

District Department of Transportation FY2021

Agency District Department of Transportation

Agency Code KAO

Fiscal Year 2021

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

Measure	Directionality	FY 2018 Actual	FY 2019 Actual	FY 2020 Actual	FY 2021 Target
1 - Maintain and improve core transportation infrastructure to preserve the quality of the transportation network. (6 Measures)					
Percent of miles completed in the paving plan (current calendar year)	Up is Better	106.7%	110.1%	130.4%	100%
Percent of sidewalk blocks completed in the sidewalk plan (current calendar year)	Up is Better	126.1%	58.3%	81.4%	100%
Percent of pothole service requests filled and closed out within 72 hours	Up is Better	56.3%	30.5%	60.8%	87%
Percent of streets in "Fair" to "Excellent" condition	Up is Better	73.9%	78.2%	68.8%	75%
Percent of parking meters working daily	Up is Better	78.5%	83.1%	93.7%	95%
Mean time (hrs) to repair meters	Down is Better	New in 2020	New in 2020	79	24
2 - Reduce traffic related deaths and injuries and enhance safe utilization of the transportation network. (4 Measures)					
Number of bicyclist fatalities	Down is Better	4	2	0	0
Number of motor-vehicle fatalities	Down is Better	18	13	21	0
Number of pedestrian fatalities	Down is Better	12	13	14	0
Percent of public space applications approved within 30 days	Up is Better	93.8%	93%	89.9%	93%
3 - Improve mobility and accessibility to expand transportation choices and reduce traffic congestion. (3 Measures)					
Percent increase in Capital Bikeshare Ridership	Up is Better	-1.7%	-4.4%	-37.1%	3%
Percent of Circulator buses arriving on time	Up is Better	71%	66.3%	66.3%	80%
Miles of bike lanes installed	Up is Better	New in 2019	4.9	3.3	5
4 - Improve the livability and sustainability of transportation routes for local communities. (1 Measure)					
Number of livability study recommendations implemented	Up is Better	New in 2019	5	15	10

Operations

Operations Header	Operations Title	Operations Description	Type of Operations
1 - Maintain and improve core transportation infrastructure to preserve the quality of the transportation network. (6 Activities)			
Roadway Maintenance	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	Alley Maintenance	Sealing, patching, repairing and resurfacing alleys.	Daily Service
Bridge Maintenance	Bridge Maintenance	Preservation and maintenance of bridge assets.	Daily Service
Sidewalk Maintenance	Sidewalk Maintenance	Preservation and maintenance of curbs and sidewalks.	Daily Service
Street Light Maintenance	Street Light Maintenance	Maintenance of street and alley lights and poles.	Daily Service
Materials Testing Lab	Materials Testing Lab	Building of a new materials testing lab to support all road repair and building projects.	Key Project
2 - Reduce traffic related deaths and injuries and enhance safe utilization of the transportation network. (5 Activities)			
Traffic Signal Maintenance	Traffic Signal Maintenance	Maintenance of traffic signal assets	Daily Service
Vision Zero	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	Street Signs and Markings	Maintenance of citywide street signs and markings.	Daily Service
Public Space Regulation	Public Space Regulation	Issuance, inspection, and review of public space permits and construction zones.	Daily Service
Traffic Management and Calming	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
3 - Improve mobility and accessibility to expand transportation choices and reduce traffic congestion. (6 Activities)			
Bike and Pedestrian Active Transportation Program	Bike and Pedestrian Active Transportation Program	Management of the planning, maintenance, and safety of trails, bike paths, and other non-car paths.	Daily Service

Operations Header	Operations Title	Operations Description	Type of Operations
Streetcar Operations Infrastructure and Expansion	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	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	Travel demand management program, goDCgo, encourages District residents, employees, and visitors to reduce reliance on single-occupancy vehicles for travel.	Daily Service
Capital Bikeshare	Capital Bikeshare	Oversight of the bike rental program for citizens and visitors.	Daily Service
Circulator Operations, Infrastructure, and Expansion	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
4 - Improve the livability and sustainability of transportation routes for local communities. (6 Activities)			
Business Improvement and Economic Development	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	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	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 and in urban areas it captures rainfall; cools buildings and pavement; and creates natural pathways for wildlife.	Daily Service
Curbside Management/Parking Regulation	Curbside Management/Parking Regulation	Preservation and maintenance of parking meters and management of on-street parking regulations.	Daily Service
Planning and Sustainability Branch	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	M495 Marine Highway	M-495 Commuter Fast Ferry Service on the Occoquan, Potomac, and Anacostia River system.	Key Project
5 - Invest in long-term capital projects to enhance and preserve the infrastructure and assets of the transportation network. (6 Activities)			
Bridge, Tunnel, and Highway Reconstruction	Bridge, Tunnel, and Highway Reconstruction	Management of the numerous ongoing long-term capital projects within the District.	Key Project
K Street Transitway	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)	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	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	DC Water Megaproject	Ongoing permitting support for DC Water Megaprojects.	Key Project
Frederick Douglass Memorial Bridge	Frederick Douglass Memorial Bridge	Improve low condition ratings of the Southwest Freeway Bridge over South Capitol Street through bridge rehabilitation.	Key Project
6 - Create and maintain a highly efficient, transparent, and responsive District government. (5 Activities)			
Research, Development & Technology Transfer Program	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	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	Information Technology and Performance Management	Ongoing software improvements, development, and data analysis to enhance operations	Daily Service
Customer Service Clearinghouse and Community Engagement	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	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

Measure	FY 2018 Actual	FY 2019 Actual	FY 2020 Actual
1 - Alley Maintenance (1 Measure)			
Number of alleys resurfaced	109	128	150
1 - Bridge Maintenance (1 Measure)			
Number of deficient bridges	6	4	6
1 - Roadway Maintenance (1 Measure)			
Number of pothole service requests completed	1876	12,586	4367
1 - Street Light Maintenance (1 Measure)			
Number of street lights repaired	28,384	29,782	23,799
2 - Public Space Regulation (1 Measure)			
Number of public space inspections	61,379	58,821	56,979

Measure	FY 2018 Actual	FY 2019 Actual	FY 2020 Actual
2 - Street Signs and Markings (2 Measures)			
Number of signs Installed	30,079	26,836	17,157
Miles of Markings Touched	124	224	138
2 - Traffic Management and Calming (1 Measure)			
Number deployment locations covered for traffic control officers (TCOs)	518	298	1643
2 - Vision Zero (3 Measures)			
Number of bicyclist serious injuries	33	93	30
Number of pedestrian serious injuries	80	188	114
Number of motor-vehicle serious injuries	145	351	223
3 - Circulator Operations, Infrastructure, and Expansion (1 Measure)			
Number of Circulator Passengers	4,644,905	5,694,404	2,004,137
3 - Greater DC Transit Management (1 Measure)			
Number of Kids Ride Free passes picked up by students	27,133	33,520	33,706
3 - Streetcar Operations Infrastructure and Expansion (1 Measure)			
Number of Streetcar Passengers	1,171,527	1,100,000	504,993
3 - Travel Demand Management (1 Measure)			
Number of bike/ped counters installed	2	0	0
4 - Green Infrastructure Maintenance and Environmental Programs (1 Measure)			
Number of Green Infrastructure Sites Maintained	279	414	407
4 - Urban Forest Preservation (1 Measure)			
Number of trees planted citywide	8091	7859	8464

Strategic Initiatives

Strategic Initiative Title	Strategic Initiative Description	Proposed Completion Date
Frederick Douglass Memorial Bridge (1 Strategic Initiative)		
Frederick Douglass Bridge	In FY21, on the Frederick Douglass Bridge project DDOT will complete the substructure on the main bridge and remove temporary trestle.	09-30-2021
K Street Transitway (1 Strategic Initiative)		
K Street Transitway	In FY21, on the K Street Transitway project DDOT will initiate a new contract for Final Design. DDOT will complete 65% Design and begin 100% Design. The Transitway will include median-separated, center-running bus lanes and protected bike lanes.	09-30-2021
M495 Marine Highway (1 Strategic Initiative)		
M495 Marine Highway Project	On or about November 1, 2020, DDOT will finalize and sign the MOU and begin transfer of funds to the Northern Virginia Regional Commission (NVRC) for the Business Case/Phase 1 Scope of Services. The business case will serve as a foundation for public and private investment support of the M495 Marine Highway Project.	09-30-2021
Powerline Undergrounding Engineering (DC PLUG) (1 Strategic Initiative)		
DC Power Line Undergrounding	DC PLUG is a project to move above ground electric lines underground. In FY21, DC PLUG will (a) award contracts for civil design of the first round of lines, (b) award contracts for civil design of the second round of lines, (c) begin design of Feeder 14007 and 15009, (d) Procure Construction Management and Inspection Services for Feeder 368, (e) complete design of Feeder 368 (first round feeder) and release Construction IFB, (f) complete design of Feeder 14758, (g) start designs for 6 of 10 second round feeders, and (h) develop and submit the third biennial plan to the Public Service Commission.	09-30-2021
Vision Zero (1 Strategic Initiative)		
Vision Zero	In FY21, the Vision Zero program will complete at least 25 miles of Slow Streets, reducing vehicular traffic and speeds on selected neighborhood streets to support non-auto travel and neighborhood-based recreation as a Covid-19 response; improve integration of the Automated Traffic Enforcement (ATE) program into the overall safety program, through co-location of engineering improvements and cameras; and complete a post-fatal crash site visit and memo within 90 days of each fatal crash in FY21.	09-30-2021