

6. Addition of Facilities to the Federal Functional Classification System

BACKGROUND

The Federal Functional Classification System (FFCS) provides a framework for identifying the role of a roadway in moving vehicles through the network of highways. The FFCS groups roadways into seven categories according to the service they are intended to provide: Interstates, Other Freeways & Expressways, Other Principal Arterials, Minor Arterials, Major Collectors, Minor Collectors, and Local Roads. The Federal Functional Classification system is used in determining the eligibility of funding under the Federal-aid program. Please find the Federal Highway Administration's (FHWA's) Functional Classification Concepts, Criteria and Procedures [here](#).

CURRENT SITUATION

At October meeting staff previewed the Texas Department of Transportation's (TxDOT) request to add the following two proposed regional roadways to the Federal Functional Classification system. (Please see the attached documents from TXDOT [here](#) for more information, including maps.)

NASA Rd 1 Bypass Extension: Update the federal functional classification of NASA Rd 1 bypass extension as Major Collector (5) between FM 528 and Landing Blvd. (0.88 Miles) within City of Webster in Harris County. City of Webster is proposing to construct NASA Rd 1 extension as a 4-lane divided section on new alignment with pedestrian/bicycle accommodations.

Landing Blvd/NASA Rd 1 bypass Extension: Update the federal functional classification of Landing Blvd./NASA Rd 1 bypass extension as a Minor Arterial (4) between FM 518 and IH 45 S (1.65 Miles) within cities of Webster/League City in Harris and Galveston counties. City of League City is proposing to construct Landing Blvd/NASA Rd 1 bypass extension as a 4-lane divided section on new alignment with pedestrian/bicycle accommodations.

Both these projects (17080 & 17081) are programmed to go to construction in FY 2023 of the FY 2023-2026 TIP. The proposed functional class updates are consistent with the City of Webster Thoroughfare Plan, City of League City Master Mobility Plan and the FHWA functional class update requirements.

ACTION REQUESTED

Recommendation for Transportation Policy Council approval of Resolution 2022-40.



Resolution

NO. 2022-40

APPROVING THE REQUEST FROM THE TEXAS DEPARTMENT OF TRANSPORTATION TO ADD PROPOSED NASA ROAD 1 FROM FM 528 TO PROPOSED LANDING BLVD AND PROPOSED LANDING BLVD/NASA ROAD 1 FROM FM 518 AND IH 45 TO THE FUNCTIONAL CLASSIFICATION SYSTEM

WHEREAS, the City of Webster is proposing to construct NASA Road 1 bypass extension from FM 528 to proposed Landing Blvd as a 4-lane divided roadway with pedestrian/bicycle accommodations; and

WHEREAS, the City of League City is proposing to construct Landing Blvd/NASA Road 1 bypass from FM 518 to IH 45 as a 4-lane divided roadway with pedestrian/bicycle accommodations; and

WHEREAS, the proposed NASA Road 1 bypass extension from FM 528 to proposed Landing Blvd is proposed to be added to the federal functional classification system as a major collector; and

WHEREAS, the proposed Landing Blvd/NASA Road 1 bypass from FM 518 to IH 45 is proposed to be added to the federal functional classification system as a minor arterial.

WHEREAS, the proposed functional classification designations for NASA Road 1 bypass extension from FM 528 to proposed Landing Blvd/NASA Road 1 bypass and the Landing Blvd/NASA Road 1 bypass from FM 518 to IH 45 are consistent with City of Webster Thoroughfare Plan and the City of League City Mobility Plan respectively; and

WHEREAS, the proposed functional classification designations for NASA Road 1 bypass extension from FM 528 to proposed Landing Blvd/NASA Road 1 bypass and the Landing Blvd/NASA Road 1 bypass from FM 518 to IH 45 are consistent with FHWA Highway Functional Classification Concepts, Criteria and procedures.

NOW, THEREFORE, BE IT RESOLVED BY THE TRANSPORTATION POLICY COUNCIL (TPC) FOR THE HOUSTON-GALVESTON TRANSPORTATION MANAGEMENT AREA THAT THE TEXAS DEPARTMENT OF TRANSPORTATION REQUEST TO ADD THE PROPOSED NASA ROAD 1 BYPASS EXTENSION FROM FM528 TO PROPOSED LANDING BLVD AND THE PROPOSED LANDING BLVD/NASA ROAD 1 BYPASS FROM FM 518 TO IH 45 BE ADDED TO THE FEDERAL FUNCTIONAL CLASSIFICATION SYSTEM AS A MAJOR COLLECTOR AND A MINOR ARTERIAL DESIGNATIONS.

PASSED AND APPROVED this 18th day of November 2022, at a regularly called meeting of the Transportation Policy Council.

APPROVED:

ATTEST:

Hon. David Robinson, Chairman
Transportation Policy Council

Hon. Nancy Arnold, Secretary
Transportation Policy Council