



GIAMPO – Technical Advisory Committee

Monday, November 20, 2017

**10:00 am @ City Hall - Community Meeting Room
100 E 1st Street, Grand Island, NE 68801**

AGENDA

1. Call to Order
This is a public meeting subject to the open meetings laws of the State of Nebraska. The requirements for an open meeting are posted on the wall in this room and anyone that wants to find out what those are is welcome to read through them.
2. Roll Call
3. Approval of Minutes from the October 30, 2017 Technical Advisory Committee Meeting
4. Approval Recommendation of Final Draft TIP Amendment No. 2 to FY 2018-2022 TIP
5. Approval Recommendation of Final Draft LRTP Amendment No. 3
6. Bike/Ped Master Plan
7. Other Business
8. Next Meeting
9. Adjournment

***Special Accommodations:** Please notify the City of Grand Island at 308-385-5444 if you require special accommodations to attend this meeting (i.e., interpreter services, large print, reader, hearing assistance).*

Technical Advisory Committee

Monday, November 20, 2017

Regular Session

Item C1

Approval of Minutes from the October 30, 2017 Technical Advisory Committee Meeting

Staff Contact: Chad Nabity, Regional Planning Director

GRAND ISLAND AREA METROPOLITAN PLANNING ORGANIZATION (GIAMPO)

TECHNICAL ADVISORY COMMITTEE (TAC) MINUTES

October 30, 2017 at 10:00 am

Grand Island City Hall – Community Meeting Room

100 E 1st Street, Grand Island, NE 68801

Voting Members in Attendance:

Keith Kurz, City of Grand Island, Assistant Public Works Director	Present
John Collins, City of Grand Island, Public Works Director	Present
Marlan Ferguson, City of Grand Island, City Administrator	Present
Chad Nabity, Hall County Regional Planning Director	Absent
Casey Sherlock, Hall County Public Works Director	Present
Mike Meyer, Merrick County Hwy Superintendent	Absent
Wes Wahlgren, NDOT District 4 Engineer	Present
Paul Gavin, NDOT Highway Planning Manager	Present
Ramona Schafer, Village of Alda	Present

Non-Voting Members in Attendance:

Bentley Tomlin, Burling Northern Santa Fe Railroad	Absent
Mike Olson, Central NE Regional Airport	Present
Allan Zafft, City of Grand Island MPO Program Manager	Present
Shannon Callahan, City of Grand Island Street Superintendent	Absent
Renae Jimenez, City of Grand Island Finance Director	Present
William Clingman, City of Grand Island Asst. Finance Director	Present
Catrina DeLosh, City of Grand Island Public Works Admin Assistant	Present
Tim Golka, City of Grand Island Project Manager	Present
Jerry Janulewicz, City of Grand Island City Attorney	Present
Charley Falmlen, City of Grand Island Transit Program Manager	Present
VACANT, City of Grand Island Assistant to the City Administrator	Absent
Erich Hines, FHWA, Transportation Planner, Realty Civil Rights	Absent
Justin Luther, FHWA, Transportation Planner, Realty, Civil Rights	Present
Mark Bechtel, FTA Community Planner	Absent
Logan Daniels, FTA Transportation Program Specialist	Absent
Daniel Nguyen, FTA Community Planner	Absent
Cindy Johnson, Grand Island Area Chamber of Commerce	Present
Mary Berlie, Grand Island Area Economic Development Corporation	Absent
VACANT, NDOT Local Projects Engineer	Absent
Kaine McClelland, NDOT State Modeler	Absent
Noel Salac, NDOT Assistant Planning Engineer	Present
Jeff Soula, NDOT Local Projects Urban Engineer	Absent
Kyle Nodgaard, Union Pacific Railroad	Absent
Kelli O'Brien, Union Pacific Railroad	Absent

Others in Attendance:

Olsson Associates staff – Nick Weander and Matt Rief

Call to Order

Sherlock called the meeting to order at 10:00 am. The Nebraska Open Meetings Act was acknowledged.

Roll Call

Roll call was taken.

Approval of Minutes from the July 20, 2017 Technical Advisory Committee

Motion by Wahlgren to approve the minutes of the July 20, 2017 meeting, seconded by Ferguson. Upon voice vote, all voted aye. Motion adopted.

Approval Recommendation of Final Draft TIP Amendment No. 1 to FY 2018-2022 TIP

Zafft informed the committee with the addition of the 5 Points Intersection Improvement project to the City of Grand Island's planned projects an amendment is required to the Transportation Improvement Program (TIP). The State has committed to providing up to \$1.7M towards this project, which is financially constrained and is consistent with the currently adopted Long Range Transportation Plan. Zafft also stated per the Public Participation Plan a public comment period is required for such amendment.

Motion by Collins to approve Recommendation of Final Draft TIP Amendment No. 1 to FY 2018-2022 TIP, seconded by Wahlgren. Upon voice vote, all voted aye. Motion adopted.

Approval Recommendation of Amendment No. 3 to the TAC Bylaws

Sherlock presented Amendment No. 3 to the TAC Bylaws, which adds two (2) entities as voting members to the committee; City of Grand Island Transit Program Manager and Central Nebraska Regional Airport. It was discussed to specify the Executive Director to serve as the voting member for Central Nebraska Regional Airport. Consequently, the Amendment No. 3 will show Central Nebraska Regional Airport Executive Director as one of the TAC voting members. Zafft mentioned that this amendment will also change the Nebraska Department of Roads Highway Planning Manager to Nebraska Department of Transportation Intermodal Planning Engineer or designee. Gavin also requested the change for all Nebraska Department of Roads (NDOR) titles to Nebraska Department of Transportation (NDOT) titles.

The City of Grand Island Transit Program Manager and Central Nebraska Regional Airport Executive Director will not be official TAC voting members until the Policy Board approves Amendment No. 3 on December 12, 2017 and the Governor of Nebraska approves the GIAMPO redesignation agreement sometime in early 2018.

Motion by Wahlgren to approve Recommendation of Amendment No. 3 to the TAC Bylaws, seconded by Schafer. Upon voice vote, all voted aye. Motion adopted.

Financial Update

Zafft provided a summary of the State FY 2017 budget and completed work highlights, as well as the first quarter budget information for State FY 2018 with completed work for the same timeframe.

Bike/Ped Master Plan Update

Zafft informed the committee that three (3) neighborhood meetings were completed for the Bike/Ped Master Plan, which were held at Gates Elementary School, Westridge Middle School, and Walnut Middle School. The outcome of such meetings was that better connections at/near schools are needed, gaps in the NE & S parts of the City need to be filled in, a route to the Vets ball field needs to be established, and folks prefer trails and low volume streets to walk/bike on, as well as separate facilities. A Community Workshop was held at the Grand Island Public Library and an online community survey was conducted. Zafft also informed the committee of the website walkbikegi.com as the source for information. A public comment period is the next step with a public meeting to be held in January.

State Freight Plan

Zafft and Salac informed the committee that by having a freight plan the State is qualified to receive up to \$8M in transportation funds; opportunity for more grant programs (Tiger, Infa, etc.). Current State administration is interested in economic development tied to manufacturing and agriculture type business. A freight plan will identify bottlenecks in the transit system and develop projects to provide relief. Luther confirmed this plan is not required; however the State is not eligible for additional funds if no plan is in place. Olson questioned if there is a match/cost share on the grants, to which both Zafft & Salac stated most often there is. Zafft noted roadways such as Highway 281, Highway 30, Highway 34 and Interstate 80 that are identified as key freight corridors by this plan. Zafft mentioned the State coordinated with the metropolitan planning organizations to designate critical urban and rural freight corridors. For the GIAMPO region, sections of US 30 and the east bypass were identified as critical urban freight corridors.

Approval Recommendation of Final Draft Summary Final Report for Regional Transit Study

Zafft introduced Nick Weander of Olsson Associates to present the final draft summary report for the Regional Transit Study. Weander presented the different transit options that were developed from the study and the financing required to implement each plan. A public comment period will be necessary upon Policy Board approval.

Motion by Ferguson to Approve Recommendation of Final Draft Summary Final Report for Regional Transit Study, seconded by Collins. Upon voice vote, all voted aye. Motion adopted.

Other Business

Luther reminded the committee of the upcoming Performance Measures workshop, which will cover asset management, on November 1, 2017 at Mahoney State Park.

Zafft noted the Federal Safety Performance Targets the MPO chooses to adopt can follow NDOT or be separate, with recommendation from TAC to Policy Board.

As of October 11, 2017 the Federal Highway Administration & Federal Transit Administration have approved the STIP for FY 2018-2021.

Next Meeting Date

The next Meeting of the TAC will be on December 11, 2017 at 10:00 am.

Adjournment

There being no further business, Sherlock adjourned the meeting at 10:58 am.

Technical Advisory Committee

Monday, November 20, 2017

Regular Session

Item H1

**Approval Recommendation of Final Draft TIP Amendment No. 2 to FY
2018-2022 TIP**

Staff Contact: Allan Zafft, MPO Program Manager

ISSUE

VOTE: Amendment No. 2 to the 2018-2022 Transportation Improvement Program

BACKGROUND

The Transportation Improvement Program (TIP) is the region's short-range program, identifying projects to receive federal funds and projects of regional significance to be implemented over the next five year period. The Grand Island Area Metropolitan Planning Organization (GIAMPO) amends the TIP to accommodate changes to projects in the TIP.

The proposed Amendment No. 2 to the 2018-2022 TIP includes 1 modified project:

- TIP No. 2016-005, State ID 42674 – I-80 improvements from Platte River west of Grand Island to Phillips
 - Changes the project federal-aid amount from \$7.300 million to \$11.396 million and the project total estimate from \$8.142 million to \$12.708 million.

POLICY CONSIDERATIONS/DISCUSSION

GIAMPO's Public Participation Plan requires that proposed amendments to the TIP be released for public review and comment prior to Policy Board adoption.

The project in the proposed Amendment No. 2 is financially constrained, and it is consistent with the proposed Amendment No. 3 to the Long Range Transportation Plan.

BUDGET CONSIDERATIONS

None.

COMMITTEE ACTION

None.

RECOMMENDATION

Approve Amendment No. 2 to the 2018-2022 Transportation Improvement Program and release this amendment for public review and comment.

STAFF CONTACTS

Allan Zafft

**Grand Island Area Metropolitan Planning Organization (GIAMPO)
 Transportation Improvement Program
 Fiscal Years 2018 - 2022
 Amendment No. 2**

TIP No.: 2016-005 **Sponsor:** NDOT **District:** 4 **Highway:** I-80
Project or State ID: 42674 **Project No.:** NH-80-6(108) **A/Q: Status:** Exempt **Length (SLM):** 7.7

Project Name: Platte River - Phillips

Project Description / Primary Work Type Category / Termini: Mill, concrete repair, resurface 4-lane dual roadway and shoulder, bridge repair I-80 from Platte River west of Grand Island to Phillips. Begin RP - 310.88

Amendment Description: Updated budget to reflect latest estimates. This amends the TIP by changing the project federal-aid amount from \$7.300 million to \$11.396 million and the project total estimate from \$8.142 million to \$12.708 million.

Phase	Year of Expenditure	Fund Type	Fund or Obligation Description	TIP
				Estimate by Phase Amount (\$1,000)
PE	2017	State	NDOT	\$45
			National Highway Performance Program	
Const./CE	2018	NHPP		\$11,396
Const./CE	2018	State	NDOT	\$1,267

Federal Total: \$11,396 Non-Federal Total: \$1,312 Total: \$12,708

TRANSPORTATION IMPROVEMENT PROGRAM

Financial Plan Update

Approval of Amendment No. 2 to the Fiscal Years 2018-2022 Transportation Improvement Program (TIP) will require financial constraint table from the Fiscal Years 2018-2022 TIP to be modified as follows:

GRAND ISLAND AREA METROPOLITAN PLANNING ORGANIZATION (GIAMPO)

TRANSPORTATION IMPROVEMENT PROGRAM

Fiscal Years 2018-2022

Financial Constraint Projects

(\$1,000's)

Federal Highway Administration	2018	2019	2020	2021	2022	Total
National Highway Performance Program (NHPP)	\$14,684	\$0	\$0	\$0	\$3,002	\$17,686
Highway Safety Improvement Program (HSIP)	\$1,290	\$406	\$0	\$1,119	\$0	\$2,815
Earmark (EM)	\$355	\$0	\$0	\$0	\$0	\$355
Nebraska Department of Roads (NDOR)	\$2,045	\$1	\$22,867	\$0	\$751	\$25,664
City of Grand Island	\$68	\$101	\$2,465	\$420	\$0	\$3,054
	\$18,442	\$508	\$25,332	\$1,539	\$3,753	\$49,574

Federal Transit Administration	2018	2019	2020	2021	2022	Total
Section 5307	\$434	\$355	\$0	\$0	\$0	\$789
Section 5311	\$19	\$0	\$0	\$0	\$0	\$19
Section 5339	\$104	\$0	\$0	\$0	\$0	\$104
Nebraska Department of Roads (NDOR)	\$6	\$0	\$0	\$0	\$0	\$6
City of Grand Island	\$343	\$252	\$0	\$0	\$0	\$595
Hall County	\$6	\$0	\$0	\$0	\$0	\$6
	\$912	\$607	\$0	\$0	\$0	\$1,519

NOTE: The financial table above illustrates the identified funding for the projects included in the tables for FY 2018-2022.

Technical Advisory Committee

Monday, November 20, 2017

Regular Session

Item H2

Approval Recommendation of Final Draft LRTP Amendment No. 3

Staff Contact: Allan Zafft, MPO Program Manager

ISSUE

VOTE: Amendment No. 3 to the Long Range Transportation Plan

BACKGROUND

In April 2016, the GIAMPO Policy Board approved the Journey 2040, the Grand Island metropolitan region’s Long Range Transportation Plan (LRTP). It is a blueprint that describes how the region will invest in its multimodal transportation system over the next 25 years. The GIAMPO amends the LRTP to accommodate changes to projects in the LRTP.

The proposed Amendment No. 3 to the LRTP adjusts the anticipated project costs for one (1) Nebraska Department of Transportation project and adjusts the fiscal constraint of the plan to include additional anticipated federal revenue.

- State ID 42674 – I-80 improvements from Platte River west of Grand Island to Phillips
 - Changes the project federal-aid amount from \$7.300 million to \$11.396 million and the project total estimate from \$8.144 million to \$12.708 million.

Amendment No. 3 requires modifications in Chapter 7 – Financial Plan and Chapter 9 – Recommended Plan of the LRTP.

POLICY CONSIDERATIONS/DISCUSSION

GIAMPO’s Public Participation Plan requires that proposed amendments to the LRTP be released for public review and comment prior to Policy Board adoption. The Public Participation Plan states the following for an amendment – “Notification of amendment to the TAC prior to posting the draft for public comment, with explanation of the need for the amendment.” The TAC was notified via email prior to public comment period for Amendment No. 3 to the LRTP with an explanation of the need for this amendment. The public comment period began on November 8, 2017 and will conclude on December 8, 2017.

BUDGET CONSIDERATIONS

None.

COMMITTEE ACTION

None.

RECOMMENDATION

Approve Amendment No. 3 to the Long Range Transportation Plan.

STAFF CONTACTS

Allan Zafft

Table 7-1: Total Available Roadway Funds (2016-2040)

Total Available Roadway Funds (\$1,000)				
Time Period	Federal	State	Local	Total Revenues
2016-2025	\$32,289	\$109,366	\$42,430	\$184,085
2026-2040	TBD ⁹	\$169,495	\$89,952	\$259,447
Total	\$32,289	\$278,861	\$132,382	\$443,532

Table 7-2 on the following page shows the amount of funding available for constructing new projects after the costs for personnel, operations, maintenance, reconstruction, and equipment, plus projects that have already been programmed, are subtracted. This funding balance is assumed to be available to construct new projects in the GIAMPO Area based upon a conservative forecast of future operations and maintenance costs and revenue generation. Assumptions relating to the forecasts and detailed tables are shown in Appendix C.

⁹ *To Be determined (TBD): Federal revenue estimates for NDOR projects in the GIAMPO planning area will be determined as the MPO's needs are assessed and funding targets are established. At this time, NDOR is still assessing the need for specific projects of regional significance in the Grand Island Area MPO planning area for the period of 2020-2040. NDOR has established revenue projections within the timeframe of the NDOR Surface Transportation Program Book, a six-year document that outlines NDOR's projects and future expenditures. NDOR recognizes an ongoing and long-term need to monitor, evaluate and upgrade the state highway and interstate highway system in the Grand Island Area MPO planning area as well as the State of Nebraska at large. NDOR will continue to monitor the existing conditions and proposed future changes to the state highway system with the continuing cooperation, coordination and assistance of GIAMPO and local partners. As future needs are identified with regard to infrastructure condition, safety, roadway capacity or transit service, NDOR will work to address these needs and include them through update or amendment in the GIAMPO Long Range Plan, TIP and the NDOR Surface Transportation Program Book and STIP as required by State and Federal regulation.*

Table 7-2: Funds Available for New Roadway Projects

New Roadway Project Revenue (\$1,000)			
Time Period	Federal	Local / State	Total Revenues
2016-2025	\$0	\$50,106	\$50,106
2026-2040	TBD ¹⁰	\$113,236	\$113,236
Total	\$0	\$163,342	\$163,342

Funding for transit service was also examined through the 2040 horizon year. Transit service in the GIAMPO area is expected to continue but will be subject to the availability of local matching funds. A detailed breakdown of transit funding sources, assumptions and year-to-year forecasts for available revenue is shown in Appendix C. It is assumed that Grand Island will provide service only up to the budget that is available through a combination of Federal Transit funding and local matching dollars. A summary of the available transit revenue is shown below in Table 7-3.

Table 7-3: Transit Revenue and Expenditures (2016-2040)

Transit Revenue/Expenditure (\$1,000)			
Time Period	Federal	Local / State	Total Revenue
2016-2025	\$5,762	\$2,839	\$8,602
2026-2040	\$11,193	\$5,765	\$16,958
Total	\$16,956	\$8,604	\$25,560

¹⁰ To Be determined (TBD): Federal revenue estimates for NDOR projects in the GIAMPO planning area will be determined as the MPO's needs are assessed and funding targets are established. At this time, NDOR is still assessing the need for specific projects of regional significance in the Grand Island Area MPO planning area for the period of 2020-2040. NDOR has established revenue projections within the timeframe of the NDOR Surface Transportation Program Book, a six-year document that outlines NDOR's projects and future expenditures. NDOR recognizes an ongoing and long-term need to monitor, evaluate and upgrade the state highway and interstate highway system in the Grand Island Area MPO planning area as well as the State of Nebraska at large. NDOR will continue to monitor the existing conditions and proposed future changes to the state highway system with the continuing cooperation, coordination and assistance of GIAMPO and local partners. As future needs are identified with regard to infrastructure condition, safety, roadway capacity or transit service, NDOR will work to address these needs and include them through update or amendment in the GIAMPO Long Range Plan, TIP and the NDOR Surface Transportation Program Book and STIP as required by State and Federal regulation.

Table 9-1: Total Available Roadway Revenue (2016-2040)

Total Available Roadway Funds (\$1,000)				
Time Period	Federal	State	Local	Total Revenues
2016-2025	\$32,289	\$109,366	\$42,430	\$184,085
2026-2040	TBD ¹⁴	\$169,495	\$89,952	\$259,447
Total	\$32,289	\$278,861	\$132,382	\$443,532

Committed Costs

Committed projects are defined to include those projects currently programmed or now under construction. The first step in identifying the amount of funds available for new construction was to subtract the cost of these projects from the estimated total revenues from 2016 through 2040. A number of major projects have been programmed for the Grand Island area. Many of the committed projects are being completed by NDOR utilizing federal funding from a number of sources. The specific construction year and funding by source can be found in the GIAMPO Transportation Improvement Program (TIP) 2016-2020 and 2018-2022.

Between 2016 and 2022, NDOR will complete a major reconstruction on I-80 in the GIAMPO study area, the reconstruction of U.S.-281 between U.S.-30 and Broadwell, and replacement of three bridges on U.S.-30. NDOR has also committed to construct a U.S.-30 west bypass from west of US-281 to near County Road 20 and then also install automated gates at I-80 interchanges. The total cost of these projects, shown in Table 9-2, is estimated at \$72 million.

¹⁴ To Be determined (TBD): Federal revenue estimates for NDOR projects in the GIAMPO planning area will be determined as the MPO's needs are assessed and funding targets are established. At this time, NDOR is still assessing the need for specific projects of regional significance in the Grand Island Area MPO planning area for the period of 2020-2040. NDOR has established revenue projections within the timeframe of the NDOR Surface Transportation Program Book, a six-year document that outlines NDOR's projects and future expenditures. NDOR recognizes an ongoing and long-term need to monitor, evaluate and upgrade the state highway and interstate highway system in the Grand Island Area MPO planning area as well as the State of Nebraska at large. NDOR will continue to monitor the existing conditions and proposed future changes to the state highway system with the continuing cooperation, coordination and assistance of GIAMPO and local partners. As future needs are identified with regard to infrastructure condition, safety, roadway capacity or transit service, NDOR will work to address these needs and include them through update or amendment in the GIAMPO Long Range Plan, TIP and the NDOR Surface Transportation Program Book and STIP as required by State and Federal regulation.

Table 9-2: Committed Project Cost

Committed Project Cost (\$1,000)				
Time Period	Federal	State	Local	Total Costs
2016-2025	\$32,289	\$33,556	\$5,925	\$71,770

Note: Project Costs have been inflated to Year of Expenditure by sponsoring jurisdictions at a 4 percent increase per year per US DOT recommendations.

Operation & Maintenance & Reconstruction Costs

The City of Grand Island and Hall County in the GIAMPO study area have an annual Operation and Maintenance budget to maintain the existing transportation infrastructure. It includes personnel, equipment, and materials cost of maintenance. It also includes funds for more extensive maintenance projects such as resurfacing, replacing curbs, signs, signal maintenance, and other similar activities.

NDOR contracts with the local governments to complete routine maintenance. Table 9-3 presents the combined local and state maintenance costs. Operation and Maintenance costs, also presented in Table 9-3, were projected for the next 25 years. These costs are shown on an annual basis in Appendix C. In addition, a general estimate of reconstruction costs for projects not yet determined was included in these cost estimates. The funds for operations, maintenance, and reconstruction are shown in Table 9-3. The inflation rate for the future year of expenditure is based upon past trends for each specific line item. These assumptions and rates are documented in Appendix C.

Table 9-3: Operation and Maintenance Budget

Operation & Maintenance Expenditures (\$1,000)	
Time Period	Local Operation & Maintenance
2016-2025	\$62,209
2026-2040	\$146,211
Total	\$208,420

Table 9-4 on the following page shows the remaining funds available after committed project costs, operations and maintenance costs are subtracted from the total revenues. In summary, the table shows anticipated revenues for available for programming new construction projects in the GIAMPO area for the remaining portion of the plan.

Table 9-4: Available Roadway Revenue

Available New Project Revenue (\$1,000)			
Time Period	Federal	Local / State	Total Revenue
2016-2025	\$0	\$50,106	\$50,106
2026-2040	TBD ¹⁵	\$113,236	\$113,236
Total	\$0	\$163,342	\$163,342

9.2 Project Priority Process

The projects were evaluated and prioritized based upon the funds and in what time period the project would be proposed. This process took three steps: project evaluation, public input, and MPO Technical Committee review.

Project Evaluation

Each of the proposed projects presented in the Long-Range Transportation Plan was evaluated based on the GIAMPO 2040 project goals and evaluation criteria presented in Chapter 3. Each criterion was transparent. Base factors and criteria were developed for each project goal. A composite score was calculated for each project based on the goal score multiplied by the goal weight, which was developed as part of the public involvement process. The priorities are discussed in Chapter 5, with detailed project scoring shown in the Appendices.

Public Input

Public input was sought on project priorities. As part of the second public meeting, participants scored a high, medium, or low prioritization to each project type. They also provided input on specific projects

¹⁵ To Be determined (TBD): Federal revenue estimates for NDOR projects in the GIAMPO planning area will be determined as the MPO's needs are assessed and funding targets are established. At this time, NDOR is still assessing the need for specific projects of regional significance in the Grand Island Area MPO planning area for the period of 2020-2040. NDOR has established revenue projections within the timeframe of the NDOR Surface Transportation Program Book, a six-year document that outlines NDOR's projects and future expenditures. NDOR recognizes an ongoing and long-term need to monitor, evaluate and upgrade the state highway and interstate highway system in the Grand Island Area MPO planning area as well as the State of Nebraska at large.

NDOR will continue to monitor the existing conditions and proposed future changes to the state highway system with the continuing cooperation, coordination and assistance of GIAMPO and local partners. As future needs are identified with regard to infrastructure condition, safety, roadway capacity or transit service, NDOR will work to address these needs and include them through update or amendment in the GIAMPO Long Range Plan, TIP and the NDOR Surface Transportation Program Book and STIP as required by State and Federal regulation.

Table 9-5: Fiscally Constrained Project Plan

Grand Island Area MPO Transportation Improvement Program FY 2016-2020 / FY 2018-2022										
State ID	Project Name	Project Description	A/Q Status	Length (SLM)	Total Project Est.	Phase	YOE	Fund Type	Fund Description	TIP Estimate by Phase Amount (\$1,000)
41704	US-281 West, Grand Island	4 lane divided roadway on new alignment US-30 from 1.4 mi west of Grand Island to 0.4 mi west of US-281, Begin Ramp - 308.64	Exempt	3.9 mi	\$29,681	PE	2016	City	Grand Island	\$153
						PE	2016	State	Build Nebraska	\$2,057
						ROW	2017	City	Grand Island	\$47
						ROW	2017	State	Build Nebraska	\$2,092
						Const/CE	2020	City	Grand Island	\$2,465
						Const/CE	2020	State	Build Nebraska	\$22,867
42674	Platte River - Phillips	Mill, concrete repair, resurface 4-lane dual roadway and shoulders, bridge repair I-80 from Platte River west of Grand Island to Phillips, Beginning RP - 310.88	Exempt	7.7 mi	\$12,708	PE	2017	State	NDOR	\$45
						ROW	2018	State	NDOR	\$1
						Const/CE	2018	NHPP	National Highway Performance Program	\$11,396
						Const/CE	2018	State	NDOR	\$1,267

State ID	Project Name	Project Description	A/Q Status	Length (SLM)	Total Project Est.	Phase	YOE	Fund Type	Fund Description	TIP Estimate by Phase Amount (\$1,000)
42690	In Grand Island & North	Resurf existing roadway & US-281/N-2 ramps, concrete repair, bridge repair, add subdrains US-281 from Old US-30 Viaduct over UPRR, North to 1.8 mi South of Howard County Line Beginning RP - 68.90	Exempt	9.6 mi	\$18,707	PE	2015	State	NDOR	\$779
						Const/CE	2017	City	Grand Island	\$3,126
						Const/CE	2017	NHPP	National Highway Performance Program	\$11,450
						Const/CE	2017	SFTY	Nation Safety Improve. Program	\$585
Const/CE	2017	State	NDOR	\$2,767						
42773	Grand Island - WACO	Deploy automated gate systems and CCTV Cameras Several I-80 interchanges in District 4	Exempt	0	\$1,537	PE	2016	State	NDOR	\$39
						Const/CE	2017	EM	Earmark	\$355
						Const/CE	2017	NHPP	National Highway Performance Program	\$949
						Const/CE	2017	State	NDOR	\$194
42776	In Grand Island Bridges	Bridge repair/overlay, sealing, approach slabs Three Bridges in Grand Island Beginning RP - 312.93	Exempt	0	\$2,924	Const/CE	2018	NHPP	National Highway Performance Program	\$2,339
						Const/CE	2018	State	NDOR	\$585

State ID	Project Name	Project Description	A/Q Status	Length (SLM)	Total Project Est.	Phase	YOE	Fund Type	Fund Description	TIP Estimate by Phase Amount (\$1,000)
42812	Grand Island - Stolley Park Reconfiguration	Reconfigure Stolley Park Road to 3,4 and 5 lane sections - FHWA Road Diet Initiative From Webb Road to S. Locust St	Exempt	2.04 mi	\$1,349	PE	2016	SFTY	Nation Safety Improve. Program	\$100
						PE	2016	Local	Grand Island	\$10
						Const./CE	2017	SFTY	Nation Safety Improve. Program	\$1,115
						Const./CE	2017	Local	Grand Island	\$124
42828	District 4 - Districtwide striping	Install durable pavement markings	Exempt	0	\$1,110	PE	2016	State	NDOR	\$1
						Const/CE	2016	State	NDOR	\$111
						Const/CE	2016	SFTY	Nation Safety Improve. Program	\$998
	Transit Needs Analysis	Feasibility Study to identify Transit Needs	Exempt		\$125		2016	FTA	Sec. 5307	\$100
							2016	Local	Grand Island	\$25
42787	Cairo - Grand Island	Resurfacing	Exempt	12.3 mi	\$3,754	PE	2019	State	NDOR	\$1
		N-2 from Cairo southeast to US-281 in Grand Island, Begin RP - 343.73				Const/CE	2022	NHPP	National Highway Performance Program	\$3,002
						Const/CE	2022	State	NDOR	\$751
Total									\$71,895	

Table 9-5: Fiscally Constrained Project Plan (Continued)

GIAMPO Project Listing 2021-2025								
Project ID	Project Name	Project Description	From	To	Jurisdiction	Total Cost (\$1,000) Current Year	Total Cost (\$1,000) Future Year	Available Fiscal Constrained (\$1,000)
2016 - 2025								\$50,106
	Intersection Improvements	Improvements at various intersections	Various	Various	Grand Island	\$3,500	\$4,606	\$45,500
B-3a	Stuhr Road	Widen to 3 lanes	US-30	BNSF RR	Grand Island	\$9,656	\$12,707	\$32,793
B-2a	Old Potash Highway	Widen to 5 lanes	Claude Road	Webb Road	Grand Island	\$4,307	\$5,668	\$27,125
B-8	Husker Highway	Widen to 3 lanes	US-281	North Road	Grand Island	\$4,947	\$6,510	\$20,615
B-7	Stolley Park Road	Widen to 3 lanes	Fair Ground Entrance	Stuhr Road	Grand Island	\$2,183	\$2,872	\$17,743
B-1a	Capital Avenue	Widen to 5 lanes	Broadwell Avenue	BNSF RR/Oak Street	Grand Island	\$3,438	\$4,524	\$13,219
B-6	13th Street	Widen to 3 lanes	West of US-281	Independence Avenue	Grand Island	\$4,193	\$5,517	\$7,702
Total 2021-2025						\$32,224	\$42,404	\$7,702

Table 9-5 Fiscally Constrained Project Plan continued

GIAMPO Project Listing 2026-2040								
Project ID	Project Name	Project Description	From	To	Jurisdiction	Total Cost (\$1,000) Current Year	Total Cost (\$1,000) Future Year	Available Fiscal Constrained (\$1,000)
2026-2040								\$120,938*
B-4	North Road	Widen to 3 lanes	Highway 2	Old Potash Highway	Grand Island	\$11,081	\$14,582	\$106,356
	Intersection Improvements	Improvements at various intersections	Various	Various	Grand Island	\$3,764	\$7,332	\$99,024
2	Stuhr Bridges over BNSF and UPRR	Engineering			Grand Island	\$2,048	\$3,989	\$95,035
B-3b	Stuhr Road	Widen to 3 lanes	BNSF RR	US-34	Grand Island	\$9,656	\$18,809	\$76,226
B-1b	Capital Avenue	Widen to 3 lanes	BNSF RR/Oak Street	St Paul Road	Grand Island	\$1,781	\$3,470	\$72,756
B-1c	Capital Avenue	Widen to 3 lanes	Dairy Queen	Engleman Road	Grand Island	\$5,700	\$11,103	\$61,653
B-2b	Old Potash Highway	Widen to 3 lanes	Engleman Road	Claude Road	Grand Island	\$5,269	\$10,264	\$51,389
B-5	Swift Road	New 2-lane road	Talc Road	Shady Bend Road	Grand Island	\$3,150	\$6,136	\$45,253
4	Broadwell over UPRR and Broadwell Extension	Broadwell Avenue Widening (5-lane)	Faidley Avenue	Third Street	Grand Island	\$3,900	\$7,597	\$37,656
5		Broadwell UPRR bridge				\$13,000	\$25,323	\$12,333
6		Broadwell Extension (3-lane)	Anna Street	Adams Street		\$4,900	\$9,545	\$2,788
Total 2026-2040						\$53,768	\$104,735	\$2,788

*Note: includes \$7,702 of FY2016-2025 carryover plus forecast \$113,236.

Table 9-6: Illustrative Project Plan

GIAMPO Illustrative Projects								
Project ID	Project Name	Project Description	From	To	Jurisdiction	Total Cost (\$1,000) Current Year	Total Cost (\$1,000) Future Year	Available Fiscal Constrained (\$1,000)
Illustrative Project 2040+								\$2,788
11	13th St. – 10th St. Connector	Reconstruct	W 13th Street	10th Street	Grand Island	\$600	\$992	
7	North Road and UPRR Bridge	Widen to 3 lanes; new 2-lane bridge	Old Potash Hwy	Husker Hwy	Grand Island	\$16,200	\$26,776	
9	Broadwell over BNSF	Widen to 5 lanes	Capital Avenue	Airport Road	Grand Island	\$14,300	\$23,636	
		Realign Old Highway 2 to connect Custer Avenue;						
		New 4-lane bridge						
3	Eddy Street Extension	New 2-lane Road	Phoenix Avenue	Locust Street	Grand Island	\$3,300	\$5,454	
12	Alda Road and UPRR Bridge	New 2-lane bridge	Apollo Street	Hwy 30	Grand Island	\$11,300	\$18,677	
15	East Bypass (5-lanes)	5-lane Stolley Park Road *	Locust Street	Stuhr Road	Grand Island	\$2,500	\$4,132	
		5-Lane Stuhr Road / Sky Park Road *	US-34	Capital Avenue		\$11,875	\$19,628	
		5-lane Husker Hwy	US-281	Stuhr Road		\$18,750	\$30,991	
		5-lane Captial Avenue	BNSF RR/Oak Street	Sky Park Road		\$20,375	\$33,677	
16	East Bypass US-281 to I-80	4-lane Expressway	I-80	US 281	Grand Island	\$78,750	\$130,162	
2	Stuhr Road bridge over UPRR	New 4-lane bridges	Highway 30	4th Street	Grand Island	\$15,952	\$26,366	
	Stuhr Road bridge over BNSF	New 4-lane bridge			Grand Island	\$11,000	\$18,181	

*expand 3-lane to 5-lane

Technical Advisory Committee

Monday, November 20, 2017

Regular Session

Item J1

Bike/Ped Master Plan

Staff Contact: Chad Nabity, Regional Planning Director

Technical Advisory Committee

Monday, November 20, 2017

Regular Session

Item J2

Other Business

Staff Contact: Chad Nabity, Regional Planning Director