



City of Grand Island

Tuesday, February 23, 2016

Council Session

Item E-5

Public Hearing on the One & Six Year Street Improvement Plan (Continued from February 9, 2016 Meeting)

Council action will take place under Resolutions item I-1.

Staff Contact: John Collins

Council Agenda Memo

From: Shannon Callahan, Street Superintendent

Meeting: February 23, 2016

Subject: Approval of the One & Six Year Street Improvement Plan

Presenter(s): John Collins PE, Public Works Director

Background

The One & Six Year Street Improvement Plan consists of the transportation projects in the Capital Improvement Program and is mandatory by State Law as part of the requirements to receive approximately three million dollars of state gas tax funds each year. The Public Works Department develops this program through a process to prioritize street projects taking into consideration many factors such as:

- Availability of funds
- Condition of the street
- Traffic counts
- Eligibility for State/Federal funds
- Redevelopment patterns
- Public/Council input

The City engages in a public process to ensure public input into the policy making process. The proposed One & Six Year Street Improvement Plan is a result of the following steps:

- Wednesday, February 17, 2016 – Regional Planning Commission conducted a Public Hearing and is forwarding the recommendation to the City Council
- Tuesday, February 23, 2016 – City Council is asked to pass a Resolution adopting the plan
- March 1, 2016 – One & Six Year Street Improvement Plan due at the Nebraska Department of Roads

Discussion

A Public Hearing was conducted with testimony received and discussion held on the One & Six Year Street Improvement Plan at the Grand Island/Hall County Regional Planning Commission meeting on February 17, 2016. The commission forwarded the One & Six Year Street Improvement Plan to the City Council with a recommendation for approval.

The projects listed in the One & Six Year Plan for calendar year 2016 are considered definite projects. These projects were in the approved fiscal year 2016 budget. Many of the projects listed in the One & Six Year Plan for 2017 through 2021 are included in the City's budget, but are subject to schedule changes depending upon coordination and approval of State and Federal funding.

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

City Administration recommends that the Council approve the One & Six Year Street Improvement Plan.

Sample Motion

Move to approve the One & Six Year Street Improvement Plan.



THE REGIONAL PLANNING COMMISSION of Hall
County, Grand Island, Wood River and the Villages
of Alda, Cairo and Doniphan, Nebraska

February 18, 2016

Honorable Jeremy L. Jensen, Mayor
And Members of the Council
City Hall 100 E. 1st Street
Grand Island, NE 68801

Dear Members of the Council:

**RE: ADOPTION OF THE 1 & 6 YEAR STREET IMPROVEMENT PLANS FOR THE
CITY OF GRAND ISLAND.**

At the meeting of the Regional Planning Commission, held February 17, 2016, the above item was considered following a public hearing. This item is to adopt the new 1 & 6 year street improvement plan for the City Of Grand Island.

Terry Brown, Manager of Engineering Service, discussed the Grand Island 1 & 6 Year Street Improvement Plan.

Brown briefed members on: 2016 Projects, which included Capital Avenue widening, 1st & 2nd Street resurfacing, creating a radius at Sky Park & Airport Road. Handicap ramps for 4th & 5th Street. State Fair Blvd and south Locust street traffic signal, Adams Street widening, Jefferson Street paving and Waugh Street realignment.

A motion was made by Apfel and seconded by Huismann, to recommend approval of the Grand Island 1 & 6 Year Street Improvement Plan as submitted.

A roll call vote was taken and the motion passed with 9 members present and all voting in favor (Apfel, O'Neill, Ruge, Maurer, Robb, Monter, Huismann, Sears and Hoggatt) and no member present voting against.

Yours truly,

Chad Nabity AICP
Planning Director

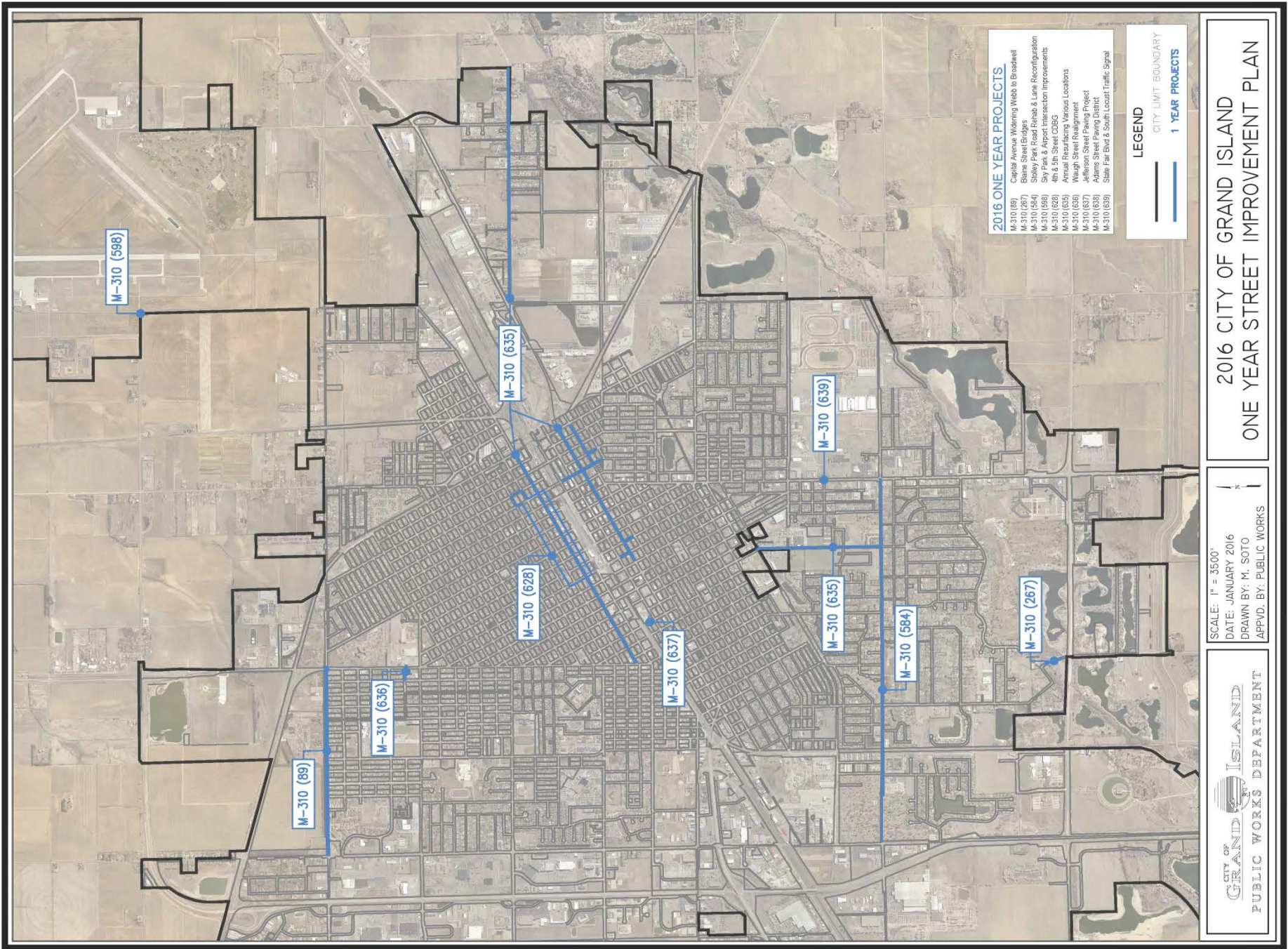
**1 & 6 YEAR STREET
IMPROVEMENT PLAN
2016-2021**

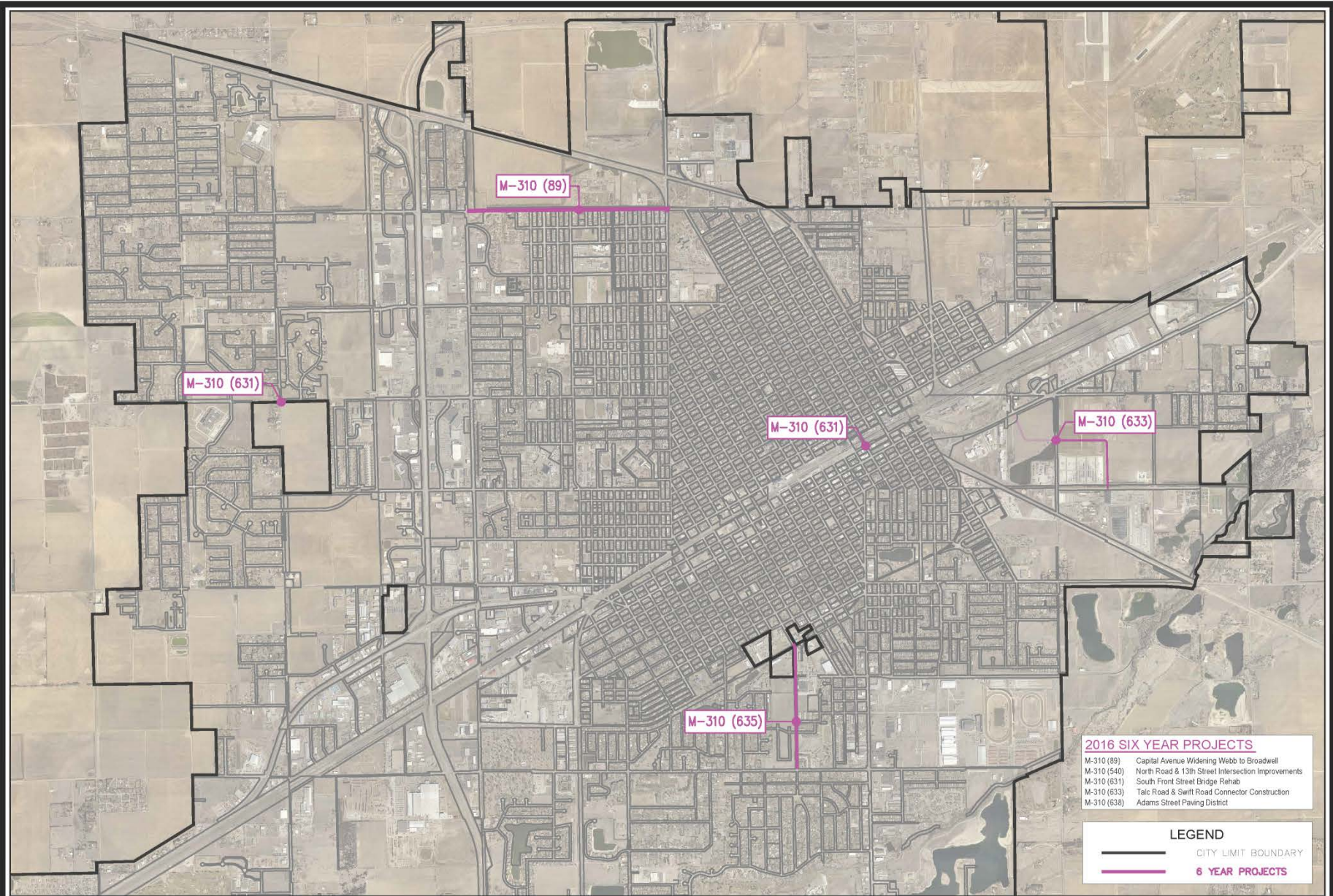
Presented by: John Collins, PE

2015 SUBSTANTIALLY COMPLETE PROJECTS (FROM 1 & 6 STREET IMPROVEMENT PLAN)

PROJECT	TOTAL PROJECT
Faidley Ave Extension from North Rd to EOC (heading East)	\$ 1,173,735.04
Hwy 30 Resurfacing [\$5,745,000 total project cost]	\$ -
3rd St & Wheeler Ave Intersection Improvements	\$ 490,732.05
Delta St Storm Sewer Improvements	\$ 46,704.53
TOTAL	\$ 1,711,171.62

**DOES NOT INCLUDE ALL CIP PROJECTS





2016 SIX YEAR PROJECTS

M-310 (89)	Capital Avenue Widening Webb to Broadwell
M-310 (640)	North Road & 12th Street Intersection Improvements
M-310 (631)	South Front Street Bridge Rehab
M-310 (633)	Talc Road & Swift Road Connector Construction
M-310 (638)	Adams Street Paving District

LEGEND

	CITY LIMIT BOUNDARY
	6 YEAR PROJECTS

CITY OF GRAND ISLAND
PUBLIC WORKS DEPARTMENT

SCALE: 1" = 3500'
DATE: JANUARY 2016
DRAWN BY: M. SOTO
APPVD. BY: PUBLIC WORKS

2016 CITY OF GRAND ISLAND
SIX YEAR STREET IMPROVEMENT PLAN

SOUTH BLAINE ST BRIDGE REPLACEMENTS

M-310 (267)

- Replace the north bridge structure with two box culverts
- Replace the south bridge structure with two Arch RCP pipes
- Widen road to improve traffic flow



CITY OF
GRAND ISLAND
 PUBLIC WORKS DEPARTMENT

SCALE: 1" = 150'
 DATE: JANUARY 2016
 DRAWN BY: M. SOTO
 APPVD. BY: PUBLIC WORKS

2016 CITY OF GRAND ISLAND
 ONE YEAR STREET IMPROVEMENT PLAN

CAPITAL AVENUE WIDENING – WEBB TO BROADWELL M-310 (89)

- Includes removal of existing 24' wide asphalt roadway and construction of a five lane curbed concrete roadway (four through lanes and a common turning lane).
- Reconstruction will address the deterioration of the pavement, accommodate increasing traffic volumes and widening improve motorist and pedestrian safety.
- Sanitary sewer improvements and a hike/bike trail

M-310 (89)
Capital Avenue Widening - Webb to Broadwell

CAPITAL AVENUE +
WEBB ROAD

CAPITAL AVENUE +
BROADWELL AVENUE

LEGEND

- CITY LIMIT BOUNDARY
- 1 YEAR PROJECTS

CITY OF
GRAND ISLAND
PUBLIC WORKS DEPARTMENT

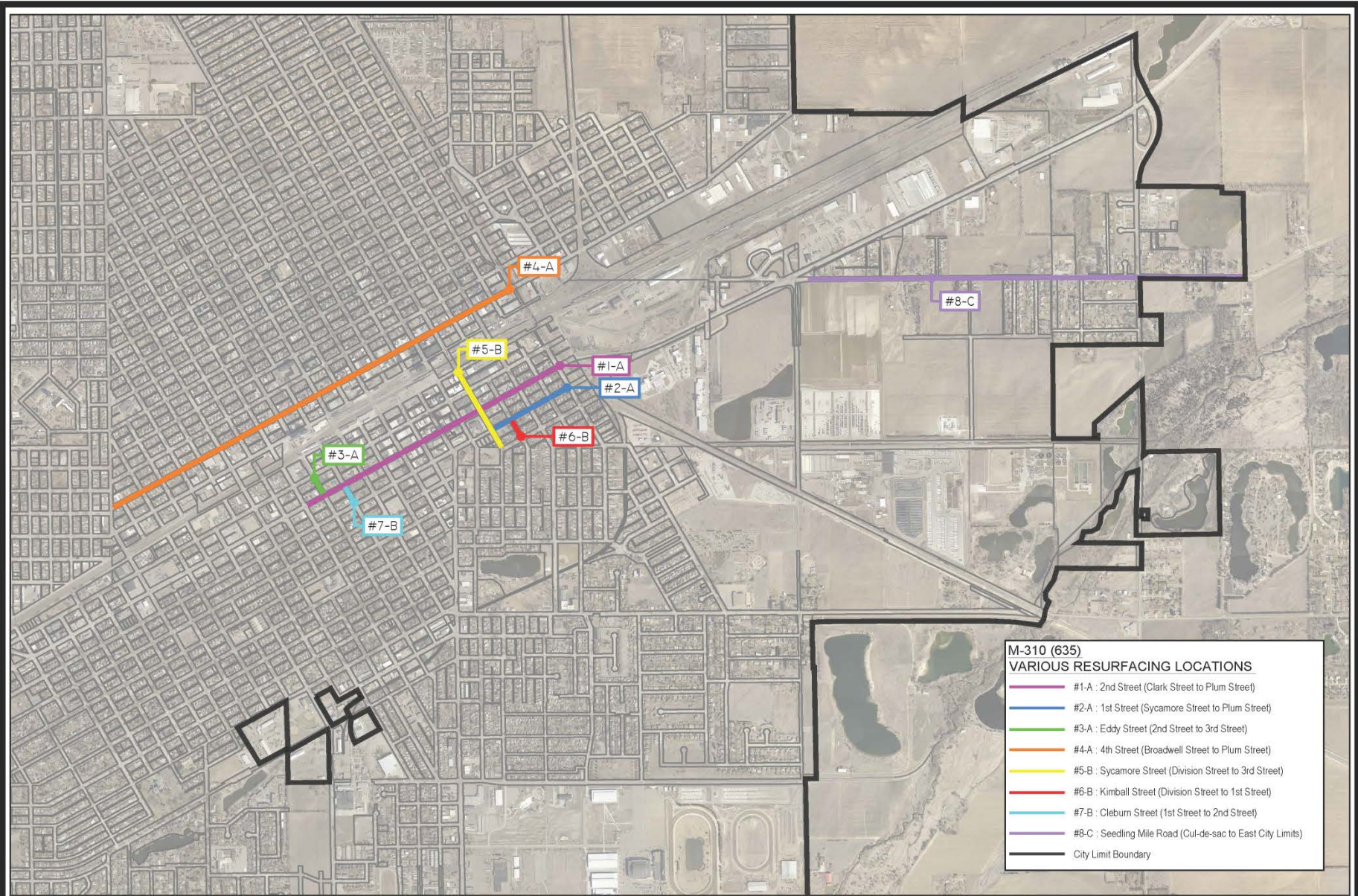
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2016 CITY OF GRAND ISLAND
ONE YEAR STREET IMPROVEMENT PLAN

LOCAL RESURFACING

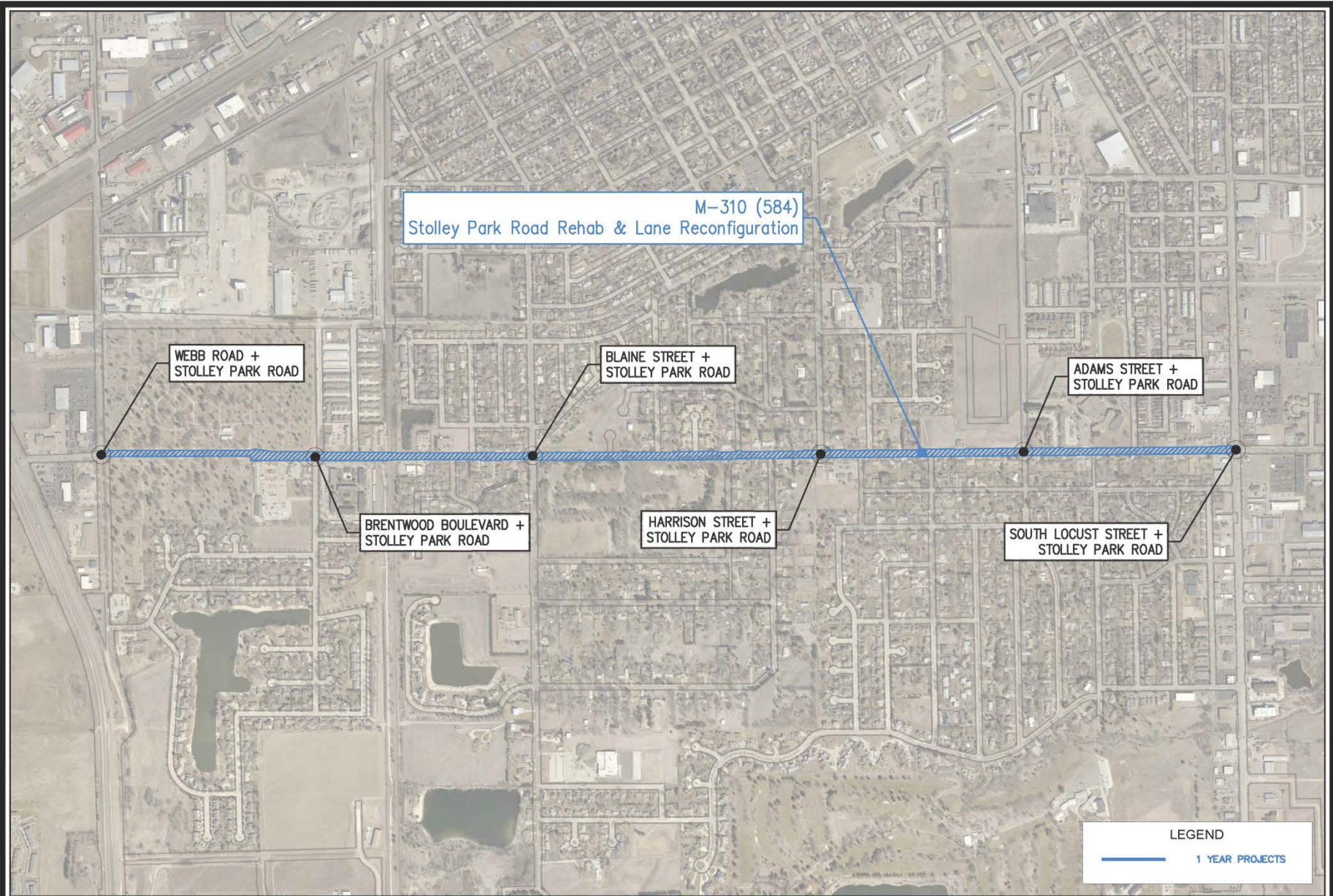
1ST STREET & 2ND STREET (HWY 30) M-310 (635)

- Local resurfacing
- Includes sections of US Highway 30 (2nd Street and 1st Street) that will be milled three (3) inches
- Maintenance only will be performed on the majority of the section, however areas may require more than maintenance as the project moves forward



STOLLEY PARK ROAD RECONFIGURATION M-310 (584)

- Restriping for new lane designations from two lane to three or five lane section.
- Intersection evaluations for potential signalization.
- Pavement determination for repairs and/or increased pavement structure to accommodate truck traffic.



LEGEND

— 1 YEAR PROJECTS

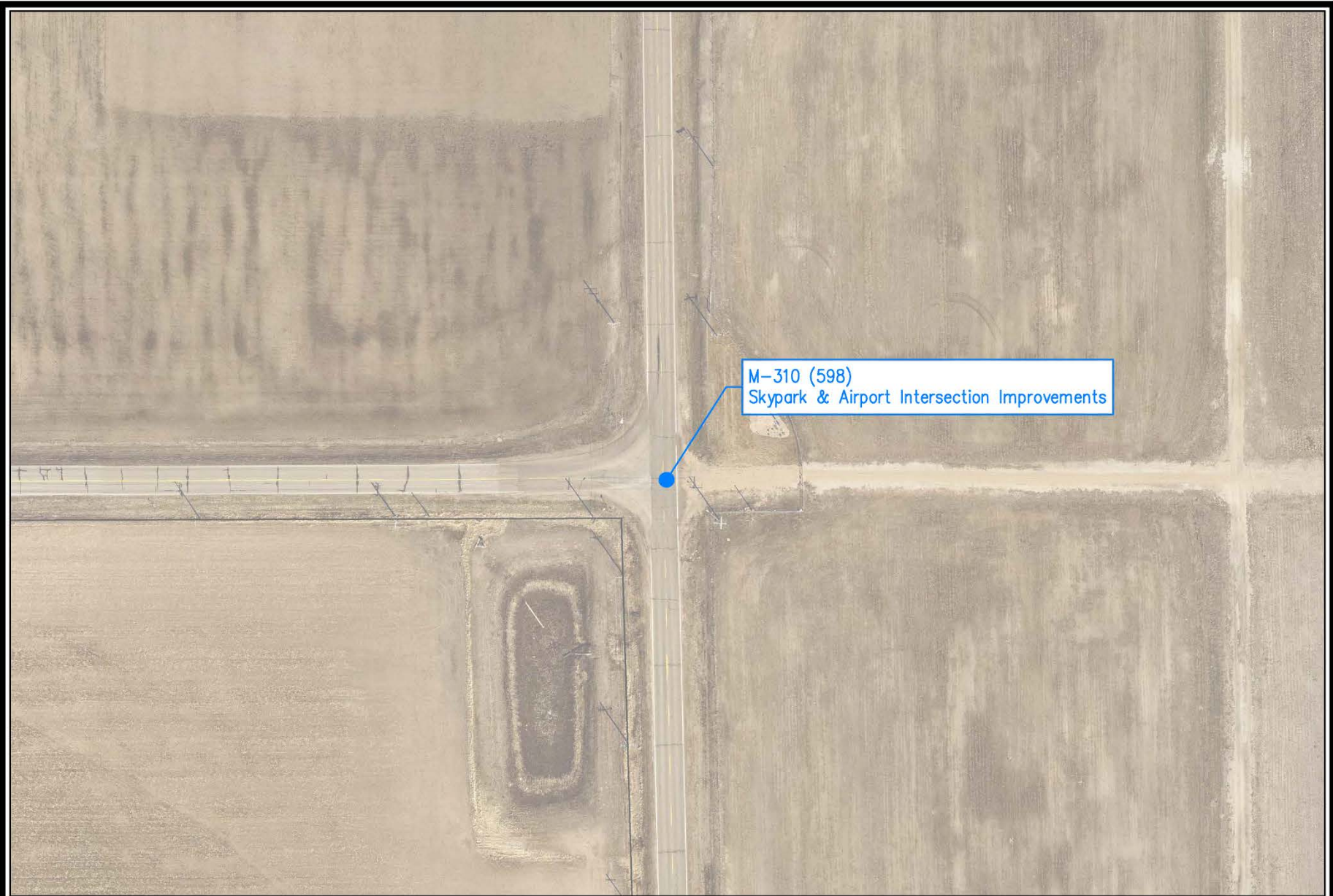
CITY OF GRAND ISLAND
PUBLIC WORKS DEPARTMENT

SCALE: 1" = 1200'
DATE: JANUARY 2016
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APPVD. BY: PUBLIC WORKS

2016 CITY OF GRAND ISLAND
ONE YEAR STREET IMPROVEMENT PLAN

SKY PARK ROAD & AIRPORT ROAD INTERSECTION IMPROVEMENTS M-310 (598)

- Intersection improvements widening the radii of this intersection to allow for easier truck turning movements



M-310 (598)
Skypark & Airport Intersection Improvements

CITY OF
GRAND ISLAND
PUBLIC WORKS DEPARTMENT

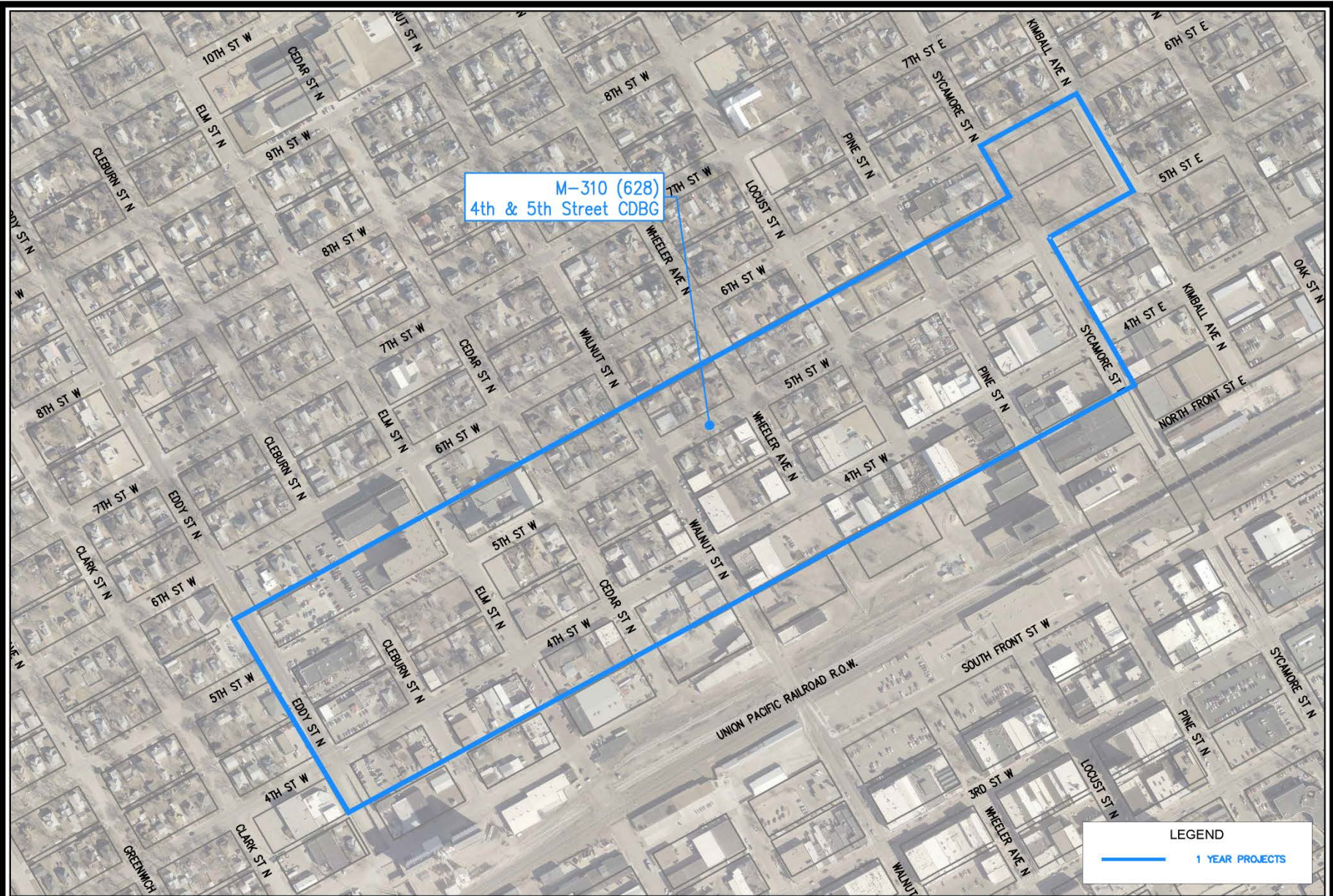
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2016 CITY OF GRAND ISLAND
ONE YEAR STREET IMPROVEMENT PLAN

4TH STREET & 5TH STREET;
EDDY STREET TO SYCAMORE
STREET HANDICAP RAMP INSTALLATION
M-310 (628)

- \$800,000 Community Development Block Grant (CDBG) with 50% city match to install handicap ramps.



M-310 (628)
4th & 5th Street CDBG

LEGEND

— 1 YEAR PROJECTS

CITY OF GRAND ISLAND
PUBLIC WORKS DEPARTMENT

SCALE: 1" = 400'
DATE: JANUARY 2016
DRAWN BY: M. SOTO
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2016 CITY OF GRAND ISLAND
ONE YEAR STREET IMPROVEMENT PLAN

STATE FAIR BLVD AND SOUTH LOCUST ST TRAFFIC SIGNAL M-310 (639)

- Relocation of traffic signal from commercial driveway and South Locust St to the intersection of State Fair Blvd and South Locust St
- Will aid in better traffic flow during events at Fonner Park / Heartland Events Center / State Fair



M-310 (639)
State Fair Boulevard & South Locust Street
Traffic Signal Installation

CITY OF
GRAND ISLAND
PUBLIC WORKS DEPARTMENT

SCALE: 1" = 150'
DATE: JANUARY 2016
DRAWN BY: M. SOTO
APPVD. BY: PUBLIC WORKS



2016 CITY OF GRAND ISLAND
ONE YEAR STREET IMPROVEMENT PLAN

ADAMS STREET WIDENING & INTERSECTION IMPROVEMENTS M-310 (638)

- Widen roadway and improve intersection to align with new school entrance



M-310 (638)
Adams Street Paving District

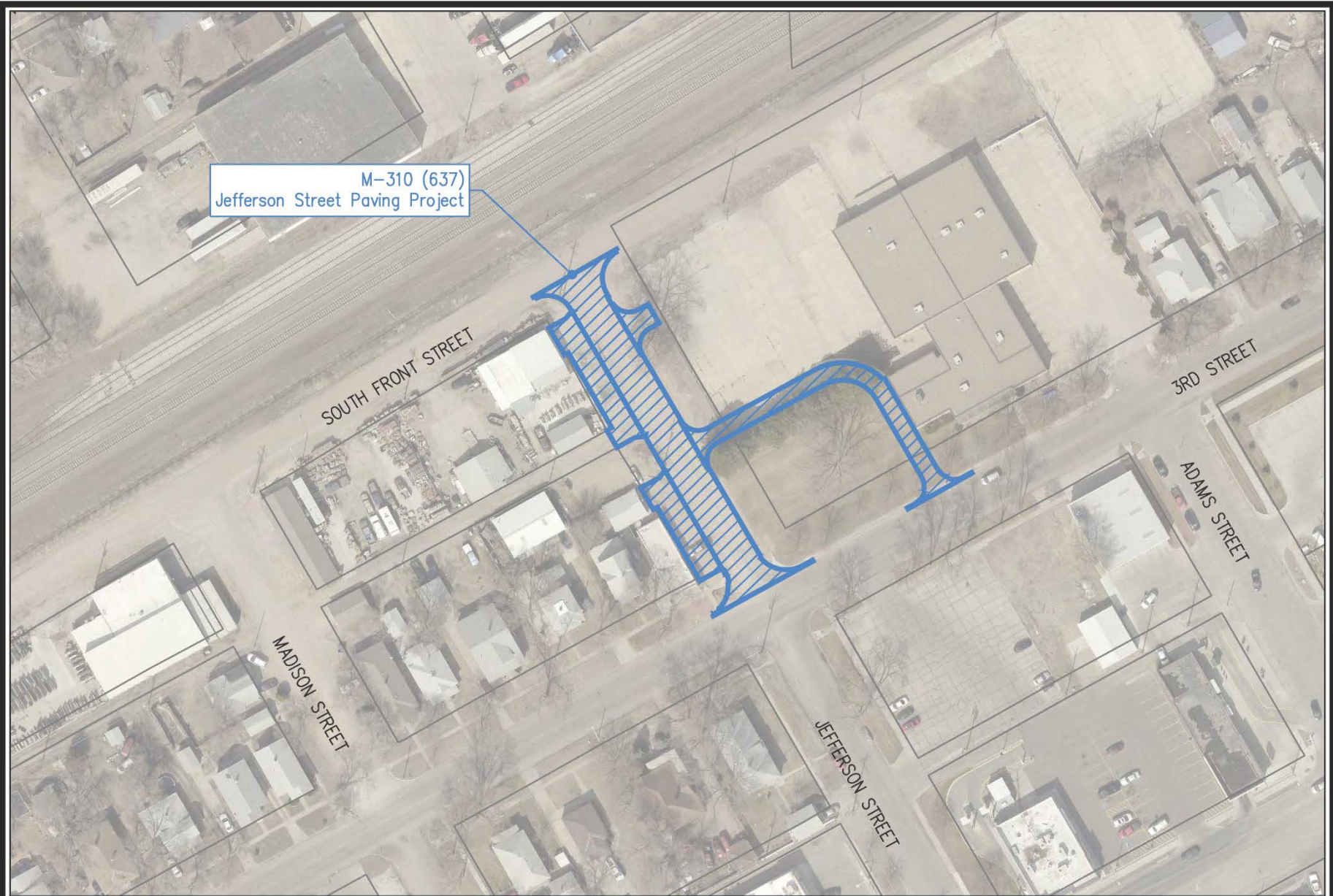
2016 CITY OF GRAND ISLAND
ONE YEAR STREET IMPROVEMENT PLAN

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CITY OF GRAND ISLAND
PUBLIC WORKS DEPARTMENT

JEFFERSON STREET PAVING M-310(637)

- Pave roadway to include parking along the street and installation of storm water retention cell to improve drainage



M-310 (637)
Jefferson Street Paving Project

SOUTH FRONT STREET

3RD STREET

ADAMS STREET

MADISON STREET

JEFFERSON STREET

CITY OF
GRAND ISLAND
PUBLIC WORKS DEPARTMENT

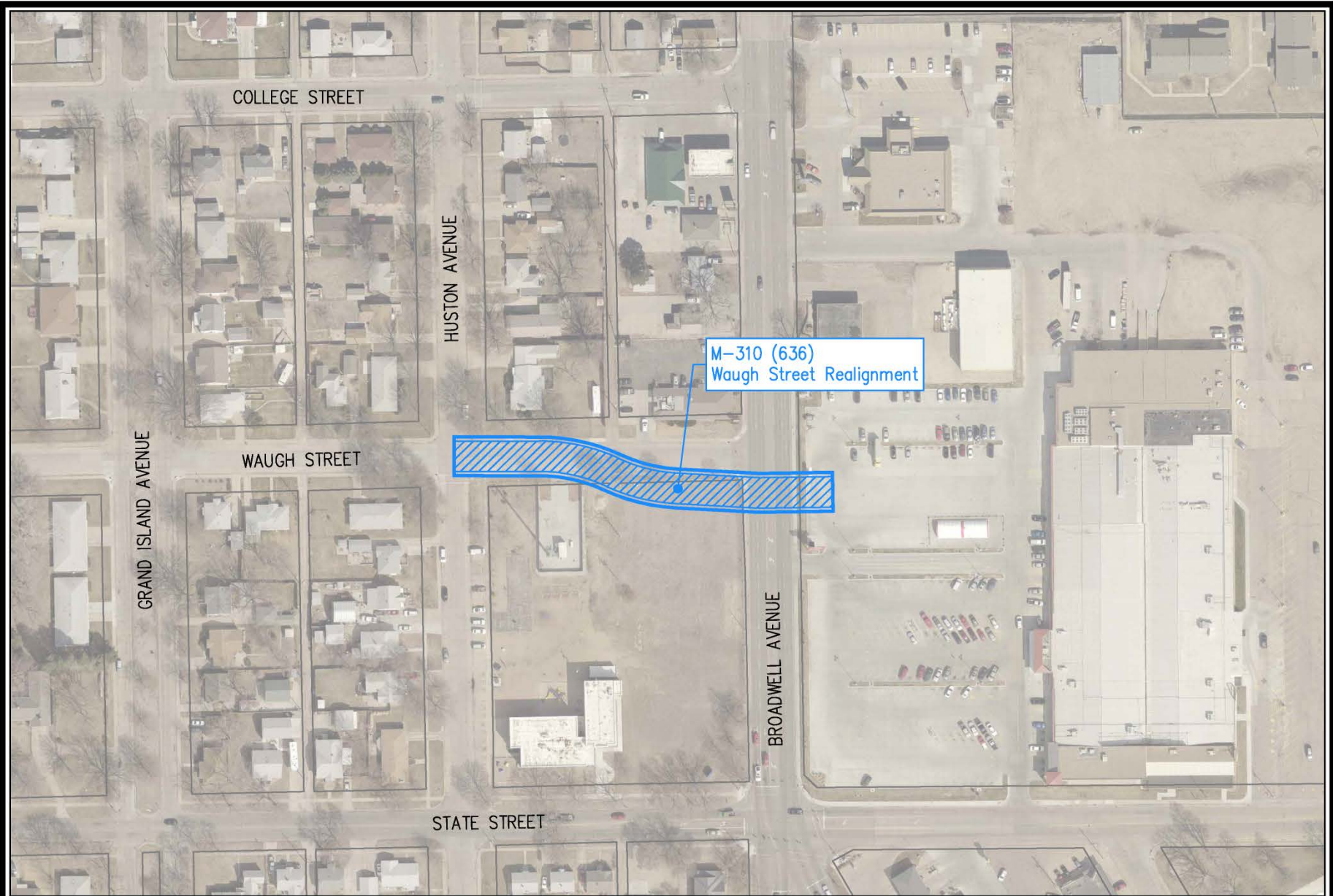
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2016 CITY OF GRAND ISLAND
ONE YEAR STREET IMPROVEMENT PLAN

WAUGH STREET REALIGNMENT M-310 (636)

- Align Waugh Street with new commercial driveway of Super Saver development
- Work will include relocation of utilities



M-310 (636)
Waugh Street Realignment

CITY OF
Grand Island
PUBLIC WORKS DEPARTMENT

SCALE: 1" = 150'
DATE: JANUARY 2016
DRAWN BY: M. SOTO
APPVD. BY: PUBLIC WORKS



2016 CITY OF GRAND ISLAND
ONE YEAR STREET IMPROVEMENT PLAN

PAVEMENT CONDITION SURVEY M-310 (641)

- Assess roadways throughout the City to determine priority and needs for improvements

1 & 6 YEAR STREET IMPROVEMENT PLAN

(notes City costs)

	2016	2017	2018	2019	2020	2021
OBLIGATED TO OTHER AGENCIES						
4th St & 5th St; Sycamore St to Eddy St ADA Ramps (4th St CDBG)	\$ 280,000.00					
Hwy 30 Realignment [\$18,000,000 total project cost]					\$ 1,387,000.00	
Capital Avenue Widening - Webb to Broadwell [\$10,166,000 total project cost]	\$ 1,240,000.00					
Hwy 281 in GI & North [\$6,019,000 total project cost]			\$ 2,074,000.00			
RECONSTRUCTION/NEW CONSTRUCTION						
Local Resurfacing; 1st Street & 2nd Street (Hwy 30)	\$ 237,688.00					
Pavement Condition Survey	\$ 200,000.00					
Adams St Widening & Intersection Improvements	\$ 750,000.00	\$ 750,000.00				
South Blaine St Bridge Replacements	\$ 495,000.00					
Stolley Park Rd Reconfiguration	\$ 169,000.00					
Sky Park Road & Airport Road Intersection Improvements	\$ 45,000.00					
S Front St over Sycamore Underpass Rehab		\$ 600,000.00				
Jefferson St Paving	\$ 300,000.00					
Swift Rd Connector Construction		\$ 1,500,000.00				
State Fair Blvd / Locust St Traffic Signal	\$ 100,000.00					
Waugh St Realignment	\$ 100,000.00					
North Rd @ 13th St		\$ 2,525,000.00				
TOTAL	\$ 3,916,688.00	\$ 5,375,000.00	\$ 2,074,000.00	\$ -	\$ 1,387,000.00	\$ -

**** DOES NOT INCLUDE ALL CIP PROJECTS**