

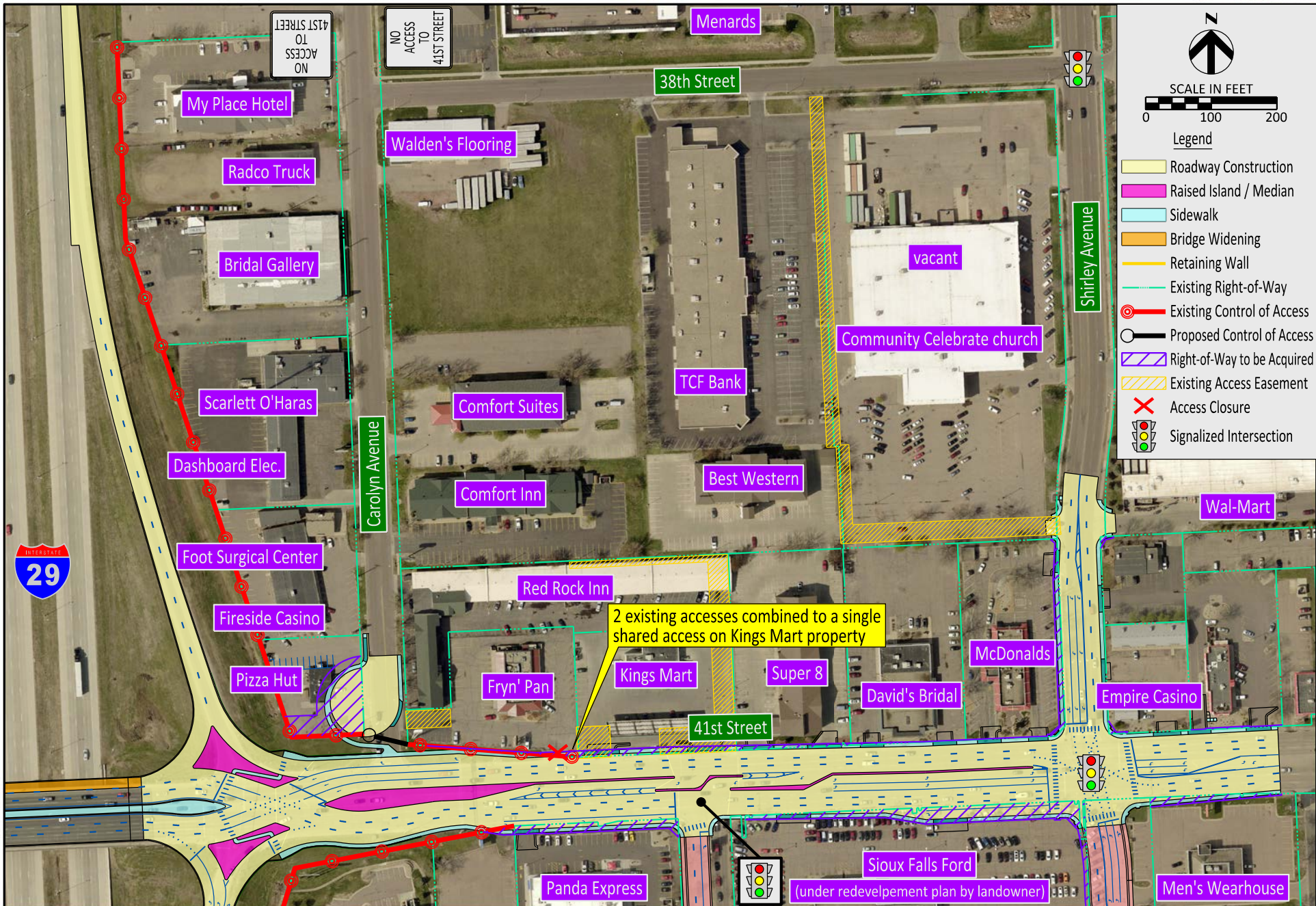


Drawn By: B. Miller  
 Date: 5/8/2019  
 Chkd By: J. Unruh  
 Date: 5/8/2019  
 Revision:



**Carolyn Avenue and Shirley Avenue Area**  
**Existing Conditions**  
 41st Street Corridor Detailed Design

Sioux Falls, South Dakota



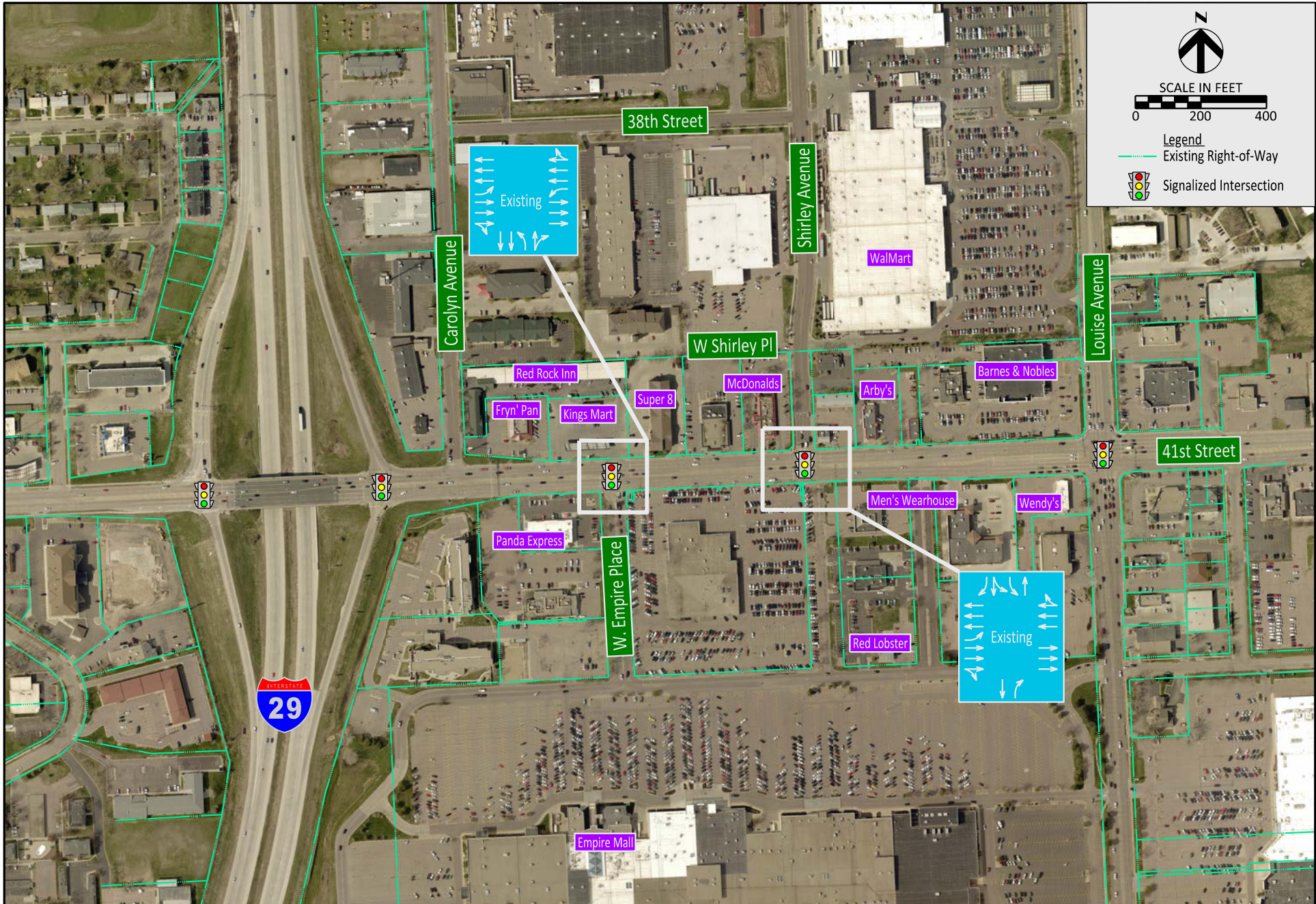
Drawn By: B. Miller  
Date: 5/8/2019  
Chkd By: J. Unruh  
Date: 5/8/2019  
Revision:



**Carolyn Avenue and Shirley Avenue Area  
Proposed Improvements**

41st Street Corridor Detailed Design

Sioux Falls, South Dakota



SCALE IN FEET  
0 200 400

- Legend
- Existing Right-of-Way
  - Signalized Intersection

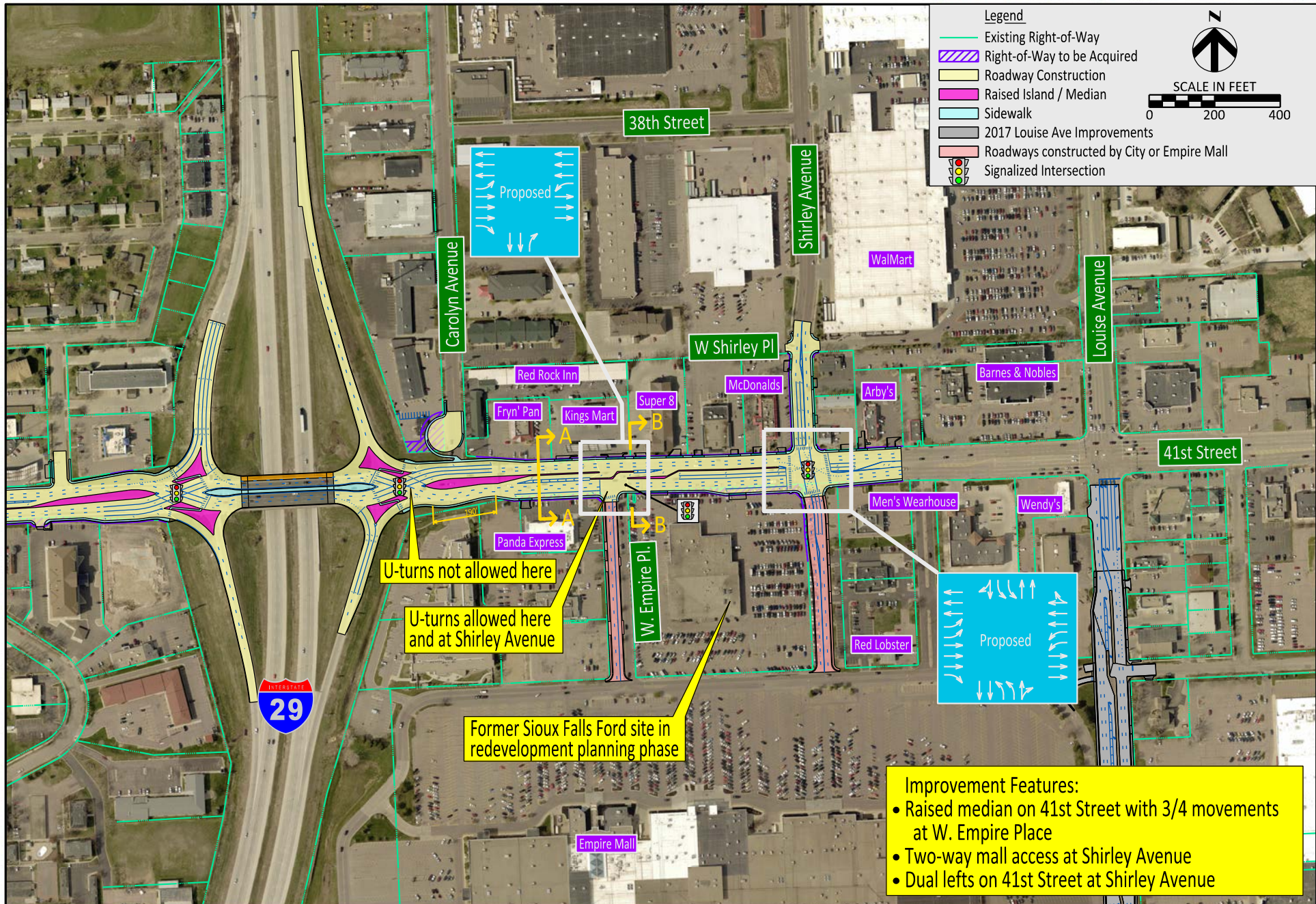
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41st Street from I-29 to east of Shirley Avenue  
Existing Conditions

41st Street Corridor Detailed Design

Sioux Falls, South Dakota



**Legend**

- Existing Right-of-Way
- Right-of-Way to be Acquired
- Roadway Construction
- Raised Island / Median
- Sidewalk
- 2017 Louise Ave Improvements
- Roadways constructed by City or Empire Mall
- Signalized Intersection

SCALE IN FEET  
0 200 400

U-turns not allowed here

U-turns allowed here and at Shirley Avenue

Former Sioux Falls Ford site in redevelopment planning phase

**Improvement Features:**

- Raised median on 41st Street with 3/4 movements at W. Empire Place
- Two-way mall access at Shirley Avenue
- Dual lefts on 41st Street at Shirley Avenue

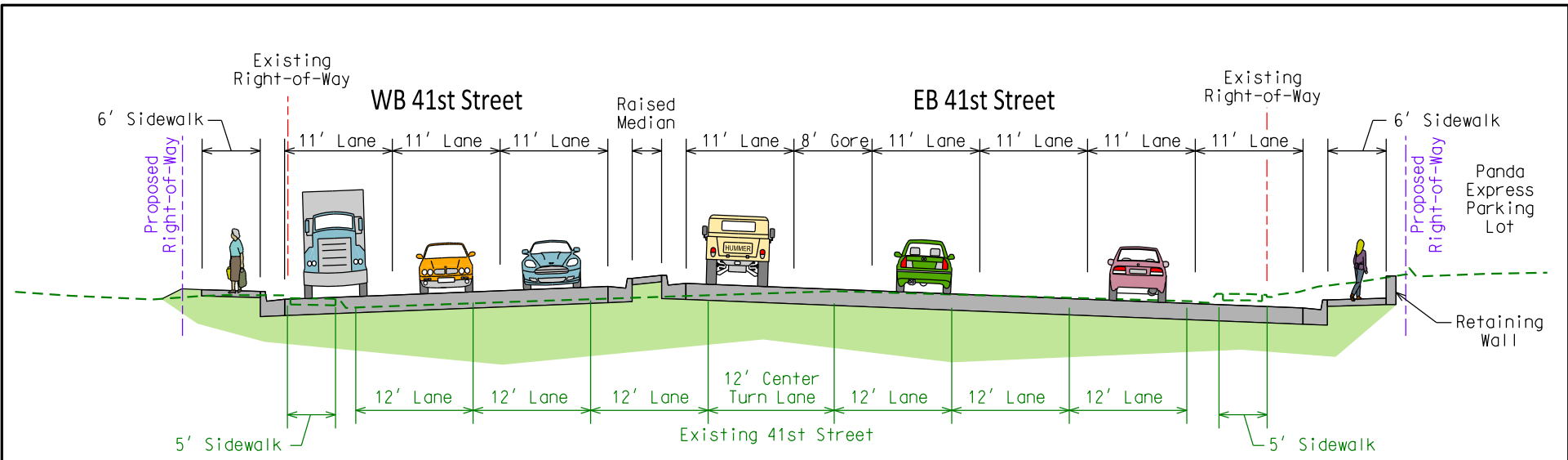
Drawn By: B. Miller  
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Revision:



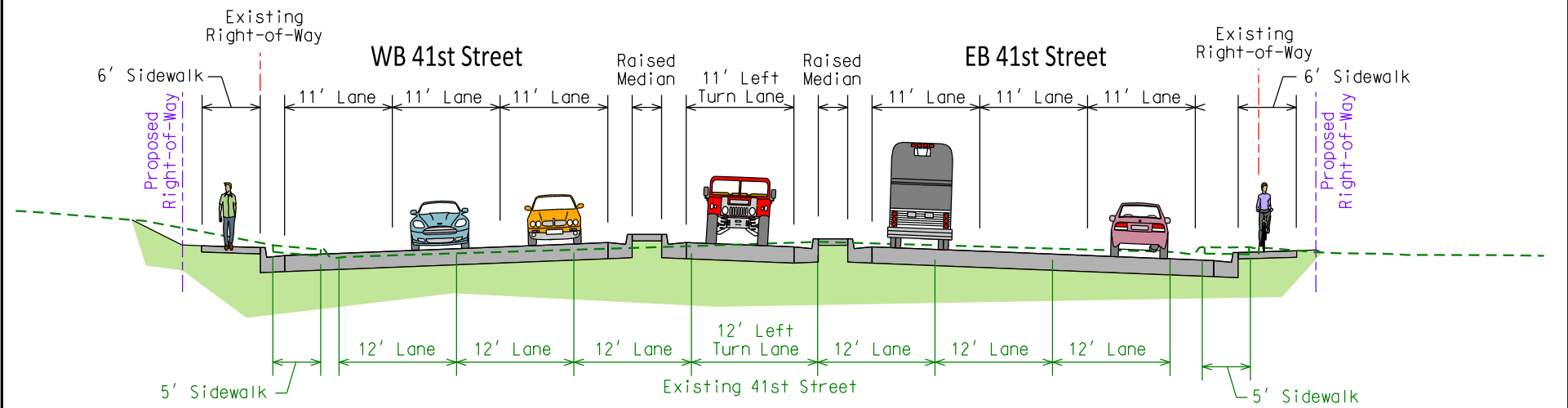
**41st Street from I-29 to east of Shirley Avenue  
Proposed Improvements**

41st Street Corridor Detailed Design

Sioux Falls, South Dakota



**SECTION A-A**  
LOOKING EAST



**SECTION B-B**  
LOOKING EAST

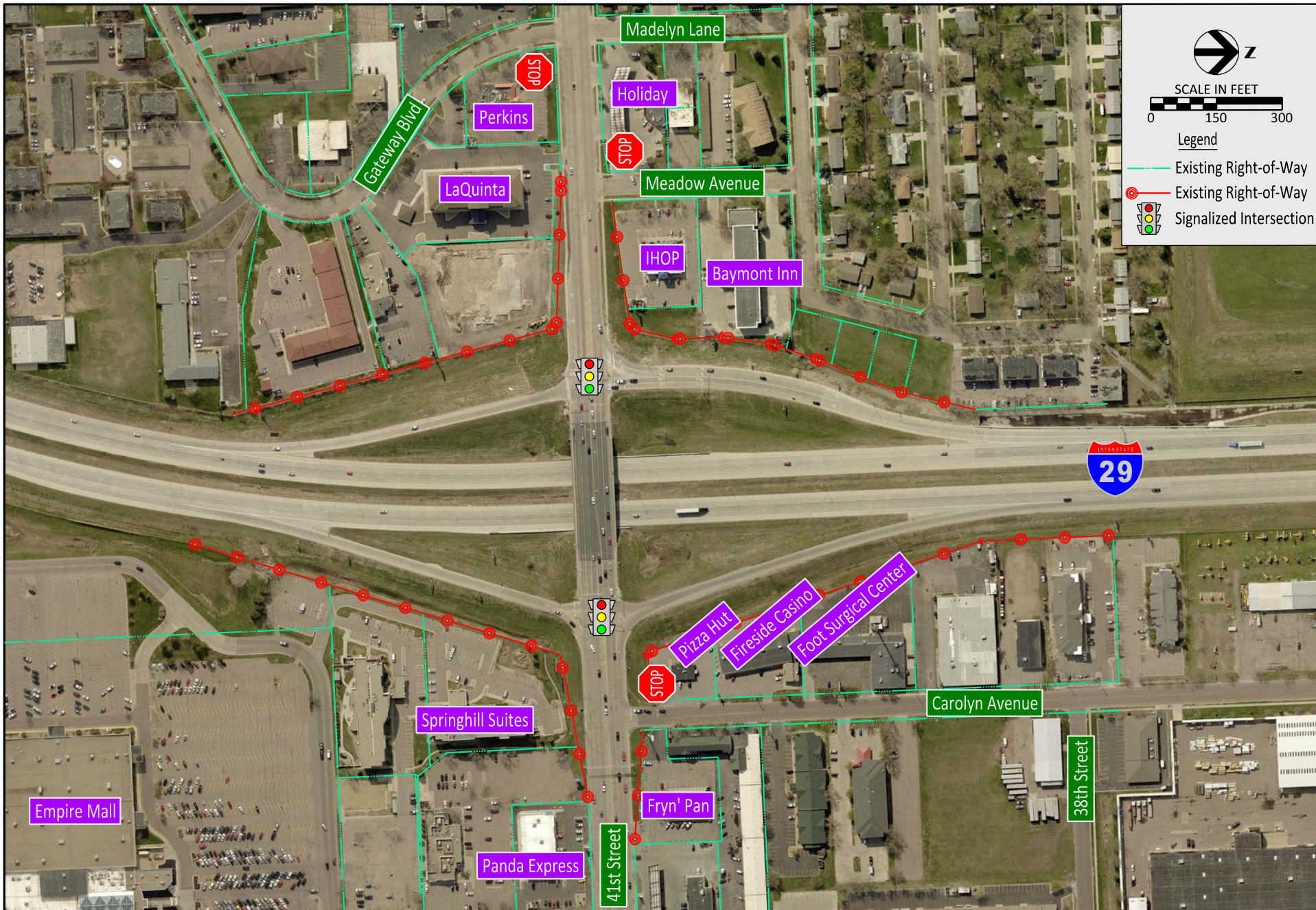
Drawn By: B. Miller  
Date: 5/8/2019  
Chkd By: J. Unruh  
Date: 5/8/2019  
Revision:



**41st Street from I-29 to east of Shirley Avenue**  
**Proposed Improvements - Typical Sections**

41st Street Corridor Detailed Design

Sioux Falls, South Dakota



SCALE IN FEET  
  
 Legend  
 Existing Right-of-Way  
 Existing Right-of-Way  
 Signalized Intersection

Drawn By: B. Miller  
 Date: 5/8/2019  
 Chkd By: J. Unruh  
 Date: 5/8/2019  
 Revision:



**I-29 Exit 77 (41st Street) Interchange**  
**Existing Conditions**

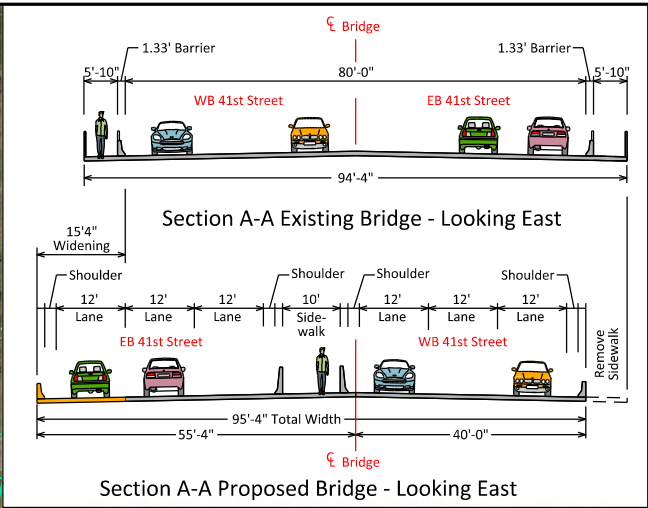
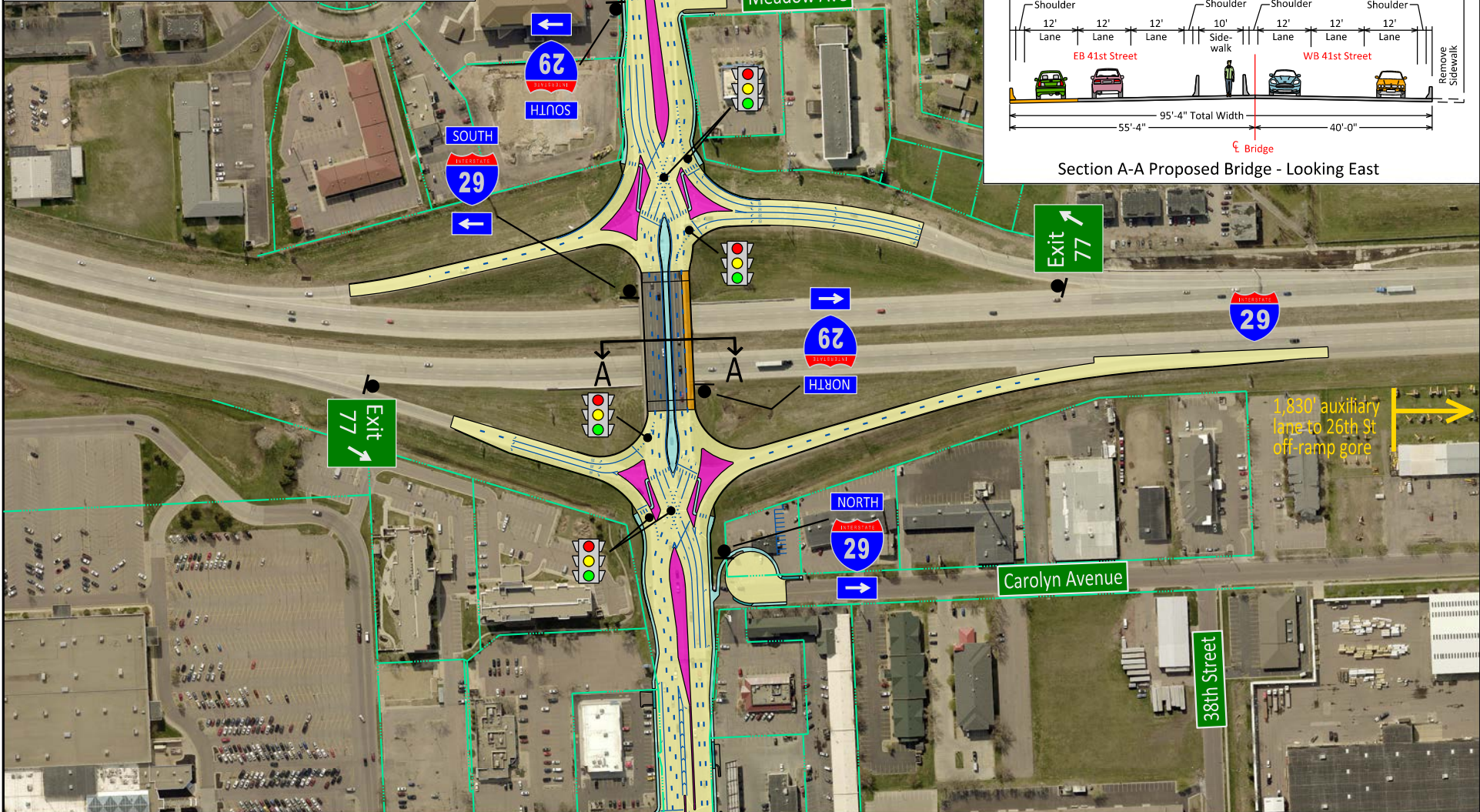
41st Street Corridor Detailed Design

Sioux Falls, South Dakota

**Legend**

- Roadway Construction
- Raised Island / Median
- Approaches
- Sidewalk
- Existing Right-of-Way
- Signalized Intersection

SCALE IN FEET

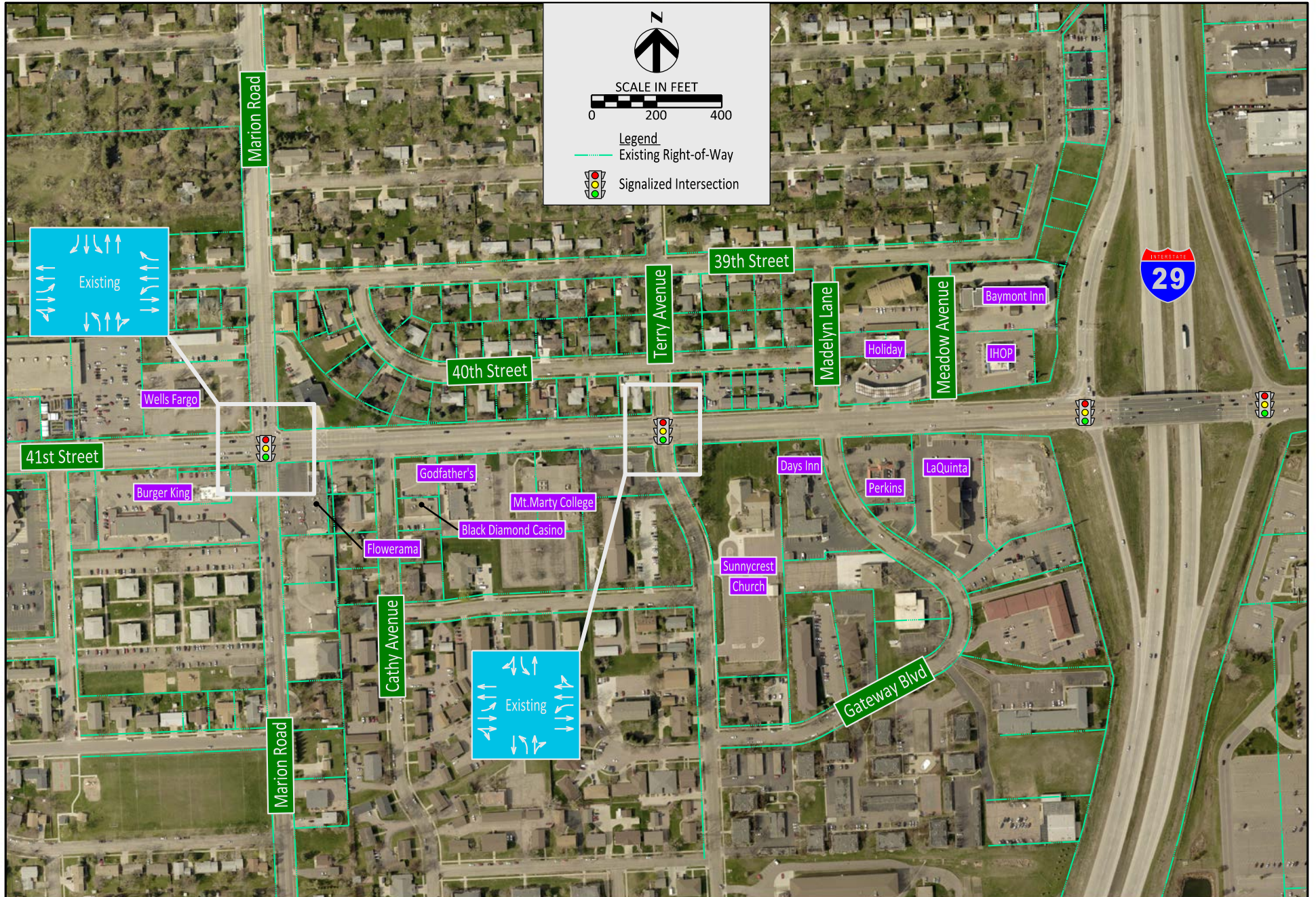


Drawn By: B. Miller  
 Date: 5/8/2019  
 Chkd By: J. Unruh  
 Date: 5/8/2019  
 Revision:



**I-29 Exit 77 (41st Street) Interchange**  
**Diverging Diamond Interchange**  
 41st Street Corridor Detailed Design

Sioux Falls, South Dakota



Drawn By: B. Miller  
 Date: 5/8/2019  
 Chkd By: J. Unruh  
 Date: 5/8/2019  
 Revision:

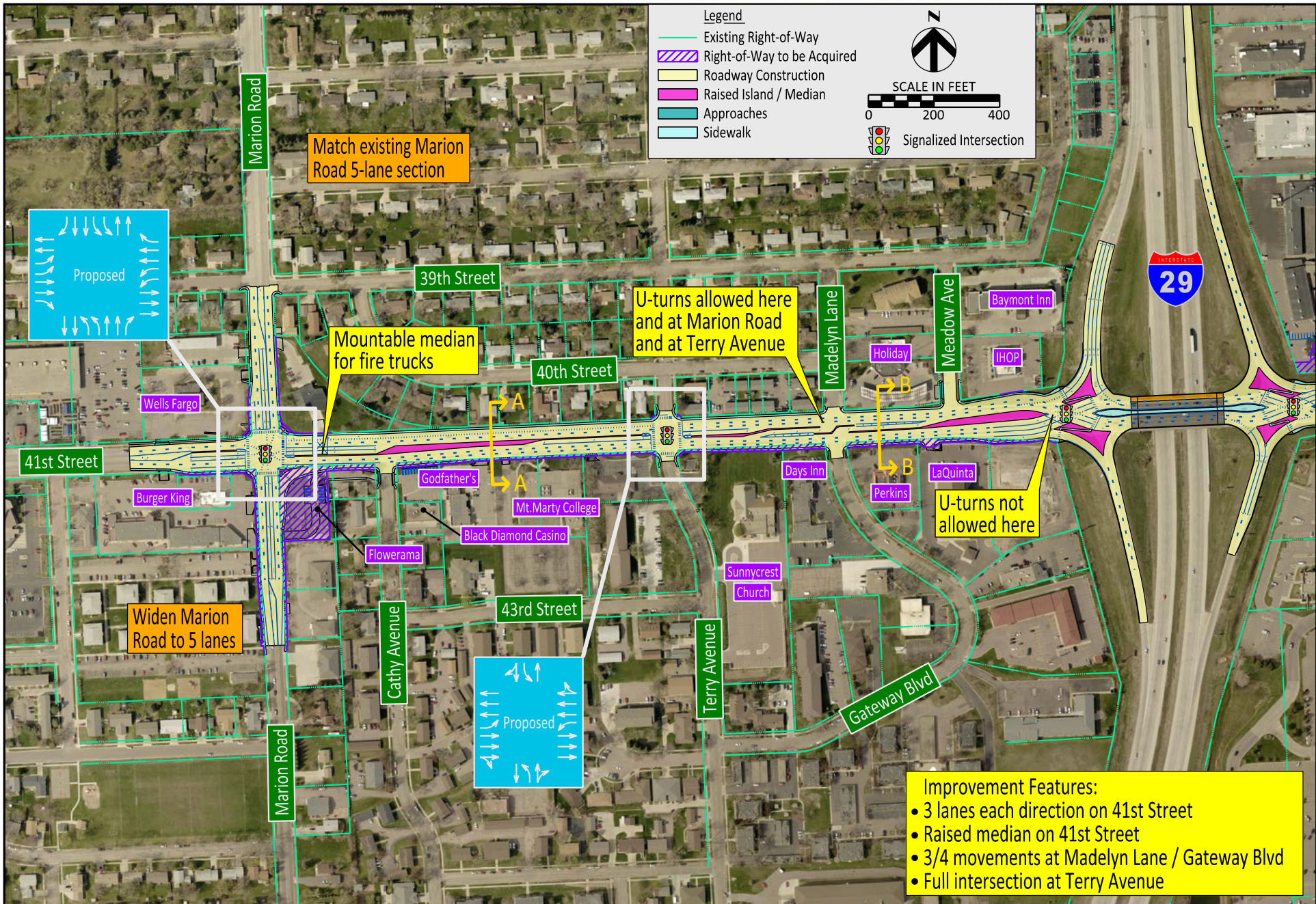


**41st Street from Marion Road to I-29**  
**Existing Conditions**

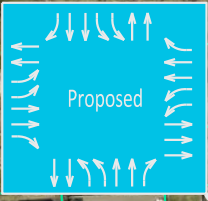
41st Street Corridor Detailed Design

Sioux Falls, South Dakota





Match existing Marion Road 5-lane section

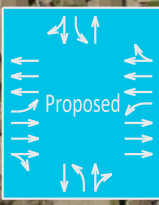


U-turns allowed here and at Marion Road and at Terry Avenue

Mountable median for fire trucks

U-turns not allowed here

Widen Marion Road to 5 lanes



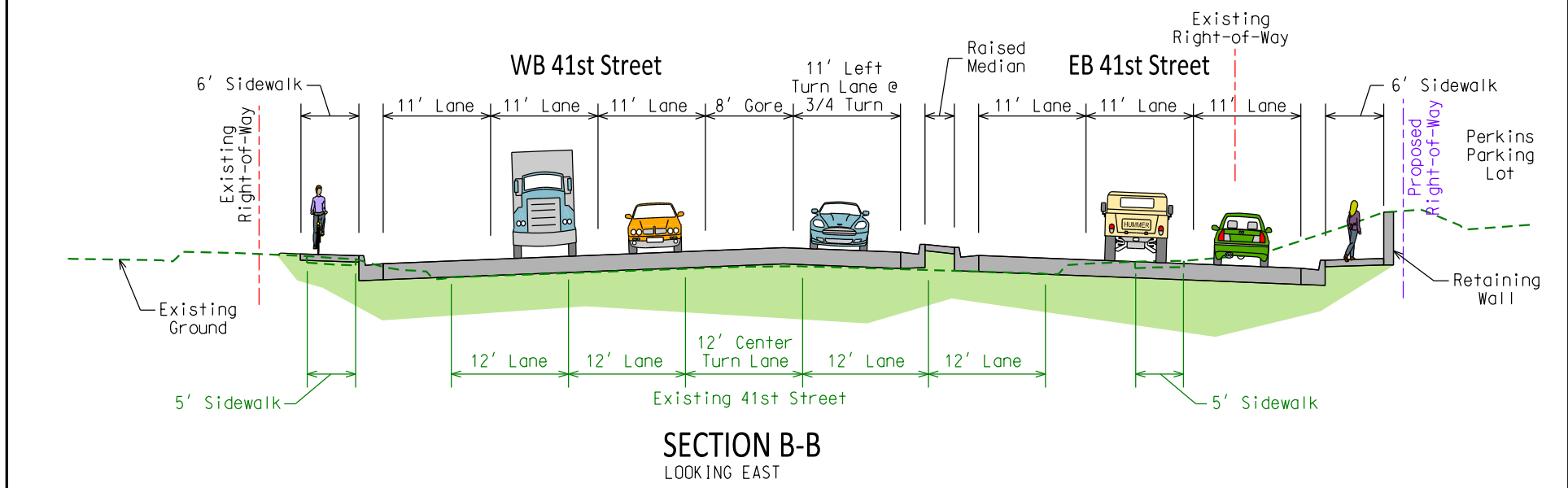
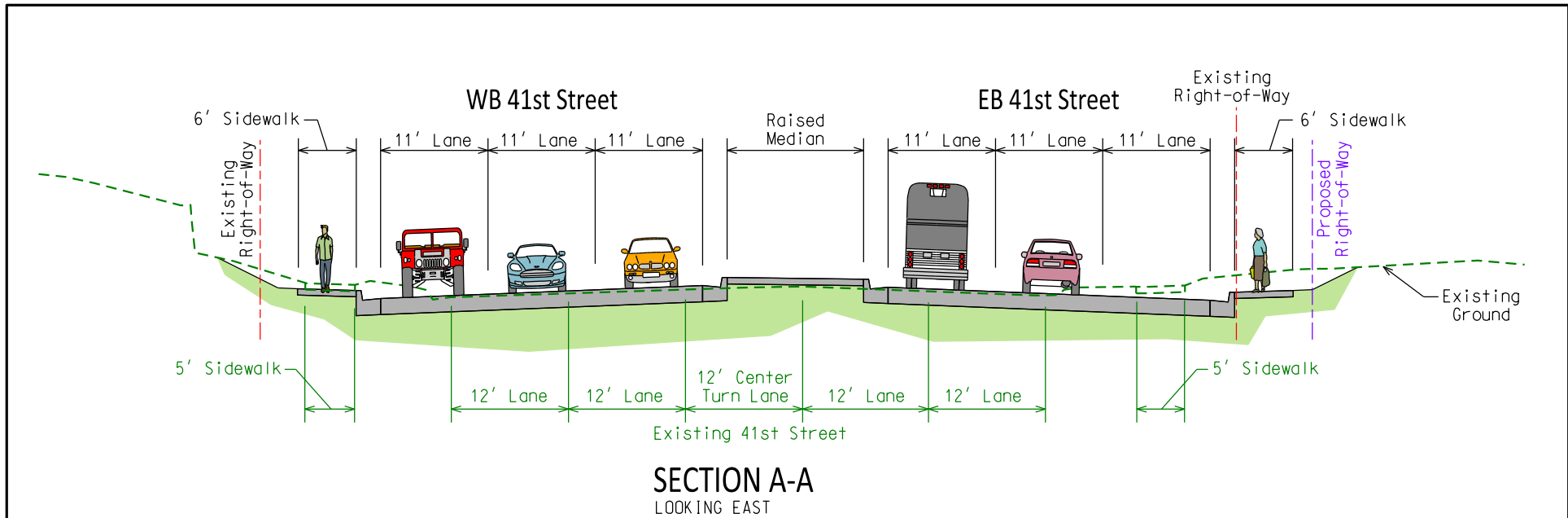
- Improvement Features:
- 3 lanes each direction on 41st Street
  - Raised median on 41st Street
  - 3/4 movements at Madelyn Lane / Gateway Blvd
  - Full intersection at Terry Avenue

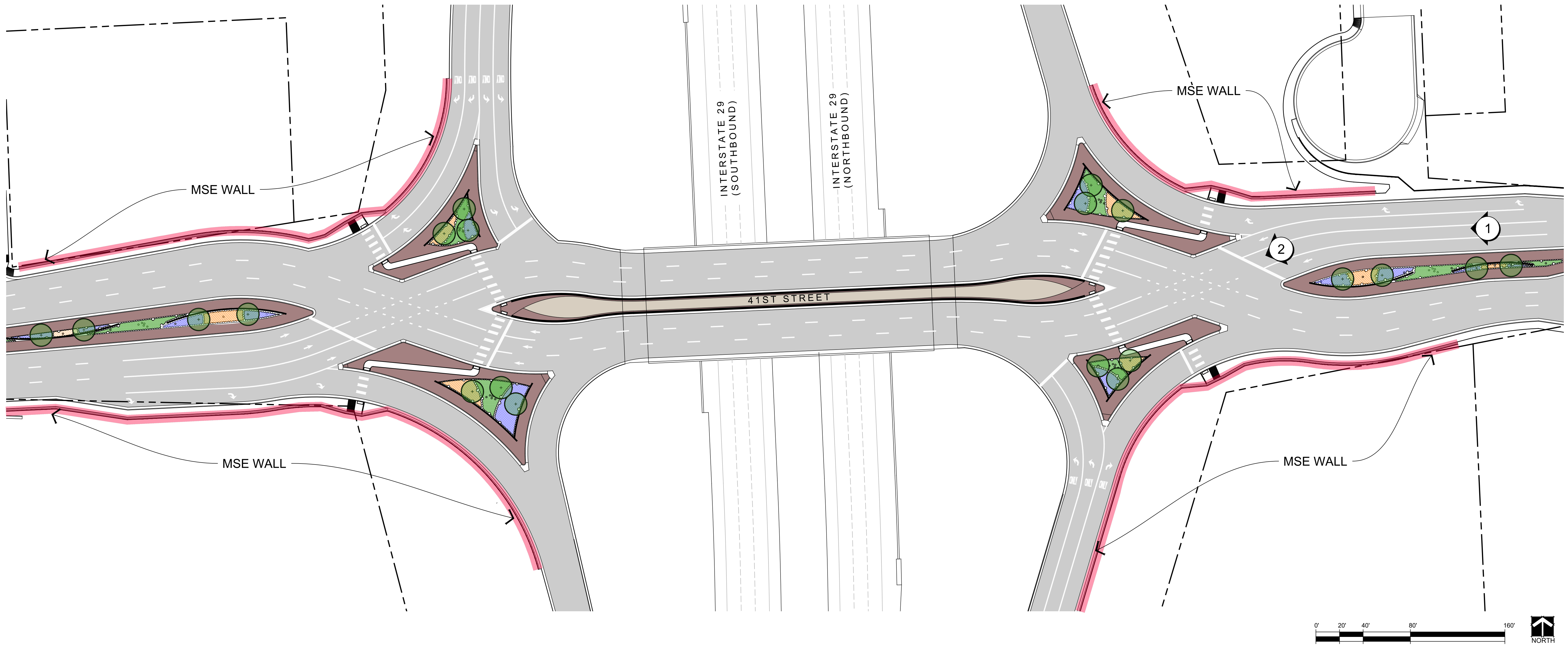
Drawn By: B. Miller  
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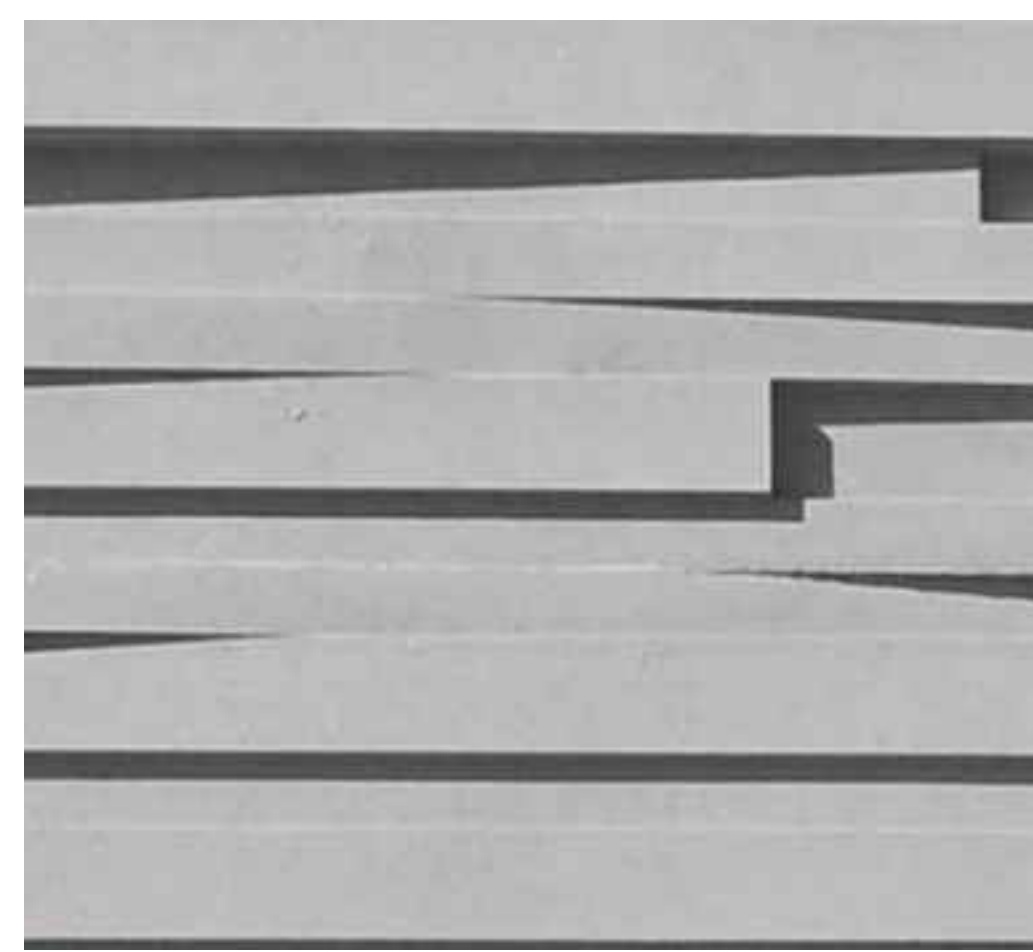
41st Street from Marion Road to I-29  
 Proposed Improvements  
 41st Street Corridor Detailed Design

Sioux Falls, South Dakota





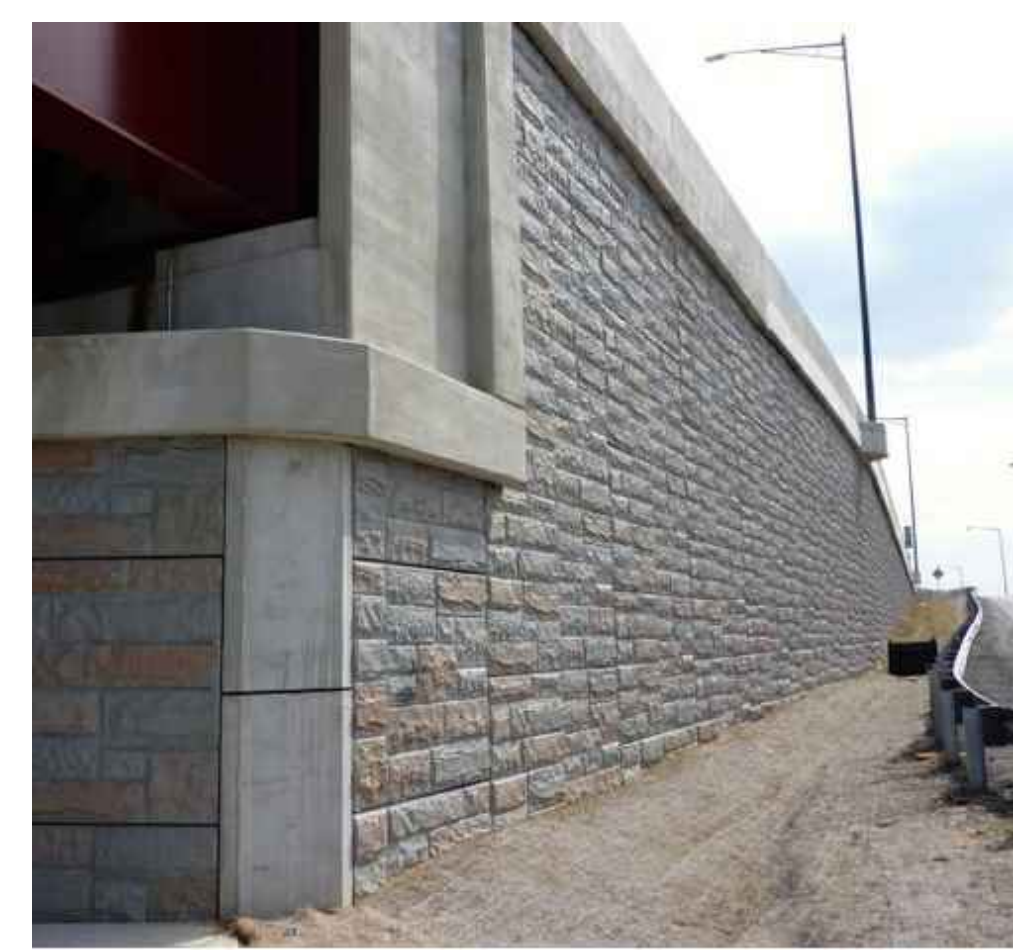
GEOMETRIC



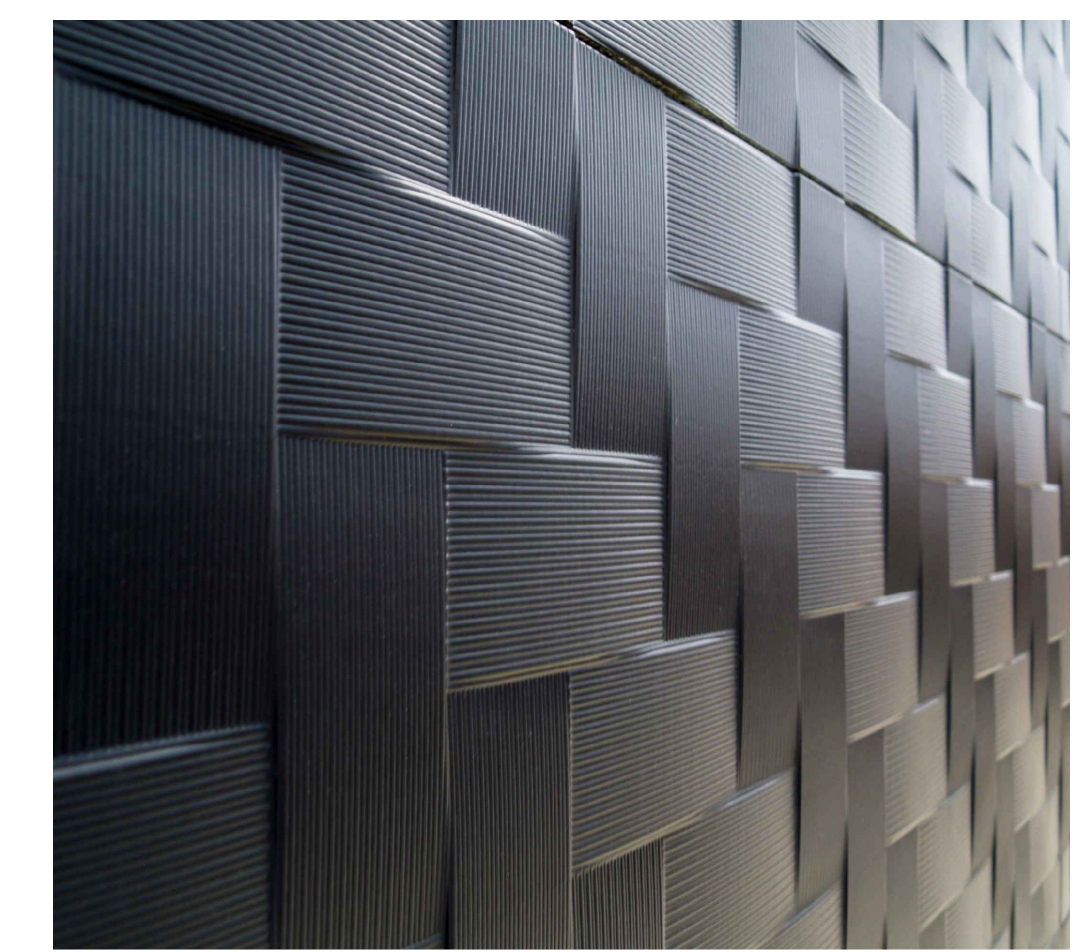
GRASS



ASHLAR STONE



WEAVE



MSE Panels  
41st Street Diverging Diamond Interchange



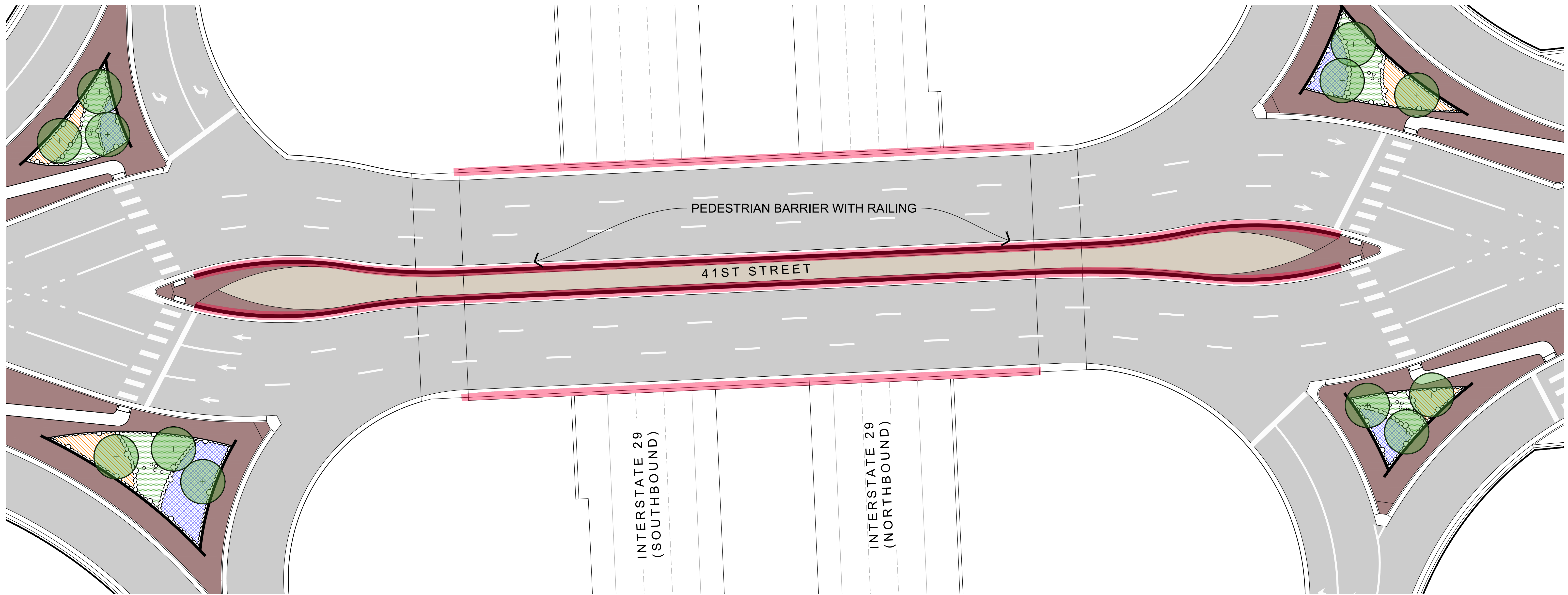
Perspective 1  
41st Street Diverging Diamond Interchange

Sioux Falls, South Dakota | 17407

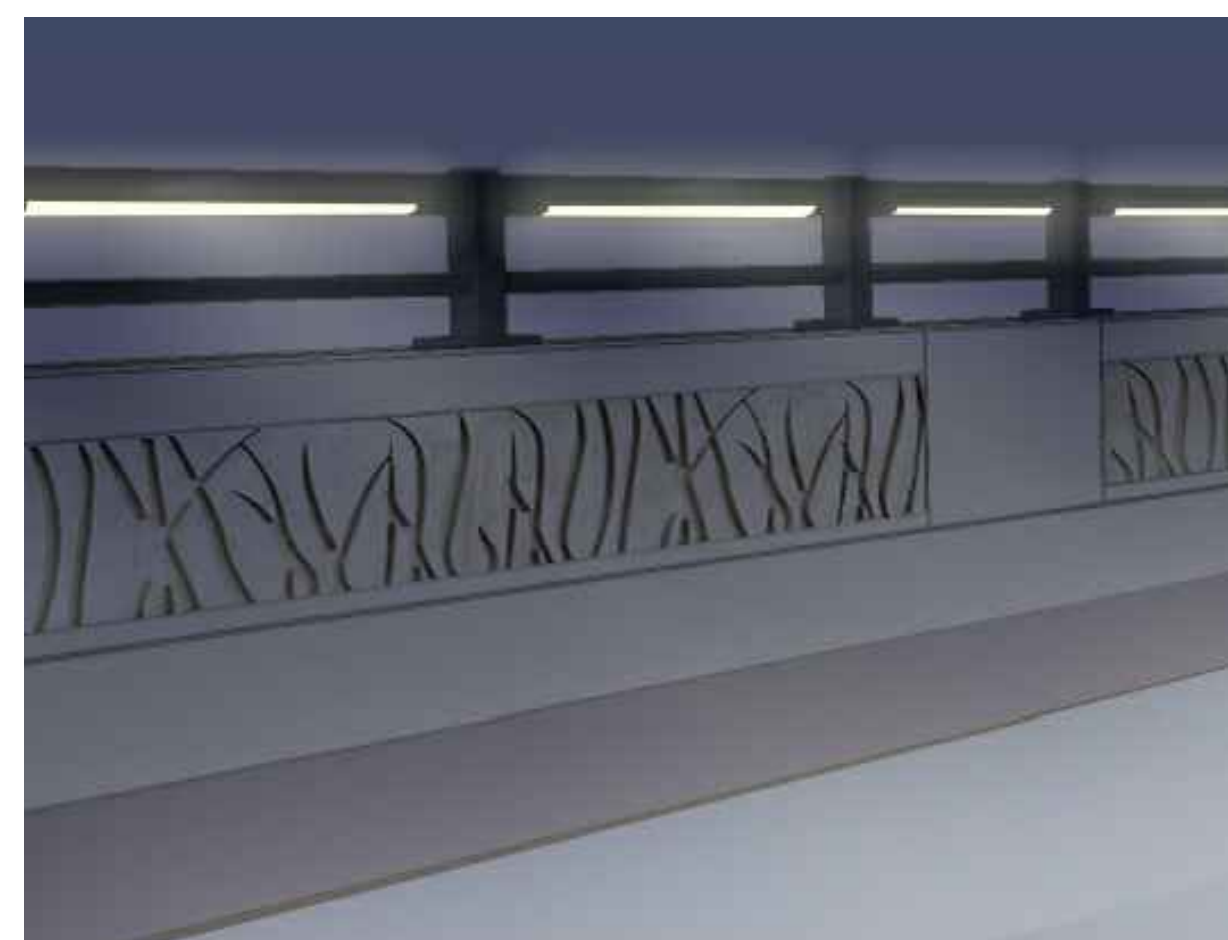


Perspective 2  
41st Street Diverging Diamond Interchange

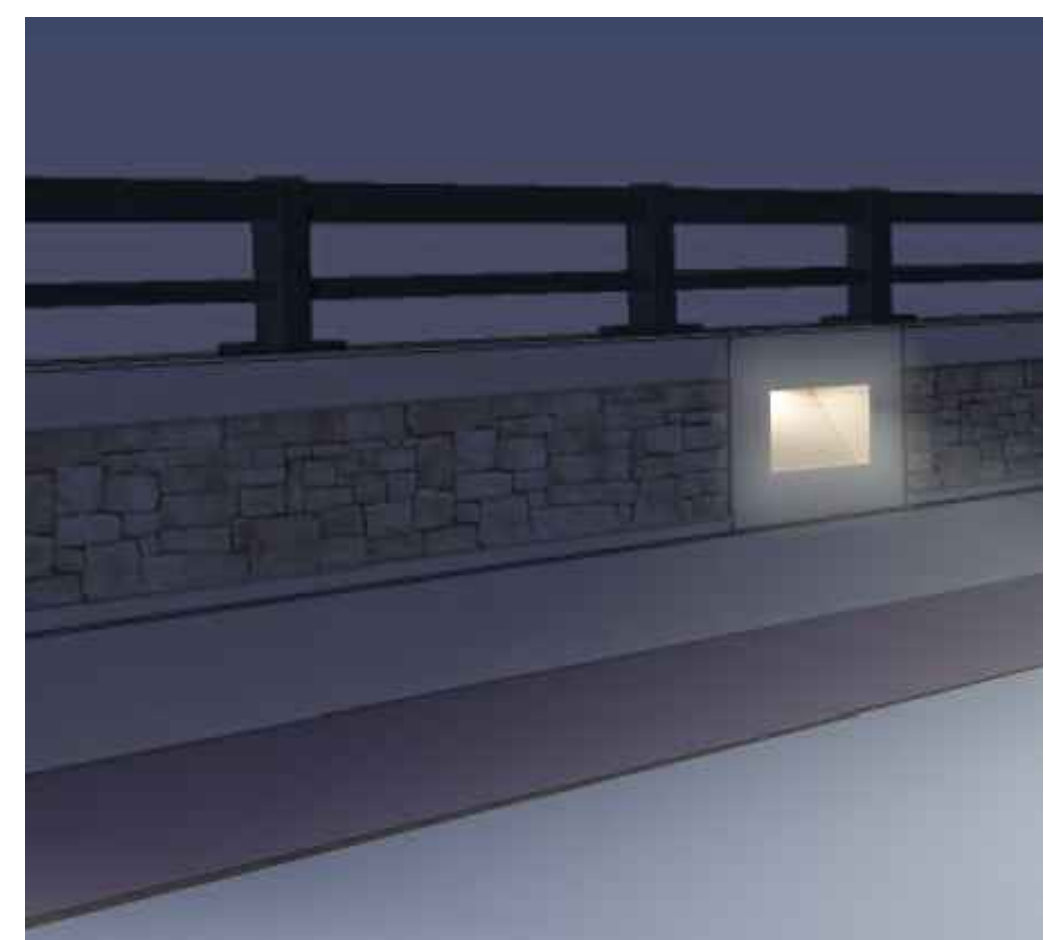
Sioux Falls, South Dakota | 17407



RAIL LIGHTING



RECESSED LIGHTING



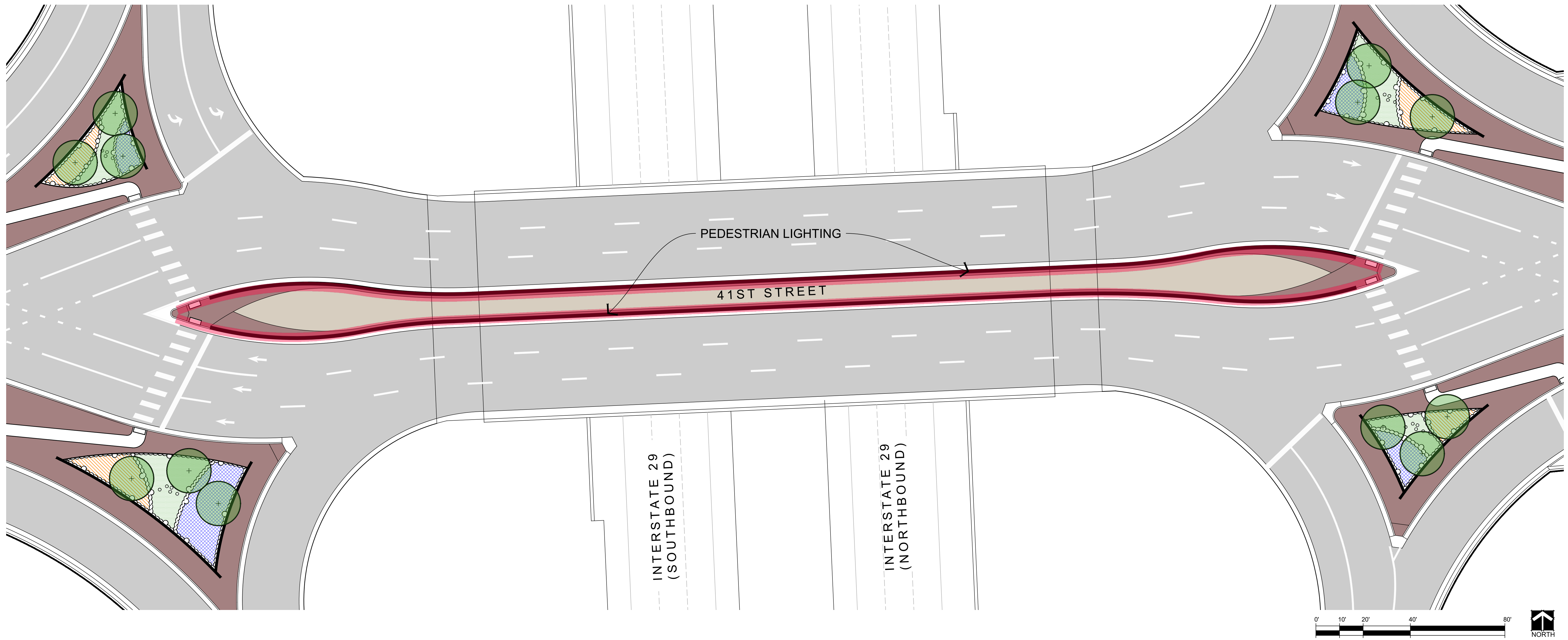
BASIC RAILING



CUSTOM RAILING



Pedestrian Barrier  
41st Street Diverging Diamond Interchange



RECESSED LIGHTING



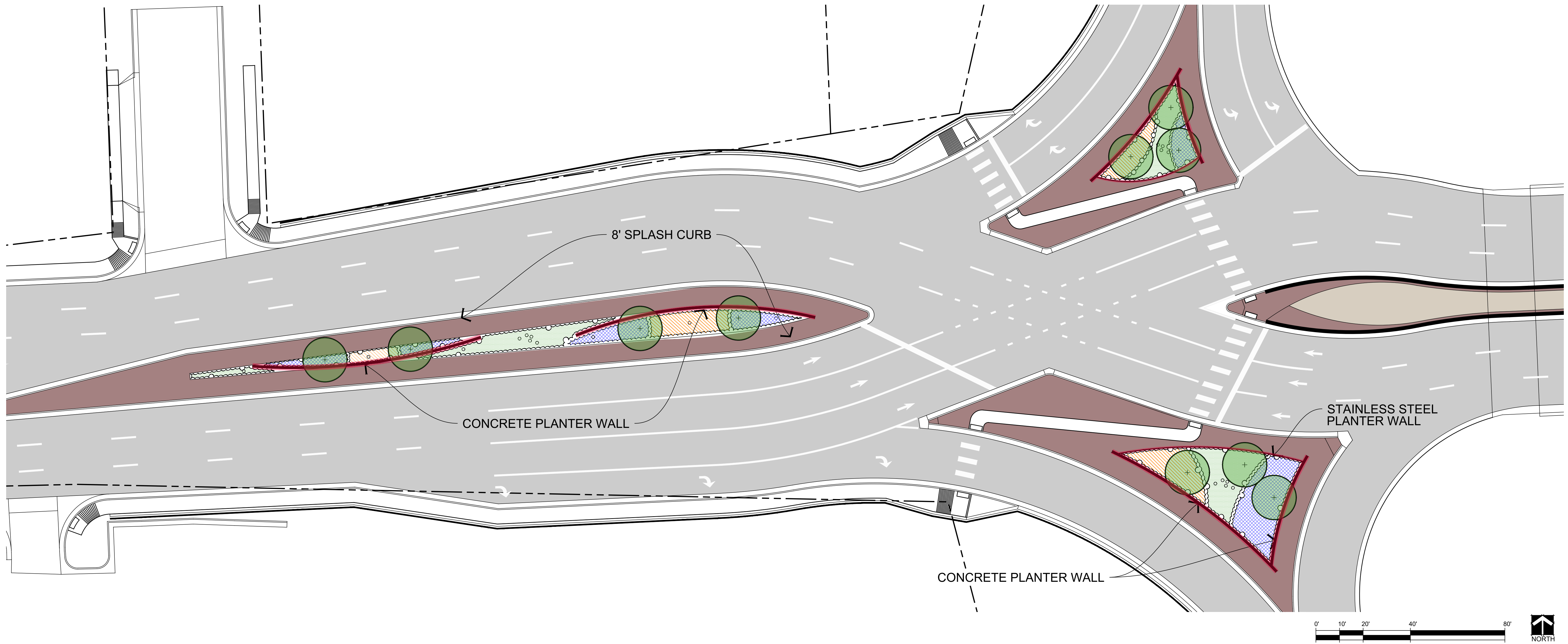
RAIL LIGHTING



COLOR RAIL LIGHTING



Pedestrian Lighting  
41st Street Diverging Diamond Interchange



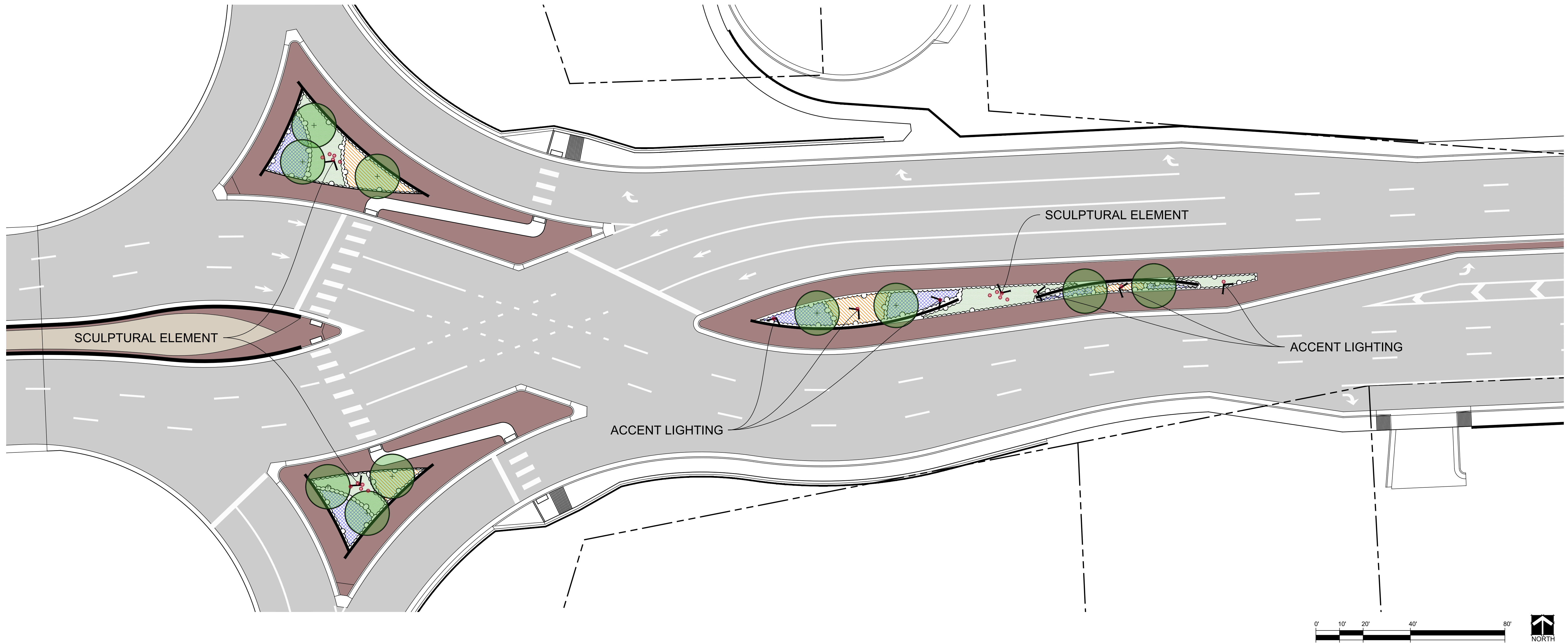
MEDIAN PLANTER



INTERSECTION PLANTER







ACCENT LIGHTING



SCULPTURAL ELEMENTS



Amenities and Lighting  
41st Street Diverging Diamond Interchange