City of Grand Island

Tuesday, March 12, 2013
Council Session

Item I1

#2013-70 - Consideration of Approving One and Six Year Street Improvement Program

This item relates to the aforementioned Public Hearing item E-2.

Staff Contact: Terry Brown, Interim Public Works Director

R E S O L U T I O N 2013-70

WHEREAS, the Regional Planning Commission, after public notice having been published in one issue of the Grand Island Independent, and such notice also having been posted in at least three places in areas where it was likely to attract attention, conducted a public hearing on February 6, 2013, on the One and Six Year Street Improvement Plan for the City of Grand Island; and

WHEREAS, at the February 6, 2013 public hearing, the Regional Planning Commission approved the One and Six Year Street Improvement Plan 2013-2018, and recommended that such program be approved by the City Council; and

WHEREAS, the Grand Island City Council, after public notice having been published in one issue of the Grand Island Independent, and such notice also having been posted in at least three places in areas where it was likely to attract attention, conducted a public hearing on March 12, 2013, on the One and Six Year Street Improvement Plan for the City of Grand Island; and

WHEREAS, this Council has determined that the One and Six Year Street Improvement Program as set out in Exhibit "A" should be adopted.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the One and Six Year Street Improvement Program 2013-2018, based on priorities of needs and calculated to contribute to the orderly development of city streets, and identified as Exhibit "A", is hereby approved and adopted by this Council.

- - -

Adopted by the City Council of the City of Grand Island, Nebraska, March 12, 2013.

_____
Jay Vavricek, Mayor

Attest:

_____
RaNae Edwards, City Clerk

Approved as to Form ¤ _____
March 8, 2013 ¤ City Attorney

2013

ONE AND SIX YEAR STREET IMPROVEMENT PLAN

GRAND ISLAND, NEBRASKA

Board of Public Roads Classifications and Standards

Form 11 Report of Previous Year
Highway or Street Improvement

Year Ending: December 31, 2012 Sheet 1 of 1

County:	City: GRAND ISLAND	Village:

PROJECT NUMBER	LENGTH *(Nearest Tenth)*	UNIT OF MEASURE	PROJECTED COST *(Thousands)*	CONTRACT PROJECT	OWN FORCES	DATE COMPLETED *(Actual or Estimated)*
M-310 (89)	1.2	MILE				Delayed, Construction in 2015
M-310 (411)	2.0	MILE	2,794	X		Est. June 2013
M-310 (508)	0.7	MILE				Delayed to 1-Year Plan
M-310 (515)	0.2	MILE	248	X		July 2012
M-310 (537)	300.0	FEET				Delayed to 1-Year Plan
M-310 (578)	1.9	MILE	1,144	X		October 2012
M-310 (579)	4.5	MILE				Delayed to 1-Year Plan, construction completed in
M-310 (591)	100.0	FEET				Delayed to 1-Year Plan
M-310 (593)	1.3	MILE	603	X		August 2012
M-310 (267)	220.0	FEET				Delayed to 2014
M-310 (459)						Deleted, not street improvement project
M-310 (461)						Deleted, not street improvement project
M-310 (544)						Deleted, not street improvement project
M-310 (595)						Deleted, not street improvement project
M-310 (596)						Deleted, not street improvement project
M-310 (447)						Deleted, not street improvement project
M-310 (572)						Deleted, not street improvement project
M-310 (590)						Deleted, not street improvement project
M-310 (597)	0.0	MILE	102	X		June 2012

Signature:	Title: Street Superintendent	Date:

NBCS Form 11, Jul 96

Board of Public Roads Classifications and Standards

Form 8 Summary of One-Year Plan

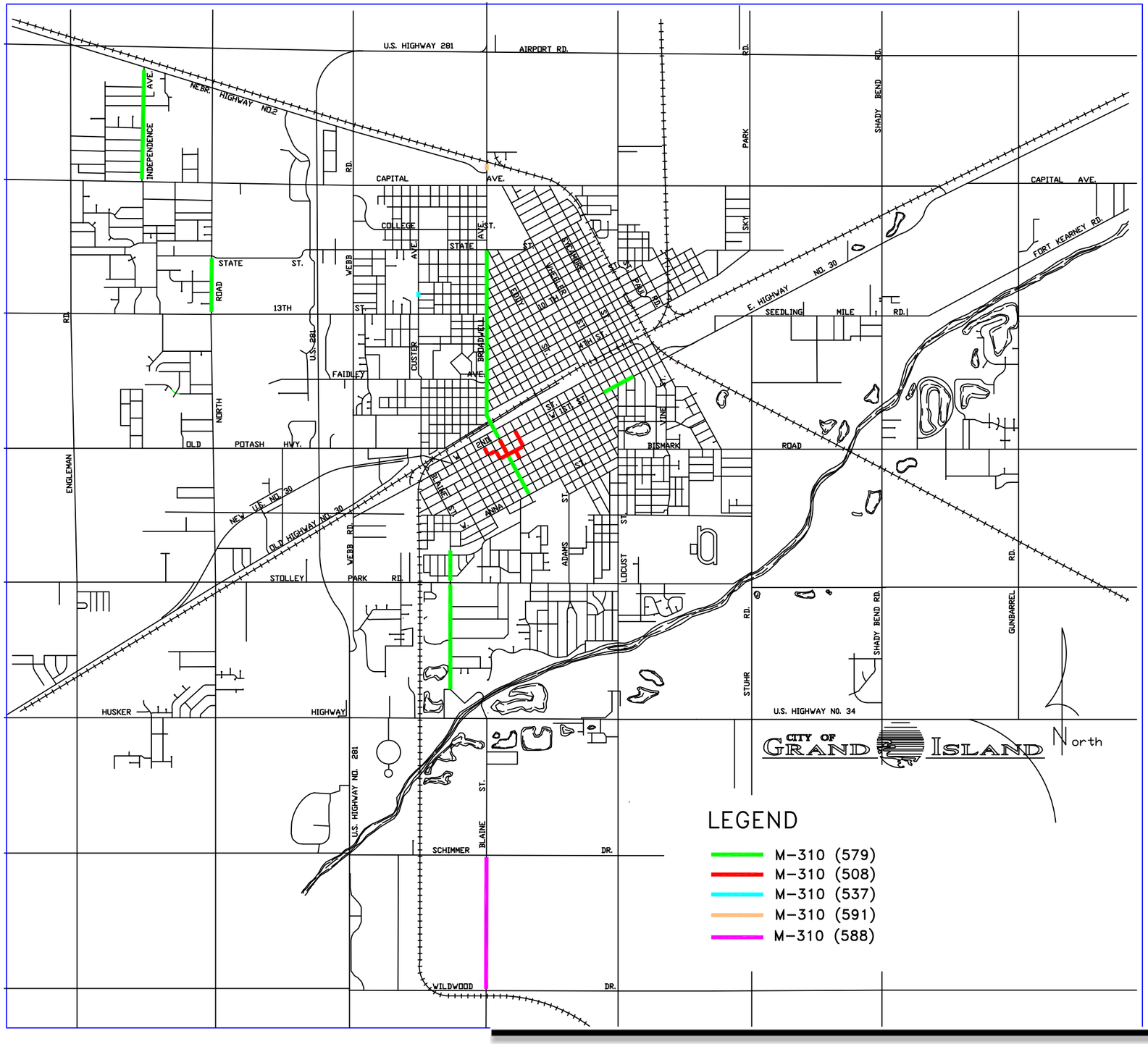
Year Ending: December 31, 2012 Sheet: 1 of 1

County:	City: GRAND ISLAND	Village:

PRIORITY NUMBER	PROJECT NUMBER	LENGTH *(Nearest Tenth)*	UNIT OF MEASURE	ESTIMATED COST *(Thousands)*	REMARKS
1	M-310 (579)	4.5	MILE	3,413	Federal Aid Project
2	M-310 (508)	0.7	MILE	1,495	Federal Aid Project
3	M-310 (537)	300.0	FEET	384	Federal Aid Project
4	M-310 (591)	100.0	FEET	40	Shoulder Imp @ BNSF
5	M-310 (588)	1.0	MILE	1,200	Blaine Street Paving

Signature:	Title: Street Superintendent	Date:

NBCS Form 8, Jul 96



2013 One-Year Plan

PLAN

2013 One-Year Plan

DATE:02/14/13
DRAWN BY: TY
APPVD. BY

CITY OF GRAND ISLAND
PUBLIC WORKS DEPARTMENT

Board of Public Roads Classifications and Standards

Form 9 Summary of Six-Year Plan

Six-Year Period Ending: December 31, 2012 Sheet: 1 of 1

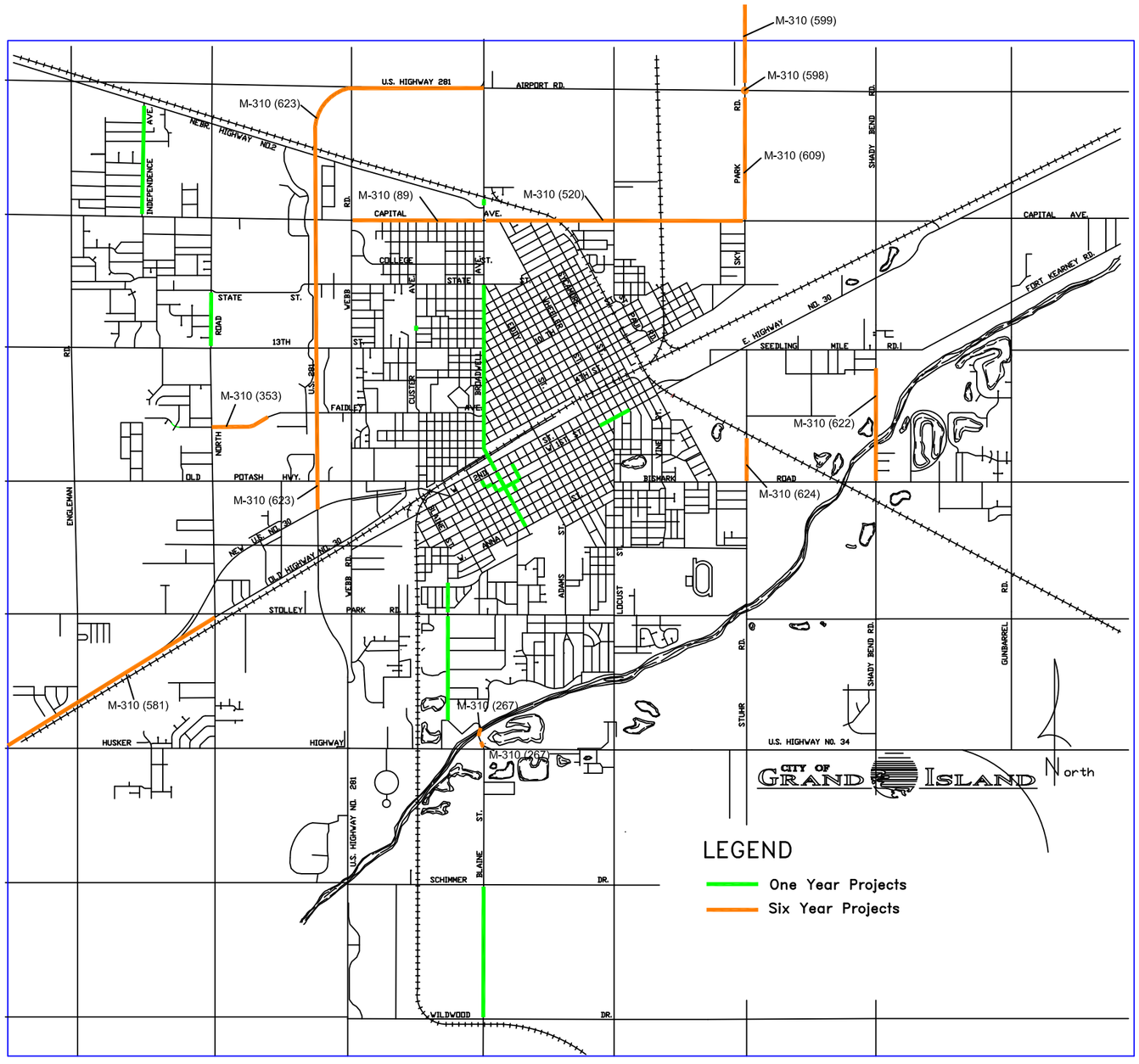
County:	City:	Village:
	GRAND ISLAND	

PRIORITY NUMBER	PROJECT NUMBER	LENGTH *(Nearest Tenth)*	UNIT OF MEASURE	ESTIMATED COST *(Thousands)*	REMARKS
1	M-310 (579)	4.5	MILE	3,413	Various Location Resurfacing - FED AID
2	M-310 (508)	0.7	MILE	1,495	US Hwy 30 Drainage Improvements - FED AID
3	M-310 (537)	300.0	FEET	384	Custer & 15th - Realign Dwy/Traffic Signal Install - FED AID
4	M-310 (89)	1.2	MILE	8,151	Capital Avenue Widening - Webb to Broadwell
5	M-310 (581)	12.2	MILE	5,745	Hwy 30 Resurfacing - NDOR
6	M-310 (623)	9.6	MILE	6,019	Hwy 281 in GI & North - NDOR
7	M-310 (591)	100.0	FEET	40	Broadwell Ave Shoulder Improvement @ BNSF Crossing
8	M-310 (267)	220.0	FEET	200	Blaine St Bridges
9	M-310 (624)	0.4	MILE	160	Stuhr Rd Concrete Overlay
10	M-310 (622)	0.8	MILE	250	Shady Bend Rd - Mill & Resurface/Bridge Repair
11	M-310 (588)	1.0	MILE	1,200	Blaine St Paving from Schimmer to Wildwood - CDBG
12	M-310 (598)	600.0	FEET	45	Skypark & Airport Intersection Improvements
13	M-310 (353)	0.4	MILE	820	Faidley Ave extention to North Rd
14	M-310 (609)	1.0	MILE	800	Skypark Rd Improvements - Capital to Airport
15	M-310 (599)	1.0	MILE	700	Skypark Rd Improvements - Airport to Abbott
16	M-310 (520)	2.0	MILE	1,500	Capital Ave Widening - Broadwell to Skypark

Reasons for major changes in the Six-Year program are as follows: Leadership change in the City of Grand Island Public Works Department recongnizing the need to revise and edit the projects being listed on the annual One- and Six-Year Plan. A list of the deleted projects, as well as, projects that have been removed until they are programmed/funded are attached.

Signature:	Title:	Date:
	Street Superintendent	

NBCS Form 9, Jul 96



2013 Six-Year Plan

PLAN

2013 Six-Year Plan

DATE:02/14/13
DRAWN BY TY
APPVD. BY

CITY OF GRAND ISLAND
PUBLIC WORKS DEPARTMENT

Deleted & Removed Projects
City of Grand Island - 2013

DELETED PROJECTS

M-310 (447)	Trail along Moores Creek Drain - State to Capital Connector
M-310 (459)	Southwest Drainage Project (CCC to Wood River)
M-310 (461)	Construction of NW GI Flood Control Project
M-310 (485)	PVIP Drainage Project - Phase I (Design)
M-310 (507)	Independence - Construct Culverts & Fill in West Ditch
M-310 (511)	Moores Creek - Old Potash to Edna
M-310 (544)	Concrete Lining of Drainage Ditches
M-310 (559)	Concrete Lining of Drainage Ditches
M-310 (563)	Concrete Lining of Drainage Ditches
M-310 (565)	Trail along Locust from US Hwy 34 to Stagecoach
M-310 (568)	Update Moores Creek Drainage Plan
M-310 (572)	Annual Sidewalk Projects
M-310 (576)	Misc. Major Drainage Development
M-310 (590)	Third & Wheeler Downtown Historical Lighting Project
M-310 (595)	Highway 281 Drainage Project - Phase I
M-310 (596)	Storm Cell Improvements
M-310 (600)	Annual Asphalt Resurfacing Project
M-310 (601)	Storm Cell Improvements
M-310 (602)	Highway 281 Drainage Project - Phase II
M-310 (603)	Comprehensive Drainage Plan
M-310 (605)	Trail along Broadwell Ave - Capital Ave to Eagle Scout Park - PE
M-310 (611)	Annual Asphalt Resurfacing Project
M-310 (612)	Highway 281 Drainage Project - Phase III
M-310 (613)	Storm Cell Improvements
M-310 (616)	Annual Asphalt Resurfacing Project
M-310 (617)	Storm Cell Improvements
M-310 (619)	Annual Asphalt Resurfacing Project
M-310 (620)	Storm Cell Improvements
M-310 (621)	Annual Asphalt Resurfaincg Project
M-310 (499A)	Broadwell Ave/UPRR - Environmental Study/Preliminary Engineering
M-310 (507A)	Independence Avenue Drainage - Design
M-310 (584A)	Stolley Park Corridor Improvements (Design)

Deleted & Removed Projects
City of Grand Island - 2013

REMOVED PROJECTS

M-310 (352)	Hwy 30 Relocation - US 281 West
M-310 (458)	Signal @ US Highway 34/281 and Wildwood Rd
M-310 (497)	Lighting on US Highway 281 from Stolley Park Rd to Old Potash Hwy
M-310 (499)	Broadwell Ave/UPRR - Construction
M-310 (502)	Shady Bend Rd @ UPRR -E Bypass
M-310 (518)	Quiet Zone - UPRR Corridor - Lincoln, Broadwell & Blaine/Custer
M-310 (521)	Swift Rd - WWTP to Stuhr Rd
M-310 (527)	Misc. Safety Projects - TBD
M-310 (528)	State/Diers Intersection Improvements
M-310 (533)	Husker Hwy W of US Hwy 34/281 Intersection
M-310 (535)	Barr Middle School Traffic Circulation Improvements
M-310 (538)	Capital Ave & North Rd Intersection Improvement
M-310 (539)	3rd St Widening - Adams to Eddy
M-310 (540)	North Rd & 13th St Intersection Improvements
M-310 (545)	Signal @ US Hwy 34/281 and Rae Rd
M-310 (546)	Annual Paving Program (Assessment Districts) - W Stolley Park Rd & Westwood Park Sub
M-310 (550)	Left Turn Lane - North Rd @ NWHS
M-310 (551)	Stolley Park Rd & North Rd Intersection
M-310 (552)	Left Turn Lane on Husker Hwy @ HLHS
M-310 (553)	Left Turn Lane on 13th @ Redwood/Mansfield
M-310 (554)	Resurface Wildwood from US Hwy 281 to Locust St
M-310 (556)	North Rd over UPRR
M-310 (564)	Stolley - Fonner/HEC/Fair Entrance to Stuhr Rd
M-310 (574)	Misc. Signals - TBD
M-310 (580)	Highway 281 Southbound Repair
M-310 (583)	North Rd & Old Potash Intersection Improvements
M-310 (585)	State Street - Webb Rd to Broadwell Ave Safety Improvement
M-310 (586)	Broadwell Ave - Capital to Airport Rd
M-310 (587)	Webb Rd - UPRR to south of Stolley Park Rd
M-310 (599)	Sky Park Improvements - Airport Rd to Abbott Rd
M-310 (604)	Highway 281 Safety Enhancement Improvement Project
M-310 (606)	Webb Rd & State St Intersection (Geometrics)
M-310 (607)	Diers Ave & State Street / US Hwy 281 - Design (Geometrics)
M-310 (608)	Locust St & Anna St (Geometrics)
M-310 (610)	Sycamore St Underpass - Complete Rebuild/Rehab (drainage/pavement) - Phase I
M-310 (618)	Eddy Street Underpass Complete Rebuild/Rehab (drainage/pavement) - Phase I
M-310 (535A)	Barr Middle School Traffic Circulation Improvements (Design)

Board of Public Roads Classifications and Standards

Form 7 One- and Six-Year Plan
Highway or Street Improvement Project

County:	City:	Village:
	Grand Island	

Location Description:
Capital Avenue from Webb Road to Broadwell Avenue

Existing Surface Type and Structures: *(Such as dirt, gravel, asphalt, concrete, culvert, or bridge)*
Asphalt

Average Daily Traffic:	Classification Type: *(As shown on Functional Classification Map)*
2011 = 8,749, **2031** = 11,000	Urban Minor Arterial

PROPOSED IMPROVEMENT

Design Standard Number:		Thickness:	Width:
Municipal	**Surfacing**	8"	62'

☒ Grading	☒ Concrete	☒ Right of Way	☒ Lighting
☐ Aggregate	☒ Curb & Gutter	☒ Utility Adjustments	☐ .....
☐ Armor Coat	☒ Drainage Structures	☐ Fencing	☐ .....
☐ Asphalt	☒ Erosion Control	☒ Sidewalks	☐ .....

Bridge to Remain in Place	Roadway Width:		Length:	Type:
New Bridge	Roadway Width:		Length:	Type:
Box Culvert	Span: Double 12'	Rise: 4'	Length: 50'	Type: Concrete
Culvert	Diameter: 48"		Length: 175'	Type: Concrete

Bridges and Culverts Sized ☒ Yes ☐ N/A ☐ Hydraulic Analysis Pending

Other Construction Features:
Widen roadway to from 2 lanes to 5 lanes with curb & gutter.

Federal Aid Project No. URB-5436(5)

ESTIMATED COST *(in Thousands)* ★ OPTIONAL	★ COUNTY	★ CITY	★ STATE	★ FEDERAL	★ OTHER	TOTAL
		1,630		6,521		8,151

Project Length: *(Nearest Tenth, State Unit of Measure)*	Project No.:
1.2 Mile	M-310(89)

Signature:	Title:	Date:
	Street Superintendent	

NBCS Form 7, Feb 07

Board of Public Roads Classifications and Standards

Form 7 One- and Six-Year Plan
Highway or Street Improvement Project

County:	City:	Village:
	Grand Island	

Location Description:
Blaine Street N of Hwy 34 at Wood River crossing

Existing Surface Type and Structures: *(Such as dirt, gravel, asphalt, concrete, culvert, or bridge)*
2 (two) Bridges - See bridge inventory data attached for existing attributes
U104513905 - South Structure
U104513910 - North Structure

Average Daily Traffic:	Classification Type: *(As shown on Functional Classification Map)*
2011 = 2815, **2031** = 6,000	Collector

PROPOSED IMPROVEMENT

Design Standard Number:	**Surfacing**	Thickness:	Width:
Municipal (HL93)		varies	18' or 25'

☒ Grading	☒ Concrete	☐ Right of Way	☐ Lighting
☐ Aggregate	☐ Curb & Gutter	☐ Utility Adjustments	☐ .....
☐ Armor Coat	☒ Drainage Structures	☐ Fencing	☐ .....
☒ Asphalt	☒ Erosion Control	☐ Sidewalks	☐ .....

Bridge to Remain in Place	Roadway Width:	Length:		Type:
New Bridge	Roadway Width:	Length:		Type:
Box Culvert	Span: 12'	Rise: 6'	Length: 48'	Type: Concrete
Culvert	Diameter: 42"	Length: 48'		Type: Arch RCP

Bridges and Culverts Sized ☒ Yes ☐ N/A ☐ Hydraulic Analysis Pending

Other Construction Features:
Bridge U104513910 to be replaced by two box culverts of the same size.

Bridge U104513905 to be replaced by two Arch RCP culvert pipes.

Hydraulic Analysis was conducted in 2002 and will be double checked before final design is approved.

ESTIMATED COST *(in Thousands)* ★ OPTIONAL	★ COUNTY	★ CITY	★ STATE	★ FEDERAL	★ OTHER	TOTAL
		200				200

Project Length: *(Nearest Tenth, State Unit of Measure)*	Project No.:
220 Feet	M-310(267)

Signature:	Title:	Date:
	Street Superintendent	

NBCS Form 7, Feb 07

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BIRX010              BRIDGE INVENTORY AND RATING SYSTEM              03/25/11
                  STRUCTURE INVENTORY DATA    QUERY    - FIELD USE   15:59:31

  8-STRUCTURE NUMBER U104513910  00          FUNCTION: Q Q=QUERY
  5-INVENTORY ROUTE 151054050
202-COUNTY BRIDGE NUMBER

  3-COUNTY CODE.............     40   44-STRUCTURE TYPE APPROACH SPANS  000
  4-URBAN/MUNICIPAL CODE.....   1045   45-NO. OF SPANS MAIN UNIT....     003
 19-DETOUR LENGTH (MILES).....    01   46-NO. OF SPANS APPROACH UNIT     000
 20-TOLL CODE................      3   47-INV ROUTE TOTAL HORIZ. CLEAR  25.6
 21-MAINTENANCE RESPONSIBILITY    04   48-LENGTH OF MAXIMUM SPAN....    0048
 22-OWNER....................     04   49-STRUCTURE LENGTH.........  000089
 27-YEAR BUILT...............   1970   50-CURB OR SIDEWALK WIDTH LEFT   00.0
 29-AVERAGE DAILY TRAFFIC..... 002815                          RIGHT 00.0
 30-YEAR AVERAGE DAILY TRAFFIC  2008  102-DIRECTION OF TRAFFIC.....       2
 37-HISTORICAL SIGNIFICANCE...     5  107-DECK STRUCTURE TYPE.....        9
106-YEAR RECONSTRUCTED........  0000  108-WEARING SURFACE/PROTECTIVE SYSTEM
109-PERCENTAGE TRUCKS.........    00          A. TYPE WEARING SURFACE     1
201-PROJ NO                                  B. TYPE OF MEMBRANE...      0
                                             C. TYPE OF DECK PROTECTION  0
                                 203-POSTED WEIGHT LIMIT (TONS)  210000

                                  10-INV ROUTE MIN VERT. CLEAR.FEET  99
                                                              INCHES 99
  6-FEATURES INTERSECTED.....     51-BRG ROADWAY WIDTH(CURB-CURB) 025.6
        A  N CH PLATTE RIVER     212-BRIDGE RAIL...................
        B                         52-DECK WIDTH (OUT TO OUT)..... 026.0
  7-FACILITY CARRIED BY STRUCTURE 53-MIN VERT. CL. OVER BRIDGE ROADWAY
                  BLAINE ST/FAU 5405                            FEET 99
                                                              INCHES 99
  9-LOCAT.  GRAND ISLAND BLAIN @ US34  54-MIN VERT. UNDERCLEARANCE    REF  N
                                                                FEET 00
 28-LANES ON/UNDER STRUCTURE..   0200                        INCHES 00
 32-APPR. ROADWAY WIDTH.......    030  55-MIN. LATERAL UNDERCLEARANCE RIGHT
 33-BRIDGE MEDIAN.............     0                           REF    N
 34-SKEW......................    00                          FEET 00.0
 35-STRUCTURE FLARED..........     0  56-MIN. LATERAL UNDERCLEARANCE LEFT
 42-TYPE OF SERVICE...........    15                          FEET 00.0
 43-STRUCTURE TYPE MAIN.......   302

PF3=MAIN MENU  PF07=BKWD  PF10=OFFICE INV                PRT ADDR: 2286
PF6=PRNT SCRN  PF08=FWRD                                 REQD. BY: WAHLGREN
QUERY COMPLETE
```

NORTH STRUCTURE

```
BIRX020              BRIDGE INVENTORY AND RATING SYSTEM              03/25/11
                          BRIDGE INSPECTION QUERY                    15:59:42
                                                  8-STRUCTURE NO U104513910
                              2B-DISTRICT   4     8A-STRUCTURE SEQUENCE NO 00
                               3-COUNTY     40      -INSPECTOR  TC1513
                             43AB-BRIDGE TYPE 302  90-DATE         11-10-2008
                              343-SNOOPER N        91-INSPECTION FREQ 24
 36-TRAFFIC SAFETY.....  1NNN    301-PCT OF DEFECTIVE DECK.....  05
 41-OPEN       CLOSED..... P     303-BRIDGE JOINTS.............  N
 58-DECK.....              3     306-ASPHALT/GRAVEL ON DECK.....  00
 59-SUPERSTRUCTURE.....    4     306a-A=ASPHLT G=GRVL O=OTHR OR BLNK
 60-SUBSTRUCTURE.....      4     311-BEARING DEVICE AND ANCHOR.....  N
 61-CHANNEL PROTECTION.....  6   316-CONDITION OF ABUTMENTS.....  5
 71-WATERWAY ADEQUACY.....   6   317-CONDITION OF PIERS.....
 72-APPROACH ALIGNMENT.....  4   320-CONDITION OF PILING.....  5
113-SCOUR CRITICAL BRIDGE.....  8  321-TYPE OF PILING.....  S
345-BRIDGE CROSSING CANAL.....  N  322-MSE EARTHWALL.....  N
                                   342-TOTAL NUMBER OF PINS.....  00

      *PROPOSED IMPROVEMENTS*
75A-TYPE OF WORK PROPOSED.....  34
75B-WORK DONE BY.....  1
 76-LEN OF STRUCT. IMPROVEMENT....  000089
 94-BRIDGE IMPROVEMENT COST.....  000244
 95-ROADWAY IMPROVEMENT COST.....  000024
 96-TOTAL IMPROVEMENT COST.....  000366
 97-YEAR OF IMPROVEMENT COST EST..  2009
PF3=MAIN MENU   PF07=BKWD  PF10=SPECIAL INSPECT          PRT ADDR: 2286
PF6=PRNT SCRN   PF08=FWRD  PF11=COMMENT                  REQD. BY: WAHLGREN
QUERY COMPLETE
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Probably 50% DEFECTIVE!

- CONC PATCH ASPH LOCATIONS — CONC PATCH
- THEN OVERLAY ← LOAD RATING — ASPH OVERLAY
- THEN PROGRAMS IN 6 YEARS — 10 years

15-3076 CHIP HANNERS

BIRX050 BRIDGE INVENTORY AND RATING SYSTEM 03/25/11
COMMENTS QUERY 16:00:23

STRUCTURE NUMBER: U104513910 00
INSPECTION DATE: 11-10-2008 (MMDDYY)

FUNCTION: Q (Q=QUERY)

INSPECTOR NAME: TC1513
The steel on this bridge was repainted in 1981. Today the paint shows abou
t 50% loss, but steel section loss is not apparent. The concrete deck on t
his bridge has reached the serious condition. The leave in place corragate
d sheet metal deck forms are rusting away and falling off due to the amoun
t of moisture comming through the deck. There is a large amount of patchin
g that has been completed on the deck. Some of the patching is full depth
concrete with some being only partial depth asphalt. At the time of inspec
tion there is a small hole thru the depth of the deck at the North end in
the South bound lane. This bridge is on the list for replacement, but not
within the next year. It is recommend that full depth patching be done as
soon as possible.

PAGE 1
PF3=MAIN MENU PF07=BKWD PF5 =CLEAR SCRN PF10=INSPECTION PRT ADDR: 2286
PF6=PRNT SCRN PF08=FWRD PF11=SPL INSPECT REQD. BY: WAHLGREN
QUERY COMPLETE, PRESS (PF5) TO RESET THE SCREEN

```
 BIRX050              BRIDGE INVENTORY AND RATING SYSTEM              03/25/11
                             COMMENTS QUERY                          16:00:35

STRUCTURE NUMBER: U104513910  00
 INSPECTION DATE: 12-06-1988 (MMDDYY)


           FUNCTION: Q (Q=QUERY)


    INSPECTOR NAME: TOM CARLSON
 APPR ALGN DEF HORIZONTAL CURVE AT NORTH END OF BRIDGE









 PAGE 1
PF3=MAIN MENU  PF07=BKWD  PF5 =CLEAR SCRN  PF10=INSPECTION   PRT ADDR: 2286
PF6=PRNT SCRN  PF08=FWRD                   PF11=SPL INSPECT  REQD. BY: WAHLGREN
BACKWARD QUERY COMPLETE
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 BIRX023              BRIDGE INVENTORY AND RATING SYSTEM              03/25/11
                     BRIDGE LOAD RATING ITEMS QUERY                   16:01:02
 8-STRUCTURE NUMBER: U104513910  00
    31-DESIGN LOAD.............. 0        63-OPERATING RATING METHOD..... 1
   380-% OF STRESS REDUCTION.... 00       64-OPERATING GROSS TONS........ 49
   381-RATING PROGRAM USED...... 15       65-INVENTORY RATING METHOD..... 1
  386A-TYPE 3 POSTING RATING.... 28       66-INVENTORY GROSS LOAD........ 29
  386B-TYPE 3S2 POSTING RATING.. 45       41-OPEN/POSTED/CLOSED.......... P
  386C-TYPE 3-3 POSTING RATING.. 59     203A-POSTED WEIGHT LIMIT TYPE 3... 21
    70-BRIDGE POSTING........... 5      203B-POSTED WEIGHT LIMIT TYPE 3S2. 00
LOAD RATING DATE.......... 02-23-2009  203C-POSTED WEIGHT LIMIT TYPE 3-3. 00
RATER NAME.. ENCHAYAN, R.              HS RATING(Operating)............... 27
PF3=MAIN  PF07=BKW                                  PRT ADDR: 2286
PF6=PRNT  PF08=FWRD                                 REQD. BY: WAHLGREN
 QUERY COMPLETE
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 BIRX028              BRIDGE INVENTORY AND RATING SYSTEM              03/25/11
                     BRIDGE SUFFICIENCY RATING TEST QUERY             16:02:27

INFORMATION ITEMS:
     STRUCTURE NO.        U104513910     SEQUENCE NO. 00
     SUFFICIENCY RATING    041.2         STATUS       STRUCTURALLY-DEFICIENT
     ITEM 67  4          (RELATED ITEMS 29,59,60,66)
     ITEM 68  2          (RELATED ITEMS 26,28,29,51,53)
     ITEM 69  N          (RELATED ITEMS 26,54,55,56)



TEMPORARY UPDATE ITEMS:


     (19)  BYPASS, DETOUR LENGTH          01
     (26)  FUNCTIONAL CLASSIFICATION      17
     (280) LANES ON                       02
     (29)  AVERAGE DAILY TRAFFIC          002815
     (32)  APPROACH ROADWAY WIDTH         30
     (36)  TRAFFIC SAFETY FEATURES        1NNN
     (43)  STRUCTURE TYPE - MAIN          302
     (51)  ROADWAY WIDTH                  0256
     (53)  MIN. VERT. CLEARANCE           99       FT 99   IN
     (54)  MIN. VERT. UNDERCLEARANCE      N        RF 00   FT 00 IN
     (55)  MIN. LAT. UNDERCL. - RIGHT     N        RF 000  FT
     (56)  MIN. LAT. UNDERCL. - LEFT      000      FT
     (58)  DECK                           3
     (59)  SUPERSTRUCTURE                 4
     (60)  SUBSTRUCTURE                   4
     (62)  CULVERTS                       N
     (66)  INVENTORY RATING               229
     (71)  WATERWAY ADEQUACY              6
     (72)  APPROACH ROADWAY ALIGNMENT     4
     (100) DEFENSE HWY. DESIGNATION       0


PF3=MAIN MENU  PF07=BKWD                              PRT ADDR: 2286
PF6=PRNT SCRN  PF08=FWRD                              REQD. BY: WAHLGREN
PRESS ENTER KEY TO TEST RECORD
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BIRX010              BRIDGE INVENTORY AND RATING SYSTEM              03/25/11
                  STRUCTURE INVENTORY DATA    QUERY    - FIELD USE   16:04:22

  8-STRUCTURE NUMBER U104513905  00          FUNCTION: Q Q=QUERY
  5-INVENTORY ROUTE 151054050
202-COUNTY BRIDGE NUMBER

  3-COUNTY CODE.............      40   44-STRUCTURE TYPE APPROACH SPANS  000
  4-URBAN/MUNICIPAL CODE.....    1045   45-NO. OF SPANS MAIN UNIT....     001
 19-DETOUR LENGTH (MILES).....     01   46-NO. OF SPANS APPROACH UNIT     000
 20-TOLL CODE................      3   47-INV ROUTE TOTAL HORIZ. CLEAR  18.0
 21-MAINTENANCE RESPONSIBILITY     04   48-LENGTH OF MAXIMUM SPAN....     0049
 22-OWNER....................      04   49-STRUCTURE LENGTH.........  000050
 27-YEAR BUILT...............    1935   50-CURB OR SIDEWALK WIDTH LEFT   00.0
 29-AVERAGE DAILY TRAFFIC..... 002815                          RIGHT 00.0
 30-YEAR AVERAGE DAILY TRAFFIC   2008  102-DIRECTION OF TRAFFIC.....       2
 37-HISTORICAL SIGNIFICANCE...      5  107-DECK STRUCTURE TYPE.....        1
106-YEAR RECONSTRUCTED........   0000  108-WEARING SURFACE/PROTECTIVE SYSTEM
109-PERCENTAGE TRUCKS.........     00          A. TYPE WEARING SURFACE     6
201-PROJ NO                            B. TYPE OF MEMBRANE...      0
                                       C. TYPE OF DECK PROTECTION  0
                                   203-POSTED WEIGHT LIMIT (TONS)  223644

                                    10-INV ROUTE MIN VERT. CLEAR.FEET  99
  6-FEATURES INTERSECTED.....                                  INCHES 99
        A  STREAM                   51-BRG ROADWAY WIDTH(CURB-CURB) 018.0
        B                          212-BRIDGE RAIL.....................
  7-FACILITY CARRIED BY STRUCTURE   52-DECK WIDTH (OUT TO OUT)..... 019.2
                BLAINE ST/FAU 5405  53-MIN VERT. CL. OVER BRIDGE ROADWAY
                                                               FEET 99
  9-LOCAT.  GRAND ISLAND BLAIN @ US34                        INCHES 99
                                    54-MIN VERT. UNDERCLEARANCE    REF  N
 28-LANES ON/UNDER STRUCTURE..     0200                        FEET 00
 32-APPR. ROADWAY WIDTH.......      030                       INCHES 00
 33-BRIDGE MEDIAN.............        0  55-MIN. LATERAL UNDERCLEARANCE RIGHT
 34-SKEW......................       00                        REF    N
 35-STRUCTURE FLARED..........        0                       FEET 00.0
 42-TYPE OF SERVICE...........       15  56-MIN. LATERAL UNDERCLEARANCE LEFT
 43-STRUCTURE TYPE MAIN.......      303                       FEET 00.0

PF3=MAIN MENU  PF07=BKWD  PF10=OFFICE INV                PRT ADDR: 2286
PF6=PRNT SCRN  PF08=FWRD                                 REQD. BY: WAHLGREN
QUERY COMPLETE
```

SOUTH STRUCTURE

3/28/11 NOTES W/ WES WAHLGREN
- WES SUGGEST 3 48" CULVERT
- COUNTY COULD TAKE THE BRIDGE AND KEEP GIRDERS
- SE CORNER - ROUTED RIP RAP BRACKETS → TRENCH & REINF. CONC. FLOOR REMOVE AT MAIN GIRDER, LET IT BE ALONG ABUTMENT

```
BIRX020              BRIDGE INVENTORY AND RATING SYSTEM              03/25/11
                          BRIDGE INSPECTION QUERY                    16:04:48
                                                    8-STRUCTURE NO U104513905
                            2B-DISTRICT   4       8A-STRUCTURE SEQUENCE NO 00
                             3-COUNTY      40       -INSPECTOR  BL2811
                           43AB-BRIDGE TYPE 303    90-DATE         01-22-2010
                            343-SNOOPER N          91-INSPECTION FREQ 24
 36-TRAFFIC SAFETY.....  1NNN    301-PCT OF DEFECTIVE DECK.....  00
 41-OPEN       CLOSED..  B       303-BRIDGE JOINTS.............  N
 58-DECK.....   5       306-ASPHALT/GRAVEL ON DECK.....  03
 59-SUPERSTRUCTURE.....   4     306a-A=ASPHLT G=GRVL O=OTHR OR BLNK  _
 60-SUBSTRUCTURE.....   5       311-BEARING DEVICE AND ANCHOR.....  4
 61-CHANNEL PROTECTION.....   6 316-CONDITION OF ABUTMENTS.....  5
 71-WATERWAY ADEQUACY.....   6  317-CONDITION OF PIERS.....
 72-APPROACH ALIGNMENT.....   6 320-CONDITION OF PILING.....  N
113-SCOUR CRITICAL BRIDGE.....   5 321-TYPE OF PILING.....  N
345-BRIDGE CROSSING CANAL.....   N 322-MSE EARTHWALL.....  N
                                   342-TOTAL NUMBER OF PINS.....  00

      *PROPOSED IMPROVEMENTS*
75A-TYPE OF WORK PROPOSED.....  34
75B-WORK DONE BY.....  1
 76-LEN OF STRUCT. IMPROVEMENT....  000050
 94-BRIDGE IMPROVEMENT COST.....  000137
 95-ROADWAY IMPROVEMENT COST.....  000013
 96-TOTAL IMPROVEMENT COST.....  000205
 97-YEAR OF IMPROVEMENT COST EST..  2011
PF3=MAIN MENU   PF07=BKWD  PF10=SPECIAL INSPECT          PRT ADDR: 2286
PF6=PRNT SCRN   PF08=FWRD  PF11=COMMENT                  REQD. BY: WAHLGREN
QUERY COMPLETE
```

BIRX050 BRIDGE INVENTORY AND RATING SYSTEM 03/25/11
COMMENTS QUERY 16:09:02

STRUCTURE NUMBER: U104513905 00
INSPECTION DATE: 01-22-2010 (MMDDYY)

FUNCTION: Q (Q=QUERY)

INSPECTOR NAME: BL2811
The paint on this bridge is about 80% intact. Areas of major rust through out girders and floor beams Top flange and areas of bottom flange of all floor beams are rusted. FB1-FB3 have rusted through the web.
Both girders have major rust at the support. Major rust in bottom flange of G2. Concrete deck is deteriorated and chunks broken off outer approximate 6 , each side. Deck through driving lanes in good shape. Abutments at supports/wings have some cracks. Posting signs have been updated 11T, 19T, 19T. Collision damage to NE 8 of railing.

PAGE 1
PF3=MAIN MENU PF07=BKWD PF5 =CLEAR SCRN PF10=INSPECTION PRT ADDR: 2286
PF6=PRNT SCRN PF08=FWRD PF11=SPL INSPECT REQD. BY: WAHLGREN
SCREEN IMAGE WAS ROUTED TO THE PRINTER SPECIFIED

```
BIRX050                BRIDGE INVENTORY AND RATING SYSTEM                03/25/11
                              COMMENTS QUERY                             16:05:59

STRUCTURE NUMBER: U104513905  00
 INSPECTION DATE: 07-10-2007 (MMDDYY)

           FUNCTION: Q (Q=QUERY)


     INSPECTOR NAME: MS1245
 90% PAINT REMAINING. LEFT GIRDER HAS RUST ON TOP FLANGE 5' FROM ABUTMENT N
 O. 2. SOME FLOORBEAMS HAVE RUST ON TOP AND BOTTOM FLANGES AT VARIOUS LOCAT
 IONS.  PACK RUST BETWEEN DOUBLE ANGLE STIFFENERS AT MID-SPAN. GIRDER TO FL
 OORBEAM CONNECTIONS ARE RUSTED. SOME NEAR ABUTMENT ENDS ARE  BADLY RUSTED.
  WEB OF FB1-FB3 AT RIGHT GIRDER ARE RUSTED THROUGH. INSIDE OF BOTTOM FLANG
 E IS BADLY RUSTED. SECTION LOSS VARIES FROM 10%-50%.  OUTSIDE HALF OF BOTT
 OM FLANGE IS OK. RUST AT BEARING LOCATIONS. SECTION LOSS TO WEB AT ABUTMEN
 T NO. 2 END IS UP  TO 1/4". PACK RUSTBETWEEN TIFFENER AND GIRDER WEB AT AL
 L STIFFENER LOCATIONS. PACK RUST AT GIRDER TO FLOORBEAM CONNECTIONS. PACK
 RUST IS 0"-1/8" THICK.   SOME LOCATIONS HAVE 1/8" SECTION LOSS TO GIRDER W
 EB. KEEP GIRDERS CLEAN] BRIDGE NOT PROPERLY POSTED.




  PAGE 1
PF3=MAIN MENU  PF07=BKWD  PF5 =CLEAR SCRN  PF10=INSPECTION   PRT ADDR: 2286
PF6=PRNT SCRN  PF08=FWRD                   PF11=SPL INSPECT  REQD. BY: WAHLGREN
BACKWARD QUERY COMPLETE
```

```
 BIRX050              BRIDGE INVENTORY AND RATING SYSTEM              03/25/11
                             COMMENTS QUERY                          16:06:04

STRUCTURE NUMBER: U104513905  00
 INSPECTION DATE: 12-05-1990 (MMDDYY)

           FUNCTION: Q (Q=QUERY)


     INSPECTOR NAME: TOM CARLSON
 AL DEF = 14' 0"




 PAGE 1
PF3=MAIN MENU  PF07=BKWD  PF5 =CLEAR SCRN  PF10=INSPECTION   PRT ADDR: 2286
PF6=PRNT SCRN  PF08=FWRD                   PF11=SPL INSPECT  REQD. BY: WAHLGREN
BACKWARD QUERY COMPLETE
```

```
 BIRX023              BRIDGE INVENTORY AND RATING SYSTEM              03/25/11
                     BRIDGE LOAD RATING ITEMS QUERY                  16:06:32
 8-STRUCTURE NUMBER: U104513905  00
    31-DESIGN LOAD.............. 0       63-OPERATING RATING METHOD..... 1
   380-% OF STRESS REDUCTION.... 00      64-OPERATING GROSS TONS........ 09
   381-RATING PROGRAM USED...... 15      65-INVENTORY RATING METHOD..... 1
  386A-TYPE 3 POSTING RATING.... 11      66-INVENTORY GROSS LOAD........ 05
  386B-TYPE 3S2 POSTING RATING.. 19      41-OPEN/POSTED/CLOSED.......... B
  386C-TYPE 3-3 POSTING RATING.. 19    203A-POSTED WEIGHT LIMIT TYPE 3... 22
    70-BRIDGE POSTING.......... 0     203B-POSTED WEIGHT LIMIT TYPE 3S2. 36
LOAD RATING DATE.......... 09-01-2008 203C-POSTED WEIGHT LIMIT TYPE 3-3. 44
RATER NAME.. 10909                   HS RATING(Operating)............. 05
PF3=MAIN  PF07=BKW                                   PRT ADDR: 2286
PF6=PRNT  PF08=FWRD                                  REQD. BY: WAHLGREN
 QUERY COMPLETE
```

```
 BIRX028              BRIDGE INVENTORY AND RATING SYSTEM              03/25/11
                     BRIDGE SUFFICIENCY RATING TEST QUERY            16:04:05

INFORMATION ITEMS:
     STRUCTURE NO.        U104513905     SEQUENCE NO. 00
     SUFFICIENCY RATING    018.0         STATUS       STRUCTURALLY-DEFICIENT
     ITEM 67  3          (RELATED ITEMS 29,59,60,66)
     ITEM 68  2          (RELATED ITEMS 26,28,29,51,53)
     ITEM 69  N          (RELATED ITEMS 26,54,55,56)



TEMPORARY UPDATE ITEMS:

     (19)  BYPASS, DETOUR LENGTH          01
     (26)  FUNCTIONAL CLASSIFICATION      17
     (280) LANES ON                       02
     (29)  AVERAGE DAILY TRAFFIC          002815
     (32)  APPROACH ROADWAY WIDTH         30
     (36)  TRAFFIC SAFETY FEATURES        1NNN
     (43)  STRUCTURE TYPE - MAIN          303
     (51)  ROADWAY WIDTH                  0180
     (53)  MIN. VERT. CLEARANCE           99       FT 99   IN
     (54)  MIN. VERT. UNDERCLEARANCE      N        RF 00   FT 00 IN
     (55)  MIN. LAT. UNDERCL. - RIGHT     N        RF 000  FT
     (56)  MIN. LAT. UNDERCL. - LEFT      000      FT
     (58)  DECK                           5
     (59)  SUPERSTRUCTURE                 4
     (60)  SUBSTRUCTURE                   5
     (62)  CULVERTS                       N
     (66)  INVENTORY RATING               205
     (71)  WATERWAY ADEQUACY              6
     (72)  APPROACH ROADWAY ALIGNMENT     6
     (100) DEFENSE HWY. DESIGNATION       0


PF3=MAIN MENU  PF07=BKWD                                  PRT ADDR: 2286
PF6=PRNT SCRN  PF08=FWRD                                  REQD. BY: WAHLGREN
PRESS ENTER KEY TO TEST RECORD
```

Board of Public Roads Classifications and Standards

Form 7 One- and Six-Year Plan
Highway or Street Improvement Project

County:	City: Grand Island	Village:

Location Description:
Faidley Avenue from North Road to East end of Faidley Ave.

Existing Surface Type and Structures: *(Such as dirt, gravel, asphalt, concrete, culvert, or bridge)*
None (new construction)

Average Daily Traffic:	Classification Type: *(As shown on Functional Classification Map)*
2011 = 0, **2031** = 2,000	Collector

PROPOSED IMPROVEMENT

Design Standard Number:	**Surfacing**	Thickness:	Width:
Local			

☒ Grading	☒ Concrete	☐ Right of Way	☒ Lighting
☐ Aggregate	☒ Curb & Gutter	☒ Utility Adjustments	☐ .....
☐ Armor Coat	☒ Drainage Structures	☐ Fencing	☐ .....
☐ Asphalt	☒ Erosion Control	☒ Sidewalks	☐ .....

Bridge to Remain in Place	Roadway Width:		Length:	Type:
New Bridge	Roadway Width:		Length:	Type:
Box Culvert	Span:	Rise:	Length:	Type:
Culvert	Diameter:		Length:	Type:

Bridges and Culverts Sized ☐ Yes ☐ N/A ☐ Hydraulic Analysis Pending

Other Construction Features:
New construction - Design has not been completed. Form 7 will be updated as the design is finalized. Noted on 2004 Comprehensive Transportation Plan.

ESTIMATED COST *(in Thousands)* ★ **OPTIONAL**	★ **COUNTY**	★ **CITY**	★ **STATE**	★ **FEDERAL**	★ **OTHER**	**TOTAL**
		800				800

Project Length: *(Nearest Tenth, State Unit of Measure)*	Project No.:
0.4 Mile	M-310(353)

Signature:	Title:	Date:
	Street Superintendent	

NBCS Form 7, Feb 07

6.2 East / West Traffic Flow Improvements

Widen US Highway 30 on 2nd Street between Grant and Greenwich Streets: As shown in the appendix, this proposal would involve widening US Highway 30 in order to provide a center left turn lane through a heavily commercialized area, west of the downtown district. Typically, a facility of this type would have a capacity of about 16,700 vpd. However, it carries upwards of 20,000 vpd between Grant and Greenwich Streets, which shows that the functional usefulness of this roadway is being taxed. It is forecasted to carry about 22,000 vpd in 2020 with V/C ratios of about 1.2. Thus a 4 lane cross section would be inadequate to serve future traffic. Adding a center left turn lane in this location would increase the capacity of the facility by approximately 30%. The center left turn lane would increase the safety in the corridor by removing turning movements from the through traffic flow. Moreover, the existing level of access to businesses and residences adjacent to the highway would be maintained but the access points may need some relocation. Because of the operational improvements, widening of US Highway 30 would be expected to attract an additional 2000 vpd. The widening of this roadway would have adjacent land use impacts. The minimum travel way for a 5-lane section would be approximately 64 feet. The typical existing cross section is about 44 to 50 feet. Construction of an additional roadway width would require removal of a number of adjacent trees and the relocation of existing sidewalks. The 1990 Comprehensive Plan also recommended this project in light of the capacity deficiency identified on this roadway.

Restripe Stolley Park Road between Webb Road and Locust Street: As shown in the appendix, this proposal would involve striping Stolley Park Road between Webb Road and Locust Street from 2 lanes to 3. Stolley Park Road between Webb Road and Locust Street has a typical capacity between 8,400 and 10,900 vpd and carries about 10,000 vpd. Widening this roadway would help alleviate some of the congestion associated with this roadway in the present and in the future. It is forecasted to carry about 12,000-13,000 vpd between Webb Road and Locust Street in 2020 in the absence of any improvements. This results in a V/C ratio between 1.0 and 1.4. Widening Stolley Park Road from 2 to 3 lanes (to provide a capacity approximately 12,500 vpd) from Webb Road to Locust Street would draw an additional 1500-3000 vpd on Stolley Park Road, on the average, and a reduction in V/C ratios to between 1.0 and 1.2. This project was also recommended in the 1990 Comprehensive Plan to alleviate the capacity deficiencies identified on this roadway.

Extend Faidley to North Road: This project involves the extension of Faidley to North Road. This roadway would serve as an east/west collector and would likely carry 2,000 vpd in 2020. This project was not incorporated in the 1990 Comprehensive Plan.

Widen Husker Highway between Route 30 and Stuhr Road: This project involves the widening of Husker Highway from 2 to 4 lanes between US Highway 30 and Stuhr Road. Husker Highway currently has a capacity on the order of 9,000-13,700 vpd. Husker Highway currently carries the following traffic volumes:

- 1,500 vpd west of Grand Island between US Highway 30 and US Highway 281
- 5,000 vpd south of Grand Island between US Highway 281 and Locust Street
- 4,000 vpd east of Grand Island between Locust Street and Stuhr Road

Board of Public Roads Classifications and Standards

Form 7 One- & Six- Year Plan
Highway or Street Improvement Project

County:	City: GRAND ISLAND	Village:

Location Description:
US Hwy 34 from US Hwy 281 to South Locust St

Project Description:
Nebraska Department of Roads Project No. STP-34-4 (126).
Concrete repair, add turn lanes at Blaine Street, and bridge repair.

Existing Surface Type and Structures: *(Such as dirt, gravel, asphalt, concrete, culvert, or bridge)*
Concrete

Average Daily Traffic:				Classification Type: *(As shown on Functional Classification Map)*
2012		**2032**		Major Arterial

PROPOSED IMPROVEMENT

Design Standard Number: Municipal			**Surfacing**			Thickness:	Width:
X	Grading	X	Concrete	X	Right of Way	X	Lighting
	Aggregate		Curb & Gutter		Utility Adjustments		
	Armor Coat	X	Drainage Structures		Fencing		
	Asphalt	X	Erosion Control		Sidewalk		

Bridge to Remain in Place:	Roadway Width:		Length:	Type:	
New Bridge:	Roadway Width:		Length:	Type:	
Box Culvert	Span:	Rise:	Length:	Type:	
Culvert	Diameter:		Length:	Type:	
Bridges and Culverts Sized X	YES		N/A		Hydraulic Analysis Pending

Other Construction Features:

ESTIMATED COST *(in Thousands)* *OPTIONAL	*County:	*City:	*State:	*Federal:	*Other:	*Total:
		124	3,882			4,006

Project Length: *(Nearest Tenth, State Unit of Measure)* 2.0	Project No.: M-310(411)	
Signature:	Title: Street Superintendent	Date:

NBCS Form 7, Feb 07

NEBRASKA DEPARTMENT OF ROADS
NOTICE OF HIGHWAY PUBLIC INFORMATION MEETING

Thursday, January 5, 2011; 4:00 – 6:00 PM

Information Open House Public Meeting

Central Community College, 3134 W. US Highway 34, Grand island, NE

STPD-34-4(126), *US-281 to Locust St., Grand Island*; CN 41994

The Nebraska Department of Roads (NDOR) will hold a public information open house regarding the refurbishment of U. S. Highway 34 (US-34) from the intersection of U. S. Highway 281 (US-281) to South Locust Street, in Grand Island. The meeting will be held at Central Community College in Grand Island, Thursday, January 5, 2012, 4:00-6:00 P.M.

Identified as **STPD-34-4 (126), *US-281 to Locust St., Grand Island*, C.N. 41994**, the proposed project would be constructed entirely within Hall County, Nebraska, mostly within the city limits of Grand Island. This proposed project would resurface the existing two-lane asphalt roadway and shoulders, including refurbishment of two bridge structures.

The project consists of concrete repair as needed, plus milling and overlaying the existing US-34 roadway and surfaced shoulders with new asphalt.

At the Blaine Street intersection, US-34 would be widened to add left-turn lanes. A short raised island on the north leg of Blaine Street would be added to better direct southbound traffic as it approaches the intersection. New roadway lighting will be provided at the intersection.

Just east of Wortman Drive, the Union Pacific Railroad crossing approaches would be improved.

The Wood River Bridge, between Garland and Blaine Streets, would be widened from 30-feet to 44-feet and refurbishments include a new roadway overlay, new approach sections, and new guardrails installed. The Wood River overflow bridge, just west of Blaine St., would be removed and replaced with a concrete box culvert. Two existing culverts east of Blaine would also be extended.

The proposed construction is scheduled to commence in the summer of 2012 and take approximately five months.

The construction will require the project to be built with detouring of US-34 traffic, using Interstate 80 (I-80) and South Locust Street. US-34 in Grand Island will be open to local traffic except during construction of the bridge, box culvert and widening for the left-turn lanes at Blaine Street. It is estimated US-34 would be closed to local traffic between Blaine Street and Catfish Avenue for three weeks and between Garland Street and Blaine Street for three months. The remainder of the project will be constructed "under traffic" with appropriate traffic control. Detour maps and information will be available at the meeting.

Acquisition of a total of 0.16 acres of new right-of-way (ROW) will be required for this project from three tracts located adjacent to US-34 at the Blaine Street intersection; negotiations are in progress. The existing Control of Access along US-34 at the Blaine Street intersection will be perpetuated.

Wetlands have been delineated along portions of this project. There will be minimal impacts resulting from construction activities, however no wetland mitigation will be required.

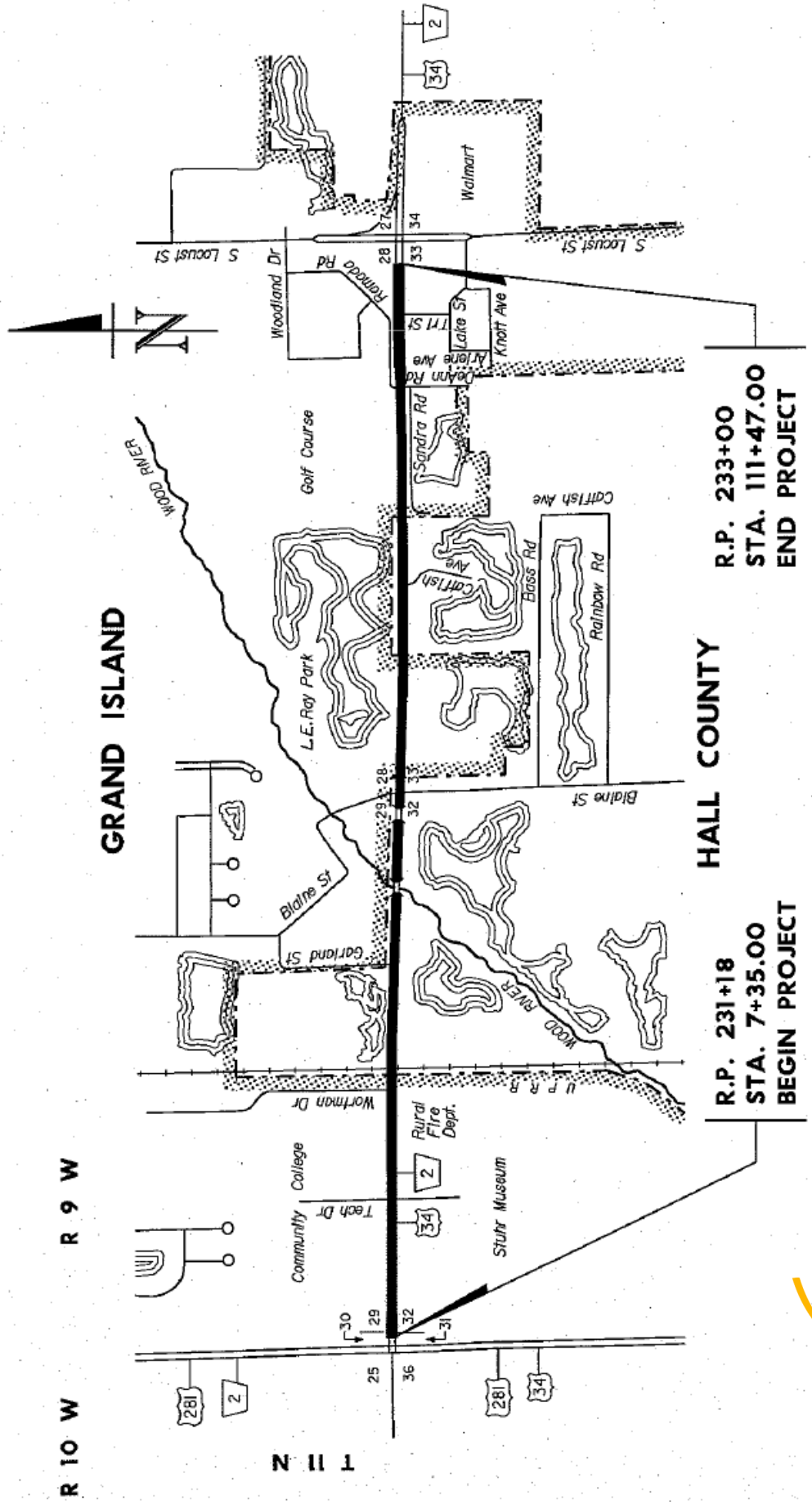
The public meeting is being held to provide information and receive input regarding this project. All citizens are invited to attend and present relevant comments and questions. Design information will be displayed and personnel from NDOR will be present to answer questions and receive comments. The information "open house" format allows the public to come, gather pertinent information about the project, speak one-on-one with project personnel, and leave as they wish. All materials will be presented in both English and Spanish. A translator will be present.

NDOR will make every reasonable accommodation to provide an accessible meeting facility for all persons. Appropriate provisions for the hearing and visually challenged or persons with limited English proficiency (LEP) will be made if the Department is notified by December 22, 2011. Notification should be submitted to: Greg Weinert, Public Hearings Officer, Nebraska Department of Roads, P.O. Box 94759, Lincoln, NE 68509-4759; greg.weinert@nebraska.gov; voice telephone (402) 479-4871, TDD telephone (402) 479-3834, Fax (402) 479-3989.

Information regarding the proposed project will be available after the meeting on the NDOR website at www.transportation.nebraska.gov/projects/ by clicking on the "US-34 GI" link.

For further information, contact Don Turek, NDOR Roadway Design, (402) 479-4441, don.turek@nebraska.gov; or Wes Wahlgren, NDOR District Four Engineer, (308) 385-6265, wes.wahlgren@nebraska.gov.

STPD-34-4(126)
US-281 to Locust St., Grand Island
C.N. 41994



PRELIMINARY PLAN
NOT FINAL – SUBJECT TO CHANGE

NDOR Nebraska Department of Roads

Board of Public Roads Classifications and Standards

Form 7 One- and Six-Year Plan
Highway or Street Improvement Project

County:	City: Grand Island	Village:

Location Description:
Logan St from 2nd St to 1st St; Harrison St from 1st to Division St;
Broadwell Ave from 2nd St to Division St; Monroe St. from Division St to Koenig St
Madison St from 2nd St to Division St; 1st St from Logan St to Harrison St;
& Division St from Harrison St to Madison St

Existing Surface Type and Structures: *(Such as dirt, gravel, asphalt, concrete, culvert, or bridge)*
Concrete and/or concrete with bituminous overlay, storm sewer

Average Daily Traffic:	Classification Type: *(As shown on Functional Classification Map)*
2011 = ..., 2031 = ...	Urban Minor Aterial/Local Roads

PROPOSED IMPROVEMENT

Design Standard Number:	**Surfacing**	Thickness:	Width:
Municipal			

☐ Grading	☐ Concrete	☐ Right of Way	☐ Lighting
☐ Aggregate	☐ Curb & Gutter	☒ Utility Adjustments	☐ .....
☐ Armor Coat	☒ Drainage Structures	☐ Fencing	☐ .....
☐ Asphalt	☐ Erosion Control	☐ Sidewalks	☐ .....

Bridge to Remain in Place	Roadway Width:		Length:	Type:
New Bridge	Roadway Width:		Length:	Type:
Box Culvert	Span:	Rise:	Length:	Type:
Culvert	Diameter:		Length:	Type:

Bridges and Culverts Sized ☐ Yes ☒ N/A ☐ Hydraulic Analysis Pending

Other Construction Features:
Underground storm drainage pipe construction, PCC pavement removal & replacement, landscaping and seeding.

Federal Aid Project

ESTIMATED COST *(in Thousands)* ★ OPTIONAL	★ COUNTY	★ CITY	★ STATE	★ FEDERAL	★ OTHER	TOTAL
		542		953		1,495

Project Length: *(Nearest Tenth, State Unit of Measure)*	Project No.:
0.7 Mile	M-310(508)

Signature:	Title: Street Superintendent	Date:

NBCS Form 7, Feb 07

KIRKHAM MICHAEL JEO Consulting Group, Inc.

PRELIMINARY PLAN
NOT FINAL - SUBJECT TO CHANGE

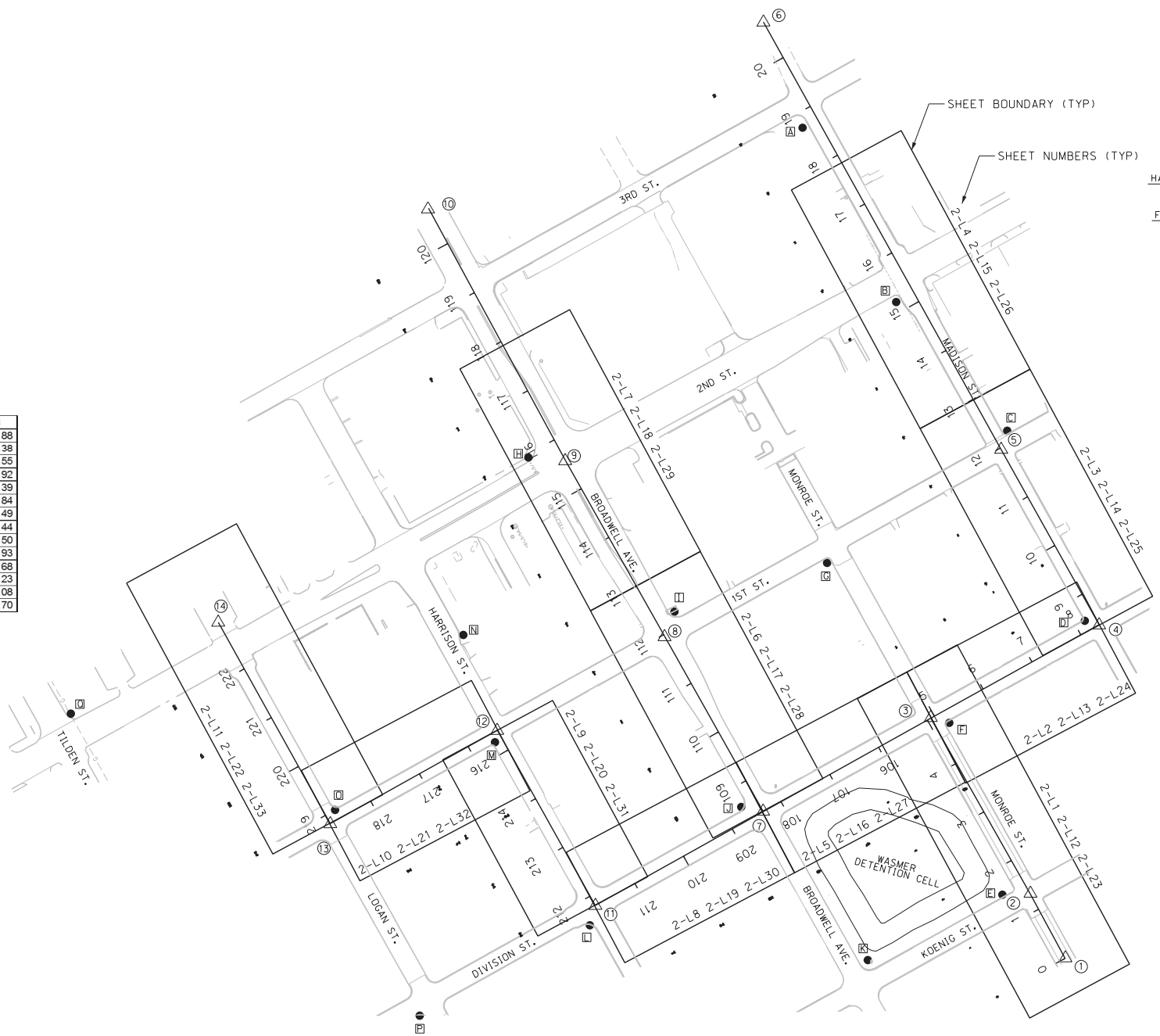
PROJECT NO.	SHEET NO.
URB-30-4(151)	2-H1
C.N. 42477	

D VERTICAL CONTROL

Easting	Elevation	Monument
16,795.906	1866.982	60 D NAIL
16,970.947	1867.420	60 D NAIL
17,170.266	1868.080	PK NAIL
17,309.530	1867.730	PK NAIL
17,161.564	1868.205	60 D NAIL
17,065.262	1868.750	60 D NAIL
16,847.897	1868.640	60 D NAIL
16,312.664	1867.720	60 D NAIL
16,575.072	1869.050	PK NAIL
16,694.116	1869.290	60 D NAIL
16,921.054	1868.830	PK NAIL
16,422.882	1869.610	60 D NAIL
16,253.046	1868.890	PK NAIL
16,196.176	1868.661	60 D NAIL
15,967.384	1868.970	PK NAIL
16,119.022	1870.270	PK NAIL
15,494.048	1869.000	NAIL IN SIDEWALK

L ALIGNMENT

a.	Northing	Easting
0.00	457,041.66	2,317,273.88
1.54	457,157.40	2,317,211.38
104+92.86	457,471.93	2,317,033.55
7.52	457,639.19	2,317,334.92
96.99	457,952.87	2,317,159.39
72.85	458,718.42	2,316,733.84
= 208+36.44	457,304.58	2,316,733.49
95.40	457,617.40	2,316,557.44
57.26	457,932.49	2,316,379.50
72.08	458,384.97	2,316,133.93
80.95	457,136.62	2,316,432.68
40.18	457,450.08	2,316,257.23
82.82	457,283.00	2,315,958.08
95.11	457,643.31	2,315,757.70



SHEET INDEX

PRELIMINARY PLAN
NOT FINAL - SUBJECT TO CHANGE

SURVEY & ALIGNMENT SHEET

Board of Public Roads Classifications and Standards

Form 7 One- and Six-Year Plan
Highway or Street Improvement Project

County:	City: Grand Island	Village:

Location Description:
2012 Program will be for the construction of "quite zones" along the UPRR

Existing Surface Type and Structures: *(Such as dirt, gravel, asphalt, concrete, culvert, or bridge)*
Varies from concrete, asphalt and brick depending on location.

Average Daily Traffic:	Classification Type: *(As shown on Functional Classification Map)*
2011 = 2,500, **2031** = 5,000	Urban Minor Arterial/Local Roads

PROPOSED IMPROVEMENT

Design Standard Number:	**Surfacing**	Thickness:	Width:

☐ Grading	☒ Concrete	☐ Right of Way	☐ Lighting
☐ Aggregate	☒ Curb & Gutter	☐ Utility Adjustments	☒ .....
☐ Armor Coat	☐ Drainage Structures	☐ Fencing	☐ .....
☐ Asphalt	☐ Erosion Control	☐ Sidewalks	☐ .....

Bridge to Remain in Place	Roadway Width:		Length:	Type:
New Bridge	Roadway Width:		Length:	Type:
Box Culvert	Span:	Rise:	Length:	Type:
Culvert	Diameter:		Length:	Type:

Bridges and Culverts Sized ☐ Yes ☐ N/A ☐ Hydraulic Analysis Pending

Other Construction Features:
Specific locations for quite zones in 2009 are the Walnut, Elm, Pine and Oak Street crossings with the UPRR

ESTIMATED COST *(in Thousands)* ★ **OPTIONAL**	★ **COUNTY**	★ **CITY**	★ **STATE**	★ **FEDERAL**	★ **OTHER**	**TOTAL**
		107			140	247

Project Length: *(Nearest Tenth, State Unit of Measure)*	Project No.:
N/A	M-310(515)

Signature:	Title: Street Superintendent	Date:

NBCS Form 7, Feb 07

Board of Public Roads Classifications and Standards

Form 7 One- and Six-Year Plan
Highway or Street Improvement Project

County:	City:	Village:
	Grand Island	

Location Description:
Capital Avenue from Broadwell Avenue to Sky Park Rd

Existing Surface Type and Structures: *(Such as dirt, gravel, asphalt, concrete, culvert, or bridge)*
Asphalt

Average Daily Traffic:	Classification Type: *(As shown on Functional Classification Map)*
2011 = 8,616, **2031** = 12,500	Other Arterial

PROPOSED IMPROVEMENT

Design Standard Number:	**Surfacing**	Thickness:	Width:
Municipal		8"	24'

☒ Grading	☐ Concrete	☒ Right of Way	☐ Lighting
☐ Aggregate	☒ Curb & Gutter	☒ Utility Adjustments	☐ .....
☐ Armor Coat	☒ Drainage Structures	☐ Fencing	☐ .....
☒ Asphalt	☐ Erosion Control	☒ Sidewalks	☐ .....

Bridge to Remain in Place	Roadway Width:		Length:	Type:
New Bridge	Roadway Width:		Length:	Type:
Box Culvert	Span:	Rise:	Length:	Type:
Culvert	Diameter:		Length:	Type:

Bridges and Culverts Sized ☐ Yes ☐ N/A ☐ Hydraulic Analysis Pending

Other Construction Features:
Widen to three-lane section add pipe to connect existing culverts.

ESTIMATED COST *(in Thousands)* ★ **OPTIONAL**	★ **COUNTY**	★ **CITY**	★ **STATE**	★ **FEDERAL**	★ **OTHER**	**TOTAL**
		1,500				1,500

Project Length: *(Nearest Tenth, State Unit of Measure)*	Project No.:
2.0 Miles	M-310(520)

Signature:	Title:	Date:
	Street Superintendent	

NBCS Form 7, Feb 07

Board of Public Roads Classifications and Standards

Form 7 One- and Six-Year Plan
Highway or Street Improvement Project

County:	City: Grand Island	Village:

Location Description:
Custer Avenue and 15th Street

Existing Surface Type and Structures: *(Such as dirt, gravel, asphalt, concrete, culvert, or bridge)*
Concrete

Average Daily Traffic:	Classification Type: *(As shown on Functional Classification Map)*
2011 = 6,000, **2031** = 12,000	Urban Collector

PROPOSED IMPROVEMENT

Design Standard Number:	**Surfacing**	Thickness:	Width:
Municipal			

☒ Grading	☒ Concrete	☒ Right of Way	☒ Lighting
☐ Aggregate	☒ Curb & Gutter	☒ Utility Adjustments	☐ .....
☐ Armor Coat	☐ Drainage Structures	☐ Fencing	☐ .....
☐ Asphalt	☐ Erosion Control	☒ Sidewalks	☐ .....

Bridge to Remain in Place	Roadway Width:		Length:	Type:
New Bridge	Roadway Width:		Length:	Type:
Box Culvert	Span:	Rise:	Length:	Type:
Culvert	Diameter:		Length:	Type:

Bridges and Culverts Sized ☐ Yes ☒ N/A ☐ Hydraulic Analysis Pending

Other Construction Features:
New Traffic Signal installation

Federal Aid Project No. STRS-40(57)

ESTIMATED COST *(in Thousands)* ★ OPTIONAL	★ COUNTY	★ CITY	★ STATE	★ FEDERAL	★ OTHER	TOTAL
		67		317		384

Project Length: *(Nearest Tenth, State Unit of Measure)*	Project No.:
300 Feet	M-310(537)

Signature:	Title: Street Superintendent	Date:

NBCS Form 7, Feb 07

Board of Public Roads Classifications and Standards

Form 7 One- and Six-Year Plan
Highway or Street Improvement Project

County:	City: Grand Island	Village:

Location Description:
Highway 30 - Grant St to Claude Rd

Existing Surface Type and Structures: *(Such as dirt, gravel, asphalt, concrete, culvert, or bridge)*
Concrete

Average Daily Traffic:	Classification Type: *(As shown on Functional Classification Map)*
2011 = ..., **2031** = ...	N/A

PROPOSED IMPROVEMENT

Design Standard Number:	**Surfacing**	Thickness:	Width:

☐ Grading	☒ Concrete	☐ Right of Way	☐ Lighting
☐ Aggregate	☐ Curb & Gutter	☐ Utility Adjustments	☐ .....
☐ Armor Coat	☐ Drainage Structures	☐ Fencing	☐ .....
☐ Asphalt	☐ Erosion Control	☐ Sidewalks	☐ .....

Bridge to Remain in Place	Roadway Width:		Length:	Type:
New Bridge	Roadway Width:		Length:	Type:
Box Culvert	Span:	Rise:	Length:	Type:
Culvert	Diameter:		Length:	Type:

Bridges and Culverts Sized ☐ Yes ☐ N/A ☐ Hydraulic Analysis Pending

Other Construction Features:
Full-depth concrete repair and diamond grinding.

This is a NDOR project with city financial contributions.

ESTIMATED COST *(in Thousands)* ★ OPTIONAL	★ COUNTY	★ CITY	★ STATE	★ FEDERAL	★ OTHER	TOTAL
		572	572			1,144

Project Length: *(Nearest Tenth, State Unit of Measure)*	Project No.:
1.6	M-310(578)

Signature:	Title: Street Superintendent	Date:

NBCS Form 7, Feb 07

Board of Public Roads Classifications and Standards

Form 7 One- and Six-Year Plan
Highway or Street Improvement Project

County:	City: Grand Island	Village:

Location Description:

Various Locations - Resurfacing
1.Blaine St from Garland to Stolley Park; 2. Blaine St from Stolley Park to crossing with Bike Trail; 3. 1st St trom Walnut to Sycamore; 4. North Road from 13th to State; 5. Independence Ave from Captial to Hwy 2; 6. Broadwell Ave from Anna to 2nd ; & 7. Broadwell Ave from 2nd to State

Existing Surface Type and Structures: *(Such as dirt, gravel, asphalt, concrete, culvert, or bridge)*

Asphaltic Concrete

Average Daily Traffic: **2011 =** ..... **, 2031 =**	Classification Type: *(As shown on Functional Classification Map)* Various

PROPOSED IMPROVEMENT

Design Standard Number: Municipal	**Surfacing**	Thickness:	Width:

☐ Grading	☐ Concrete	☒ Right of Way	☐ Lighting
☐ Aggregate	☐ Curb & Gutter	☐ Utility Adjustments	☐ .....
☐ Armor Coat	☐ Drainage Structures	☐ Fencing	☐ .....
☒ Asphalt	☐ Erosion Control	☒ Sidewalks	☐ .....

Bridge to Remain in Place	Roadway Width:		Length:	Type:
New Bridge	Roadway Width:		Length:	Type:
Box Culvert	Span:	Rise:	Length:	Type:
Culvert	Diameter:		Length:	Type:

Bridges and Culverts Sized	☐ Yes ☒ N/A ☐ Hydraulic Analysis Pending

Other Construction Features:

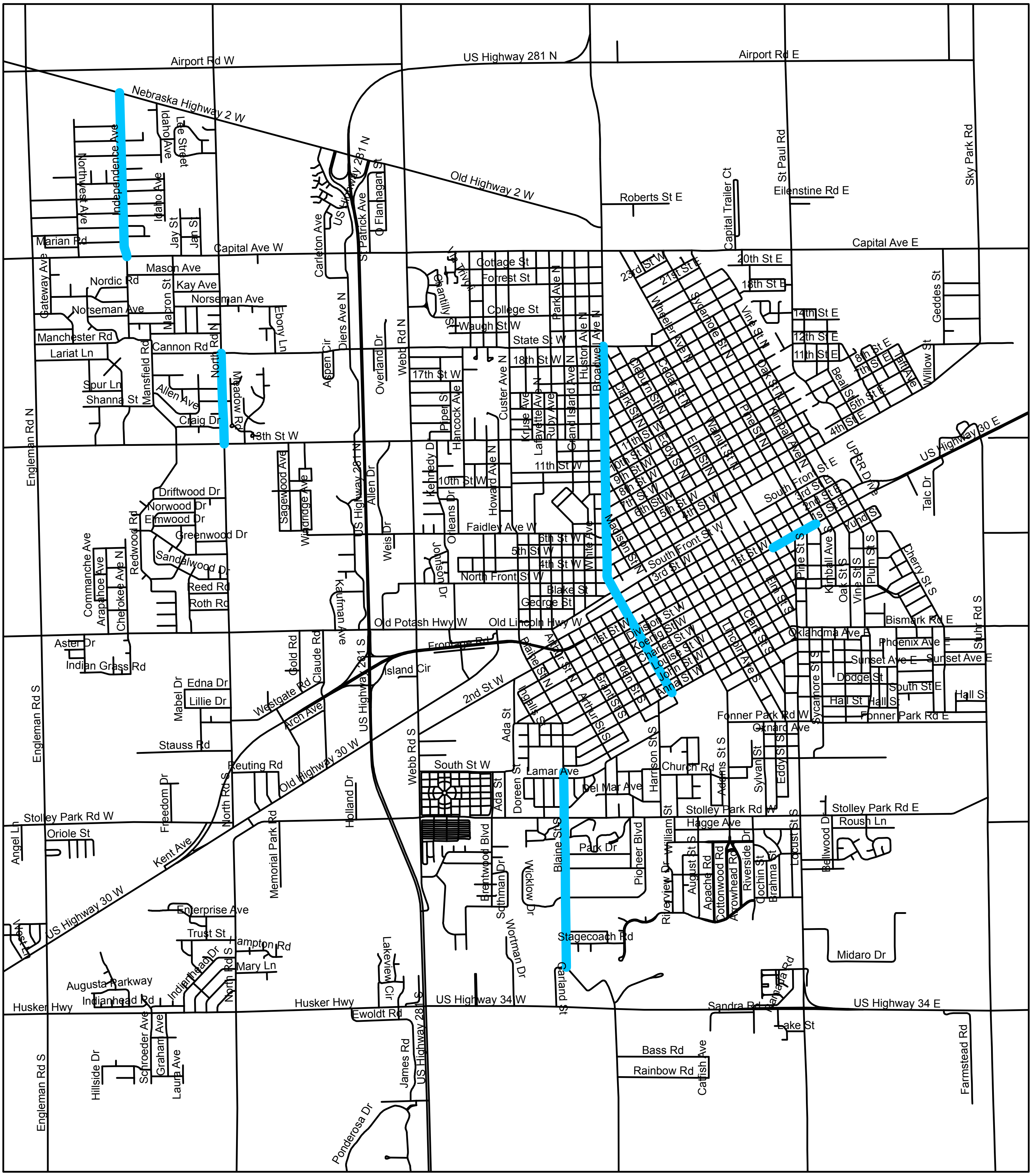
Asphalt resurfacing for various federal aid routes within the City. Received Relaxation of Standards for shoulder width from the NBCS at October 19, 2012 meeting.

ESTIMATED COST *(in Thousands)* ★ OPTIONAL	★ COUNTY	★ CITY	★ STATE	★ FEDERAL	★ OTHER	TOTAL
		683		2,730		3,413

Project Length: *(Nearest Tenth, State Unit of Measure)* UNK	Project No.: M-310(579)

Signature:	Title: Street Superintendent	Date:

NBCS Form 7, Feb 07



FEDERAL AID PROJECTS

BLAINE ST. - Garland to Stolley Park Rd

BLAINE ST. - Stolley Park Rd to Bike Trail

1st ST - Walnut to Sycamore

NORTH ROAD - 13th to State

INDEPENDENCE AVE. - Capital Ave to Neb. Hwy #2

BROADWELL AVE. - Anna to 2nd

BROADWELL AVE. - 2nd to State

N

CITY OF GRAND ISLAND

PUBLIC WORKS DEPARTMENT

PLOT 01-25-2011-----FED- Aid-Overlay-2013.mxd

STATE OF NEBRASKA

Minutes of the
Board of Public Roads Classifications and Standards
October 19, 2012
Hastings City Council Chamber, City Hall
220 North Hastings Avenue, Hastings, Nebraska

Meeting and Hearings Notices:

- Statewide news release emailed and posted on Nebraska Department of Roads' website October 12, 2012.
- Event posted on State of Nebraska website (Public Meeting Calendar) October 12, 2012.
- Tentative agenda emailed to each board member and interested persons October 12, 2012.
- Invitations mailed October 3, 2012 to County and Municipal Officials in Adams, Buffalo, Clay, Franklin, Hall, Hamilton, Kearney, Nuckolls and Webster Counties.
- Meeting agenda kept current and on public display in Liaison Services Section, Room 202, Nebraska Department of Roads, 1600 Highway 2, Lincoln, Nebraska.
- Meeting agenda posted on the City Hall main entrance bulletin board October 19, 2012.
- Relaxation of Standards hearing notice emailed October 12, 2012 to Burt County and the City of Grand Island.

Board members present:

Roger A. Figard, Lincoln, Chairman
James A. Litchfield, Wakefield, Vice Chairman
LeRoy G. Gerrard, Stromsburg
John M. Hynes, Holstein
Barbara Keegan, Alliance
Mick Syslo, Lincoln *(arrived at 9:21 a.m.)*
David L. Wacker, Hastings
Timothy W. Weander, Omaha
Edward R. Wootton, Sr., Bellevue

Board member absent:

Darold E. Tagge, Holdrege

Staff present:

LeMoyne D. Schulz, Board Secretary and Highway Local Liaison Coordinator, NDOR, Lincoln
Barbara Hasterlo, Secretary II, Liaison Services Section, NDOR, Lincoln

Others in attendance:

Andy Cunningham, Government Affairs Office, NDOR, Lincoln
Erich Strack, Government Affairs Office Legislative Coordinator, NDOR, Lincoln
Barry Rubendall, Street Commissioner, City of Franklin
Wesley Wahlgren, District IV Engineer, NDOR, Grand Island
Keith Meyer, District IV Construction Engineer, NDOR, Grand Island
Larry Legg, Secondary Roads Engineer, Local Projects Division, NDOR, Lincoln

Scott Griepenstrom, Project Manager, Public Works Department, City of Grand Island
Tim Golka, Olsson Associates, Grand Island
Shannon Callahan, Grand Island Street Superintendent
Terry Brown, Grand Island Public Works
Dawn Miller, Adams County Highway Superintendent
Dan Cady, Director, NE LTAP, University of Nebraska, Lincoln
Dennis Smith, Coordinator, NE LTAP, University of Nebraska, Lincoln
Matt Rief, Olsson Associates, Grand Island
Michael Ingram, Franklin County Highway Superintendent
Lee Saathoff, Adams County Board of Supervisors, Hastings
Steve Riehle, Hall County Engineer
Clarance Trumble, Hamilton County Board of Commissioners
Greg Davis, Aurora
Senator Les Seiler, Legislative District 33, Hastings
Rick Tessman, Street Water Department, City of Clay Center
Kim Jacobitz, Engineering Department, City of Hastings
Ryan Kavan, Olsson Associates, Hastings, representing self
David Garett, City of Hastings
Richard Douglas, Street Superintendent, City of Hastings

* * * * *

Chairman Figard called the meeting to order at 9:00 a.m. The meeting was open to the public.

* * * * *

Ms. Kaleena Fong, Executive Director, Adams County Convention and Visitors Bureau, welcomed the board members to the City of Hastings. Chairman Figard thanked her for the welcome.

* * * * *

Chairman Figard made the following announcements in compliance with the Open Meetings Act.

- A copy of the Open Meetings Act is available for inspection and is posted by the entrance to this room.
- The Meeting Agenda and a copy of all materials that were provided to the Board Members, prior to the start of this meeting, are available on the table by the entrance to this room.
- A sign in sheet is available. Visitors are not required to sign, but are encouraged to do so.

* * * * *

Mr. Schulz noted the following changes from the originally published agenda:
Additional 2012-2013 municipal annual reports received. Added request for discussion of sidewalks under "Other Business." Added receipt of the City of Omaha relaxation request under "Correspondence and General Information."

* * * * *

Mr. Gerrard moved to approve the September 21, 2012 meeting minutes. Mr. Wacker seconded the motion. Members Gerrard, Hynes, Litchfield, Wacker, Weander, Wootton and

Figard voted YES. Member Keegan abstained. Members Syslo and Tagge were absent. The motion carried.

* * * * *

The board considered the Final Report on the status of the submission of the 2011 - 2012 Standardized System of Annual Reports.

1. All 93 county, 530 municipal and the Nebraska Department of Roads' Reports have been received.

2. 93 county, 529 municipal and the Nebraska Department of Roads' Reports were accepted by the Board at previous meetings.

3. The municipality of Royal, which was cited to the State Treasurer for suspension of its Highway Allocation Funds, submitted a complete report on September 25, 2012. The State Treasurer should be advised to cease the suspension and restore the suspended funds.

4. The Liaison Services Section has completed a review of Royal's report and recommends acceptance.

Mr. Wootton moved to accept the Status Report of the Standardized System of Annual Reports as presented. Mr. Hynes seconded the motion. Members Gerrard, Hynes, Keegan, Litchfield, Wacker, Weander, Wootton and Figard voted YES. Members Syslo and Tagge were absent. The motion carried.

* * * * *

Mr. Wootton moved to lift the suspended Highway Allocation funds to the Village of Royal. Ms. Keegan seconded the motion. Members Gerrard, Hynes, Keegan, Litchfield, Wacker, Weander, Wootton and Figard voted YES. Members Syslo and Tagge were absent. The motion carried.

* * * * *

The board considered the Initial Report on the status of the submission of the 2012 - 2013 Standardized System of Annual Reports.

1. A total of 62 county, 6 Municipal the Nebraska Department of Roads' Reports have been received and are being held pending review.

Mr. Wacker moved to accept the Status Report of the Standardized System of Annual Reports as presented. Mr. Wootton seconded the motion. Members Gerrard, Hynes, Keegan, Litchfield, Wacker, Weander, Wootton and Figard voted YES. Members Syslo and Tagge were absent. The motion carried.

* * * * *

The board considered the Initial Report on the status of the submission of the 2013 One- and Six-Year Plans.

1. A total of 1 municipal (City of Lincoln) One- and Six-Year Plan has been received and is being held pending review.

Mr. Wootton moved to accept the Status Report of the One- and Six-Year Plans as presented. Mr. Litchfield seconded the motion. Members Gerrard, Hynes, Keegan, Litchfield, Wacker, Weander, Wootton and Figard voted YES. Members Syslo and Tagge were absent. The motion carried.

* * * * *

The board considered the Buffalo County One- and Six-Year Plan revision adding Project C-10(932) to the One-Year Plan. The project consists of replacing a wood structure with a culvert on a Local road. The total estimated cost is $15,000.

Mr. Wotton moved to accept the Buffalo County One- and Six-Year Plan revision. Mr. Gerrard seconded the motion. Members Gerard, Hynes, Keegan, Litchfield, Wacker, Weander, Wotton and Figard voted YES. Members Syslo and Tagge were absent. The motion carried.

* * * * *

The board considered the Sheridan County One- and Six-Year Plan revision adding Project C-81(140) to the One-Year Plan. The project consists of replacing a wood structure with a culvert on a Minimum Maintenance road. *(Note: In addition to the revision, a Relaxation of Standards is required.)* The total estimated cost is between $5,000 and $10,000.

Mr. Wootton moved to accept the Sheridan County One- and Six-Year Plan revision. Mr. Hynes seconded the motion. Members Gerard, Hynes, Keegan, Litchfield, Wacker, Weander, Wootton and Figard voted YES. Members Syslo and Tagge were absent. The motion carried.

* * * * *

The board considered the Village of Chapman One- and Six-Year Plan revision adding Project M-199(13) to the One-Year Plan. The project consists of grading and asphalt surfacing on a Local street. *(Note: The project will be done in conjunction with a Merrick County project.)* The total estimated cost is $46,000.

Mr. Gerrard moved to accept the Village of Chapman One- and Six-Year Plan revision. Mr. Wootton seconded the motion. Members Gerard, Hynes, Keegan, Litchfield, Wacker, Weander, Wootton and Figard voted YES. Members Syslo and Tagge were absent. The motion carried.

* * * * *

The board considered the City of Beatrice One- and Six-Year Plan revision delaying One-Year Plan Projects. 1-1 through 1-8, Federal Aid Project No. URB-6108(1), C.N. 13086, to the 2013 One-Year Plan. The projects consist of mill and asphalt overlay with curb ramps at intersections on Collector and Other Arterial streets. The total estimated cost is $1,134,000.

Mr. Wootton moved to accept the City of Beatrice One- and Six-Year Plan revision. Ms. Keegan seconded the motion. Members Gerard, Hynes, Keegan, Litchfield, Wacker, Weander, Wootton and Figard voted YES. Member Syslo Abstained. Member Tagge were absent. The motion carried.

* * * * *

At 9:23 a.m. the board heard the Burt County request for a Relaxation of Standards for Construction of a Culvert on a Minimum Maintenance road, County Project No. C-11(410), as

specified in its September 19, 2012 Letter and Burt County Resolution No. 2012-24. *(The hearing was held in an informal format, Burt County having declined the option of a formal hearing.)* No one was present to present the request. No one appeared in opposition. The hearing concluded at 9:24 a.m. The board then considered the request. *(NOTE: The project was added to the One-Year Plan at the September meeting.)*

Mr. Wootton moved to grant the Burt County Relaxation request. Mr. Hynes seconded the motion. Members Gerrard, Hynes, Keegan, Litchfield, Syslo, Wacker, Weander, Wootton, and Figard voted YES. Member Tagge was absent. The motion carried with the requisite majority.

* * * * *

At 9:30 a.m. the board heard the City of Grand Island request for a Relaxation of Minimum Design Standards for Project No. URB-5409(2), C.N. 42706, Various Locations in Grand Island, City Project No. M-310(579). (*The hearing was held in an informal format, the City of Grand Island having declined the option of a formal hearing.)* The request is for a decrease in Shoulder Width on Collector and Other Arterial streets as specified in its October 10, 2012 Letter and City of Grand Island Resolution No. 2012-178. Ms. Callahan, Mr. Griepenstrom and Mr. Brown presented the request. NDOR has approved the relaxation request. No one appeared in opposition. The hearing concluded at 9:59 a.m. The board then considered the request.

Mr. Wootton moved to grant the City of Grand Island Relaxation request, in view of the peculiar, special or unique local situation presented, whereby the application of the specific Minimum Design Standard would work a special hardship, and with the stipulation that no shoulder be less than 2' in width. Mr. Weander seconded the motion. Members Gerrard, Hynes, Keegan, Litchfield, Syslo, Wacker, Weander, Wootton and Figard voted YES. Member Tagge was absent. The motion carried with the requisite majority.

* * * * *

Other business:

- Request for discussion on Sidewalks, Curb ramps, and Crosswalks, received October 13, 2012. Mr. Legg presented the request. The under current regulations a county or municipality must request a relaxation of standards for existing standard deficiencies when constructing ADA ramps and sidewalks. An alternative would be that new construction or reconstruction of sidewalks and/or ADA ramps outside of the roadway and the replacement of existing cross walks within the roadway be considered a maintenance activity. Following discussion the Board directed staff to develop language for presentation at a future meeting.

- Board members received a proposed schedule of meetings for 2013 and a tentative schedule for 2014. *Members were requested to evaluate the proposed dates for action at the November meeting.*

* * * * *

Mr. Schulz reported the following correspondence and general information:

- City of Omaha Relaxation of Standards request received October 16, 2012, possible agenda item for the November 16 2012 meeting.

- Board members received the agenda for the 27th Annual Regional Local Road Conference to be held October 24-25, 2012, in Rapid City, South Dakota.

- Board members received a copy of the Board of Examiners for County Highway and City Street Superintendents, August 24, 2012, meeting minutes.

* * * * *

Chairman Figard invited public comment and thanked everyone for attending the meeting and the workshop following the meeting, with special thanks to board member Wacker and his assistant, Kim Jacobitz for hosting the meeting and the previous afternoon's tour of the city.

Chairman Figard recognized State Senator Les Seiler.

The next regular meeting will be held November 16, 2012, at 9:00 a.m., in the Nebraska Department of Roads' Central Headquarters Building Auditorium, Room 139A, 1500 Highway 2, Lincoln, Nebraska.

* * * * *

There being no further agenda items, Chairman Figard adjourned the meeting at 10:24 a.m.

* * * * *

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LeMoyne D. Schulz
Secretary for the Board

Board of Public Roads Classifications and Standards

Form 7 One- and Six-Year Plan
Highway or Street Improvement Project

County:	City:	Village:
	Grand Island	

Location Description:
US Highway 30 - Wood River to Grand Island

Existing Surface Type and Structures: *(Such as dirt, gravel, asphalt, concrete, culvert, or bridge)*
Asphalt (3R Project)

Average Daily Traffic:	Classification Type: *(As shown on Functional Classification Map)*
2010 = 5300, **2030** = UNK	Major Arterial

PROPOSED IMPROVEMENT

Design Standard Number:	**Surfacing**	Thickness:	Width:
001.03			

☐ Grading	☐ Concrete	☐ Right of Way	☐ Lighting
☐ Aggregate	☐ Curb & Gutter	☐ Utility Adjustments	☐ .....
☐ Armor Coat	☐ Drainage Structures	☐ Fencing	☐ .....
☒ Asphalt	☐ Erosion Control	☐ Sidewalks	☐ .....

Bridge to Remain in Place	Roadway Width:		Length:	Type:
New Bridge	Roadway Width:		Length:	Type:
Box Culvert	Span:	Rise:	Length:	Type:
Culvert	Diameter:		Length:	Type:

Bridges and Culverts Sized ☐ Yes ☐ N/A ☐ Hydraulic Analysis Pending

Other Construction Features:
US Highway 30 resurfacing, NDOR Project with City financial contribution.

NDOR Project No. STPD-30-4(149)

ESTIMATED COST *(in Thousands)* ★ **OPTIONAL**	★ **COUNTY**	★ **CITY**	★ **STATE**	★ **FEDERAL**	★ **OTHER**	**TOTAL**
		584	5,161			5,745

Project Length: *(Nearest Tenth, State Unit of Measure)*	Project No.:
12.2 Mile	M-310(581)

Signature:	Title:	Date:
	Street Superintendent	

NBCS Form 7, Feb 07

Board of Public Roads Classifications and Standards

Form 7 One- & Six- Year Plan
Highway or Street Improvement Project

County:	City:	Village:
	GRAND ISLAND	

Location Description:
Blaine Street from Schimmer Dr. to Wildwood Dr.

Project Description:
Concrete paving for industrial development site partially funded through Community Block Development Grant and LB-840 Funds.

Existing Surface Type and Structures: *(Such as dirt, gravel, asphalt, concrete, culvert, or bridge)*
Gravel

Average Daily Traffic:				Classification Type: *(As shown on Functional Classification Map)*
2012	1,326	**2032**	2,000	Local

PROPOSED IMPROVEMENT

Design Standard Number: Municipal			**Surfacing**			Thickness: 8 IN.	Width: 28 FT.
X	Grading	X	Concrete		Rigt of Way		Lighting
	Aggregate		Curb & Gutter		Utility Adjustments		
	Armor Coat	X	Drainage Structures		Fencing		
	Asphalt	X	Erosion Control		Sidewalk		

Bridge to Remain in Place:	Roadway Width:		Length:	Type:
New Bridge:	Roadway Width:		Length:	Type:
Box Culvert	Span:	Rise:	Length:	Type:
Culvert	Diameter:		Length:	Type:

Bridges and Culverts Sized		YES		N/A		Hydraulic Analysis Pending

Other Construction Features:

Funding: 575,000 - LB840 and 382,000 - CDBG

ESTIMATED COST *(in Thousands)* *OPTIONAL	*County:	*City:	*State:	*Federal:	*Other:	*Total:
		243			957	1,200

Project Length: *(Nearest Tenth, State Unit of Measure)*	Project No.:	
1.0 MILE	M-310(588)	
Signature:	Title:	Date:

NBCS Form 7, Feb 07

Board of Public Roads Classifications and Standards

Form 7 One- and Six-Year Plan
Highway or Street Improvement Project

County:	City:	Village:
	Grand Island	

Location Description:
Broadwell Avenue from 45' South of BNSF Crossing (north of Hwy 2) to BNSF Crossing.

Existing Surface Type and Structures: *(Such as dirt, gravel, asphalt, concrete, culvert, or bridge)*
Asphaltic Concrete, Dirst Shoulder

Average Daily Traffic:	Classification Type: *(As shown on Functional Classification Map)*
2008 = 5,135, **2028** = UNK	Other Arterial

PROPOSED IMPROVEMENT

Design Standard Number:	**Surfacing**	Thickness:	Width:
Municipal		6"	27'

☐ Grading	☒ Concrete	☐ Right of Way	☐ Lighting
☐ Aggregate	☐ Curb & Gutter	☐ Utility Adjustments	☐ .....
☐ Armor Coat	☐ Drainage Structures	☐ Fencing	☐ .....
☒ Asphalt	☐ Erosion Control	☐ Sidewalks	☐ .....

Bridge to Remain in Place	Roadway Width:		Length:	Type:
New Bridge	Roadway Width:		Length:	Type:
Box Culvert	Span:	Rise:	Length:	Type:
Culvert	Diameter:		Length:	Type:

Bridges and Culverts Sized ☐ Yes ☒ N/A ☐ Hydraulic Analysis Pending

Other Construction Features:
Shoulder Widening: 8' Concrete shoulder through the crossing, both sides of roadway.

ESTIMATED COST *(in Thousands)* ★ **OPTIONAL**	★ **COUNTY**	★ **CITY**	★ **STATE**	★ **FEDERAL**	★ **OTHER**	**TOTAL**
		52				52

Project Length: *(Nearest Tenth, State Unit of Measure)*	Project No.:
100 Feet	M-310 (591)

Signature:	Title:	Date:
	Street Superintendent	

NBCS Form 7, Feb 07

Board of Public Roads Classifications and Standards

Form 7 One- and Six-Year Plan
Highway or Street Improvement Project

County:	City: Grand Island	Village:

Location Description:
Annual Asphalt Resurfacing Project - various areas throughout the City

Existing Surface Type and Structures: *(Such as dirt, gravel, asphalt, concrete, culvert, or bridge)*
Asphalt - Maintenance Project

Average Daily Traffic:	Classification Type: *(As shown on Functional Classification Map)*
2011 = ..., **2031** = ...	Various

PROPOSED IMPROVEMENT

Design Standard Number:	**Surfacing**	Thickness:	Width:
Maintenance			

☒ Grading	☐ Concrete	☐ Right of Way	☐ Lighting
☐ Aggregate	☐ Curb & Gutter	☐ Utility Adjustments	☐ .....
☐ Armor Coat	☐ Drainage Structures	☐ Fencing	☐ .....
☒ Asphalt	☐ Erosion Control	☐ Sidewalks	☐ .....

Bridge to Remain in Place	Roadway Width:		Length:	Type:
New Bridge	Roadway Width:		Length:	Type:
Box Culvert	Span:	Rise:	Length:	Type:
Culvert	Diameter:		Length:	Type:

Bridges and Culverts Sized ☐ Yes ☒ N/A ☐ Hydraulic Analysis Pending

Other Construction Features:

ESTIMATED COST *(in Thousands)* ★ OPTIONAL	★ COUNTY	★ CITY	★ STATE	★ FEDERAL	★ OTHER	TOTAL
		603				750

Project Length: *(Nearest Tenth, State Unit of Measure)*	Project No.:
1.3	M-310(593)

Signature:	Title: Street Superintendent	Date:

NBCS Form 7, Feb 07

Board of Public Roads Classifications and Standards

Form 7 One- and Six-Year Plan
Highway or Street Improvement Project

County:	City: Grand Island	Village:

Location Description:
Various locations throughout the City

Existing Surface Type and Structures: *(Such as dirt, gravel, asphalt, concrete, culvert, or bridge)*
Concrete or Asphalt

Average Daily Traffic:	Classification Type: *(As shown on Functional Classification Map)*
2011 = ... , **2031** = ...	N/A

PROPOSED IMPROVEMENT

Design Standard Number:	**Surfacing**	Thickness:	Width:

☐ Grading	☐ Concrete	☐ Right of Way	☐ Lighting
☐ Aggregate	☐ Curb & Gutter	☐ Utility Adjustments	☐ .....
☐ Armor Coat	☐ Drainage Structures	☐ Fencing	☐ .....
☐ Asphalt	☐ Erosion Control	☒ Sidewalks	☐ .....

Bridge to Remain in Place	Roadway Width:		Length:	Type:
New Bridge	Roadway Width:		Length:	Type:
Box Culvert	Span:	Rise:	Length:	Type:
Culvert	Diameter:		Length:	Type:

Bridges and Culverts Sized ☐ Yes ☒ N/A ☐ Hydraulic Analysis Pending

Other Construction Features:
Install ADA compliant handicap sidewalk ramps in various areas of the City - this program follows the City's previous year asphalt resurfacing project

ESTIMATED COST *(in Thousands)* ★ **OPTIONAL**	★ **COUNTY**	★ **CITY**	★ **STATE**	★ **FEDERAL**	★ **OTHER**	**TOTAL**
		125				125

Project Length: *(Nearest Tenth, State Unit of Measure)*	Project No.:
UNK	M-310(597)

Signature:	Title: Street Superintendent	Date:

NBCS Form 7, Feb 07

Board of Public Roads Classifications and Standards

Form 7 One- and Six-Year Plan
Highway or Street Improvement Project

County:	City: Grand Island	Village:

Location Description:
Airport Rd & Sky Park Rd Intersection Improvements

Existing Surface Type and Structures: *(Such as dirt, gravel, asphalt, concrete, culvert, or bridge)*
Asphalt

Average Daily Traffic:	Classification Type: *(As shown on Functional Classification Map)*
2011 = 1,550, **2031** = ...	Local

PROPOSED IMPROVEMENT

Design Standard Number:	**Surfacing**	Thickness:	Width:
Municipal		UNK	24'

☒ Grading	☐ Concrete	☐ Right of Way	☐ Lighting
☐ Aggregate	☐ Curb & Gutter	☒ Utility Adjustments	☐ .....
☐ Armor Coat	☐ Drainage Structures	☐ Fencing	☐ .....
☒ Asphalt	☐ Erosion Control	☐ Sidewalks	☐ .....

Bridge to Remain in Place	Roadway Width:		Length:	Type:
New Bridge	Roadway Width:		Length:	Type:
Box Culvert	Span:	Rise:	Length:	Type:
Culvert	Diameter:		Length:	Type:

Bridges and Culverts Sized ☐ Yes ☐ N/A ☐ Hydraulic Analysis Pending

Other Construction Features:
Widen turning radii at intersection

ESTIMATED COST *(in Thousands)* ★ OPTIONAL	★ COUNTY	★ CITY	★ STATE	★ FEDERAL	★ OTHER	TOTAL
		45				45

Project Length: *(Nearest Tenth, State Unit of Measure)*	Project No.:
600 Feet	M-310(598)

Signature:	Title: Street Superintendent	Date:

NBCS Form 7, Feb 07

Board of Public Roads Classifications and Standards

Form 7 One- and Six-Year Plan
Highway or Street Improvement Project

County:	City:	Village:
	Grand Island	

Location Description:
Sky Park Road Improvements - Airport Rd to Abbott Rd

Existing Surface Type and Structures: *(Such as dirt, gravel, asphalt, concrete, culvert, or bridge)*
Asphalt

Average Daily Traffic:	Classification Type: *(As shown on Functional Classification Map)*
2008 = 1,550, **2031** = TBD	Local

PROPOSED IMPROVEMENT

Design Standard Number:	**Surfacing**	Thickness:	Width:
Municipal		8"	24'

☒ Grading	☐ Concrete	☒ Right of Way	☒ Lighting
☐ Aggregate	☐ Curb & Gutter	☒ Utility Adjustments	☐ .....
☐ Armor Coat	☐ Drainage Structures	☐ Fencing	☐ .....
☒ Asphalt	☒ Erosion Control	☐ Sidewalks	☐ .....

Bridge to Remain in Place	Roadway Width:		Length:	Type:
New Bridge	Roadway Width:		Length:	Type:
Box Culvert	Span:	Rise:	Length:	Type:
Culvert	Diameter:		Length:	Type:

Bridges and Culverts Sized ☐ Yes ☐ N/A ☐ Hydraulic Analysis Pending

Other Construction Features:
Widen roadway and add lighting to improve safety and accommodate higher traffic volume for increased Airport usage.

ESTIMATED COST *(in Thousands)* ★ **OPTIONAL**	★ **COUNTY**	★ **CITY**	★ **STATE**	★ **FEDERAL**	★ **OTHER**	**TOTAL**
		700				700

Project Length: *(Nearest Tenth, State Unit of Measure)*	Project No.:
1.0 Mile	M-310(599)

Signature:	Title:	Date:
	Street Superintendent	

NBCS Form 7, Feb 07

Board of Public Roads Classifications and Standards

Form 7 One- and Six-Year Plan
Highway or Street Improvement Project

County:	City:	Village:
	Grand Island	

Location Description:
Sky Park Road from Capital Avenue to Airport Road

Existing Surface Type and Structures: *(Such as dirt, gravel, asphalt, concrete, culvert, or bridge)*
Asphalt

Average Daily Traffic:	Classification Type: *(As shown on Functional Classification Map)*
2008 = 1,280, **2031** = TBD	Local

PROPOSED IMPROVEMENT

Design Standard Number:		Thickness:	Width:
Municipal	**Surfacing**	8"	24'

☒ Grading	☐ Concrete	☒ Right of Way	☒ Lighting
☐ Aggregate	☐ Curb & Gutter	☒ Utility Adjustments	☐ .....
☐ Armor Coat	☒ Drainage Structures	☐ Fencing	☐ .....
☒ Asphalt	☒ Erosion Control	☐ Sidewalks	☐ .....

Bridge to Remain in Place	Roadway Width:		Length:	Type:
New Bridge	Roadway Width:		Length:	Type:
Box Culvert	Span:	Rise:	Length:	Type:
Culvert	Diameter:		Length:	Type:

Bridges and Culverts Sized ☐ Yes ☐ N/A ☐ Hydraulic Analysis Pending

Other Construction Features:
Improve roadway for potential Truck Route.

ESTIMATED COST *(in Thousands)* ★ **OPTIONAL**	★ **COUNTY**	★ **CITY**	★ **STATE**	★ **FEDERAL**	★ **OTHER**	**TOTAL**
		800				800

Project Length: *(Nearest Tenth, State Unit of Measure)*	Project No.:
UNK	M-310(609)

Signature:	Title:	Date:
	Street Superintendent	

NBCS Form 7, Feb 07

Board of Public Roads Classifications and Standards

Form 7 One- & Six- Year Plan
Highway or Street Improvement Project

County:	City: GRAND ISLAND	Village:

Location Description:
Shady Bend Rd just north of Gregory Ave to Bismark Rd.

Project Description:
Resurfacing project to restore roadway to structually sound state and to accommodate increasing truck traffic. Minor bridge repair and box culvert repair as will be determined.

Existing Surface Type and Structures: *(Such as dirt, gravel, asphalt, concrete, culvert, or bridge)*
Asphalt, bridge, box culvert, guardrail

Average Daily Traffic:				Classification Type: *(As shown on Functional Classification Map)*
2013	2,420	**2033**	TBD	Other Arterial & Local

PROPOSED IMPROVEMENT

Design Standard Number: Municipal			**Surfacing**			Thickness: 8"	Width: 24'
X	Grading		Concrete		Right of Way		Lighting
	Aggregate		Curb & Gutter		Utility Adjustments		
	Armor Coat	X	Drainage Structures		Fencing		
X	Asphalt		Erosion Control		Sidewalk		

Bridge to Remain in Place:	Roadway Width: 40'		Length: 40'	Type: Concrete Box Culvert	
New Bridge:	Roadway Width:		Length:	Type:	
Box Culvert	Span:	Rise:	Length:	Type:	
Culvert	Diameter:		Length:	Type:	
Bridges and Culverts Sized	YES		N/A		Hydraulic Analysis Pending

Other Construction Features:

ESTIMATED COST *(in Thousands)* *OPTIONAL	*County:	*City:	*State:	*Federal:	*Other:	*Total:
		250				250

Project Length: *(Nearest Tenth, State Unit of Measure)* 0.8 MILE	Project No.: M-310(622)	
Signature:	Title: Street Superintendent	Date:

NBCS Form 7, Feb 07

Board of Public Roads Classifications and Standards

Form 7 One- & Six- Year Plan
Highway or Street Improvement Project

County:	City: GRAND ISLAND	Village:

Location Description:
Hwy 281 from mile post 68.90 to Ref. Post 78.5; In GI City Limits from Viaduct over Old Hwy 30 to Airport Road (3.7 Miles)

Project Description:
Full Depth Concrete Repair and Resurfacing; NDOR Project No. NH-281(127) with City participation

Existing Surface Type and Structures: *(Such as dirt, gravel, asphalt, concrete, culvert, or bridge)*
Concrete

Average Daily Traffic:				Classification Type: *(As shown on Functional Classification Map)*
2012		**2032**		Major Arterial

PROPOSED IMPROVEMENT

Design Standard Number: 3R on Municipal State Hwy	**Surfacing**				Thickness:	Width:
	Grading		Concrete		Right of Way		Lighting
	Aggregate		Curb & Gutter		Utility Adjustments		
	Armor Coat		Drainage Structures		Fencing		
	Asphalt		Erosion Control		Sidewalk		
Bridge to Remain in Place:			Roadway Width:		Length:	Type:	
New Bridge:			Roadway Width:		Length:	Type:	
Box Culvert			Span:	Rise:	Length:	Type:	
Culvert			Diameter:		Length:	Type:	
Bridges and Culverts Sized			YES		N/A		Hydraulic Analysis Pending

Other Construction Features:

ESTIMATED COST *(in Thousands)* *OPTIONAL	*County:	*City:	*State:	*Federal:	*Other:	*Total:
		1,166	4,853			6,019

Project Length: *(Nearest Tenth, State Unit of Measure)* 9.6 (Total)	Project No.: M-310 (623)	
Signature:	Title: Street Superintendent	Date:

NBCS Form 7, Feb 07

Board of Public Roads Classifications and Standards

Form 7 One- & Six- Year Plan
Highway or Street Improvement Project

County:	City: GRAND ISLAND	Village:

Location Description:
Stuhr Rd from just south of BNSF crossing to Bismark Rd

Project Description:
Concrete overlay with shoulder widening

Existing Surface Type and Structures: *(Such as dirt, gravel, asphalt, concrete, culvert, or bridge)*
Asphalt

Average Daily Traffic:				Classification Type: *(As shown on Functional Classification Map)*
2008	5,010	**2028**	TBD	Other Arterial

PROPOSED IMPROVEMENT

Design Standard Number: Municipal			**Surfacing**			Thickness:	Width:
X	Grading	X	Concrete	X	Right of Way	X	Lighting
	Aggregate		Curb & Gutter	X	Utility Adjustments	X	Shoulder Widen
	Armor Coat		Drainage Structures		Fencing		
	Asphalt	X	Erosion Control		Sidewalk		

Bridge to Remain in Place:	Roadway Width:		Length:	Type:
New Bridge:	Roadway Width:		Length:	Type:
Box Culvert	Span:	Rise:	Length:	Type:
Culvert	Diameter:		Length:	Type:
Bridges and Culverts Sized	YES		N/A	Hydraulic Analysis Pending

Other Construction Features:

ESTIMATED COST *(in Thousands)* *OPTIONAL	*County:	*City:	*State:	*Federal:	*Other:	*Total:
		160				160

Project Length: *(Nearest Tenth, State Unit of Measure)*	Project No.:	
0.4 Mile	M-310(624)	
Signature:	Title: Street Superintendent	Date:

NBCS Form 7, Feb 07