



Greater Buffalo Niagara Regional Transportation Council
438 Main St, Suite 503 | Buffalo, NY 14202 | 716-856-2026 | www.gbnrtc.org

Transportation Projects Subcommittee (TPS) Meeting

Wednesday, January 18, 2023 9:00 AM

Agenda

1. Approval of November 16, 2022 TPS Meeting Summary (December Meeting Cancelled)
 2. 2023-2027 TIP – Action Requests/Discussions
 - a. PIN 5762.69 Cheektowaga PSAP – Transfer Funds Between Phases (*Misc/NYS DOT*)
 - b. PIN 5051.15 N Grand Island Bridge Underpass OHVD Systems – Cost Increase (*NYS DOT*)
 - c. PIN 5763.34 Bridge Replacements of North French Rd (CR 299)/Gott Creek; BIN 3326760 & County Rd (CR 282)/Beeman Creek; BIN 3326680 – Advance Let FFY (*Erie County*)
 - d. PIN 5825.53 Purchase 10 Diesel Buses – Advance Project (*NFTA*)
 3. Old Business
 - a. 2023-2027 TIP Document Distribution
 - b. BRIDGE NY Update
 - c. Public Notice Status
 - d. MTP Update – Fiscally Constrained Project Listing
 4. New Business
 - a. Bridge Investment Program – 2022 Large Bridge Grant Awards
 - b. RPPM Change Report (*Staff*)
 5. Next Meeting – Wednesday February 15, 2023, 9:00 AM
-

Transportation Projects Subcommittee

January 18, 2023



1. Approval of 11-16-22 Minutes

2. Action Items

a. PIN 5762.69 Cheektowaga PSAP

- NYSDOT has requested a change to this existing MISC project for the Town of Cheektowaga.
 - This is a TPS action because the Design phase was obligated previously under last STIP (not transferred to the current STIP). A Design phase needs to be added back to the project to receive any additional funds
 - \$31K will be moved from Construction phase to Final Design phase
 - \$31K will be moved from Construction phase to Construction Inspection phase
- Total project cost is unchanged - fiscal constraint is maintained
- Today's TPS action would be to approve as AdMod #3

b. PIN 5051.15 N GRAND ISLAND BRIDGE UNDERPASS OHVD SYSTEMS

- This is a NYSDOT request to modify an existing project
- Increased funding is needed to cover additional construction cost required by a more extensive OHVD design.
 - The Construction phase will be increased by \$0.570M
 - The Construction Inspection phase will be increased by \$0.064M
- Fiscal constraint is maintained as all (\$0.634M) additional funds are 100% state (SDF)
- Today's TPS action would be to recommend this change to PCC for approval as AdMod #6 (over \$500K)

c. PIN 5763.34 Bridge Replacements of North French Rd (CR 299)/Gott Creek; BIN 3326760 & County Rd (CR 282)/Beeman Creek; BIN 3326680;

- This is an Erie County request to modify an existing project
- The Let Date of the Construction and Construction Inspection phases will be advanced from 11/23 (FFY 24) to 2/23 (FFY 23)
- Fiscal constraint is maintained as funding totals and sources are unchanged
- Today's TPS action would be to approve as AdMod #7

d. PIN 5825.53 Purchase of 10 Diesel Buses

- This is an NFTA request to modify an existing project
- The Let Date will be advanced from 10/23 (FFY 24) to 9/23 (FFY 23)
- Fiscal constraint is maintained as project cost (\$4.324M) and funding source (FTA 5307) are unchanged
- Today's TPS action would be to approve as AdMod #8

3. Old Business

a. 2023-2027 TIP Development Update

- FTA/FHWA approval complete
- TIP/STIP is live
- The eSTIP software has been updated and is now live and available for use
- Project funding authorizations are now proceeding as needed
- SLA process continues
- FTA/FHWA has requested that NYSDOT provide additional descriptive material on a number of TIP/STIP projects (due by March 30)

2023 – 2027 TIP Development Schedule

<i>Activity</i>	<i>Sub-Activity/Milestone</i>	<i>Date</i>
Project Development and Review	Call for new projects	<i>April 21 to May 22</i>
	Review current system conditions	
	Review FFY 23-24 projects and candidates from last TIP cycle	
	Complete and prioritize agency project candidate forms	
	Project proposal summary distributed to members to review	
	Agency Project proposal presentations at TPS	
	Project (with MTP linkage) evaluation completed	
	Receive TIP Guidance and Funding targets from NYSDOT MO	
Fiscal Constraint and Air Quality Conformity	Develop draft fiscally constrained project listing	<i>May 22 to July 22</i>
	TPS meeting(s) to discuss draft project list	
	Develop final project listing	
	Propose suggested air quality conformity exemption codes to ICG	
	TPS recommends final project list to PCC	
	Begin entering projects into eSTIP	
	Complete draft air quality conformity determination document	
	PCC approval of draft fiscally constrained project list	
Public Review and Agency Consultation	Complete fiscal constraint tables per FHWA/FTA requirements	<i>July to August 22</i>
	Initiate AQ conformity determination 30-day public review	
	Initiate Draft TIP 30-day Public Review	
	FHWA, FTA and NYSDOT MO review	
	Conduct TIP Public Meeting	
	Interagency consultation	
	Respond to all comments	
	Final document assembled and completed	
TIP/STIP Approval	PCC recommends TIP and conformity doc to Policy Committee	<i>August 22 to Nov 22</i>
	Policy Committee approves conformity doc and TIP	
	Final document printed and posted to Internet	
	TIP incorporated into STIP	
	STIP goes out for public review	
	NYSDOT Main Office STIP approval	
	FHWA and FTA approval	
Final document distributed to members and posted online		

b. BRIDGE NY Update

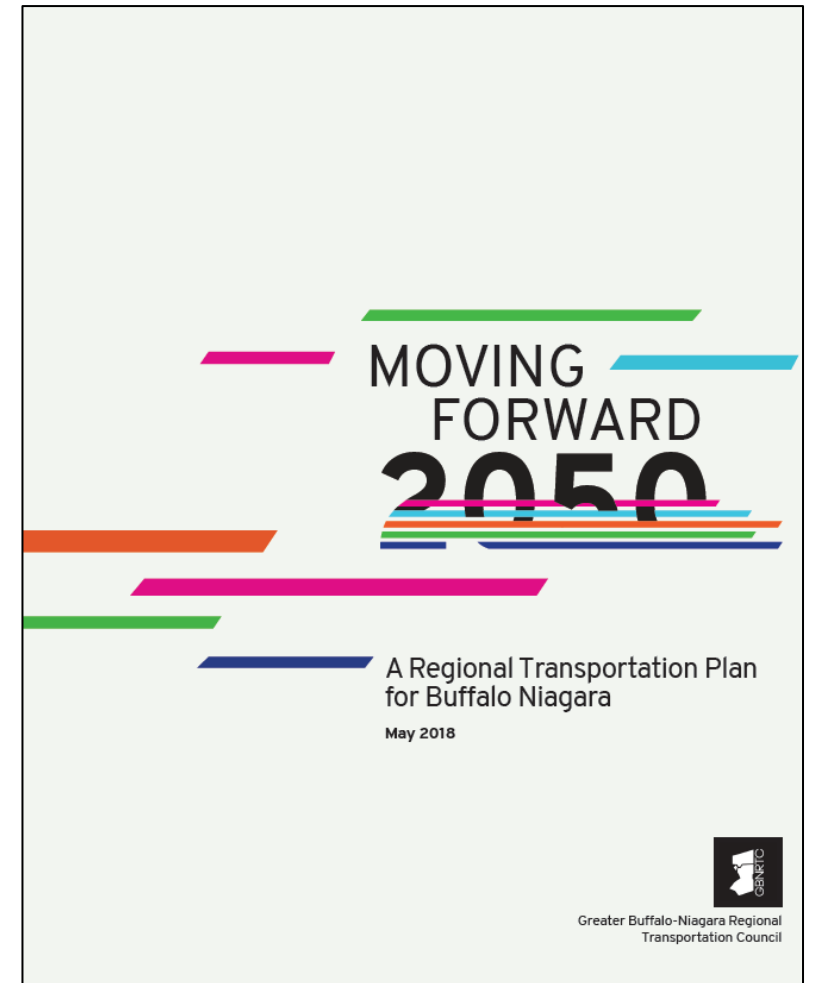
- MPO held webinar on December 15
- Culvert application deadline was Friday 1/13/23
 - NYSDOT received approximately 45 culvert applications
 - 13 from Erie County municipalities
 - 9 from Niagara County municipalities
- Bridge application is due Friday 1/20/23
- Bridge review process
 - Two-step review process
 1. Data Driven Initial Ranking using Local Bridge Priority Index Database
 2. Unique and qualitative factors
 - MPO review teams will be comprised of regional NYSDOT planning and structures staff and representatives from the Town and County Highway Superintendents Associations
 - Bridge project review/selection deadline: April 1, 2023

c. Public Notice Status

- Four new projects were proposed by NFTA:
 1. PIN 5825.94 – Purchase of 40-foot Battery Electric Buses
 2. PIN 5825.95 - Cold Spring Garage Electric Bus Infrastructure
 3. PIN 5825.96 - DL&W Station Access Improvements – Riverwalk
 4. PIN 5825.97 - DL&W Station Access Improvements - Key Bank Center Facilities
- On 1/12/23, The Interagency Consultation Group for air quality conformity (ICG) concurred that the projects are exempt for the purposes of transportation conformity as proposed
- Public review will continue until COB on 2/3/23
 - No comments have been received at this time
- PCC will be asked to conditionally approve these new projects at their 2/1/23 meeting.

d. Update of GBNRTC's Metropolitan Transportation Plan

- *Moving Forward* is dated May 2018; updated MTP must therefore be approved by Policy Committee no later than May 2023 (statutory 5-year max)
- Some big contextual changes since 2018:
 - COVID
 - Work-from-home, “e-tailing”, etc.
 - Census 2020
 - Cost inflation
 - IJJA: New programmatic and discretionary funding streams



MTP-2023 Upcoming Activities

- Presentation/Discussion with TPS (Draft Constrained Plan): **Today (January 18th)**
- Demographics Refresh and Constrained Project Listing Complete: **January 31st**
- Prepare Draft Document: **February 1st – March 31st**
- Consult Interagency Consultation Group: **February 1st - March 31st**
 - Project list submitted to ICG: **March 15th** at the latest (and returned by ICG on/about **March 22nd**)
- Present at PCC: **April 5th**
- Initiate Public Comment Period (30 days)/Agency Consultation: **April 5th – May 5th**
- Public Meetings (Hybrid): **April 12th**
- Policy Final Plan Approval: **May 11th**

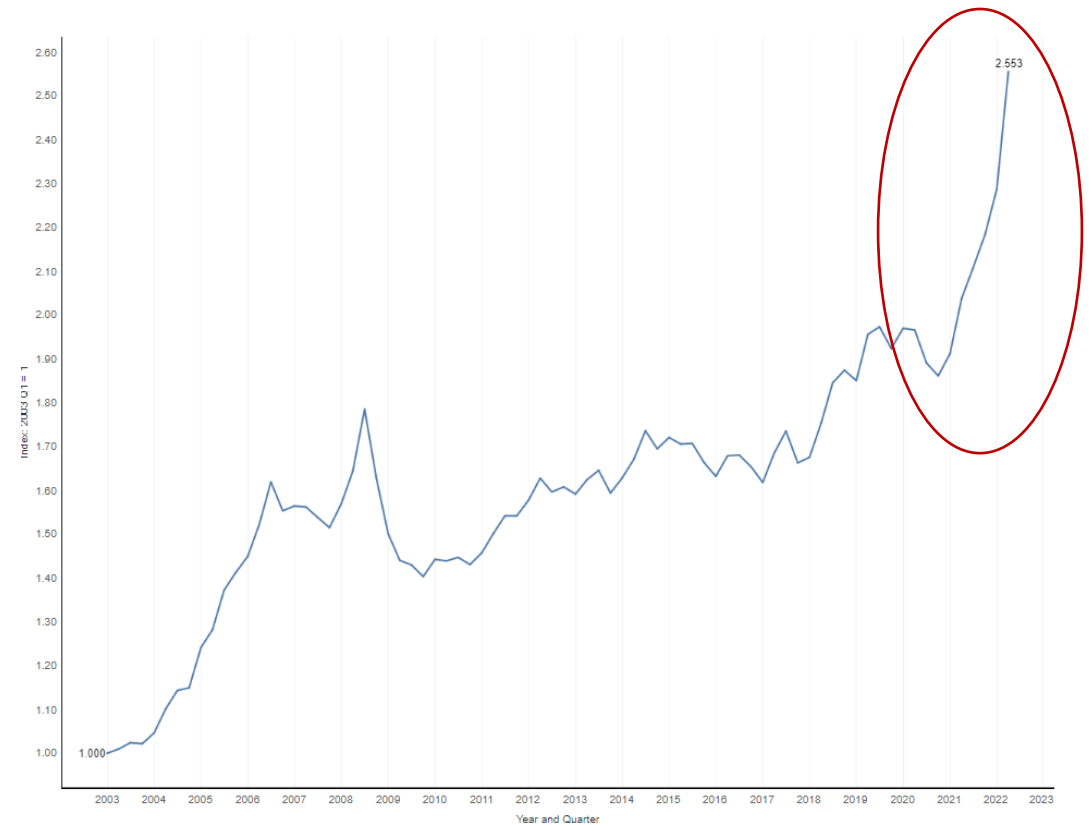
Update of GBNRTC's Metropolitan Transportation Plan

- Today's discussion focuses on the "Fiscally Constrained Project Listing", which is at the core of an MTP
- Funding environment: USDOT has advised to NOT incorporate IJJA's discretionary funding programs into revenue projections; and instead include projects that may be funded in this way in "Illustrative Projects" listing
- However, GBNRTC's preliminary analysis of changes from IJJA indicates funds available for system-enhancement projects are likely to be substantially larger than as forecast in 2018
- New (2023) MTP's horizon year will remain 2050

Cost Inflation

- Years 2018-2023 have experienced higher construction cost inflation than the average 2.5% rate projected in MTP-2018
- Projection was construction costs would increase by 13% (Q2 2018 Q2 → Q2 2023); actual including assumption for early 2023 has been 60% per USDOT (a difference of $1.60/1.13=1.42 \rightarrow 42\%$)
- Based on review of assumptions being made by peer MPOs, GBNRTC proposes to maintain MTP-2018's assumption of FUTURE (2023→2050) cost inflation at 2.5%/yr
- However, GBNRTC proposes to uplift cost estimates developed in 2018 for future projects by the 42% noted above

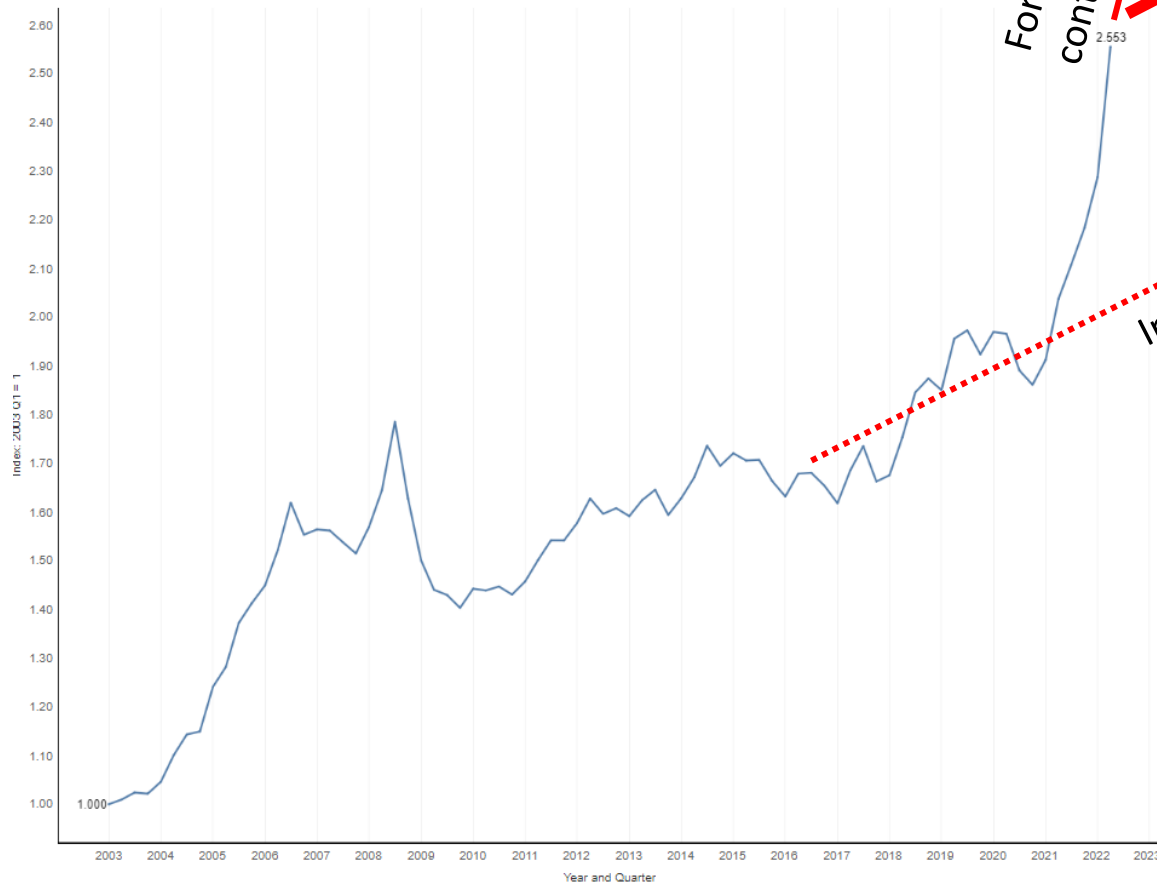
USDOT's National Highway Construction Cost Index (NHCCI)



Source: <https://www.fhwa.dot.gov/policy/otps/nhcci/>

Cost Inflation (arrows are conceptual)

USDOT's National Highway Construction Cost Index (NHCCI)



For comparison: Assumption of continuing elevated cost inflation

Proposed inflation assumption for use in 2023 MTP

Inflation assumption made in 2018 MTP

Project Listing

- GBNRTC staff has reviewed MTP-2018's Project Listing and prepared recommendations to review today with the TPS Committee
- Next three slides present big-picture of GBNRTC's staff analysis of overall funding availability

Fiscal Constraint

- MTP-2018 specified:
 - \$10.2B total funds available
 - 66% (\$6.8B) for highway/bridge/transit maintenance
 - 34% (\$3.5B) for projects in Fiscally Constrained Listing
 - “Illustrative” Listing of additional (unfunded) projects, and also a third category of “External Opportunities” (additional unfunded projects that require “help of partners in the region and beyond”)

Fiscal Constraint

- Initial analysis for MTP-2023:
 - Based on review of fiscal environment incorporating 2021's federal infrastructure law (IIJA), GBNRTC staff projects that:
 - \$21.3B total funds available during years 2023→2050
 - After accounting for unanticipated 2018→2023 construction cost inflation, GBNRTC staff projects that:
 - \$9.6B to be allocated for highway/bridge/transit maintenance
 - \$7.1B allocated for projects (carry over and recommended)
 - Note that IIJA provides large step-increase in funds programmed for system enhancement rather than preservation
 - For the draft listing of Fiscally Constrained Projects, GBNRTC staff projects that:
 - \$4.6B to be allocated for new projects in draft Fiscally Constrained Listing

Fiscal Constraint

- Summarizing, based on GBNRTC staff analysis:
 - \$21.3B of available funds, 2023→2050
 - \$16.7B accounted for by \$9.6B for maintenance + \$7.1B for projects
- This leaves \$21.3B - \$16.7B ≈ \$4.6B yet to be allocated
- GBNRTC would like to request TPS Committee members' input on options for programming this funding:
 1. Allocate to system preservation (but focus of IJA is system enhancement): would increase this category by 60%
 2. Allocate to projects already in draft Fiscally-Constrained Project Listing (e.g. more SEMA and Complete Streets corridors, etc.): would increase this category by 110% (i.e. more than doubling)
 3. Include additional projects (new) in Fiscally-Constrained Listing
 4. Hybrid approach incorporating parts of the three options above

4. New Business

a. Bridge Investment Program – 2022 Large Bridge Grant Awards

- The Bipartisan Infrastructure Law (BIL*) established a new program, the Bridge Investment Program (BIP) under 23 U.S.C. 124
- The BIP is a competitive, discretionary program that focuses on existing bridges to reduce the overall number of bridges in poor condition, or in fair condition at risk of falling into poor condition.
- Three funding categories included
 1. Planning Grants
 - No maximum or minimum award size
 2. Large Bridge Projects
 - Total project costs of greater than \$100 million
 3. Bridge Projects (Other than Large)
 - Total project costs cannot exceed \$100 million

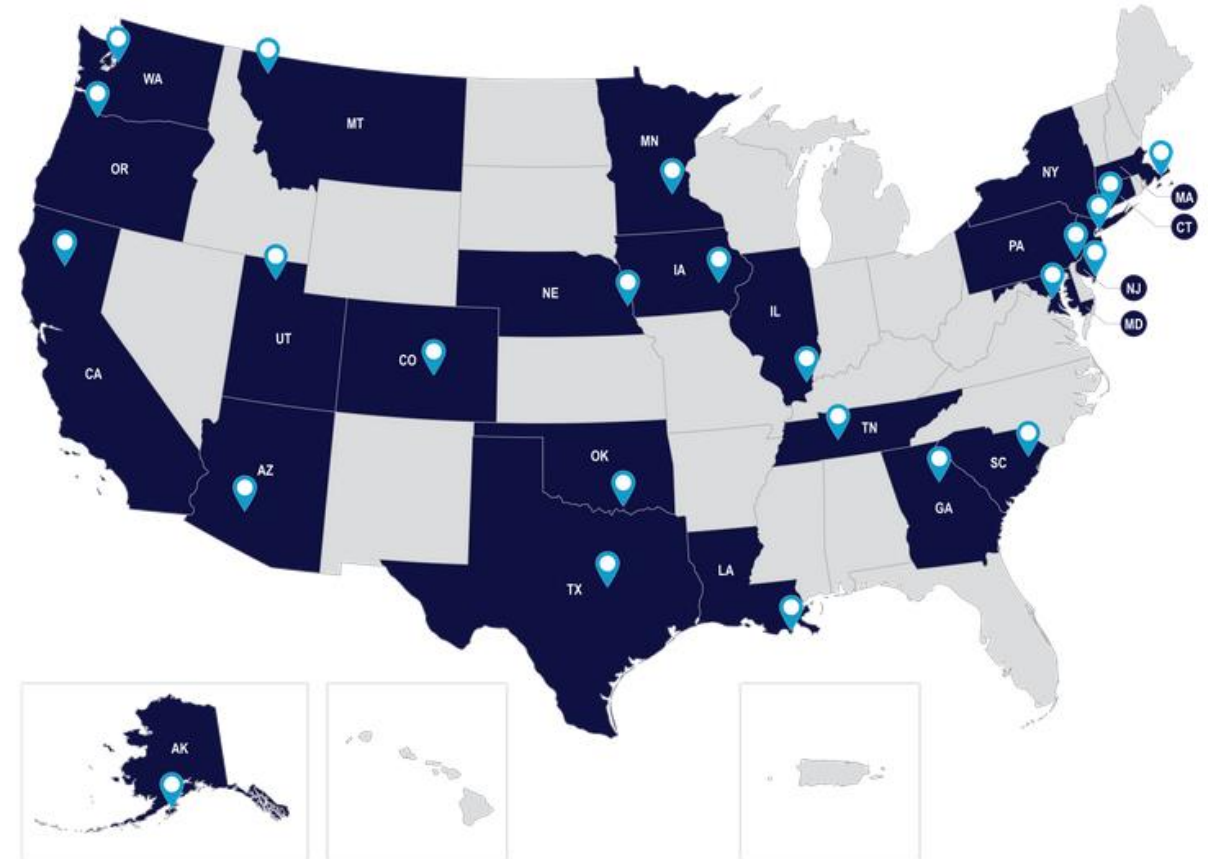
a. Bridge Investment Program – 2022 Planning Grant Awards

- \$20M awarded to 24 projects
- The City of New York will receive \$1.6 million for planning and development of a 30-year capital construction program for four iconic East River Bridges: Brooklyn Bridge, Manhattan Bridge, Williamsburg Bridge and Ed Koch Queensboro Bridge.

2022 Planning Grant Award Recipients

Planning grants announced to date under the Bridge Investment Program will provide \$20 million in funding for 24 projects in 24 states. These grants will be used to create a pipeline of future bridge construction projects to improve safety, support economic competitiveness, and to provide resilient highway infrastructure that is better able to withstand the effects of climate change.

[View fact sheets about the 24 projects.](#)

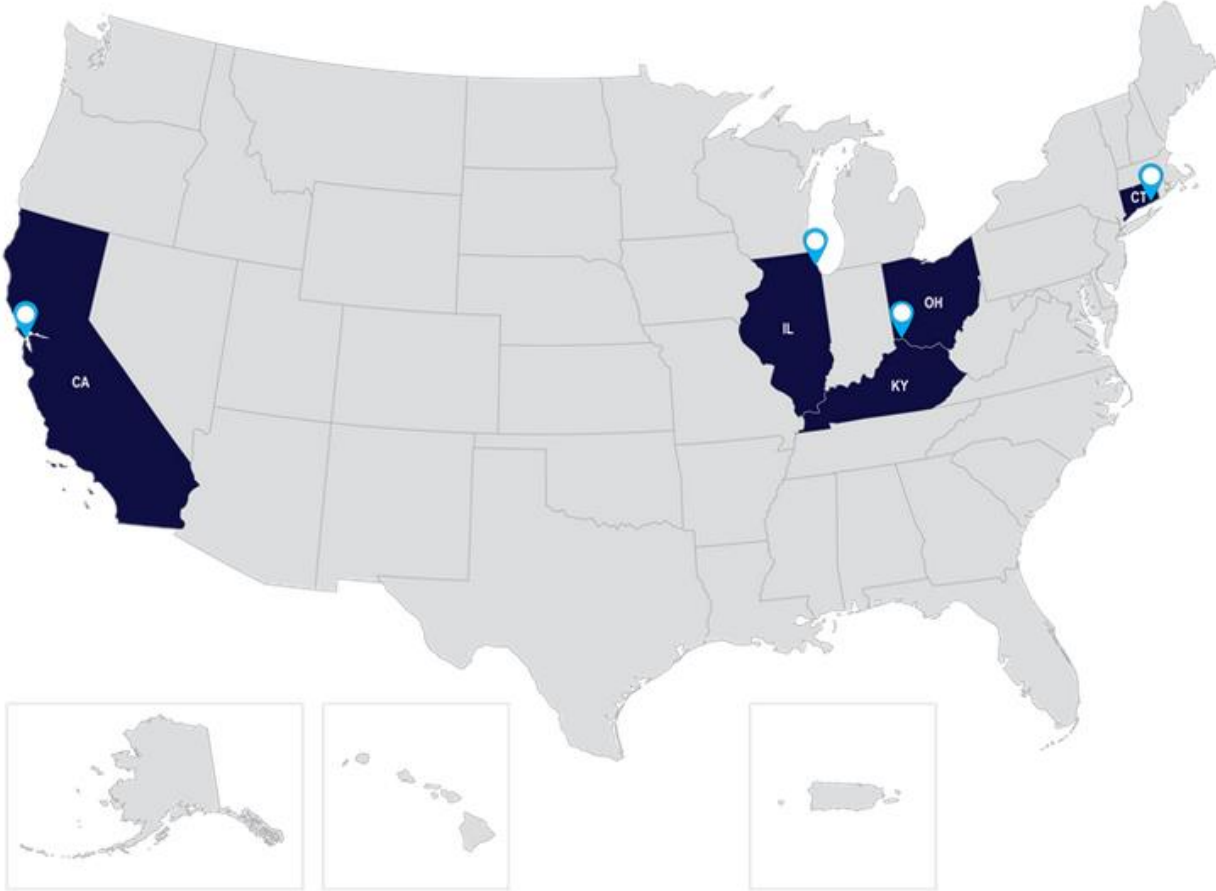


a. Bridge Investment Program – 2022 Large Bridge Grant Awards

- \$2B awarded to 4 projects

Project Name	State	Project Description	Grant Award
Golden Gate Suspension Bridge Seismic Retrofit	CA	The project will replace, retrofit, and install critical structural elements on the Golden Gate Bridge to increase resiliency against earthquakes.	\$400,000,000
Gold Star Memorial Bridge Northbound Structure Rehabilitation	CT	The project will rehabilitate the northbound structure of the Gold Star Memorial Bridge that carries I-95 over the Thames River between New London and Groton, Connecticut.	\$158,150,000
Illinois International Port – Calumet River Bridges	IL	The project will rehabilitate four bascule bridges over the Calumet River on the south side of Chicago.	\$144,000,000
Brent Spence Bridge Corridor Project	KY/OH	This project will rehabilitate and reconfigure the existing Brent Spence Bridge (BSB), which carries I-75 and I-71 traffic across the Ohio River at the Kentucky and Ohio border	\$1,385,000,000
Total			\$2,087,150,000

2022 Large Bridge Grant Award Recipients



b. RPPM Action Report

1. PIN 508631 NY 324; US 62 (NFB) to NY 240 (Harlem Road)
 - Switched 0.025M of C Funding from HSIP to NHPP
 - **Approved 1/9/23**
2. PIN 576476 Main St: Sidewalk Curbs and Ramps: TAP (Williamsville)
 - Advanced DDES Obligation Date from FFY 24 to FFY 23
 - **Approved 1/10/23**
3. PIN 581403 Shoreline Trail Along Lake Shore Rd (Evans)
 - Advanced DDES Obligation Date from FFY24 to FFY23
 - **Approved 1/11/23**
4. PIN 576466 Casey Rd; Paradise Park - Transit Rd
 - Advanced DDES Obligation Date from FFY24 to FFY23 (fed-fed)
 - **Approved 1/13/23**
5. PIN 530842 US 62; Green Acres To Erie Co Line
 - Moved 0.020M from ROW ACQ. to ROW INC
 - **Approved 1/17/23**
6. PIN 576471 Sidewalks And Pedestrian Crosswalks: TAP (Orchard Park)
 - ROWINCD- increasing by 0.006m (transferred from CONINSP)
 - ROWACQU- increasing by 0.016m (transferred from CONINSP)
 - CONST- increasing by 0.116m (transferred 0.030m from PRE, 0.080m from DETDES, 0.006m from CONINSP)
 - DETLDES- decreasing by 0.080m (transferred to CONST)
 - CONINSP- decreasing by 0.028m (transferred 0.006 to ROWINCD, 0.016m to ROWACQ, 0.006m to CONST)
 - **Approved 1/17/23**

Next Scheduled TPS Meeting

- Wednesday February 15 @ 9:00 AM