Technical Advisory Committee

Monday, November 21, 2016

Regular Session

Item J2

1 & 6 Plan

The One & Six Year Street Improvement Plan is developed each year and outlines the street improvement projects that are being planned in a six-year period. The Board of Public Roads, Classifications, and Standards require that the Department of Roads, each municipality, and each County within the State develop and file a One- and Six- Year Plan of highway, road, and street improvements. The proposed 2017 One & Six Year Street Improvement Plan for Grand Island is schedule for approval by Regional Planning Commission in January 2017.

Staff Contact: John Collins PE, Public Works Director

Draft 1 & 6 Year Street Improvement Plan
City of Grand Island, Nebraska

Previous Year Projects –

Project No.	Project	Date Completed (actual or estimated)	Projected Cost
M-310 (89)	Capital Avenue Widening; Webb Road to Broadwell Avenue	November 2016, substantially complete	$ 10,166,000
M-310 (267)	Blaine Street Bridge Replacement	March 1, 2016	$ 500,000
M-310 (584)	Stolley Park Road Rehabilitation & Reconfiguration	Changed to Phased, delayed to 1 & 6 year plan	$ 1,500,000
M-310 (598)	Sky Park Road & Airport Road Intersection Improvements	October 1, 2016	$ 10,000
M-310 (628)	4th Street & 5th Street Community Development Block Grant	Construction occurred 2015 & 2016, continue to 1 year plan	$ 843,262
M-310 (635)	Local Resurfacing; includes 1st Street & 2nd Street (Hwy 30)	July 1, 2016	$ 956,000
M-310 (636)	Waugh Street Realignment	July 1, 2016	$ 135,000
M-310 (637)	Jefferson Street Paving	September 1, 2016	$ 300,000
M-310 (638)	Adams Street Widening & Roundabout	Delayed to 1 year plan	$ 1,000,000
M-310 (639)	State Fair Boulevard & South Locust Street Traffic Signal Relocation	August 1, 2016	$ 51,000
M-310 (640)	Pavement Lifting & Stabilization on South Locust Street	August 1, 2016	$ 250,000
M-310 (641)	Pavement Condition Survey (GASB requirement)	November 1, 2016	$ 200,000

$ 15,911,262

Draft 1 & 6 Year Street Improvement Plan

City of Grand Island, Nebraska

One Year Projects –

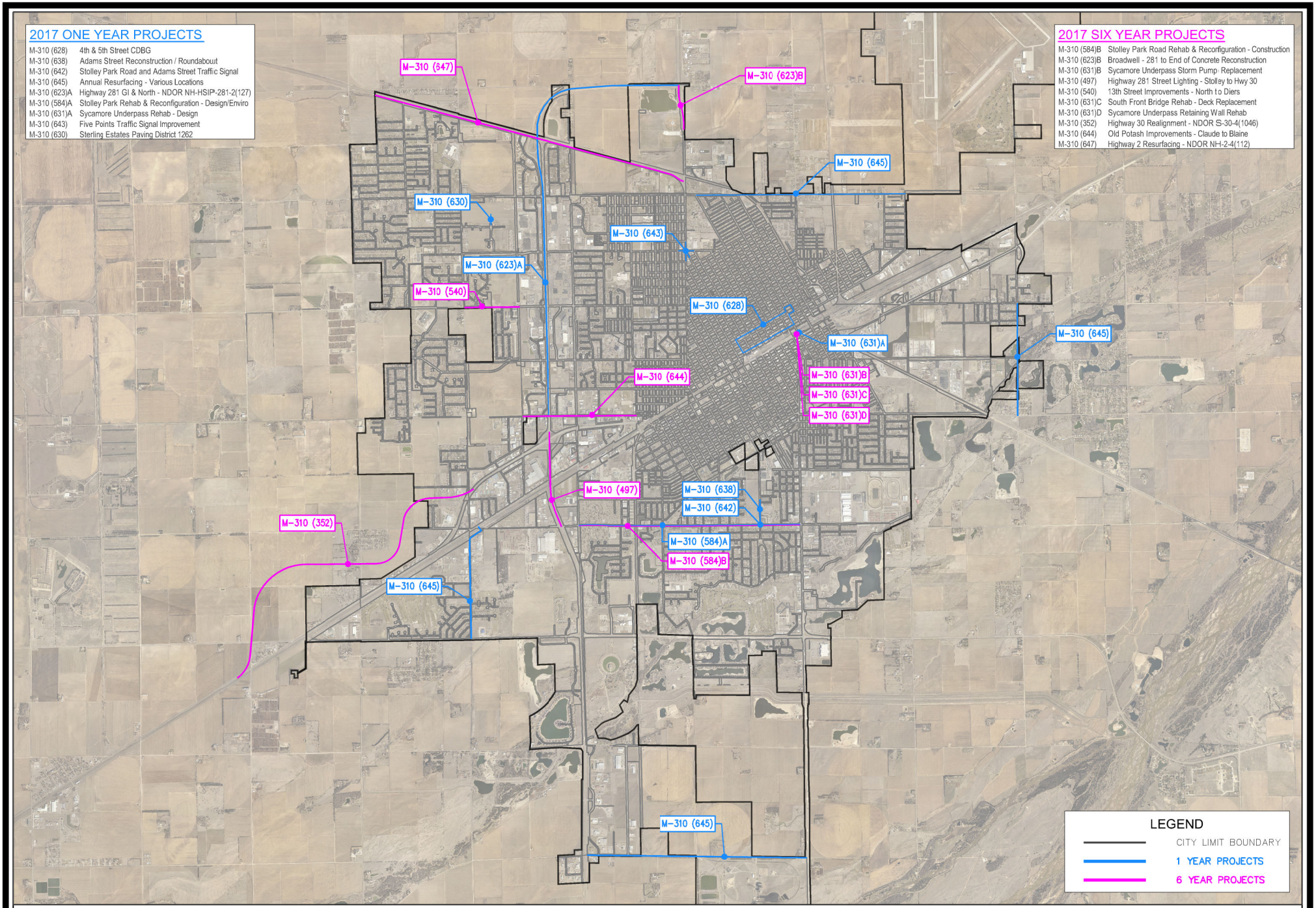
Project No.	Project	Total Estimated Cost	City Estimated Cost
M-310 (628)	4th Street & 5th Street Community Development Block Grant	$ 400,000	$ 400,000
M-310 (638)	Adams Street Widening, Roundabout & Traffic Signal Installation	$ 1,000,000	$ 500,000
M-310 (645)	Asphalt Resurfacing, 2017-AC-1	$ 900,000	$ 900,000
M-310 (623)A	Hwy 281 in GI & North - NDOR, NH-HSIP-281-2(127), City Share Est. $2M	$ 19,048,000	$ 3,800,000
M-310 (623)B	Broadwell Ave - Hwy 281 to End Concrete Reconstruction	$ 1,800,000	$ 1,800,000
M-310 (584)A	Stolley Park Road Rehabilitation & Reconfiguration - Design & Environment	$ 135,000	$ 13,500
M-310 (631)A	Sycamore Underpass Rehabilitation - Desing	$ 80,000	$ 80,000
M-310 (643)	Five Points Traffic Signal Improvements	$ 350,000	$ 350,000
M-310 (630)	Sterling Estates Paving District No. 1262	$ 300,000	$ 150,000
		$ 24,013,000	$ 7,993,500

Draft 1 & 6 Year Street Improvement Plan
City of Grand Island, Nebraska

Six Year Projects –

Project No.	Project	Total Estimated Cost	City Estimated Cost
M-310 (628)	4th Street & 5th Street Community Development Block Grant	$ 400,000	$ 400,000
M-310 (638)	Adams St Widening, Roundabout & Traffic Signal Installation	$ 1,000,000	$ 500,000
M-310 (645)	Asphalt Resurfacing, 2017-AC-1	$ 900,000	$ 900,000
M-310 (623)A	Highway 281 in Grand Island & North - NDOR, NH-HSIP-281-2 (127), City Share Est. $2M	$ 8,800,000	$ 2,000,000
M-310 (623)B	Broadwell Ave - Hwy 281 to End Concrete Reconstruction	$ 1,800,000	$ 1,800,000
M-310 (584)A	Stolley Park Rehabilitiation & Reconfiguration - Design & Environmental	$ 135,000	$ 13,500
M-310 (631)A	Sycamore Underpass Rehab - Design	$ 80,000	$ 80,000
M-310 (643)*	Five Points Traffic Signal Improvement	$ 350,000	$ 350,000
M-310 (630)*	Sterling Estates Paving District No. 1262	$ 300,000	$ 150,000
M-310 (584)B	Stolley Park Rehabilitiation & Reconfiguration - Construction	$ 1,500,000	$ 150,000
M-310 (631)B	Sycamore Underpass Storm Pump Replacement	$ 60,000	$ 60,000
M-310 (631)C	South Front Street Bridge Rehab - Deck Replacement	$ 1,000,000	$ 1,000,000
M-310 (631)D	Sycamore Underpass Retaining Wall Rehabilitation	$ 1,000,000	$ 1,000,000
M-310 (352)	Highway 30 Realignment, S-30-4(1046) - City Share Est. $10M	$ 29,320,000	$ 10,000,000
M-310 (647)*	Highway 2 Resurfacing NDOR, NH-2-4(112) - City Share Est. $600K	$ 3,750,000	$ 600,000
M-310 (633)	Swift Rd Connector - Deleted until programmed	$ 1,500,000	$ -
		$ 51,895,000	$ 19,003,500

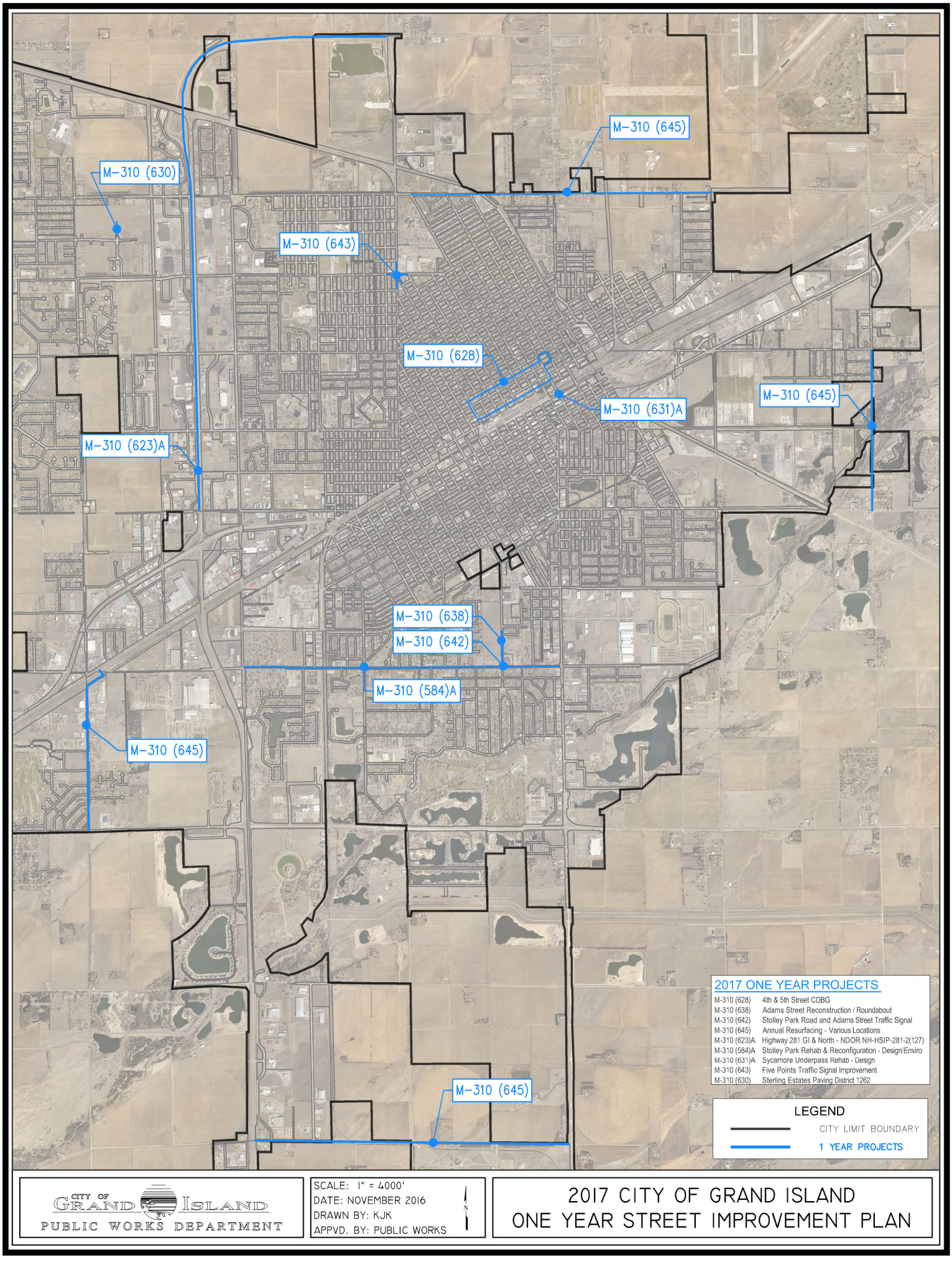
*Added projects from previous year

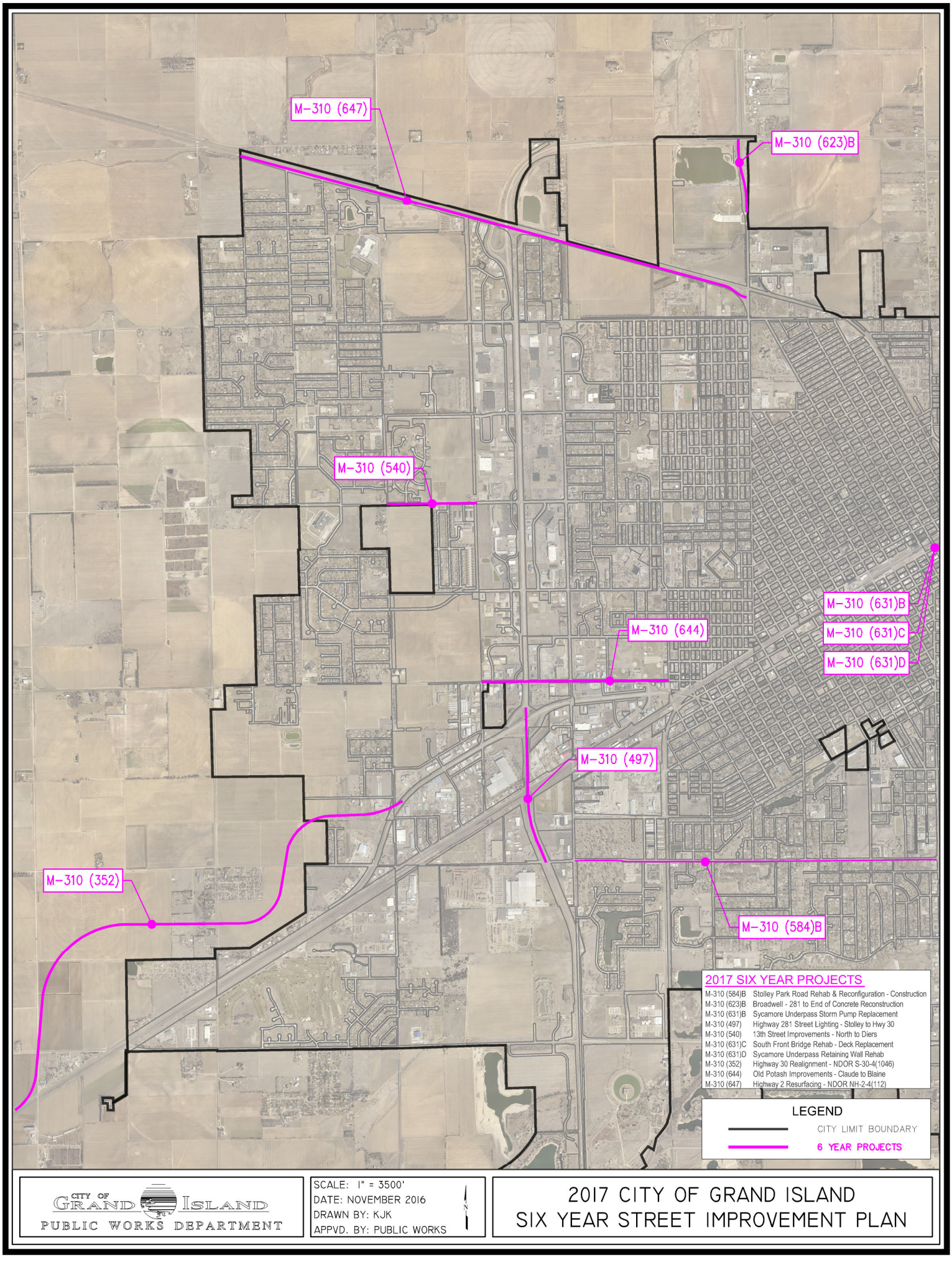


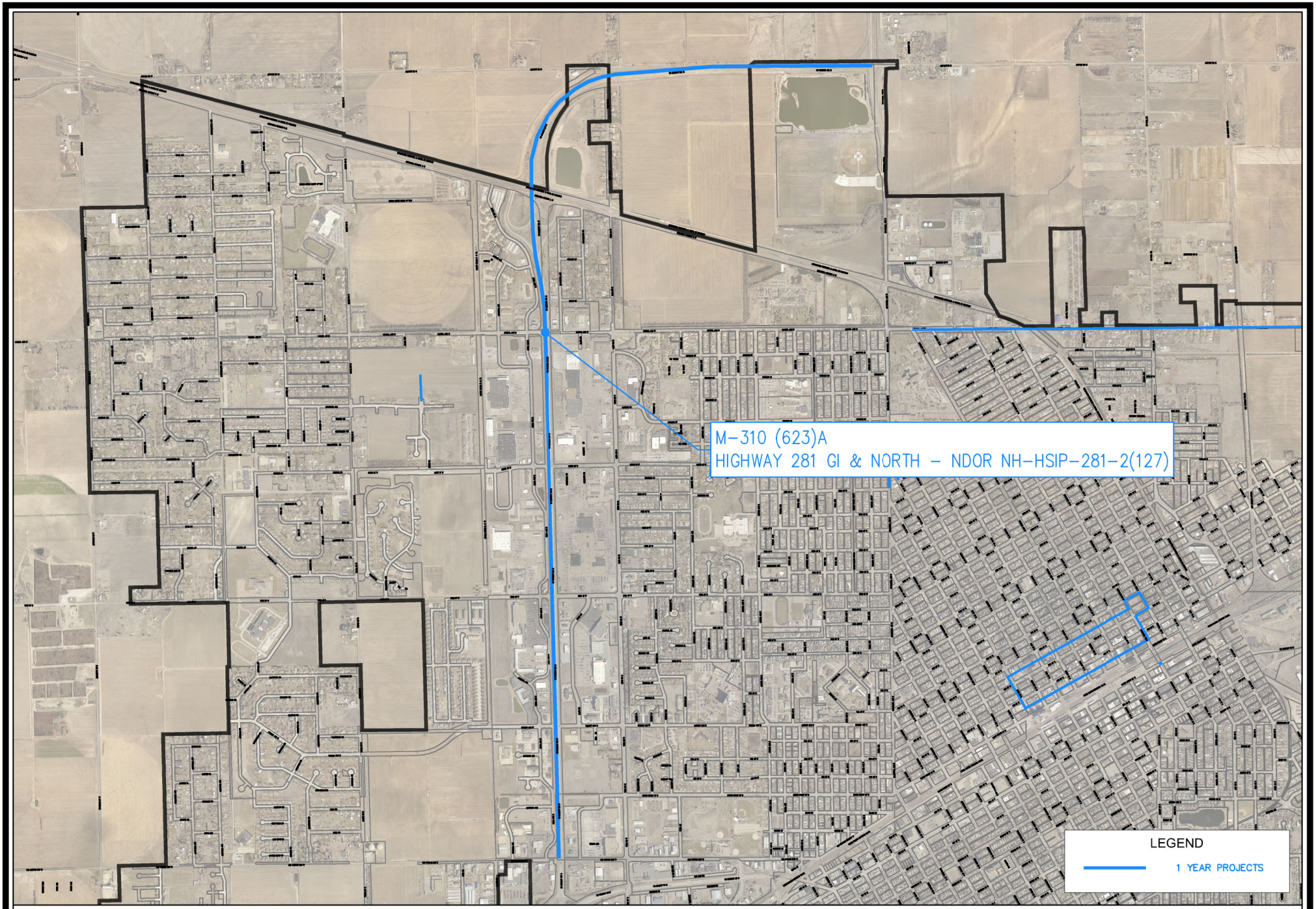
CITY OF GRAND ISLAND
PUBLIC WORKS DEPARTMENT

SCALE: 1" = 6000'
DATE: NOVEMBER 2016
DRAWN BY: KJK
APPVD. BY: PUBLIC WORKS

2017 CITY OF GRAND ISLAND
1 & 6 YEAR STREET IMPROVEMENT PLAN


M-310 (645)
M-310 (630)
M-310 (643)
M-310 (628)
M-310 (631)A
M-310 (645)
M-310 (623)A
M-310 (638)
M-310 (642)
M-310 (584)A
M-310 (645)
M-310 (645)
2017 ONE YEAR PROJECTS
M-310 (628) 4th & 5th Street CDBG
M-310 (638) Adams Street Reconstruction / Roundabout
M-310 (642) Stolley Park Road and Adams Street Traffic Signal
M-310 (645) Annual Resurfacing - Various Locations
M-310 (623)A Highway 281 GI & North - NDOR NH-HSIP-281-2(127)
M-310 (584)A Stolley Park Rehab & Reconfiguration - Design/Enviro
M-310 (631)A Sycamore Underpass Rehab - Design
M-310 (643) Five Points Traffic Signal Improvement
M-310 (630) Sterling Estates Paving District 1262
LEGEND
CITY LIMIT BOUNDARY
1 YEAR PROJECTS
CITY OF GRAND ISLAND
PUBLIC WORKS DEPARTMENT
SCALE: 1" = 4000'
DATE: NOVEMBER 2016
DRAWN BY: KJK
APPVD. BY: PUBLIC WORKS
N
2017 CITY OF GRAND ISLAND
ONE YEAR STREET IMPROVEMENT PLAN

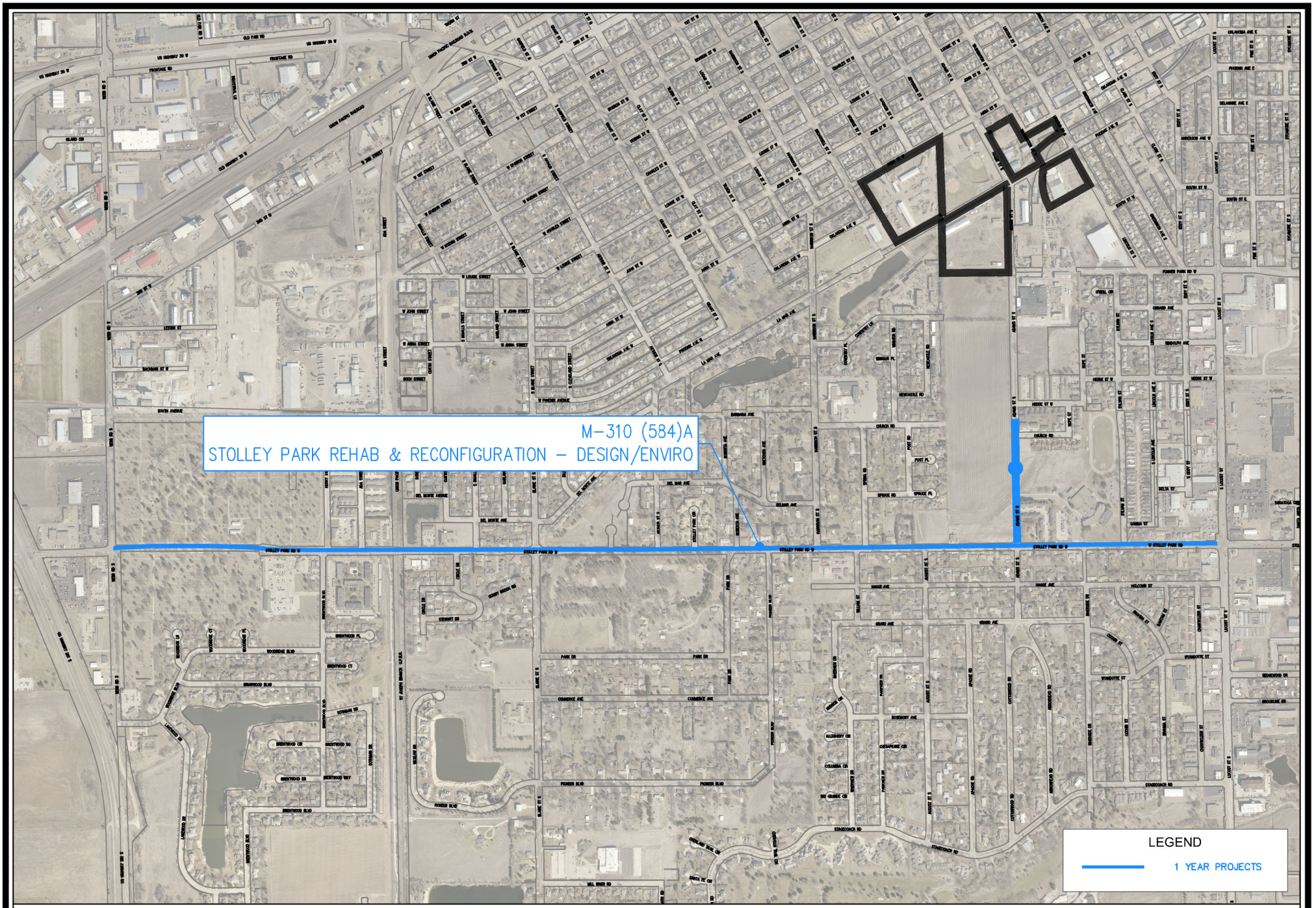

M-310 (647)
M-310 (623)B
M-310 (540)
M-310 (631)B
M-310 (631)C
M-310 (631)D
M-310 (644)
M-310 (497)
M-310 (352)
M-310 (584)B
2017 SIX YEAR PROJECTS
M-310 (584)B Stolley Park Road Rehab & Reconfiguration - Construction
M-310 (623)B Broadwell - 281 to End of Concrete Reconstruction
M-310 (631)B Sycamore Underpass Storm Pump Replacement
M-310 (497) Highway 281 Street Lighting - Stolley to Hwy 30
M-310 (540) 13th Street Improvements - North to Diers
M-310 (631)C South Front Bridge Rehab - Deck Replacement
M-310 (631)D Sycamore Underpass Retaining Wall Rehab
M-310 (352) Highway 30 Realignment - NDOR S-30-4(1046)
M-310 (644) Old Potash Improvements - Claude to Blaine
M-310 (647) Highway 2 Resurfacing - NDOR NH-2-4(112)
LEGEND
CITY LIMIT BOUNDARY
6 YEAR PROJECTS
CITY OF GRAND ISLAND
PUBLIC WORKS DEPARTMENT
SCALE: 1" = 3500'
DATE: NOVEMBER 2016
DRAWN BY: KJK
APPVD. BY: PUBLIC WORKS
N
2017 CITY OF GRAND ISLAND
SIX YEAR STREET IMPROVEMENT PLAN



CITY OF GRAND ISLAND
PUBLIC WORKS DEPARTMENT

SCALE: 1" = 2500'
DATE: NOVEMBER 2016
DRAWN BY: KJK
APPVD. BY: PUBLIC WORKS

2017 CITY OF GRAND ISLAND
ONE YEAR STREET IMPROVEMENT PLAN



CITY OF GRAND ISLAND
PUBLIC WORKS DEPARTMENT

SCALE: 1" = 1200'
DATE: NOVEMBER 2016
DRAWN BY: KJK
APPVD. BY: PUBLIC WORKS

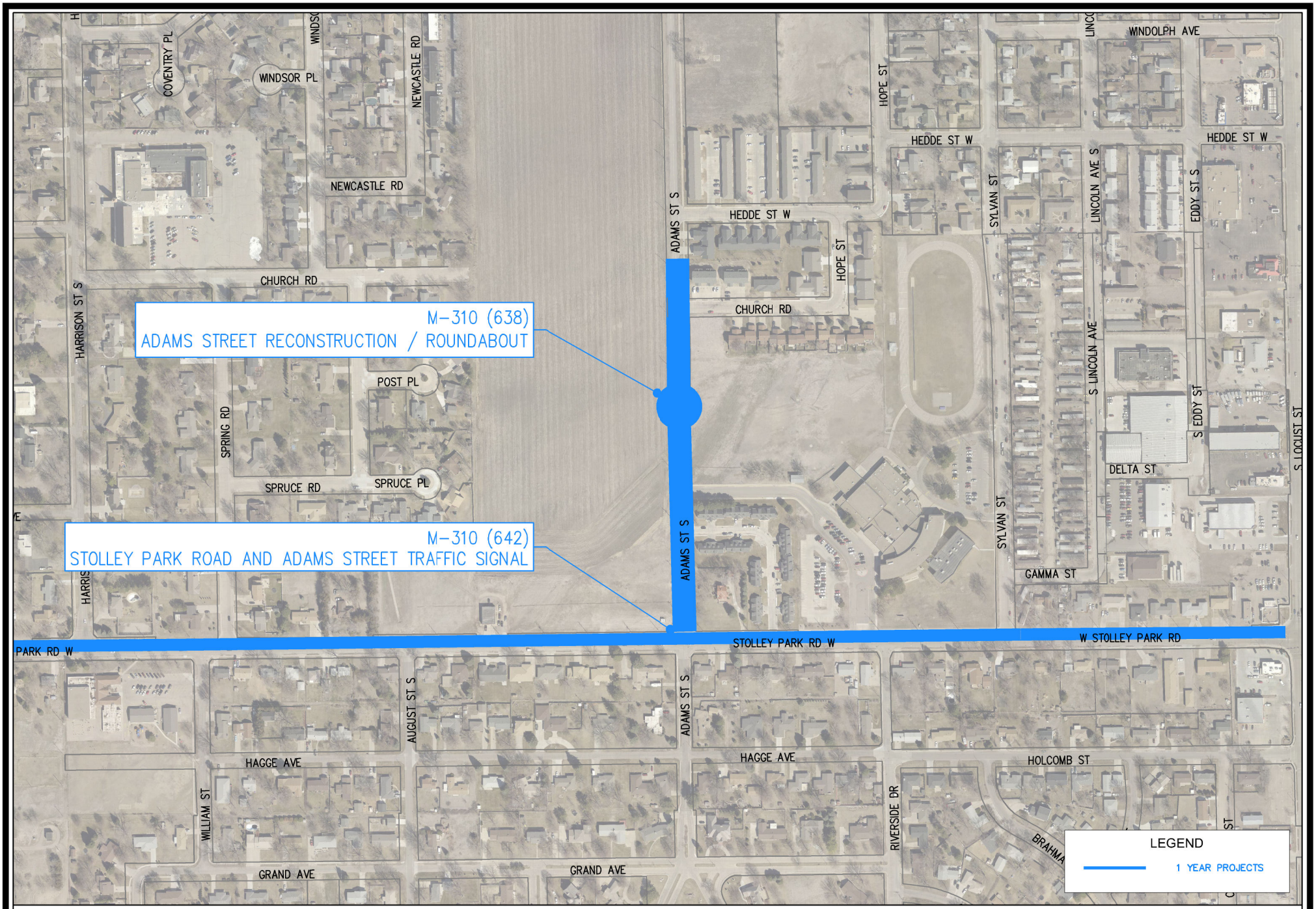
2017 CITY OF GRAND ISLAND
ONE YEAR STREET IMPROVEMENT PLAN

CITY OF GRAND ISLAND
PUBLIC WORKS DEPARTMENT

SCALE: 1" = 400'
DATE: NOVEMBER 2016
DRAWN BY: KJK
APPVD. BY: PUBLIC WORKS

2016 CITY OF GRAND ISLAND
ONE YEAR STREET IMPROVEMENT PLAN

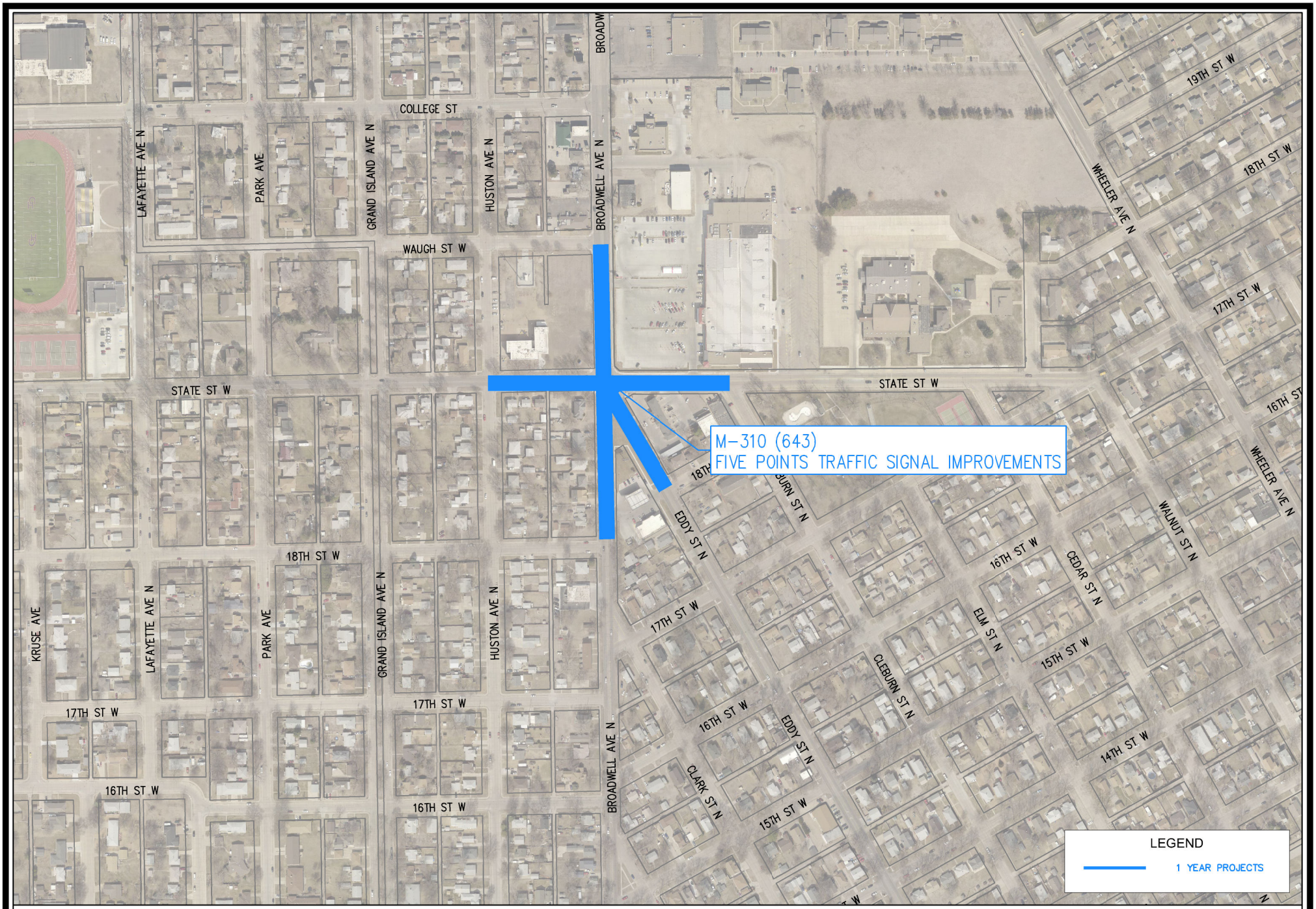
CAPITAL AVE W
CAPITAL AVE W
CAPITAL AVE W
GROVE AVE
DIERS AVE N
NORTH RD N
NORTH RD N
NORSEMAN AVE
BOSTON CIR
SACRAMENTO CIR
MANCHESTER RD
M-310 (630)
STERLING ESTATES PAVING DISTRICT 1262
LEGEND
1 YEAR PROJECTS
CITY OF GRAND ISLAND
PUBLIC WORKS DEPARTMENT
SCALE: 1" = 400'
DATE: NOVEMBER 2016
DRAWN BY: KJK
APPVD. BY: PUBLIC WORKS
2017 CITY OF GRAND ISLAND
ONE YEAR STREET IMPROVEMENT PLAN



CITY OF GRAND ISLAND
PUBLIC WORKS DEPARTMENT

SCALE: 1" = 400'
DATE: NOVEMBER 2016
DRAWN BY: KJK
APPVD. BY: PUBLIC WORKS

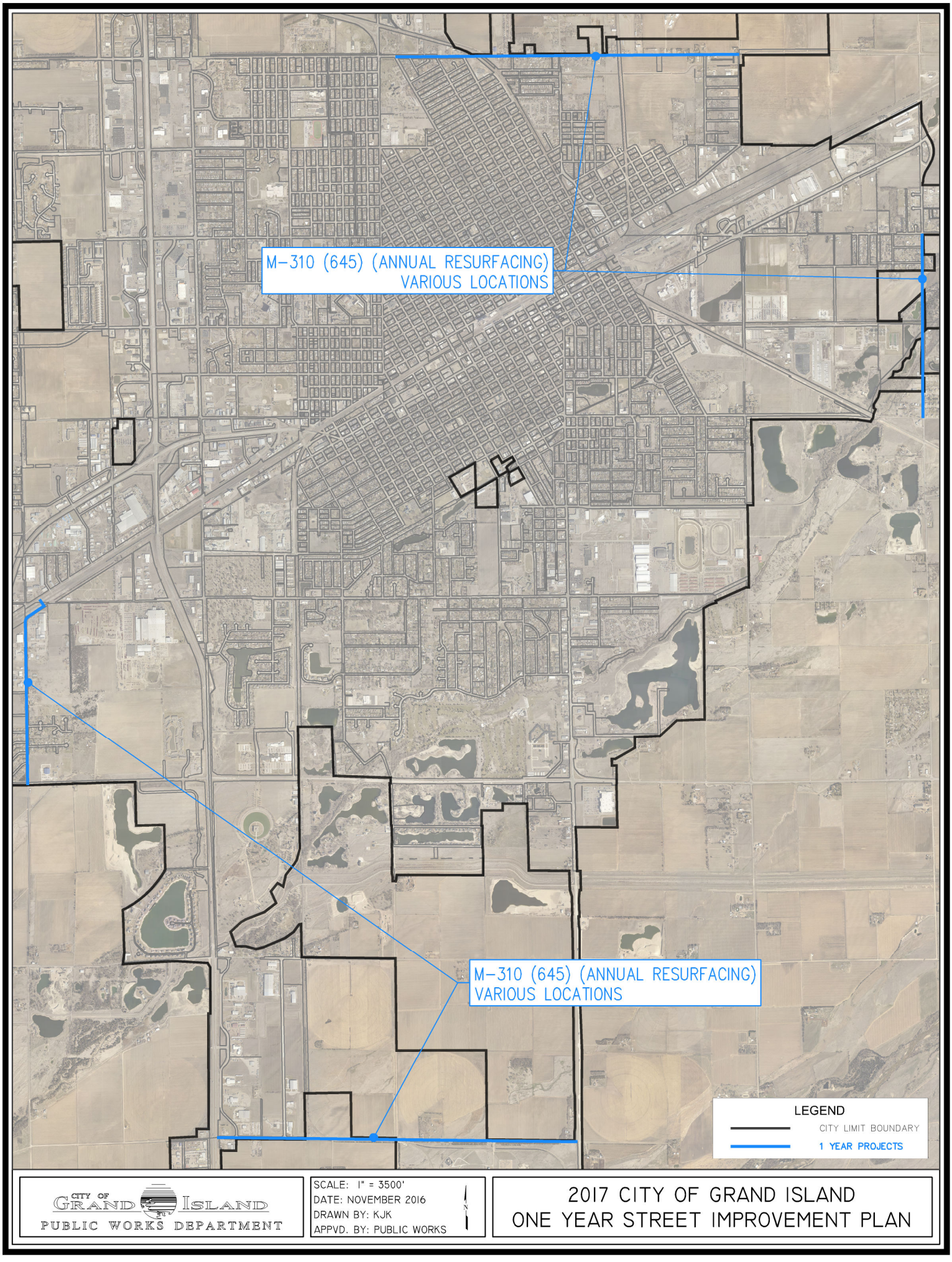
2017 CITY OF GRAND ISLAND
ONE YEAR STREET IMPROVEMENT PLAN



CITY OF GRAND ISLAND
PUBLIC WORKS DEPARTMENT

SCALE: 1" = 400'
DATE: NOVEMBER 2016
DRAWN BY: KJK
APPVD. BY: PUBLIC WORKS

2017 CITY OF GRAND ISLAND
ONE YEAR STREET IMPROVEMENT PLAN


M-310 (645) (ANNUAL RESURFACING)
VARIOUS LOCATIONS
M-310 (645) (ANNUAL RESURFACING)
VARIOUS LOCATIONS
LEGEND
CITY LIMIT BOUNDARY
1 YEAR PROJECTS
CITY OF GRAND ISLAND
PUBLIC WORKS DEPARTMENT
SCALE: 1" = 3500'
DATE: NOVEMBER 2016
DRAWN BY: KJK
APPVD. BY: PUBLIC WORKS
N
2017 CITY OF GRAND ISLAND
ONE YEAR STREET IMPROVEMENT PLAN