

# District Department of Transportation FY2022

Agency District Department of Transportation

Agency Code KAO

Fiscal Year 2022

Mission The District Department of Transportation's (DDOT) mission is to enhance the quality of life for District residents and visitors by ensuring that people and goods move safely with minimal adverse impact on residents and the environment.

## Strategic Objectives

Objective Number	Strategic Objective
1	Maintain and improve core transportation infrastructure to preserve the quality of the transportation network.
2	Reduce traffic related deaths and injuries and enhance safe utilization of the transportation network.
3	Improve mobility and accessibility to expand transportation choices and reduce traffic congestion.
4	Improve the livability and sustainability of transportation routes for local communities.
5	Invest in long-term capital projects to enhance and preserve the infrastructure and assets of the transportation network.
6	Create and maintain a highly efficient, transparent, and responsive District government.

## Key Performance Indicators (KPIs)

Measure	Directionality	FY 2019 Actual	FY 2020 Actual	FY 2021 Actual	FY 2022 Target
<b>1 - Maintain and improve core transportation infrastructure to preserve the quality of the transportation network. (6 Measures)</b>					
Percent of pothole service requests filled and closed out within 72 hours	Up is Better	30.5%	60.8%	78.1%	87%
Percent of streets in "Fair" to "Excellent" condition	Up is Better	78.2%	68.8%	77.1%	75%
Percent of parking meters working daily	Up is Better	83.1%	93.7%	94.4%	95%
Percent of miles completed in the paving plan (current calendar year)	Up is Better	110.1%	130.4%	93.5%	100%
Percent of sidewalk miles completed in the sidewalk plan (current calendar year)	Up is Better	58.3%	81.4%	139%	100%
Mean time (hrs) to repair meters	Down is Better	New in 2020	79	41	24
<b>2 - Reduce traffic related deaths and injuries and enhance safe utilization of the transportation network. (1 Measure)</b>					
Percent of public space applications approved within 30 days	Up is Better	93%	89.9%	93.3%	93%
<b>3 - Improve mobility and accessibility to expand transportation choices and reduce traffic congestion. (2 Measures)</b>					
Percent increase in Capital Bikeshare Ridership	Up is Better	-4.4%	-37.1%	4.5%	3%
Percent of Circulator buses arriving on time	Up is Better	66.3%	66.3%	66.8%	79%

## Operations

Operations Title	Operations Description	Type of Operations
<b>1 - Maintain and improve core transportation infrastructure to preserve the quality of the transportation network. (6 Activities)</b>		
Roadway Maintenance	Resurfacing and sealing large areas of the roadway and repairs to streets such as crack sealing, patching, deep patching and filling potholes.	Daily Service
Alley Maintenance	Sealing, patching, repairing and resurfacing alleys.	Daily Service
Bridge Maintenance	Preservation and maintenance of bridge assets.	Daily Service
Sidewalk Maintenance	Preservation and maintenance of curbs and sidewalks.	Daily Service
Street Light Maintenance	Maintenance of street and alley lights and poles.	Daily Service
Materials Testing Lab	Building of a new materials testing lab to support all road repair and building projects.	Key Project
<b>2 - Reduce traffic related deaths and injuries and enhance safe utilization of the transportation network. (5 Activities)</b>		
Traffic Signal Maintenance	Maintenance of traffic signal assets	Daily Service
Vision Zero	Oversight and coordination of District-wide Vision Zero Action Plan strategies to reach zero fatalities and serious injuries to travelers of DC's transportation system, through more effective use of data, education, enforcement, and engineering.	Daily Service
Street Signs and Markings	Maintenance of citywide street signs and markings.	Daily Service
Public Space Regulation	Issuance, inspection, and review of public space permits and construction zones.	Daily Service
Traffic Management and Calming	Maintenance of the city-wide traffic signal optimization program and management of the flow of traffic within the Right of Way.	Daily Service
<b>3 - Improve mobility and accessibility to expand transportation choices and reduce traffic congestion. (6 Activities)</b>		
Bike and Pedestrian Active Transportation Program	Management of the planning, maintenance, and safety of trails, bike paths, and other non-car paths.	Daily Service
Streetcar Operations Infrastructure and Expansion	Operation and maintenance of the DC Streetcar system, which is intended to make travel within the District easier for residents, workers and visitors, and complement the existing transit options.	Daily Service
Greater DC Transit Management	Management of the agreements and programs affecting transit in the Greater DC area.	Daily Service
Travel Demand Management	Travel demand management program, goDCgo, encourages District residents, employees, and visitors to reduce reliance on single-occupancy vehicles for travel.	Daily Service
Capital Bikeshare	Oversight of the bike rental program for citizens and visitors.	Daily Service
Circulator Operations, Infrastructure, and Expansion	Operation and maintenance of daily Circulator bus system, which delivers affordable, comfortable, and efficient bus service to the District's neighborhoods and main attractions.	Daily Service
<b>4 - Improve the livability and sustainability of transportation routes for local communities. (6 Activities)</b>		
Business Improvement and Economic Development	Management of the Business Improvement District (BID) reimbursements and Federal projects that support local Economic Development.	Key Project
Urban Forest Preservation	Maintenance, improvement, and preservation of the city tree canopy which consists of over 150,000 street trees as well as all trees on District public land.	Daily Service
Green Infrastructure Maintenance and Environmental Programs	Maintenance and construction related to green infrastructure sites in the right of way, alleys, and public spaces. Green Infrastructure is the living network that connects landscape areas, natural areas, and waterways. In urban areas, it captures rainfall; cools buildings and pavement; and creates natural pathways for wildlife.	Daily Service

Operations Title	Operations Description	Type of Operations
Curbside Management/Parking Regulation	Preservation and maintenance of parking meters and management of on-street parking regulations.	Daily Service
Planning and Sustainability Branch	Development of transportation policies from a broad perspective including preparation of strategic goals and plans for the entire city, while also focusing on specific neighborhood needs, as well as partnering with neighboring jurisdictions.	Daily Service
M495 Marine Highway	M-495 Commuter Fast Ferry Service on the Occoquan, Potomac, and Anacostia River system.	Key Project
<b>5 - Invest in long-term capital projects to enhance and preserve the infrastructure and assets of the transportation network. (6 Activities)</b>		
Bridge, Tunnel, and Highway Reconstruction	Management of the numerous ongoing long-term capital projects within the District.	Key Project
K Street Transitway	The K Street Transitway project will reconfigure one of the District's major east-west corridors, K Street, NW, and will feature a two-way dedicated busway running in the center of K Street from 12th Street NW to 21st Street NW.	Key Project
Powerline Underground Engineering (DC PLUG)	Implement the Power Line Underground Engineering (DC PLUG) to bring overhead electrical feeders affected by outages underground. This is a partnership between DDOT constructing the underground facilities and Pepco installing the underground electric distribution system.	Key Project
Streetscapes Program	Improvement of various streetscapes throughout the District including the road, sidewalks, street furniture, trees, and open spaces that combine to form the street's character.	Daily Service
DC Water Megaproject	Ongoing permitting support for DC Water Megaprojects.	Key Project
Frederick Douglass Memorial Bridge	Improve low condition ratings of the Southwest Freeway Bridge over South Capitol Street through bridge rehabilitation.	Key Project
<b>6 - Create and maintain a highly efficient, transparent, and responsive District government. (5 Activities)</b>		
Research, Development & Technology Transfer Program	Facilitates and promotes research activities that introduce new practices to DDOT and improve the knowledge, expertise, and performance of DDOT staff. The program oversees the DDOT Library, funds research projects, conducts scans of best practices, promotes DDOT research nationally, and joins with others to find solutions to transportation problems.	Daily Service
Fleet and Facilities Management and Risk Management	Maintenance of the DDOT fleet and facilities as well as safety and risk management of those for employees	Daily Service
Information Technology and Performance Management	Ongoing software improvements, development, and data analysis to enhance operations	Daily Service
Customer Service Clearinghouse and Community Engagement	Internal call center and writer/editors and external community engagement team to communicate with and engage with the public, ANC, and other stakeholders to ensure quality service and responsiveness.	Daily Service
Human Resources, Budget Allocation, and Civil Rights	Management of the human resources functions including training, budget resource allocation as well programs and policies related to civil rights for transportation such as equal access, equal employment, and language access.	Daily Service

## Workload Measures (WMs)

Measure	FY 2019 Actual	FY 2020 Actual	FY 2021 Actual
<b>1 - Alley Maintenance (1 Measure)</b>			
Number of alleys resurfaced	128	150	232
<b>1 - Bridge Maintenance (1 Measure)</b>			
Number of deficient bridges	4	6	3
<b>1 - Roadway Maintenance (1 Measure)</b>			
Number of pothole service requests completed	12,586	4367	3431
<b>1 - Street Light Maintenance (1 Measure)</b>			
Number of street lights repaired	29,782	23,799	21,556
<b>2 - Public Space Regulation (2 Measures)</b>			
Number of building sites assessed for accessibility of path of travel	New in 2022	New in 2022	New in 2022
Number of public space inspections	58,821	56,979	49,340
<b>2 - Street Signs and Markings (2 Measures)</b>			
Miles of Markings Touched	224	138	30.2
Number of signs Installed	26,836	17,157	21,474
<b>2 - Traffic Management and Calming (1 Measure)</b>			
Number deployment locations covered for traffic control officers (TCOs)	298	1643	2669
<b>2 - Vision Zero (6 Measures)</b>			
Number of pedestrian serious injuries	188	114	95
Number of bicyclist fatalities	2	0	4
Number of motor-vehicle serious injuries	351	223	266
Number of bicyclist serious injuries	93	30	23
Number of pedestrian fatalities	13	14	13
Number of motor-vehicle fatalities	13	21	12
<b>3 - Bike and Pedestrian Active Transportation Program (1 Measure)</b>			
Miles of new trail completed	New in 2022	New in 2022	New in 2022
<b>3 - Circulator Operations, Infrastructure, and Expansion (1 Measure)</b>			
Number of Circulator Passengers	5,694,404	2,004,137	481,759
<b>3 - Greater DC Transit Management (2 Measures)</b>			
Number of transit stops improved to be compliant with accessibility guidelines	New in 2022	New in 2022	New in 2022
Number of Kids Ride Free passes picked up by students	33,520	33,706	25,174

Measure	FY 2019 Actual	FY 2020 Actual	FY 2021 Actual
<b>3 - Streetcar Operations Infrastructure and Expansion (1 Measure)</b>			
Number of Streetcar Passengers	1,100,000	504,993	62,544
<b>3 - Travel Demand Management (1 Measure)</b>			
Number of bike/ped counters installed	0	0	0
<b>4 - Urban Forest Preservation (1 Measure)</b>			
Number of trees planted citywide	7859	8464	8391

## Strategic Initiatives

Strategic Initiative Title	Strategic Initiative Description	Proposed Completion Date
<b>Curbside Management/Parking Regulation (2 Strategic initiatives)</b>		
Parking operations and maintenance contract	The Curbside Asset Management Services and Curbside Asset Management Equipment contracts are expected to be awarded by April 2022. These contracts will enable DDOT to continue to pursue an asset-light approach to managing the parking network, strategically reducing the universe of physical assets and components, which will allow for reduced operating costs and improved performance long term. Further, with meters starting to show their age from their initial deployment nearly 13 years ago, meter repairs are taking longer to complete. These contracts will allow for the phased replacement of aged assets, thereby helping to reduce maintenance demands and improve the meter network.	09-30-2022
Curbside Accessibility	As part of a pilot program, DDOT will install accessible parking spaces in selected areas that do not qualify for the Residential Disability Parking Permit. In addition, the agency will increase the number of permanent pick-up / drop off (PUDO) zones throughout the district.	09-30-2022
<b>Frederick Douglass Memorial Bridge (1 Strategic Initiative)</b>		
Frederick Douglass Bridge	In FY 2022, DDOT will complete the construction of the West Oval and East Oval, rehabilitate South Capitol Street from O Street to Potomac Avenue, and reconstruct segments of the I-195, Suitland Parkway, and South Capitol Street that connect to the bridge, complete the construction of landscaping, hardscaping, bicycle and pedestrian paths throughout the project limits, and remove the old bridge.	09-30-2022
<b>Greater DC Transit Management (1 Strategic Initiative)</b>		
Bus Priority	In FY 2022, DDOT's bus priority program will complete the construction of H & I Street NW 2.0, start construction on H Street NW (14th St to North Capitol) and Minnesota Ave SE (between Penn to East Capitol), complete design on Pennsylvania Ave SE (2nd to Barney Circle), and start design on MLK Jr. Ave SE 2.0 (Good Hope to Redwood), M Street SE 2.0 (South Capitol to 11th), 7th St NW (Mass to Penn Ave), and 8th St NE (Florida Ave to East Capitol).	09-30-2022
<b>Human Resources, Budget Allocation, and Civil Rights (2 Strategic initiatives)</b>		
Equity Assessment Tool	In FY 2022, DDOT will require project managers to describe how projects or programs promoted the shared and just distribution of benefits and burdens of an infrastructure investment or service. DDOT will require that every FY 2023 budget request submission complete the equity	09-30-2022
Accessible Building Entrances	In FY 2022, DDOT will develop accessibility guidelines for alteration and improvements to building entrances and terraces that allow access to persons with disabilities.	09-30-2022
<b>Powerline Undergrounding Engineering (DC PLUG) (1 Strategic Initiative)</b>		
The District of Columbia Power Line Undergrounding (DC PLUG)	In FY 2022, the District of Columbia Power Line Undergrounding initiative will receive approval of the Third Biennial Plan from the Public Service Commission (PSC), maintain Program Management Consultant contract, complete construction of first round feeder 14900, complete the design of three (3) first round feeders (14007, 14758, 15009), issue task orders for the design of four (4) second round feeders (467, 14093, 15021, 15171), start designs on three (3) additional second round feeders, award a civil design contract for one (1) second round of lines, complete the design of five (5) second round feeders (14008, 15001, 15166, 118, 14702), release Invitation for Bids (IFB) for three (3) first round feeders (14758, 15009, 14007), issue Construction Management and Inspection task orders for two (2) first round feeders (14758, 15009), and release IFB for three (3) second round feeders (14008, 15001, 15166).	09-30-2022
<b>Research, Development &amp; Technology Transfer Program (2 Strategic initiatives)</b>		
Circulator Bus Electrification Pilot	In FY 2022, the Transit Delivery Division (TDD) will receive and accept the new model Electric pilot bus, test with the current infrastructure, note any open items and provide feedback to the manufacturer to proceed with manufacturing the remaining 13 vehicles.	09-30-2022
Autonomous Vehicle Testing Program	In FY 2022, DDOT will propose and make available for public comment a rulemaking that would create a framework for the testing of autonomous vehicles.	09-30-2022
<b>Vision Zero (3 Strategic initiatives)</b>		
ATE program	In FY 2022, DDOT will issue and award a new ATE RFP to support the continuation of the program. The current proposal upgrades existing equipment, expands enforcement for bus/bike lane, school bus stop arm and expands existing deployments for stop sign, speed, red-light and truck oversize enforcement. DDOT will also upgrade all of the city's 129 camera units. These upgraded features include: 24x7 capture capability due to better lighting, higher capture rates due to upgraded radar detection systems, non-invasive detection for red-light camera deployments, better overall image and video quality, as well as ease of equipment portability.	09-30-2022
Vision Zero	In FY 2022, DDOT will formulate a public Vision Zero document that commits the agency to a proactive stance on roadway safety going forward, conduct a public safety campaign around road safety, conduct a site visit for every fatal crash that identifies opportunities to improve safety at that location, and analyze crash patterns to identify opportunities for safety improvement such as changes to high-injury corridors. DDOT will also redesign 100 locations, identified through Highway Safety Improvement Program (HSIP), High Injury Corridors, Annual Crash Statistics Report, Livability studies, Post-fatal crash site visits, Traffic Signal studies, and other Safety studies. 25 of these will be located along the High Injury Corridors.	09-30-2022
Open Streets	DDOT will host Open Streets events at Georgia Avenue in fall 2021 and 7th Street in spring/summer 2022. Open Streets is a time to celebrate all of our city's transportation options. The event will bring all ages to get active and enjoy the family fun.	09-30-2022

## American Rescue Plan Act KPIs

Measure	Directionality	ARPA Expenditure Code	ARPA Initiative	ARPA Sub-Initiative	ARPA Project Name	FY 2019 Actual	FY 2020 Actual	FY 2021 Actual	FY 2022 Target
<b>3 - Improve mobility and accessibility to expand transportation choices and reduce traffic congestion. (1 Measure)</b>									
Miles of protected bike lanes installed	Up is Better	6.01	Economic Recovery for Residents and Businesses	Future Mobility	Protected Bike Lanes	1.9	1.9	15.2	10