Biden-Harris Administration Announces Nearly $830 Million in Grants to Make Transportation Infrastructure More Resilient to Climate Change

Thursday, April 11, 2024

…

WASHINGTON – The Biden-Harris Administration today announced nearly $830 million in grant awards for 80 projects nationwide that will help states and local communities save taxpayers money while strengthening surface-transportation systems and making them more resilient to extreme weather events worsened by the climate crisis, flooding, sea-level rise, heat waves, and other disasters. These grants are the first of their kind dedicated to transportation infrastructure resilience and were made possible by President Biden's Bipartisan Infrastructure Law's Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation (PROTECT) Discretionary Grant Program, which complements PROTECT Formula funding that is already flowing to states for these types of projects.

…

As part of today's announcement, the Federal Highway Administration is awarding funding under four different grant types to 80 projects in 37 states, the District of Columbia, and the Virgin Islands:

- **Planning Grants:** Twenty-six projects will receive approximately $45 million to help grant recipients develop resilience-improvement plans, resilience planning, predesign and design activities, capacity-building activities, and evacuation planning and preparation initiatives.
- **Resilience Improvement Grants:** Thirty-six projects will receive approximately $621 million to enhance the resilience of existing surface-transportation infrastructure by improving drainage, relocating roadways, elevating bridges, or incorporating upgrades to allow infrastructure to meet or exceed design standards.
- **Community Resilience and Evacuation Routes:** Ten projects will receive approximately $45 million for improvements to enhance the resilience of evacuation routes or to enhance their capacity and add redundant evacuation routes.
- **At-risk Coastal Infrastructure:** Eight projects will receive approximately $119 million to protect, strengthen, or relocate coastal highway and non-rail infrastructure.

The program also will improve equity and further environmental justice by addressing the needs of disadvantaged communities that are often the most vulnerable to hazards. The program encouraged applicants from all levels of government—from local governments and Tribes to state DOTs—to apply for PROTECT discretionary-grant funding, which complements the more than $4.3 billion in PROTECT formula funding that is already flowing to states. Consistent with the objectives of the National Climate Resilience Framework, these awards will help these communities across the country become not only more resilient, but also more safe, healthy, equitable, and economically strong.

The full list of grant recipients is available here:
https://www.fhwa.dot.gov/environment/protect/discretionary/grant_recipients/

Project selections in this round of grants include:

- **In Iowa, the City of Cedar Rapids** will receive $56 million to replace the 86-year-old, structurally deficient Arc of Justice Bridge, which provides a critical connection for residents and emergency services during extreme flooding events. The project is part of a larger flood-control system that will mitigate the impacts of climate change and increase infrastructure resilience, making it more resistant to flooding.
- **In California, the City of Davis** will receive nearly $24 million to install cool pavement technologies and replace roadway underlayment to rehabilitate several portions of roadways in the Davis community to help guard against extreme heat conditions, combat urban heat island (UHI) effects, repair underlayment to state of good repair, and make other safety improvements.
- **In Arkansas, the City of West Memphis** will receive more than $16 million to restore hundreds of acres of floodplain along the Mississippi River's western bank using nature-based solutions such as restoring wetlands and new hardwood forests. These measures will help to protect five major surface-transportation routes - I-40, I-55, two freight-rail lines, and the area's only dedicated bicycle/pedestrian crossing - from repeated flooding.
- **The City of Philadelphia** will receive $14 million to rehabilitate two deteriorating bridges over Wissahickon Creek in Northwest Philadelphia. Built in the 1800s, the Bells Mill Road and Valley Green Road bridges provide access to Wissahickon Valley Park, a noteworthy natural destination in the city that experiences frequent flooding. Improvements also include the creation and restoration of wetlands.
- **In South Dakota, the Oglala Sioux Tribe** will receive $60 million to improve two sections of BIA Route 33, which crosses the Pine Ridge Indian Reservation in rural southwestern South Dakota and connects the communities of Rockyford, Manderson, and Red Cloud. The project includes regrading the roadway to widen ditches, increasing the size and number of culverts, raising sections of the road, and widening the road to add shoulders for emergencies and evacuations.

…

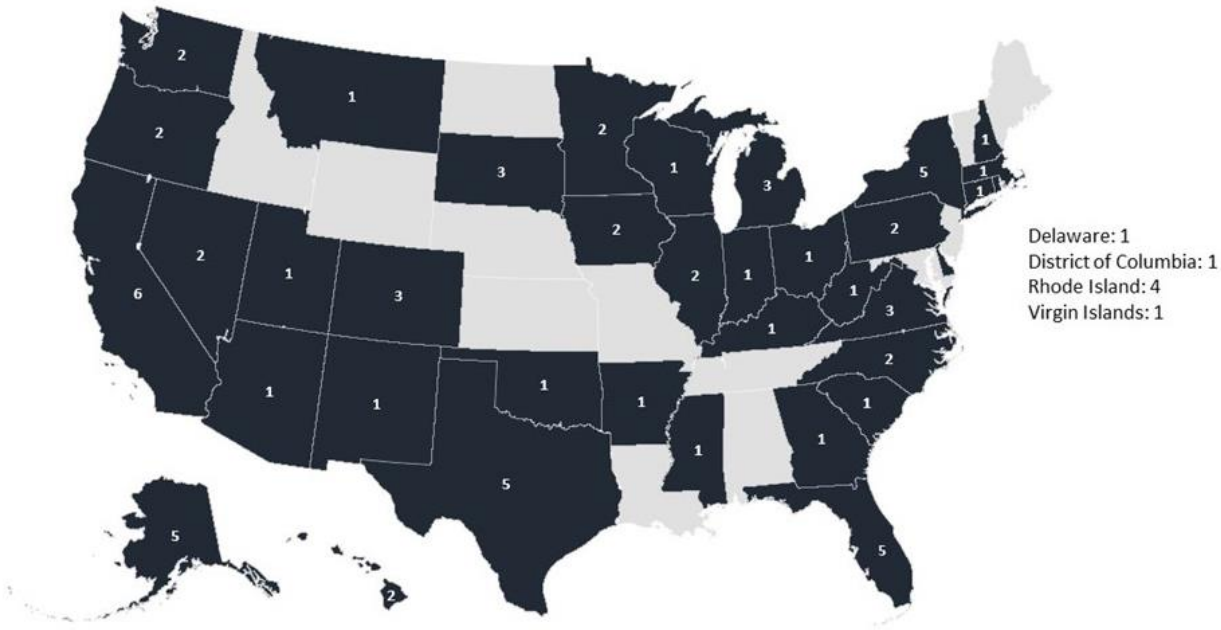
United States Department of Transportation

U.S. Department of Transportation
Federal Highway Administration

PROTECT Discretionary Grant Program Award Recipients

FY 2022 & 2023 Grant Award Recipients

For FY2022 & 2023, the PROTECT Discretionary Grant Program awarded $829.6 million in grant funding to 80 recipients to fund projects that address the climate crisis by improving the resilience of the surface transportation system. The awards are located across 37 states, the District of Columbia, and the U.S. Virgin Islands and include seven Tribal projects.



Grant Award Information					
State	**Applicant Name**	**Project Name**	**Project Description**	**Funding Amount**	**Grant Type**
AK	Bristol Bay Native Association, Inc.	Ekuk Evacuation Road Project	The Bristol Bay Native Association will receive over $4.5 million to construct	$4,525,970	Community Resilience and Evacuation Route

			approximately 0.31 miles of a new emergency evacuation road and an evacuation staging area in the community of Ekuk, Alaska. The seasonal fishing town is located in low-lying land experiencing significant coastal erosion which threatens to destroy the sole exit route, leaving the community with no means of evacuation during a severe flooding event.		
AK	City of North Pole	City of North Pole Alaska Drainage Improvements Project	The City of North Pole will receive over $750,000 for a drainage improvement project that will repair and improve culverts, reestablish bioswales, increase the size of detention basins and drainage ditches, and other resilience-building solutions to combat flooding during spring ice breakup season and prepare for worsening climate	$752,142	Resilience Improvement

			impacts. The project will address social and environmental impacts of flooding, improve roadways for transportation and evacuation routes, and support economic activity.		
AK	Kawerak Inc. (On behalf of the Native Village of Shaktoolik)	The Native Village of Shaktoolik Evacuation Road - the First Step Toward Resilience	The Native Village of Shaktoolik will receive nearly $2 million to plan and design a road used for evacuations during storms and access to a future relocation site. Identified as the most threatened community in Alaska, this remote, coastal subsistence community will be impacted by rising sea levels and increasingly severe storms due to climate change. The grant funds a crucial first step of the community's resiliency plan to protect and eventually relocate the community.	$1,976,040	Planning

AK	Qawalangin Tribe of Unalaska	Strengthening Transportation Resilience on the Island of Unalaska	The Qawalangin Tribe of Unalaska will receive over $2.9 million to fortify roads, ports, and transportation infrastructure against escalating threats posed by rising sea levels and extreme weather patterns. The funding will be used to conduct a vulnerability assessment, develop data and tools, evaluate options for nature-based infrastructure enhancement, and build technical capacity. By protecting and enhancing the transportation system, the Tribe can adapt to future needs while preserving its heritage and boosting economic activity.	$2,950,741	Planning
AK	Transportation and Public Facilities, Alaska Department of Transportation	Alaska West Coast Resiliency Projects	The Alaska Department of Transportation and Public Facilities will receive over $40.5 million to address damage from	$40,544,000	At-Risk Coastal Infrastructure

			Typhoon Merbok and provide resilience upgrades to infrastructure in four disadvantaged and rural communities in Western Alaska. In Elim, $2.4 million will be used to reconstruct and raise Front Street above 100-year storm levels and repair drainage structures. In Golovin, nearly $1 million will be used to place rock along a rebuilt berm road to provide protection from future storms. In Koyuk, $6.6 million will be used to replace an existing storm drain system and reconstruct a barge landing area and a road. In Hooper Bay, $30.5 million will be used to reconstruct and raise roadways, prevent erosion, and install culverts to protect		

			the community from flooding.		
AR	West Memphis, City of	Mississippi River Bridges: Resilience of Multimodal Infrastructure through Floodplain Restoration and Protection	The City of West Memphis will receive over $16.1 million to restore hundreds of acres the floodplain with wetlands and riparian forest, which will protect five major surface transportation routes (I-55, I-40, two freight rail lines, and a bicycle/pedestrian crossing of the Mississippi River) from flood events. The natural infrastructure will improve ecosystem health and mitigate flooding events that threaten economic impacts from freight delays, transportation disruptions, and agricultural losses.	$16,155,550	Resilience Improvement
AZ	Coconino, County of	US 89 Post-Wildfire Flood Resiliency Project	The County of Coconino will receive nearly $15.6 million to prepare highway infrastructure to withstand increasingly intense post-wildfire flooding.	$15,590,568	Resilience Improvement

			The flooding threatens damage to homes and businesses and causes closures of U.S. Route 89, resulting in significant delays that disproportionately impact the Navajo Nation and Hopi Reservation. The highway drainage project will expand an existing culvert and expand the capacity of the Copeland Detention Facility.		
CA	California Department of Transportation	California North Coast Tribal Wildfire and Evacuation Route Preparedness	The California Department of Transportation will receive $4.1 million to develop a plan that identifies evacuation route improvements for State Routes 96 and 169, focusing on resilience elements against wildfire, extreme weather impacts, and other climate related events. This project will improve and protect access for disadvantaged communities,	$4,100,000	Planning

			including Hoopa, Karuk, Yurok and Tsnungwe Tribes, to obtain goods, services, and medical care, connection to cultural resources, and emergency access in and out of the region.		
CA	City of Davis	City of Davis Cool Pavement Project	The City of Davis will receive nearly $24 million to install cool pavement technologies and replace roadway underlayment to rehabilitate several portions of roadways across 15 project locations. The project will help guard against extreme heat conditions and combat heat island effects, enhance roadways, and make other safety improvements that will benefit all road users, but especially active transportation users.	$23,989,290	Resilience Improvement
CA	County of Los Angeles	Resilient Castaic-Santa Clarita Valley: An Integrated	The County of Los Angeles will receive nearly $3.2 million to	$3,178,400	Community Resilience and

		Corridor Management Approach to Strengthening Evacuation Routes Project	implement Integrated Corridor Management strategies on and around the Castaic-Santa Clarita Valley section of I-5 to minimize delays during evacuations and improve emergency response times to help save lives. The intelligent transportation components include changeable message signs, sensors, closed-circuit TV cameras, advance traffic controllers and communications that will enable real-time traffic monitoring and operations to support evacuation routes.		Evacuation Route
CA	County of Tulare	Improvements to Avenue 56 for Sustained Resilience Against Future Flooding.	The County of Tulare will receive over $5.3 million to improve an approximately two-mile segment of Avenue 56 to protect a critical evacuation route	$5,340,000	Resilience Improvement

			for the community. Recent historic rainfall caused significant flooding that prompted the evacuation of the rural Alpaugh community and the construction of a temporary elevated roadway. This project will construct a permanent elevated roadway and widen the roadway to ensure it will be operational during future flooding events.		
CA	Ewiiaapaayp Band of Kumeyaay Indians	Ewiiaapaayp Band of Kumeyaay Indians Thing Valley Community Resiliency & Evacuation Route Project	The Ewiiaapaayp Band of Kumeyaay Indians will receive over $2.2 million to address transportation safety deficiencies on the sole access route to a section of the Ewiiaapaayp Reservation. The funds will be used for engineering design, environmental design, and construction for road	$2,262,615	Community Resilience and Evacuation Route

			improvements on a 3.79-mile segment of Thing Valley Road. The project will create a secondary evacuation route for the safe passage of Tribal members and emergency response staff in the event of an emergency, such as a wildfire.		
CA	Metropolitan Transportation Commission	Resilient SR 37 - Sears Point to Mare Island Improvement Project	The Metropolitan Transportation Commission will receive $20 million to improve corridor resilience and prevent flooding impacts on a 10.4-mile section of State Route 37 by installing sheet pile walls, nature-based and engineered side slope reinforcement, and raising the profile grade at two segments. The project is part of a larger corridor plan that will improve mobility, reduce emissions, and improve safety and public access, serving	$20,000,000	Resilience Improvement

			disadvantaged communities in Sonoma, Napa and Solano counties.		
CO	City and County of Denver	Sanderson Gulch Resiliency Project	The City and County of Denver will receive $4 million to improve the resiliency and safety of an important roadway and trail, expand active transportation opportunities, and improve access to local schools in Ruby Hill, a disadvantaged community. The project will construct a realigned trail, lower the creek, replace culverts under roadways, add two accessible multiuse trail underpasses, and make nature-based creek improvements to address flooding risks.	$4,000,000	Resilience Improvement
CO	City of Aurora	Box Elder Creek Roadway Erosion and Flood Protection	The City of Aurora will receive $10.8 million to reconstruct the now closed, flood-damaged 56th Avenue and	$10,800,000	Resilience Improvement

			Hudson Road crossings and make upgrades that will reduce flooding risks from future high rainfall and increasingly severe storms. The project will improve resiliency of critical transportation infrastructure maintaining the safe, reliable, and efficient movement of people and freight.		
CO	City of Golden	City of Golden's Lena Gulch Project	The City of Golden will receive $23.8 million to control flooding in Lena Gulch, which runs along US 40, and poses threats to residential and commercial properties and emergency response capabilities. The project will install culverts, construct a regional detention facility, stabilize eroding channels, add safety signage, and fill sections with rocks and natural materials to improve water	$23,800,000	Resilience Improvement

			flow during flooding events.		
CT	Naugatuck Valley Council of Governments	Non-Coastal Connecticut Resilience Improvement Plan	The Naugatuck Valley Council of Governments will receive $1.2 million to develop a Resilience Improvement Plan for the four northern, non-coastal regions of Connecticut encompassing 94 cities and towns and 1.6 million people. The plan will evaluate the risk and impacts of extreme weather events and examine how climate stressors will affect transportation systems and the communities that rely on them.	$1,200,000	Planning
DC	District Department of Transportation	Nannie Helen Burroughs Avenue DC-295 Underpass Flood Mitigation	The District Department of Transportation will receive $1 million to conduct an engineering study and develop an implementation plan to improve flood resilience of the Nannie Helen Burroughs Avenue NE underpass beneath DC-295. The roadway	$1,000,000	Planning

			provides a critical access route for several surrounding historically disadvantaged neighborhoods that can be cut off during heavy rain events. The study will also investigate opportunities for economic development while addressing flooding risks.		
DE	Transportation, Delaware Department of	Access As Nature Intended: Taylors Bridge Resiliency Project	The Delaware Department of Transportation will receive over $15 million to raise State Route 9 at Taylors Bridge to preserve access that is gradually diminishing as sea level rise overtakes the road and disrupts travel daily. The project will make additional bridge improvements including widening sidewalks, expanding road shoulders, reducing the number of piers from nine to three to improve water	$15,025,715	Community Resilience and Evacuation Route

			flow, and installing retaining walls to reduce wetlands impacts.		
FL	Central Florida Regional Transportation Authority dba LYNX	LYNX Central Station Resilience Improvement Project	The Central Florida Regional Transportation Authority (dba LYNX) will receive $5.8 million for the design, engineering, and construction required to replace windows on the LYNX Central Station to enhance building resiliency and meet hurricane mitigation requirements. LYNX Central Station serves a vital transportation need for nearly 2 million annual riders and this project will extend the useful life of the building by 20 years to withstand hurricanes and severe weather events.	$5,801,343	Resilience Improvement
FL	Florida Department of Transportation	SR-907/Alton Road Project: Raising the Road for Resilience	The Florida Department of Transportation will receive over $18 million to reconstruct a portion of State	$18,046,551	Resilience Improvement

			Route 907 in Miami Beach to be more resilient to worsening flooding events due to high tides and sea level rise. The project will raise the pavement elevation, install two new pump stations and larger drainage conduits, and add a new multimodal pathway and sidewalk for bicyclists and pedestrians.		
FL	Orange, County Of	Real-Time Flood Forecasting for Orange County	Orange County will receive $1 million to develop and deploy a Real-Time Flood Predictive Model (RFPM) tool to more accurately forecast flooding up to 72 hours before storms and hurricanes. As climate change increases the frequency and severity of major storm events, the RFPM tool will better inform County preparedness and emergency response to flooding events,	$1,000,000	Planning

			while also providing reliable information to residents and tourists.		
FL	Osceola County Board of Commissioners	Osceola County Basin Studies for Resilience	The Osceola County Board of Commissioners will receive $1.75 million to conduct three studies to determine flooding issues that impact transportation in the Mill Slough, Polynesian Isle, and The Manor basin areas. As climate change increases inland flooding in the region, the basin studies are critical to protect people, property, critical infrastructure, and water quality.	$1,750,000	Planning
FL	Sarasota, County Of	Manasota Key Bascule Bridge - Rehabilitation and Storm Hardening	Sarasota County will receive over $6 million to complete the rehabilitation and storm-hardening of the Manasota Key Bascule Bridge, which serves as an essential evacuation route for the nearly 3,000 residents of Manasota Key and thousands of	$6,030,000	At-Risk Coastal Infrastructur e

			daily visitors. The project will enhance the resiliency of this critical infrastructure to future storm events and projected sea level rise.		
GA	Atlanta Regional Commission	Atlanta MPO Resilience Improvement Plan	The Atlanta Regional Commission will receive $1.5 million to develop a Resilience Improvement Plan for the Metro Atlanta Region, comprising 98 cities and towns that represent 52% of Georgia's population. The project will create a flood risk tool and identify transportation projects that are vulnerable to flooding, helping to bridge gaps in assessing transportation network resiliencies, and creating better policies for climate adaptation.	$1,500,000	Planning
HI	Hawaii Department of Transportation	Kamehameha Coastal Erosion Mitigation at	The Hawaii Department of Transportation	$2,400,000	At-Risk Coastal

		Ka'a'awa Elementary Project	will receive $2.4 million to install a coastal barrier to prevent erosion from destabilizing the northbound lane of Kamehameha Highway. The Project will ensure that the most threatened location of the highway road, that links the Ko'olauloa district and Honolulu metro area for 13,000 daily users, is protected from waves, erosion, and increasing impacts of climate change.		Infrastructure
HI	Hawaii Department of Transportation	Waimea Bay Rockfall Prevention Project	The Hawaii Department of Transportation will receive over $2.8 million to replace 1,000 feet of an existing rockfall impact fence to provide protection from rockfalls on a heavily travelled corridor of Kamehameha Highway. The new fence will be 10 times stronger than the current fence and will	$2,855,908	At-Risk Coastal Infrastructure

			reduce damage to the highway and disruption to road users, including emergency vehicles in rural Oahu.		
IA	City of Cedar Rapids	Arc of Justice Bridge Replacement Project (8th Avenue Bridge Replacement Over the Cedar River)	The City of Cedar Rapids will receive $56.4 million to replace the 86-year-old structurally deficient Arc of Justice Bridge, which provides a critical connection for residents and emergency services during extreme flooding events. The project is part of a larger Flood Control System that will mitigate impacts of climate change and increase resiliency to flooding. The new long span cable-stayed bridge will increase safety by reducing crashes, reduce emissions and congestion, expand active transportation pathways, ensure freight connectivity for major food manufacturing,	$56,400,000	Resilience Improvement

			and spur economic activity in the region.		
IA	City of Davenport	Protecting Access to Riverfront Transportation	The City of Davenport will receive over $13.1 million to complete multiple flood mitigation projects that will make infrastructure more resilient to climate change, increase surface transportation reliability in disadvantaged areas, and increase safety for all road users. The project will raise and reconstruct sections of Rockingham and East River Drive to create a permanent flood detour route for US Routes 61/67 River Drive, raise and reconstruct sections and LeClaire Street, 3rd Street, and the intersection of 2nd and Gaines to protect access to Illinois via the Centennial and Arsenal Bridges, and reconfigure pedestrian infrastructure to	$13,119,400	Resilience Improvement

			enhance safety at the intersections of 3rd and 4th Streets at River Drive.		
IL	Champaign County Regional Planning Commission	Champaign County Regional Transportation System Vulnerability Assessment Under Climate Change	The Champaign County Regional Planning Commission will receive $380,000 to study transportation infrastructure vulnerability during severe weather events throughout Champaign County. The analysis will enhance accessibility and safety by helping the county better plan for the impacts of climate change and adapt existing transportation to mitigate future damages.	$380,022	Planning
IL	Illinois Department of Transportation	I-290 Maywood Flood Relief Project	The Illinois Department of Transportation will receive over $8.6 million to upgrade sewers along Harrison Street to reduce flooding on I-290 and protect local roadways and homes in the Village of	$8,646,190	Resilience Improvement

			Maywood from severe flooding impacts. The project will alleviate stress on the Metropolitan Water Reclamation District of Greater Chicago system during high rainfall events and is part of a greater Eisenhower Expressway project that will repair the corridor to meet current and future challenges of a growing population facing climate change.		
IN	City of Fort Wayne	Bluffton Road - St. Marys Riverbank Resilience Project	The City of Fort Wayne will receive over $3.5 million to stabilize 2,400 feet of the west bank of the St. Mary's River using nature-based solutions to prevent further erosion that is threatening the collapse of Bluffton Road. The road averages 23,400 vehicles daily, connects over 100 miles of pedestrian trails, and provides Waynedale and	$3,520,000	Resilience Improvement

			Fort Wayne residents with access to important cultural and economic hubs.		
KY	Kentucky Office of Highway Safety	KY 15 Rockfall Mitigation Project	The Kentucky Office of Highway Safety will receive nearly $24.5 million to alleviate rockfalls, roadside erosion, and related traffic disruptions and crashes on a critical corridor on KY 15 in Breathitt County. The project addresses the risk from the rock bordering the road which erodes and sloughs off, often entering the roadway, resulting in road damage, destruction of maintenance equipment, and numerous crashes in recent years.	$24,490,000	Resilience Improvement
MA	Massachusetts Executive Office of Transportation	Worcester – Flood Relief at Route 20/Grafton St (Route 122) Interchange to Flint Pond	The Massachusetts Executive Office of Transportation will receive over $3.7 million to upgrade drainage infrastructure, reducing flooding on Route 20 and	$3,702,128	Resilience Improvement

			improving water quality in Flint Pond. The improved drainage structures will reduce road closures during storm events, enhance safety, and improve reliability for drivers along this critical route.		
MI	City of Kalamazoo	Building Resilience In Kalamazoo's Downtown Transportation Network	The City of Kalamazoo will receive nearly $38 million to upgrade aging stormwater infrastructure to reduce the risk of flooding and protect other DOT-funded projects to redesign the Downtown Kalamazoo Transportation Network. By increasing the capacity of stormwater infrastructure and 'daylighting' or uncovering sections of the creek, the project will improve environmental and water quality while protecting surrounding	$37,990,158	Resilience Improvement

			communities from flooding.		
MI	Michigan Department of Transportation	Pumping Up 28th Street: Connecting Wyoming and Grand Rapids	The Michigan Department of Transportation will receive $12 million to upgrade storm drainage and surface infrastructure to reduce future flooding on 28th Street, an important transportation and freight corridor in Grand Rapids. The project proposes replacing the aging pump station, replacing approximately 0.5 miles of poor roadway pavement, and adding rain gardens to capture storm runoff along the street.	$12,000,000	Resilience Improvement
MI	Southeast Michigan Council of Governments	Southeast Michigan Regional Resilience Improvement Plan	The Southeast Michigan Council of Governments will receive $900,000 to develop a Resilience Improvement Plan to strengthen transportation resilience and protect the region's 239	$900,000	Planning

			communities from future climate impacts, especially flooding. This project advances resilience by updating the existing flood risk tool, addressing hazard mitigation and evacuation route priorities, incorporating nature-based solutions, and conducting outreach and engagement in underserved communities.		
MN	State of Minnesota Department of Transportation	Highway 11 Rainy River Slide Realignment and Resiliency Project	The State of Minnesota Department of Transportation project will receive over $2.5 million to address two critical slope failures that threaten to close portions of Highway 11 along the Rainy River. The project will realign 1.2 miles of the highway about 150 feet to the west, removing the roadway from the slide areas and completing work	$2,560,000	Resilience Improvement

			to stabilize the slopes.		
MN	State of Minnesota Department of Transportation	West Central Minnesota I-94 Blowing and Drifting Snow Control Project	The State of Minnesota Department of Transportation will receive over $13.7 million to install 24 miles of snow fence across 38 sites to address snow control along nearly 120 miles of I-94 between the cities of Moorhead and Alexandria. The project will mitigate the worst snow traps along the I-94 corridor, improving safety, reducing wintertime maintenance needs, and improving reliability of the heavily traveled and economically vital corridor.	$13,736,000	Resilience Improvement
MS	Mississippi Department of Transportation	I-55 and I-59 Contraflow Operational Improvements Project	The Mississippi Department of Transportation will receive $4.8 million to expand the contraflow route and install new signage, gates at exit ramps, and mile markers for improved traffic	$4,800,000	Community Resilience and Evacuation Route

			flow along two major hurricane evacuation routes between Mississippi and Louisiana. The project will improve the safety, efficiency and resiliency within two critical segments of hurricane evacuation infrastructure in Mississippi, along Interstate 55, the main north-south corridor through western Mississippi, and Interstate 59, which runs northeast from Slidell, Louisiana.		
MT	County of Missoula	Lolo Street Bridge Replacement Project	The County of Missoula, Montana will receive over $2.9 million to replace the deteriorating 57-year-old Lolo Street Bridge, one of two essential crossings to and from the popular Upper and Lower Rattlesnake areas where approximately 7,000 people live and work. A new bridge will maintain current	$2,937,900	Community Resilience and Evacuation Route

			vehicle capacity, improve drainage, and reduce the risk of flooding, while including expanded sidewalks for pedestrians and a new separate bicycle facility. The bridge serves as a critical evacuation route for residents as well as emergency responders in the event of wildfires, flooding and other natural disasters.		
NC	State of North Carolina Department of Transportation	SAND (Solving Access for NC 12 in Dare County)	The North Carolina Department of Transportation will receive over $1.8 million to conduct a study along an 11-mile stretch of Highway 12 between Oregon Inlet and Rodanthe on Pea Island. The goal of the study is to develop long-term, comprehensive plans for keeping the roadway passable during and following major storm events. The	$1,865,000	Planning

			project will identify future construction projects, streamline environmental reviews, include public engagement and establish plans to secure the resiliency of the highway.		
NC	State of North Carolina Department of Transportation	PROTECTing US 74 at the Lumber River	The North Carolina Department of Transportation will receive over $1.8 million to reinforce the shoulder and embankments at the Lumber River crossing along US 74 between Boardman and Orrum. The improvements are necessary to prevent flooding, roadway deterioration and damage that the bridge sustains when flooded after heavy storms. US 74 is a major east-west evacuation route connecting coastal Wilmington to Charlotte and is essential to	$1,803,600	Community Resilience and Evacuation Route

			ensuring that local communities have access to emergency and community services during extreme weather events.		
NH	State of New Hampshire Department of Transportation	New Hampshire Route 1A Revetment Reconstruction Phase 1: North Hampton and Rye	The New Hampshire Department of Transportation will receive over $20.2 million to reconstruct coastal erosion protections along three miles of Route 1A between North Hampton and Rye. The improvements will significantly reduce road closures and roadway clean-up in coastal communities vulnerable to the increasing intensity and frequency of coastal storms as well as rising sea levels.	$20,258,400	At-Risk Coastal Infrastructure
NM	Doña Ana, County of	Comprehensive County Wide Road Network Resilience Plan	The County of Doña Ana, New Mexico will receive $2 million to conduct a comprehensive resilience plan that will focus on	$2,000,000	Planning

			transportation infrastructure vulnerabilities during emergency evacuations and climate-related disasters, such as flash flooding, drought, wildfires, extreme heat and erosion. The study will recommend short-term projects for completion in 3-5 years, review land-use policies, and integrate nature-based solutions into the design and operations of the construction work.		
NV	Regional Transportation Commission of Southern Nevada	Southern Nevada Transportation Resilience Improvement Plan	The Regional Transportation Commission of Southern Nevada will receive $750,000 to complete a Resilience Improvement Plan that assesses the vulnerabilities of the region's highways, major roadways, public transportation system, freight system, and anticipated passenger rail through 2050. The	$750,000	Planning

			plan will help manage risks associated with aging infrastructure against a full range of current and future weather events, including extreme heat and natural disasters.		
NV	Tahoe Regional Planning Agency	Resilience Improvement Plan and Regional Emergency Communications and Transportation Plan	The Tahoe Regional Planning Agency will receive over $1.7 million to develop and implement a Resilience Improvement Plan that assesses the transportation system's vulnerabilities in the face of wildfires, extreme winter weather events and other emergencies. The project also will upgrade the region's communications infrastructure to ensure that transportation and utility entities, fire service, law enforcement, environmental organizations and community-based groups can	$1,749,955	Planning

			benefit from an integrated, efficient, safe evacuation during emergencies.		
NY	New York City Department of Transportation	Grand Street Bridge Reconstruction	The New York City Department of Transportation will receive $15 million to replace the 119-year-old Grand Street Bridge in Brooklyn that was severely damaged during Superstorm Sandy in 2012. The bridge will be replaced with a new structure that will have elevated electrical and mechanical equipment, which will be resilient against water damage from future anticipated sea level and storm surges, and feature standard width lanes, separated cycling infrastructure and wider walking paths.	$15,000,000	Resilience Improvement
NY	New York State Department of Transportation	US Route 6 at Camp Smith: Flood Mitigation, At-Risk Coastal Infrastructure	The New York State Department of Transportation will receive nearly $24 million to raise a small segment of US Route 6 from Roa	$23,960,000	At-Risk Coastal Infrastructure

			Hook Road to Camp Smith approximately seven feet. The goal is to ensure the roadway remains passable when sea levels rise and to reduce the risk of roadway closures due to flooding. The segment is a key route for emergency responders and is part of the National Highway System and within FEMA's 100-year floodplain.		
NY	New York State Department of Transportation	Planning for Extreme Weather: Coordinated Operations and Enhanced Resiliency in Western New York State	The New York State Department of Transportation will receive $1.65 million to develop and coordinate emergency response plans for a four-county region in Western New York, including Erie, Niagara, Cattaraugus, and Chautauqua. The project will examine vulnerabilities around roadway and transit operations as well as maintenance practices during	$1,650,000	Planning

			severe winter snowstorms made more challenging by lake-effect snow. One goal is to identify ways to consistently and proactively communicate with residents about openings, closures, travel conditions and to support emergency responders.		
NY	New York State Thruway Authority	Rehabilitation and Installation of Seismic Retrofits for the South Grand Island Bridges and Additional Safety and Pedestrian Improvements	The New York State Thruway Authority will receive $39 million to repair and modify the South Grand Island Bridges in western New York to make them more resistant to seismic activity, ground motion, and soil failure as a result of earthquakes. The twin bridges provide an evacuation route across the Niagara River on Interstate 190 to more than 21,000 residents of Grand Island. The project also will enhance safety for vehicles and	$39,000,000	Resilience Improvement

			maintenance operations and provide better connectivity for pedestrians and bicyclists.		
NY	NY Metropolitan Transportation Authority	NY MTA Westchester Yard Drainage - 6 Line Service Protection	The New York Metropolitan Transportation Authority (MTA) will receive over $33.2 million to install a complete stormwater drainage system at Westchester Yard in the Bronx where subway trains are stored for the Pelham Bay 6 Line. The subway line is New York City Transit's busiest line serving an estimated 500,000 people on a typical weekday and is prone to ponding during heavy rains and flash flooding.	$33,280,000	Resilience Improvement
OH	City of Cincinnati	City of Cincinnati Landslide and Retaining Wall Failure Mitigation	The City of Cincinnati will receive over $10 million to provide long-term construction remedies in 10 locations along major routes through the city that are prone to landslides, hillside	$10,079,824	Resilience Improvement

			slippage, and retaining wall failures. Each of the sites threatens a roadway or utilities that can endanger public safety, particularly during extreme weather events in this riverside city.		
OK	Northern Oklahoma Development Authority	Protecting Bridges on Red Hill and Trenton Roads in Grant County, Oklahoma by Adding Riprap to Prevent Ongoing Erosion	The Northern Oklahoma Development Authority and Grant County will receive over $1.3 million to build barriers along the shoreline by the Salt Fork of the Arkansas River that is threatening to undermine the Red Hill and Trenton roads and bridges. The project will strengthen and protect an important evacuation route and is focused on safeguarding critical county highways from the imminent threat of erosion.	$1,334,420	Community Resilience and Evacuation Route
OR	Lane Council of Governments	Resilient Lane: equity-focused, data-driven resilience	The Lane Council of Governments will receive over $5.3 million to	$5,334,048	Planning

		planning effort to understand and address the multimodal transportation network's vulnerability to hazards	complete a Resilience Improvement Plan that evaluates and addresses the vulnerabilities of the area's multimodal transportation network to weather-related hazards and emergencies. The geographic focus of the project includes the cities of Eugene, Springfield, and Coburg in the Willamette Valley of western Oregon.		
OR	Transportation, Oregon Department Of	US 101: Butte Creek Culvert Replacement Project	The Oregon Department of Transportation will receive $6.1 million to replace an existing culvert under Highway 101 with a new bridge over Butte Creek that will better handle the effects of flooding and rising sea levels. Located between Tillamook and Lincoln City, the project also will include a new stream-crossing feature to allow	$6,100,000	Resilience Improvement

			unrestricted migration of native migratory fish.		
PA	City of Philadelphia	Bridge Sustainability in Northwest Philadelphia	The City of Philadelphia will receive over $14.2 million to rehabilitate two deteriorating bridges over Wissahickon Creek in northwest Philadelphia. Built in the 1800's, the Bells Mill Road and Valley Green Road bridges provide access to Wissahickon Valley Park, one of the city's noteworthy natural destinations, which experiences frequent flooding. Improvements also include restoration and creation of wetlands.	$14,245,000	Resilience Improvement
PA	Pennsylvania Department of Transportation	Protect the Parkway (I-376) Floodwall Improvement Project	The Pennsylvania Department of Transportation will receive $6.7 million to increase the height of the floodwall that protects Interstate 376 in downtown Pittsburgh from	$6,669,000	Resilience Improvement

			flooding by the Monongahela River. The project will significantly reduce highway closures, delays, traffic congestion and the associated risks and costs of flooding while increasing safety for travelers and emergency personnel.		
RI	City of Newport	Newport Cliff Walk Restoration	The City of Newport will receive $11 million to repair and stabilize two sections of the popular Newport Cliff Walk along Easton Bay and the Atlantic Ocean that suffered collapses in 2022. The project will stabilize the face of the cliff and repair the walkway, restoring pedestrian access along the coastline. Repairs will be made to the stretch between Webster Street and Narragansett Ave. Newport Cliff Walk is located	$11,000,800	At-Risk Coastal Infrastructure

			along a bluff that is highly susceptible to coastal storms, strong winds, waves and flooding.		
RI	Rhode Island Department of Transportation	Turning the Tide: Local, Nature-Based Solutions to Promote Climate Resilience in Rhode Island	The Rhode Island Department of Transportation will receive $26 million to manage stormwater drainage, reduce roadway flooding, and address climate change vulnerabilities at 97 locations across the state. The project will enhance drainage capacity, improve water quality, reduce runoff, and increase green space in watershed areas in a state that is densely populated, highly developed and challenged to absorb excess water brought on by climate change.	$26,000,000	Resilience Improvement
RI	Rhode Island Department of Transportation	A Rhode Less Traveled: Coordinating Infrastructure Renewal with Managed Retreat	The Rhode Island Department of Transportation will receive $750,000 to develop a coastal management plan	$750,000	Planning

			that allows the shoreline in the Town of Warren to move inland. The project will address alternatives for three state roadway resurfacing projects along RI-136 within the coastal community. The project will help the community make smart transportation investments that address climate change vulnerabilities in the Market Street and Metacom Avenue corridors.		
RI	Rhode Island Turnpike and Bridge Authority	The Improving Climate Resilience of Critical Infrastructure: Mount Hope Bridge Cable and Anchorage Dehumidification	The Rhode Island Turnpike and Bridge Authority will receive $17 million to install a dehumidification system on the cables and anchors of the historic Mount Hope suspension bridge connecting Portsmouth on Aquidneck Island to Bristol along State Road 114. Over time, rising temperatures, moisture and	$17,000,000	Resilience Improvement

			humidity have accelerated corrosion on the metal wires within the cables that support the 94-year-old bridge. While the bridge is still safe for unrestricted use today, improvements are needed to preserve the long-term use of the structure before deficiencies lead to traffic bans, detours and more costly cable replacements.		
SC	Lowcountry Council of Governments	Lowcountry Transportation Resilience Improvement Plan	The Lowcountry Council of Governments will receive over $350,000 to create a Resilience Improvement Plan that focuses on flooding and erosion of roadways due to hurricanes, storm surges, high tides, and rising sea levels. The project area is the southeastern corner of South Carolina, including the counties of Beaufort, Colleton,	$352,338	Planning

			Hampton, and Jasper. The plan will identify priority projects aimed at improving the region's ability to respond to extreme weather events and natural disasters and to be prepared for changing conditions.		
SD	Oglala Sioux Tribe	Oglala Sioux Tribe Reservation-wide Vulnerability Assessment	The Oglala Sioux Tribe will receive $248,000 to complete an assessment of the vulnerabilities and risks of the Tribe's transportation infrastructure to extreme weather events, flooding, natural hazards, and the effects of climate change. The study area includes the Pine Ridge Indian Reservation in the southwest corner of South Dakota. The reservation is one of the poorest in the nation.	$248,000	Planning
SD	Oglala Sioux Tribe	BIA Route 33 Tribal Resiliency and Evacuation Route	The Oglala Sioux Tribe will receive $60 million to improve two sections of BIA	$60,000,000	Resilience Improvement

		Improvement Project	Route 33 through the Pine Ridge Indian Reservation in rural southwest South Dakota, connecting the communities of Rockyford, Manderson, and Red Cloud. The project includes re-grading the roadway to widen ditches, increasing the size and number of culverts, raising sections of the road, widening the road to add shoulders for emergencies and evacuations, and using more resilient pavement to better withstand flooding, storms, snow and ice accumulation, erosion, and evacuation during wildfires.		
SD	Sisseton-Wahpeton Oyate	Transportation Resilience Vulnerability Assessment	The Sisseton-Wahpeton Oyate of the Lake Traverse Reservation will receive $142,500 to complete an assessment of the vulnerabilities of the Tribe's surface	$142,500	Planning

			transportation infrastructure under current conditions as well as potential future conditions. Because the reservation is remote and rural, the study aims to ensure residents have access to essential services during natural disasters and safe evacuation routes. The Sisseton-Wahpeton Oyate is located in the northeast corner of South Dakota.		
TX	Alamo Area Metropolitan Planning Organization	Safeguarding the Alamo Area Transportation Network	The Alamo Area Metropolitan Planning Organization will receive $485,000 to conduct a Resilience Improvement Plan for the San Antonio-New Braunfels metro area transportation system. The project will explore how extreme weather events and natural disasters would impact the region's transportation	$485,000	Planning

			network. The plan also will identify a set of actions and investments that can be made to ensure the system remains viable in two of the nation's fastest growing cities.		
TX	Dallas Area Rapid Transit	Dallas Area Rapid Transit Vulnerability Assessment and Resilience Plan & Innovative Flood Tool Pilot	The Dallas Area Rapid Transit (DART) will receive $950,000 to conduct a comprehensive resilience plan to assess the vulnerabilities of the transportation network and prioritize strategies to make necessary improvements. The project includes a two-year license to test a new flooding software tool that uses historical rainwater and flood information to identify flood-prone areas, develop better evacuation routes, and pinpoint areas where stormwater drainage can be improved.	$950,000	Planning

TX	Harris County	Harris County Road Drainage Master Plan	Harris County, Texas will receive over $9.6 million to develop a master plan evaluating drainage infrastructure capacity and deficiencies affecting local roadways in the unincorporated areas of the county. Harris County continues to be one of the fastest-growing counties in the nation and has experienced six federally declared flooding disasters since 2015. The plan will target unincorporated areas of the county where road and land development have intensified in recent decades and where, in anticipation of expected future growth, proactive mitigation action is relatively affordable.	$9,635,733	Planning
TX	Houston-Galveston Area Council	The Houston-Galveston Area Council Metropolitan Planning	The Houston-Galveston Area Council will receive $1.1 million to develop	$1,100,000	Planning

		Organization in Texas State PROTECT Planning Grant Application for a Regional Resilience Improvement Plan	a Resilience Improvement Plan for the surface transportation system of an eight-county region that experiences repeated extreme weather events, natural disasters, and hazardous flooding conditions. The project will fine-tune previously developed strategies, identify gaps in planning, create a list of priority improvements that can be implemented in the short- and long term, and include a risk-based assessment of vulnerabilities to roadways, culverts, ditches, medians and other transportation assets.		
TX	San Marcos, City Of	City of San Marcos Resilient Infrastructure Improvements	The City of San Marcos will receive nearly $13.9 million to complete a stormwater mitigation project in the low-	$13,875,840	Resilience Improvement

			income, underserved neighborhood of Sunset Acres. The project will include improvements to storm drains, installing culverts and manholes, replacing existing sewer lines to increase capacity, and pavement resurfacing related to street improvements.		
UT	Transportation, Utah Department Of	I-15 Corridor Drainage Resiliency Project	The Utah Department of Transportation will receive over $5.4 million to make stormwater drainage improvements along 53 miles of Interstate 15 in rural Iron and Washington counties. The project will make improvements to a corridor critical to interstate commerce and will reduce the impact of extreme weather events, flash-flooding, and wildfires that are becoming more severe and frequent in the	$5,440,487	Resilience Improvement

			southwest corner of the state.		
VA	City of Virginia Beach	Pungo Ferry Road Resiliency Improvements	The City of Virginia Beach will receive over $19 million to address flooding issues on a 1.5-mile stretch of Pungo Ferry Road, a low-lying roadway that provides an east-west connection to several military installations, agricultural lands, and wildlife refuges. The project will raise the roadway by four feet to make it passable during 100-year storm events, and will include paved, graded shoulders and bike paths.	$19,012,917	Resilience Improvement
VA	Stafford County Government	Brooke Road Flood Mitigation and Resiliency Project	Stafford County will receive over $10.2 million to re-align a 0.45-mile portion of Brooke Road (SR 608) from Loblolly Lane to Maplewood Drive, a vital transportation route that serves the eastern part of the county and includes access to a commuter rail station. The	$10,251,613	Resilience Improvement

			project will address frequent flooding on portions of the road that becomes impassable for extended periods of time. The roadway runs parallel to Accokeek Creek, a major tributary to the Potomac River.		
VA	Virginia Department of Transportation	Modernizing Operations for Virginia's Evacuation Resilience (MOVER)	The Virginia Department of Transportation will receive over $5.4 million to install a weather and traffic monitoring system that will facilitate emergency evacuations due to extreme weather events in Virginia's Tidewater and Chesapeake region. The project will include the use of flood sensors, stream gauges, and traffic cameras to promote data-driven decisions in hazardous conditions, including flood,	$5,426,380	Community Resilience and Evacuation Route

			wind, fire, and landslides.		
VI	Virgin Islands Port Authority	Port Facility - Cyril E. King Airport Fuel Transfer and Storage Facility Shoreline Stabilization Project	The Virgin Islands Port Authority will receive over $12.5 million to restore about 460 feet of shoreline on the southwest side of the Cyril E. King International Airport in St. Thomas. The project will reduce flooding from high-energy waves and prevent further shoreline erosion. The site also houses a petroleum facility that serves as the only entry point for aviation fuel, sustaining flight operations during weather-related emergencies and post-disaster recovery operations.	$12,525,892	At-Risk Coastal Infrastructure
WA	Northwest Seaport Alliance, The	Wapato Creek Connect: 300 Feet of Critical Infrastructure	The Northwest Seaport Alliance will receive $24.5 million to replace a failing culvert with a bridge at the Pierce County Terminal near the Port of Tacoma. The project also will restore passage through	$24,500,000	Resilience Improvement

			Wapato Creek, which bisects the active cargo terminal. The improvements are critical to the transportation infrastructure of the region, a key link for agricultural exporters, and will make it more resilient to climate change and extreme weather events.		
WA	Skagit Council of Governments	PROTECT Planning Grant for Regional Transportation Resilience Improvement Plan	The Skagit Council of Governments will receive nearly $300,000 to conduct a Resilience Improvement Plan covering Skagit County that assesses the vulnerabilities of the transportation system for current and future weather events such as severe storms, flooding, droughts, levee and dam failures, wildfires, rockslides, and earthquakes. One major roadway in the project area of northwest Washington State is Interstate 5, a	$299,623	Planning

			key Mexico-to-Canada trade corridor that is at risk of closure, severe traffic congestion and limited use by freight companies during extreme flooding events.		
WI	Monroe County Highway Department	Little La Crosse Watershed Infrastructure Resiliency Initiative	The Monroe County Highway Department will receive $506,000 to assess the vulnerability of bridges, culverts, dams and roadways in southwestern Monroe County and prioritize their repair or removal. The project also will identify strategies for improving the resiliency of these road crossings during extreme weather events such as flash flooding, and to develop cost-effective actions to reduce potential impacts.	$506,000	Planning
WV	West Virginia Department of Transportation	Protecting Main Street Project	The West Virginia Department of Transportation will receive nearly $3.3 million to reconstruct 1,350 feet of State	$3,280,000	Community Resilience and Evacuation Route

			Route 39 (WV 39) and raise the roadway about seven feet to place it outside the flood zone of the Cherry River. WV 39 is a critical corridor in the transportation network of the area and serves as the main east-west evacuation route for the City of Richwood, an isolated, sparse, rural community that has been the center of the lumber industry.		