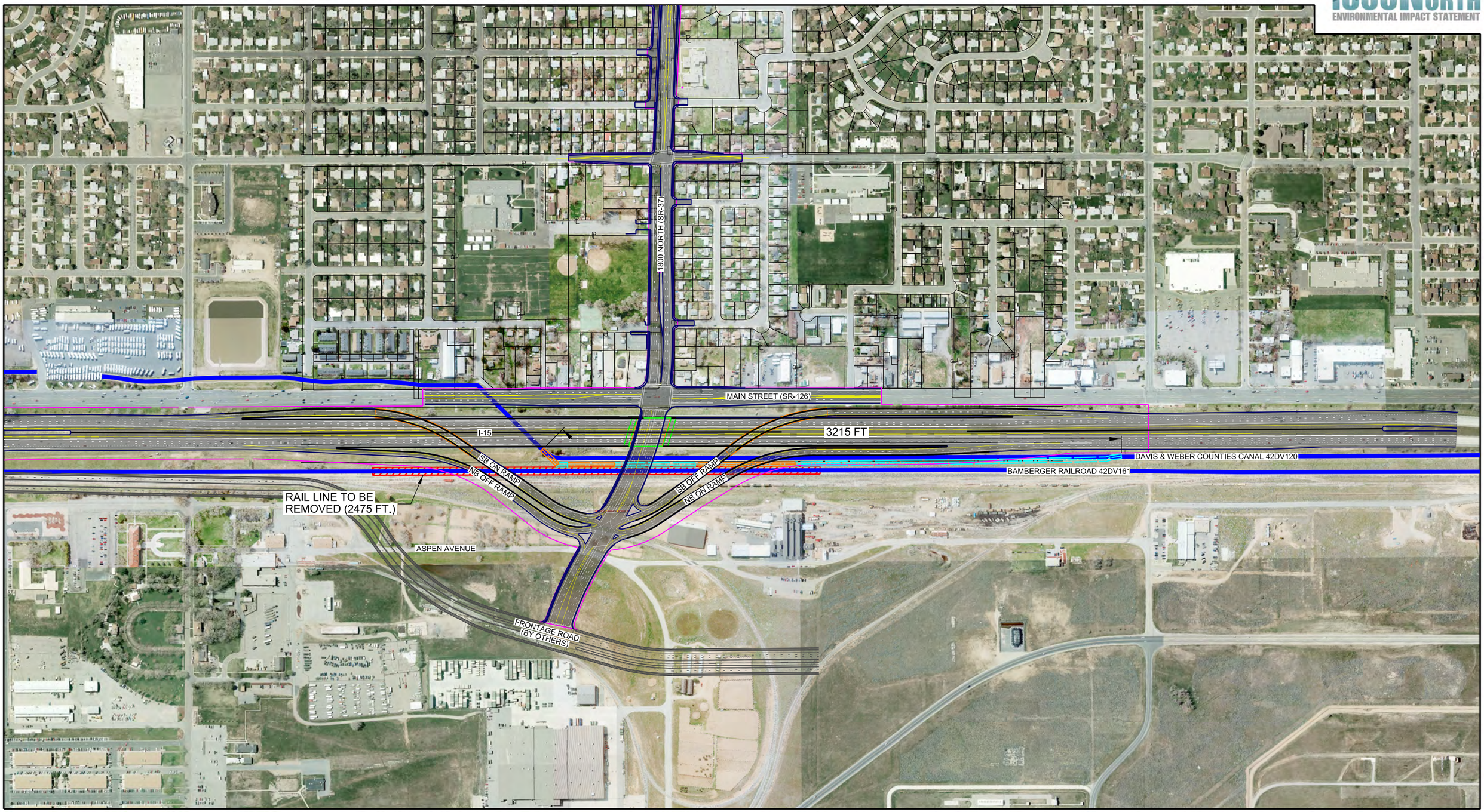
- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE
- AREA OF CANAL TO BE RE-ALIGNED
- AREA OF CANAL TO BE PIPED

N

0 100 500 1000
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE E

SHEET 5



LEGEND:

- SECTION 4(f) RESOURCE - ARCHAEOLOGICAL SITE
- AREA OF CANAL TO BE RE-ALIGNED
- AREA OF CANAL TO BE PIPED

N

0 100 500 1000
FEET

SECTION 4(f) USE
1800 NORTH
ALTERNATIVE F

SHEET 6