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# **Technical Advisory Committee**

**Monday, April 10, 2023**

**Regular Session**

## **Item H3**

### **Approval Recommendation of Final Draft Long Range Transportation Plan Amendment No. 5**

Staff Contact: Allan Zafft, MPO Program Manager

**TAC Agenda Report**  
April 10, 2023

**Agenda Item No. H3**

**ISSUE**

VOTE: Draft Amendment No. 5 to the 2045 Long Range Transportation Plan

**BACKGROUND**

In February 2021, the GIAMPO Policy Board approved the Grand Island metropolitan region's 2045 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 Transportation Improvement Program (TIP).

The proposed Amendment No. 5 to the 2045 LRTP makes the below project changes.

- State ID: 41704, Project #: S-30-4(1046), Project Name: US-281 West, Grand Island
  - Change the project total estimate from \$31,966,000 to \$45,699,000
- State ID: 42920, Project #: NH-80-6(118), Project Name: Platte River - Phillips
  - Change the project total estimate from \$180,000 to \$176,000
- State ID: 42929, Project #: NH-30-5(139), Project Name: Chapman West
  - Change the project total estimate from \$4,566,000 to \$5,672,000 and the project description from "US-30 mill and asphalt resurfacing from the Merrick Co Line to Chapman. RP 319.02 – RP 327.05" to "US-30 resurfacing and lighting from the Merrick Co Line to Chapman. RP 319.02 – RP 327.06"
- State ID: 42944, Project #: NH-34-4(136), Project Name: Doniphan - I-80
  - Change the project total estimate from \$3,931,000 to \$6,971,000
- Grand Island, Project Name: Locust Street Improvements
  - Change the location of the project description from "1st Street to Fonner Park Road" to "2nd Street to Fonner Park Road".
- State ID: 42918, Project #: NH-2-4(114), Project Name: Grand Island West
  - Add a new project with a project total estimate of \$1,086,000
- State ID: 42988, Project #: HSIP-80-6(125), Project Name: Alda - Giltner
  - Add a new project with a project total estimate of \$7,250,000
- State ID: 42948, Project #: NH-30-4(164), Project Name: US-30 in Grand Island
  - Add a new project with a project total estimate of \$12,410,000

Amendment No. 5 requires modifications to Table 9-1 (Committed Roadway Projects), Table 9-3 (Fiscally Constrained Roadway Projects), and the Committed Projects section on page 9-1 in Chapter 9 – Fiscally Constrained Plan of the 2045 LRTP. Enclosed is the amendment with the changes to Table 9-1, Table 9-3, and page 9-1.

**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.

**BUDGET CONSIDERATIONS**

None.

**COMMITTEE ACTION**

None.

**RECOMMENDATION**

Approve Draft Amendment No. 5 to the 2045 Long Range Transportation Plan and release it for public review and comment.

**STAFF CONTACT**

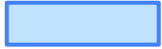
Allan Zafft

# "DRAFT" Amendment No. 5 to the 2045 LRTP

Table 9-1: Committed Roadway Projects

PROJECT NUMBER	PROJECT DESCRIPTION	COST (YOE \$)
<b>S-30-4(1046)</b>	US-30 West, 4-lane divided roadway on new alignment	\$45,699,000
<b>NH-30-4(162)</b>	Bridge rehabilitation on 3 bridges on US-30 in Grand Island	\$5,490,000
<b>NH-2-4(112)</b>	Highway 2 resurfacing from Cairo to US-281 in Grand Island	\$15,668,000
<b>NH-34-4(134)</b>	US-34 resurfacing from 2.2 miles south of Grand Island to US-281	\$5,506,000
<b>MISC-40(65)</b>	District 4 Wetland Bank survey, design, and construction	\$1,128,000
<b>ELEC-80-6(1047)</b>	West Grand Island Interchange build new lighting towers, install cable and control boxes	\$1,045,000
<b>HSIP-80-7(170)</b>	Grand Island Area Bridges add High Friction Surface Treatment to bridges and horizontal curves on I-80	\$1,770,000
<b>HSIP-5409(3)</b>	5-Points Intersection Improvements-roundabout	\$3,420,000
	Capital Avenue from North Road to Moore's Creek	\$2,375,000
	North Road from Old Potash Highway to US-30	\$2,821,000
	Old Potash Highway Improvements, widen and extend Claude Road	\$17,930,000
	Broadwell and UPPR Planning & Environmental Linkage Study	\$412,000
	North Road Improvements from Highway 2 to Capital Avenue	\$4,188,000
	North Road Improvements from Capital Avenue to 13th Street	\$6,724,000
	North Road Improvements from 13th Street to Old Potash Highway	\$6,158,000
<b>NH-80-6(118)</b>	I-80 crack seal in Hall and Hamilton counties from mile marker 310.88 to 318.58	\$176,000
<b>STP-34-4(135)</b>	US-34 resurfacing and grading in Hall county from mile marker 233.32 to 237.88	\$2,668,000
<b>NH-80-6(119)</b>	I-80 crack seal from approx 0.9 mi W. N-11 grade sep to Platte River at GI. RP 299.50 – RP 310.88	\$283,000
<b>NH-30-5(139)</b>	US-30 resurfacing and lighting from the Merrick Co Line to Chapman. RP 319.02 – RP 327.06	\$5,672,000
<b>NH-34-4(136)</b>	US-34 resurfacing from Doniphan to I-80. RP 222.87 – RP 226.23	\$6,971,000
	Locust Street Improvements (Locust St./Walnut St.) from 2nd Street to Fonner Park Road	\$6,783,000
<b>NH-2-4(114)</b>	N-2 and Engleman Rd. - intersection improvements and Silver Creek Bridge (east of this intersection) - bridge replacement. Begin RP – 354.2	\$1,086,000
<b>HSIP-80-6(125)</b>	I-80 cable median barrier from Alda to Giltner. RP 307.81 - RP 322.19	\$7,250,000
<b>NH-30-4(164)</b>	US-30 urban (construction of curbed roadway in urban area and may include grading, structure, and incidental work) in Grand Island. RP 314.90 - RP 315.85	\$12,410,000

Notes:



New Project



Project Revision

**Amendment Description:**

Project #: S-30-4(1046) - Change the project total estimate from \$31,966,000 to \$45,699,000

Project #: NH-80-6(118) - Change the project total estimate from \$180,000 to \$176,000

Project #: NH-30-5(139) - Change the project total estimate from \$4,566,000 to \$5,672,000 and the project description from "US-30 mill and asphalt resurfacing from the Merrick Co Line to Chapman. RP 319.02 – RP 327.05" to "US-30 resurfacing and lighting from the Merrick Co Line to Chapman. RP 319.02 – RP 327.06"

Project #: NH-34-4(136) - Change the project total estimate from \$3,931,000 to \$6,971,000

Grand Island, Project Name: Locust Street Improvements - Change the location of the project description from "1st Street to Fonner Park Road" to "2nd Street to Fonner Park Road". This change will update the project description of Project ID 9 in Table 9-3 of the 2045 LRTP. Enclosed is an updated version of Table 9-3 with the applicable change shown in red.

Project #: NH-2-4(114) - Add a new project

Project #: HSIP-80-6(125) - Add a new project

Project #: NH-30-4(164) - Add a new project

The above project changes for either a new project or project revision result in updates to the Committed Projects section on page 9-1 of the 2045 LRTP. Enclosed is an updated version of page 9-1 with the applicable changes shown in red.



**Table 9-3: Fiscally Constrained Roadway Projects**

TIME FRAME	PROJECT ID	PROJECT DESCRIPTION	IMPROVEMENT TYPE	COST (2020 \$)	COST (YOE \$)	POTENTIAL LOCAL SHARE	POTENTIAL FUNDING SOURCES	POTENTIAL SPONSOR(S)
<b>Short-Term (2026-2030)</b>	4	Claude Rd, Faidley to State	New Corridor	\$5,950,000	\$8,140,000	\$8,140,000	Developer / Local	City of Grand Island
	7	Broadwell Ave at UP railroad	Grade Separation	\$25,000,000	\$34,210,000	\$3,421,000	Local / Other / SFTY	City of Grand Island
	9	Locust St/Walnut St, 2nd to Fonner Park	Reconstruction and Intersection Improvement	\$6,620,000	\$9,060,000	\$9,060,000	City	City of Grand Island
	10	State St west of US 281	Access Management	\$750,000	\$1,030,000	\$206,000	HSIP / City	City of Grand Island
	11	13th St west of US 281	Access Management	\$760,000	\$1,040,000	\$208,000	HSIP / City	City of Grand Island
	12	Faidley Ave west of US 281	Access Management	\$760,000	\$1,040,000	\$208,000	HSIP / City	City of Grand Island
<b>Mid-Term (2031-2037)</b>	16a	Capital Ave, Broadwell to St Paul	Widen	\$5,150,000	\$8,920,000	\$8,920,000	City	City of Grand Island
	22	State St, Lafayette to Broadwell	Widen	\$1,400,000	\$1,920,000	\$960,000	HSIP / City	City of Grand Island
<b>Long-Term (2038-2045)</b>	2	13th St, North Ave to Independence Ave	Widen	\$3,850,000	\$8,950,000	\$8,950,000	City	City of Grand Island
	25	Old Potash, Engelman to North	Widen	\$5,000,000	\$11,620,000	\$11,620,000	City	City of Grand Island
	27	Stolley Park Road widening to 3 lanes between Kingswood Dr and Stuhr Rd	Widen	\$3,000,000	\$6,970,000	\$6,970,000	City	City of Grand Island





## Chapter 9 Fiscally Constrained Plan

LRTPs are required to be fiscally constrained, meaning the MPO should demonstrate that the plan’s project costs can be reasonably funded by future transportation revenues. For the GIAMPO 2045 LRTP, this was accomplished by developing future budgets based on the funding analysis documented in **Chapter 7**.

### 2021-2045 Fiscally Constrained Plan

The projects selected for the Fiscally Constrained Plan were chosen based on their scoring results from the alternatives development process described in **Chapter 8** as well as how their costs fit with anticipated future transportation revenue levels. Some of the high scoring projects that could not fit within the funding projections of the Fiscally Constrained Plan have been identified as High Priority Vision Projects. These projects are considered as regional priorities that will be the first projects implemented should the required funding levels become available in the future.

Fiscally Constrained projects are grouped by time band and include two costs—2020 dollars and Year-of-Expenditure (YOE) dollars. The YOE costs were projected using the mid-point year of each time band and applying a 4% annual cost inflation factor to the 2020 project cost. Additional project information shown in the table is potential funding source and potential project sponsor.

### Committed Projects

GIAMPO’s TIPs spans the years 2021-2028 regarding the 2045 LRTP. All transportation projects programmed in these TIP documents are considered committed for the purposes of fiscal constraint. All projects in the fiscally constrained plan are considered candidates for implementation beyond the current TIP period, beginning in 2026. **Table 9-1** shows the projects included in GIAMPO’s TIPs 2021-2025, 2022-2026, 2023-2027, and 2024-2028.



CHAPTER 1



CHAPTER 2



CHAPTER 3



CHAPTER 4



CHAPTER 5



CHAPTER 6



CHAPTER 7



CHAPTER 8



CHAPTER 9



CHAPTER 10



CHAPTER 11