

City of Fayetteville Staff Review Form

2018-0397

Legistar File ID

8/7/2018

City Council Meeting Date - Agenda Item Only
N/A for Non-Agenda Item

Chris Brown

7/20/2018

ENGINEERING (621)

Submitted By

Submitted Date

Division / Department

Action Recommendation:

Approval of a resolution adopting the Fayetteville Mobility Plan Implementation Strategies and Tasks for 2018 and 2019

Budget Impact:

Account Number

Fund

Project Number

Project Title

Budgeted Item? No

Current Budget

Funds Obligated

Current Balance

Does item have a cost? No

Item Cost

Budget Adjustment Attached? No

Budget Adjustment

Remaining Budget

\$

V20140710

Previous Ordinance or Resolution #

Original Contract Number:

Approval Date:

Comments:



MEETING OF AUGUST 7, 2018

TO: Mayor and City Council

THRU: Don Marr, Chief of Staff
Garner Stoll, Development Services Director

FROM: Chris Brown, City Engineer

DATE: July 20, 2018

SUBJECT: **A resolution approving the Fayetteville Mobility Plan Implementation Strategies and Tasks for 2018 and 2019**

RECOMMENDATION:

Staff recommends approval of Mobility Plan Implementation Strategies and Tasks as detailed by the spreadsheet attached.

BACKGROUND:

In 2015, a selection committee consisting of City staff members and City Council Member Matthew Petty selected the team of Nelson Nygaard Consulting Associates, Inc. and Garver, Inc. to provide consulting services for the Transportation Master Plan; the City Council approved the contract with the consulting team in March 2016.

Over a two-year period, the consultant developed a multi-modal plan and recommendations for transportation projects and policies, including a proposed master street plan and typical cross sections, recommendations for operational changes, revisions to policies and regulations related to development of transportation infrastructure, and a project selection and prioritization tool for use in developing capital plans for all types of projects.

DISCUSSION:

The attached list of implementation tasks summarizes the action steps to be taken to implement the recommendations of the Mobility Plan. 7 general strategies are listed, with detailed action items identified for each strategy. In some cases, the tasks are further broken down into subtasks.

Schedules for task completion are also provided. The level of scheduling detail for each item varies as noted; scheduling detail will continue to evolve as implementation proceeds. Completion of all tasks (except for those noted as ongoing) is expected by 2019. At that time, the schedule may be updated to reflect additional implementation efforts.

BUDGET/STAFF IMPACT:

There are no direct budgetary implications tied to this action, other than staff time necessary to complete the various tasks. Rather, the cost of implementation will be imbedded in future budget and workplan decisions, and/or will be approved by the City Council when contracts or outside consultants, ordinance revisions, etc. are needed.

Attachments:

Implementation Strategies and Tasks Spreadsheet

Fayetteville Mobility Plan Implementation Strategies and Tasks-2018 and 2019

	Strategy		Action Item Summary	Task Detail	Completion Timeframe	
1	Increase walkability in downtown and other high pedestrian areas	1.1	Construct comfortable sidewalks (with adequate width and greenspace) on at least one side of all streets, and on both sides of streets in downtown areas, and on arterials	Detailed in Item 6	Ongoing	
		1.2	Replace substandard sidewalks, particularly on key pedestrian routes, to provide an adequate buffer, sufficient widths, and shade	Detailed in Item 6	Ongoing	
		1.3	Add Traffic Calming in Residential Areas	1.3.1	Consolidate List of Traffic Calming Requests	Complete
		1.3.2		Develop prioritization method/policy and list of priorities	3rd Qtr. 2018	
		1.3.3		Neighborhood input on solutions at selected locations	4th Qtr. 2018	
		1.3.4		Implementation of 2018 projects	1st Qtr. 2019	
		1.3.5		Program future projects	Ongoing	
		1.4	Ensure adequate maintenance of pedestrian ways, including vegetation maintenance and identification of trip hazards.	1.4.1	Ordinance Revisions to strengthen code related to sidewalk maintenance	Complete
				1.4.2	Implementation of Code Enforcement SOP and Education Program	Ongoing
		1.5	Invest in sidewalk amenities that improve the safety and attractiveness of the walk environment, such as lighting, street trees, furniture, etc.	1.5.1	Included with all sidewalk projects as appropriate	Ongoing
2	Improve Pedestrian Safety and Comfort at Intersections and Crossing Locations	2.1	Install crosswalk markings at high pedestrian traffic locations to provide indications of pedestrian crossings to motorists and to slow down vehicular traffic with visual elements	2.1.1	Inventory of existing crosswalks	3rd Qtr 2018
				2.1.2	Identify priority locations	Dec. 2018
				2.1.3	Installation as budget allows/as part of street overlay program	2019/Ongoing
		2.2	Install auto recall functions for pedestrian crossing signals along high activity corridors and/or intersections.	2.2.1	Identify priority locations	Dec. 2018
				2.2.2	Install new functionality as workload allows	2019/Ongoing
		2.3	Increase pedestrian walk phase time and/or upgrade to countdown pedestrian heads at high pedestrian areas	2.3.1	Identify priority locations	Dec. 2018
				2.3.2	Install new heads at priority locations as budget allows	2019/Ongoing
		2.4	Add Pedestrian Refuge Islands where crossing lengths are excessive	2.4.1	As Part of Overlays or Other Improvements	Immediate/Ongoing
3	Enhance Access to Transit Services	3.1	Re-design ORT Transit Routes around BRT Route	3.1.1	City Staff Design Workshop	Complete
				3.1.2	Implement selected route design	Fall 2018
		3.2	Identify, purchase land for, and construct transit stations in key locations	3.2.1	Identify budget level in bond program	2019
		3.3	Enhance pedestrian accessibility to transit stops	3.3.1	Include transit stops in prioritization criteria for sidewalk projects	Ongoing
3.4	Identify sustainable long-term transit funding	3.4.1	Regional Funding Discussion	TBD		

Fayetteville Mobility Plan Implementation Strategies and Tasks-2018 and 2019

	Strategy		Action Item Summary	Task Detail	Completion Timeframe		
4	Maximize Available Transportation Funding	4.1	Pursue federal, state, and private grant funding opportunities to complete prioritized projects.	4.1.1 Review draft project plans with funding partners (ArDOT, UA, private funding sources, etc.) to determine interest in particular projects	3rd Qtr. 2018		
				4.1.2 Apply for and manage grants	TBD by Project		
		4.2	Consider jurisdictional swaps/transfers with ArDOT in exchange for capital improvements.	4.2.1 Meet with ArDOT discuss priorities, schedules, funding availability	3rd Qtr. 2018		
				4.2.2 Est. budgets for capital investments vs. cost of long term maintenance	2018		
				4.2.2 Establish agreements with ArDOT for identified priorities	TBD		
		4.3	Pursue cost sharing opportunities on development projects to complete identified priority projects	4.3.1 Determine budget allocation for cost sharing projects through bond program or other funding sources	2018		
				4.3.2 Identify opportunities to complete improvements identified in Transportation Division programs and the bond program as part of development projects	Ongoing		
		4.4	Identify new technologies, materials, and construction methods to reduce capital and maintenance costs	4.4.1 Staff training on thin lift asphalt, sealant technologies, smart traffic signals, and other emerging technologies	Ongoing		
5	Develop a Capital Project Plan that considers all modes and users.	5.1	Develop Project Scoring Tool using metrics that reflect City values, goals and objectives	5.1.1 Collect data and develop GIS map with all data to be used for scoring projects using metrics identified during Mobility Plan development	Complete		
		5.2	Use the scoring tool to develop a preliminary list of priority projects from the Mobility Plan Report and other projects identified by the City Council and Administration	5.2.1 Score projects identified in the Mobility plan	June 2018		
				5.2.2 Program and estimate costs for identified projects and establish benefit cost ratio for each	Aug. 2018		
		5.3	Implement a public involvement process to inform the public and to receive input on the priority list	5.3.1 Preliminary Review by Transportation Committee	Sept. 2018		
				5.3.2 Develop presentation map to allow for public review and comment	Sept. 2018		
		5.4	Final Capital Plan	5.4.1 Finalize project list for city council approval to be funded by upcoming bond issue	Dec. 2018		
		6	Implement a data-based approach to development of Transportation Division sidewalk and trail construction and pavement overlay programs	6.1	Develop Multi-Year Sidewalk and Overlay Programs	6.1.1 Procure contractor and manage project to inventory pavement condition, sidewalks, and ADA ramps.	Sept. 2018
						6.1.2 Use sidewalk inventory data and project selection tool to score and prioritize sidewalk projects.	Dec. 2018
6.1.3 Use pavement condition inventory to develop multi-year pavement management program	Dec. 2018						
6.1.4 Implementation of sidewalk and overlay plans per budget	Ongoing						
6.2	Evaluate 5 Year Trails Program using the project scoring tool			6.2.1 Score projects on existing 5 year plan	2nd Qtr. 2019		
				6.2.2 Adjust plan per scoring results	Dec.2019		
6.3	Develop infrastructure plan map to integrate all infrastructure plans, for presentation to the public and for use by staff for project planning.				1st Qtr. 2019		

**Fayetteville Mobility Plan
Implementation Strategies and Tasks-2018 and 2019**

	Strategy		Action Item Summary	Task Detail	Completion Timeframe
7	Ensure City Policies and Ordinances further Mobility Plan Goals and Objectives	7.1	Update of Master Street Plan using Mobility Plan framework	7.1.1 Finalize typology map and correlate with Land Use Update	Aug. 2018
				7.1.2 Finalize cross sections	Oct. 2018
				7.1.3 Approval of master street plan update	Dec. 2018
		7.2	Update Minimum Street Standards to match new master street plan cross sections and to more closely align with National Association of City Transportation Officials (NACTO) Guidelines, including contextual guidance for bike facilities for all ages and abilities.		2019
		7.3	Develop and maintain inventory of ADA compliant travel ways and curb ramps, and ensure steady progress toward complete accessibility compliance; develop policy for accessibility upgrades on street overlay projects		2019
		7.4	Incorporate street trees into sidewalk and street projects when feasible		Immediate/Ongoing
		7.5	Ensure designs for in-house sidewalk projects meet the guidelines of the Master Street Plan and Minimum Street Standards		Immediate/Ongoing
7.6	Update Street and Right of Way Excavation Policy and Ordinance to ensure quality and timely street repairs		2019		