
Technical Advisory Committee

Monday, February 9, 2015

Regular Session

Item J4

City of Grand Island 1-6 Year Improvement Program

Staff Contact: John Collins PE, Public Works Director

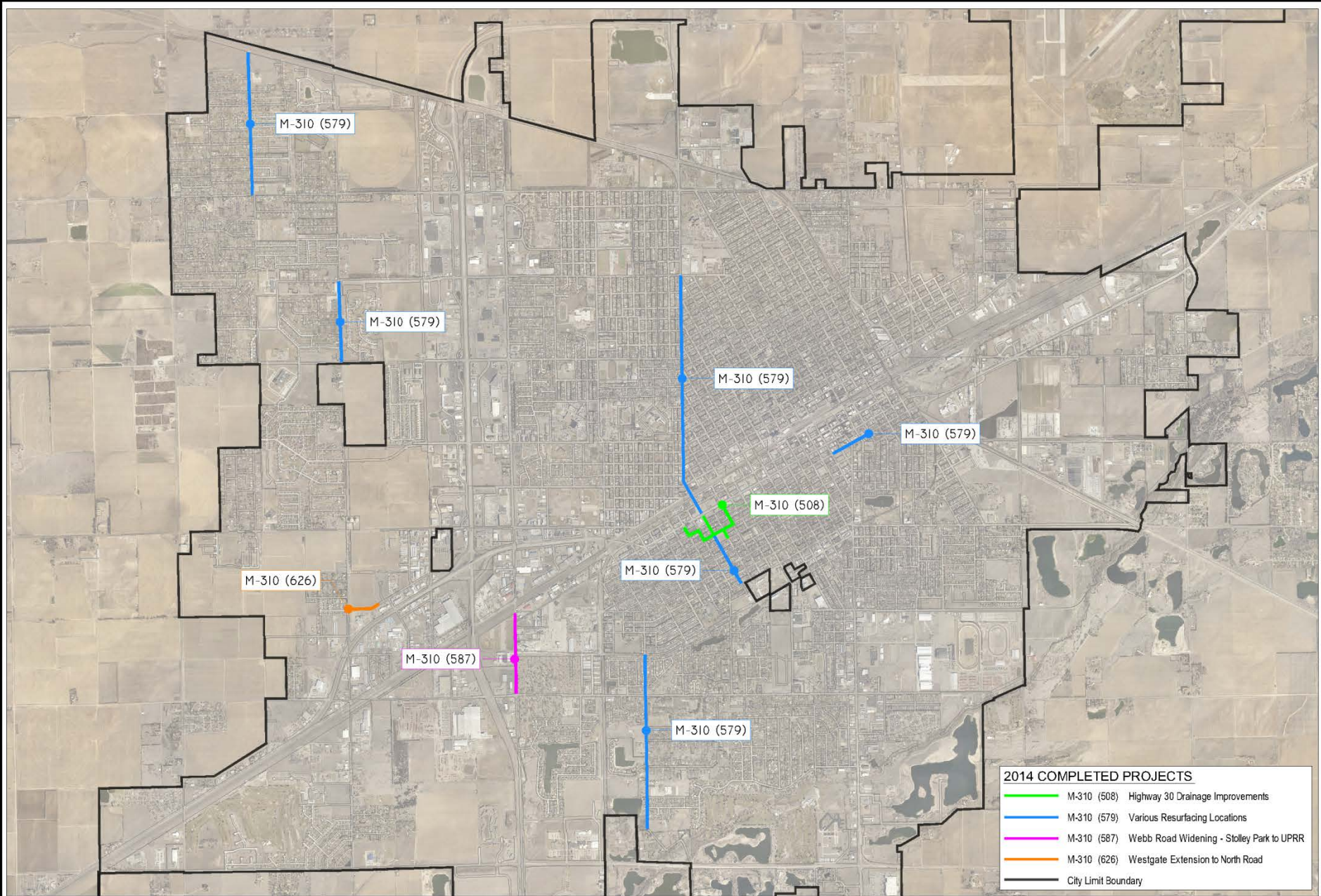
1 & 6 YEAR STREET IMPROVEMENT PLAN 2015-2020

Presented by: John Collins, PE

2014 SUBSTANTIALLY COMPLETE PROJECTS (FROM 1 & 6 STREET IMPROVEMENT PLAN)

PROJECT	TOTAL PROJECT
US 30 Drainage Improvements [NDOR project]	\$ 1,825,000.00
Various Locations Resurfacing [Federal Aid Project]	\$ 3,950,000.00
Webb Road Street Improvement District No. 1260	\$ 1,700,000.00
Westgate Road Street Improvement District No. 1261	\$ 626,000.00
<i>TOTAL</i>	<i>\$ 8,101,000.00</i>

**DOES NOT INCLUDE ALL CIP PROJECTS

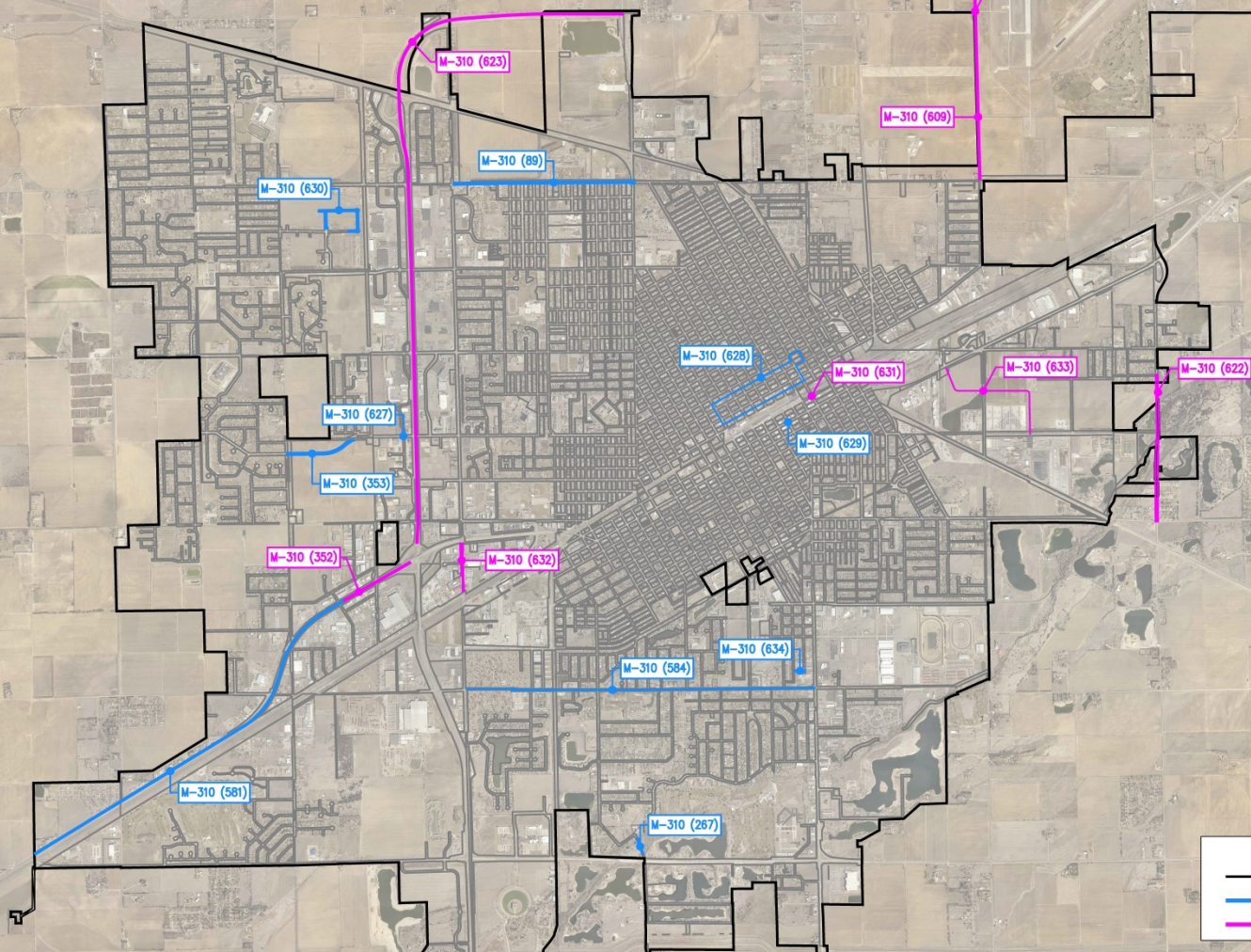


2015 ONE YEAR PROJECTS

M-310 (89) Capital Avenue Widening Webb to Broadwell
M-310 (267) Blaine Street Bridges
M-310 (353) Fairley Ave Extension
M-310 (581) Highway 30 NDOR Resurfacing
M-310 (584) Stolley Park Road Rehab & Lane Reconfiguration
M-310 (627) Fairley & Diers Traffic Signal Installation
M-310 (628) 4th & 5th Street CDBG
M-310 (629) 3rd & Wheeler Intersection Improvements
M-310 (630) Sterling Estates Fourth Subdivision Paving District
M-310 (634) Delta Street Storm Sewer Installation

2015 SIX YEAR PROJECTS

M-310 (352) Hwy 30 Realignment
M-310 (598) Skypark & Airport Intersection Improvements
M-310 (599) Skypark Road Improvements - Airport to Abbott
M-310 (609) Skypark Road Improvements - Capital to Airport
M-310 (622) Shady Bend Road Mill, Resurfacing & Bridge Repair
M-310 (623) NDOR Highway 261 - Grand Island & North
M-310 (631) South Front Street Bridge Rehab
M-310 (632) Webb Road Paving & Drainage Improvements
M-310 (633) Talc Road & Swift Road Connector Construction



LEGEND

— CITY LIMIT BOUNDARY
— 1 YEAR PROJECTS
— 6 YEAR PROJECTS

CITY OF
GRAND ISLAND
PUBLIC WORKS DEPARTMENT

SCALE: 1" = 5000'
DATE: DECEMBER 2014
DRAWN BY: M. SOTO
APPVD. BY: PUBLIC WORKS

2015 CITY OF GRAND ISLAND 1 & 6 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



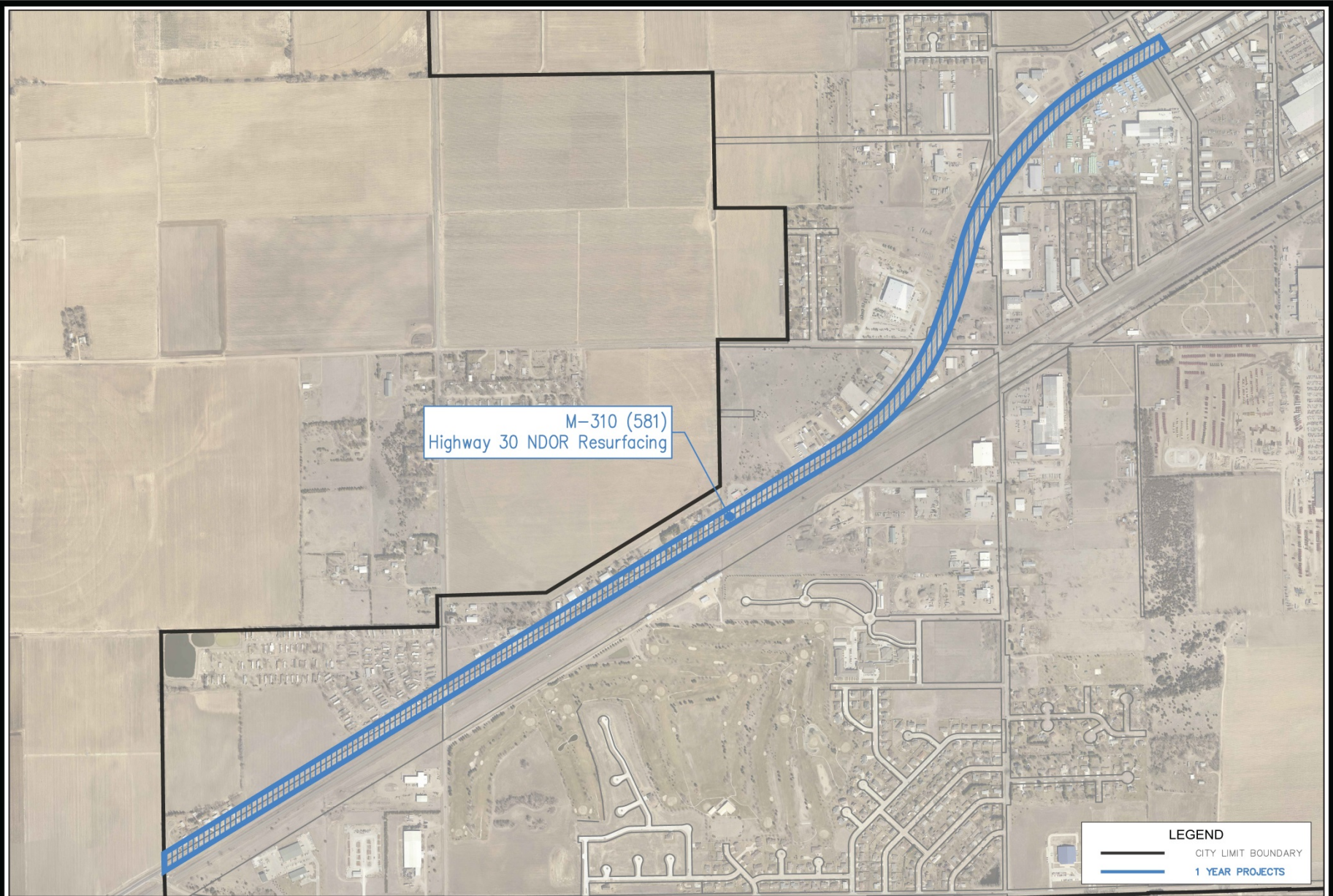
CAPITAL AVENUE WIDENING – WEBB TO BROADWELL M-310 (89)

- 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



HIGHWAY 30 RESURFACING M-310 (581)

- Roadway asphalt resurfacing from Wood River to Grand Island
- NDOR project with City participation



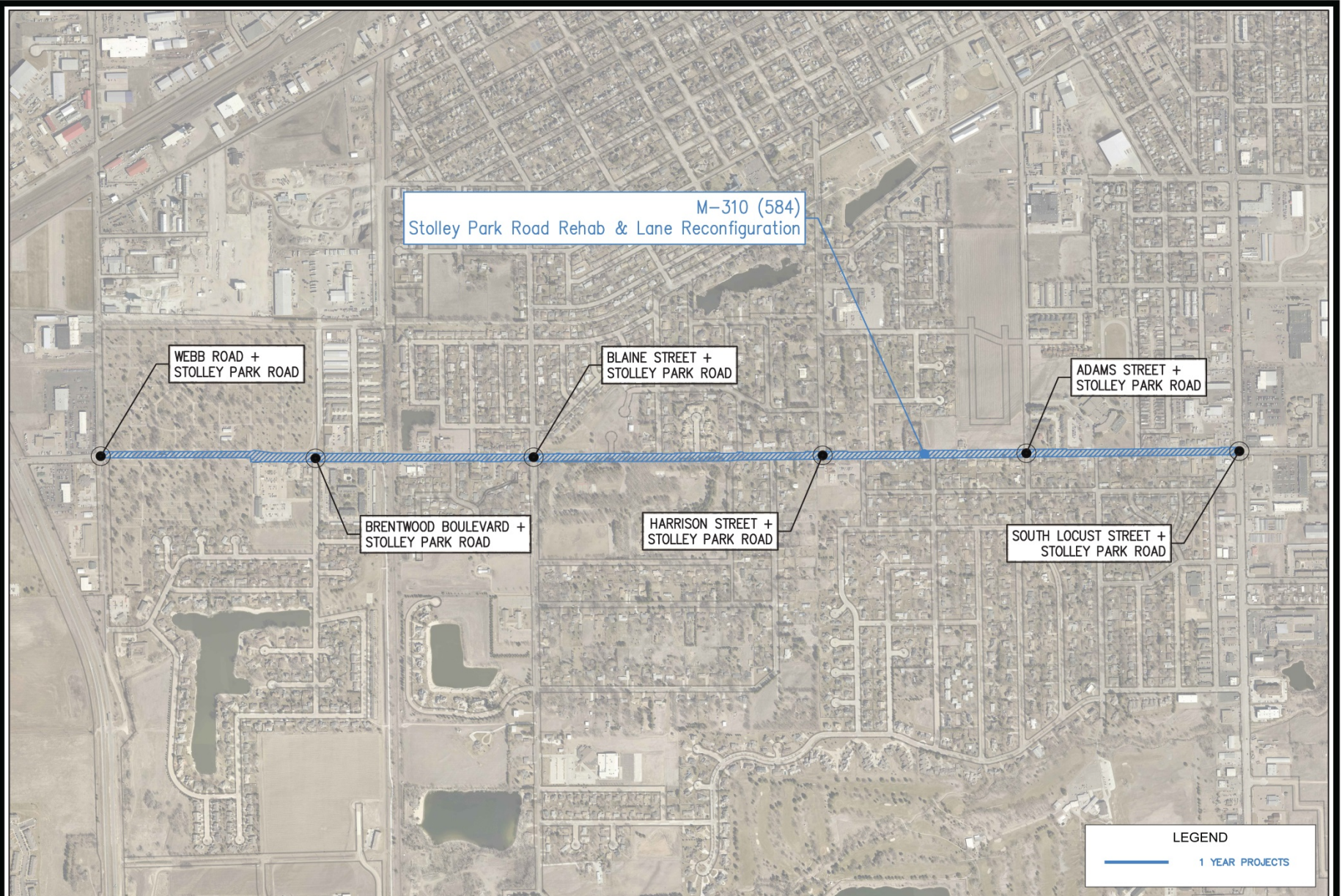
M-310 (581)
Highway 30 NDOR Resurfacing

LEGEND

- CITY LIMIT BOUNDARY
- 1 YEAR PROJECTS

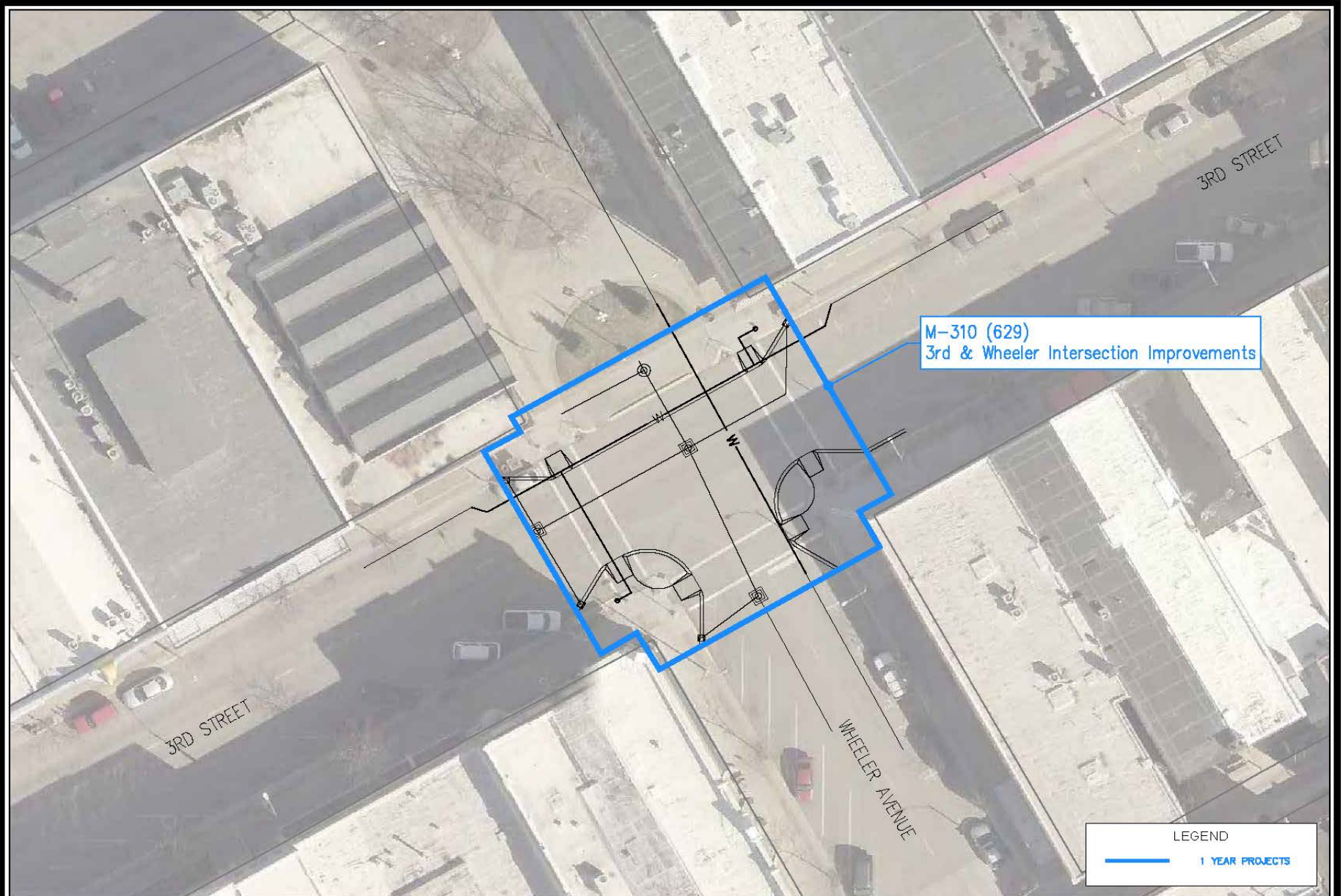
STOLLEY PARK ROAD PAVEMENT MAINTENANCE & INTERSECTION STUDY M-310 (584)

- 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.



3RD STREET & WHEELER AVENUE INTERSECTION IMPROVEMENTS M-310 (629)

- Coordinated with KC Plaza construction.
- Intersection bump outs to make area more pedestrian friendly.
- Drainage improvements including new storm sewer.
- Replace existing water main.



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: DECEMBER 2014
DRAWN BY: M. SOTO
APPVD. BY: PUBLIC WORKS

2015 CITY OF GRAND ISLAND
ONE YEAR STREET IMPROVEMENT PLAN

FAIDLEY AVE EXTENSION;
NORTH RD TO IRONGATE AVE
M-310 (353)

- 🌐 This project will extend paving to join the two (2) existing segments of Faidley Avenue, between North Road and Irongate Avenue



M-310 (353)
Faidley Ave Extension to North Road

LEGEND

1 YEAR PROJECTS

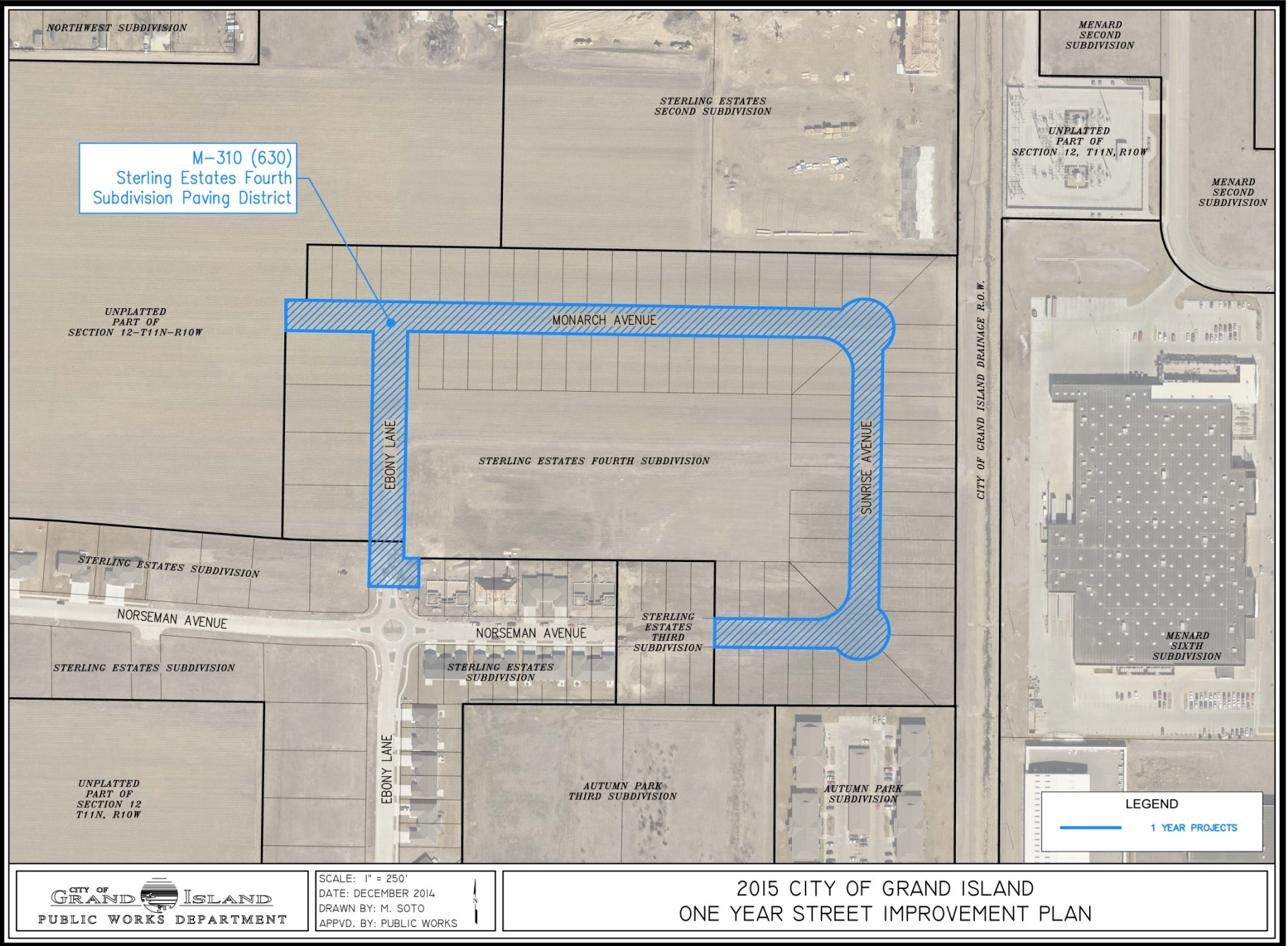
FAIDLEY AVENUE & DIERS AVENUE TRAFFIC SIGNAL INSTALLATION M-310 (627)

- With the extension of Faidley Avenue west to North Road the projected increase in traffic is anticipated to warrant a traffic signal.
- The radii at this intersection will be widened to better accommodate turns.



STERLING ESTATES PAVING DISTRICT NO. 1263 M-310(630)

- The District will consist of finishing the pavement around Niedfelt Park including Ebony Lane, Monarch, Norseman, and Sunrise Avenues.
- The project consists of new 37' roadway with parking along Ebony Lane for Niedfelt Park.



DELTA STREET STORM SEWER IMPROVEMENTS M-310 (634)

- Install additional catch basins.
- Connect this area to existing storm sewer.



1 & 6 YEAR STREET IMPROVEMENT PLAN

	2015	2016	2017	2018	2019
OBLIGATED TO OTHER AGENCIES					
4th St & 5th St; Sycamore St to Eddy St ADA Ramps (CDBG)	\$ 400,000.00				
Hwy 30 Realignment [\$18,000,000 total project cost]					\$ 9,000,000.00
Capital Avenue Widening - Webb to Broadwell [\$10,166,000 total project cost]	\$ 2,307,990.00	\$ 1,331,010.00			
Hwy 30 Resurfacing [\$5,745,000 total project cost]			\$ 584,000.00		
Hwy 281 in GI & North [\$6,019,000 total project cost]			\$ 1,166,000.00		
RECONSTRUCTION/NEW CONSTRUCTION					
South Blaine St Bridge Replacements	\$ 595,000.00				
Stolley Park Rd Pavement Maintenance & Intersection Study		\$ 500,000.00			
3rd St & Wheeler Ave Intersection Improvements	\$ 250,000.00				
Sterling Estates Paving District No. 1263	\$ 650,000.00				
Faidley Ave & Diers Ave Traffic Signal Installation		\$ 250,000.00			
South Front St Bridge Rehab - Bridge Deck Rehab		\$ 600,000.00			
Webb Road Paving & Drainage Improvements (UPRR to New Hwy 30)		\$ 250,000.00			
Talc Rd/ Swift Rd Connector Construction		\$ 1,500,000.00			
Shady Bend Rd - Mill & Resurface/Bridge Repair			\$ 250,000.00		
Skypark Improvements - Capital Ave to Airport Rd				\$ 800,000.00	
Skypark Improvements - Airport Rd to Abbott Rd					\$ 700,000.00
Airport Rd & Skypark Rd Intersection Improvement			\$ 45,000.00		
Faidley Ave Extension from North Rd to EOC (heading East)	\$ 1,000,000.00				
Delta St Storm Sewer Improvements	\$ 55,000.00				
TOTAL	\$ 5,257,990.00	\$ 4,431,010.00	\$ 2,045,000.00	\$ 800,000.00	\$ 9,700,000.00

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