

System Improvements
System Level Mobility Improvements

Legend:
Staff Recommendation

System Improvements are projects and programs that improve City networks and fall into the following subcategories:

Citywide: includes the Travel Demand Management Program and improvements to the Advanced Transportation Management System and Signals Program.

Deferred 1/4-Cent Projects: includes two urban trail improvements, intended to improve access to transit.

All Ages & Abilities Network: includes improvements to the Active Transportation Program (bicycle facilities) and urban Trails. While these improvements may be located in specific districts, they improve the Citywide on-street and off-street bicycle network.

Corridor Study Area Near-Term Improvements: includes short-Term improvements identified in completed Corridor Improvement Programs. These programs have been completed for five major arterials in the City's jurisdiction.

Projects that make up \$6,769,000 of the total \$21.8M in the System Improvements category are highlighted in yellow below. All projects that were identified in the Quarter Cent needs assessment are listed in rank order based on their citywide project ranking, shown in the last column on the right.

Project Subcategory	Program	Asset Type	District	Project Name	Cost	Program Score	Program Ranking	Project Score	Citywide Project Ranking
Citywide	Travel Demand Management Program	Travel Demand Management	3, 4, 5, 7, 8, 9, 10	Smart Trips Program	\$ 1,000,000	NA	NA	NA	NA
	Advanced Transportation Management System	Signal Firmware	All	Signal Firmware	\$ 1,500,000	NA	NA	NA	NA
	Advanced Transportation Management System	Traffic Cameras Signal	All	Traffic Cameras for 100% coverage of Critical Arterials	\$ 624,000	NA	NA	NA	NA
	Advanced Transportation Management System	Communications Equipment	All	Signal Communications Equipment for 100% of signals on Critical Arterials	\$ 340,000	NA	NA	NA	NA
	Signals Program	System	All	Batery Backups for Priority 1 Critical Arterials	\$ 440,000	NA	NA	NA	NA
Awarded Citywide Total					\$ 2,404,000				
Citywide Total					\$ 3,904,000				

Project Subcategory	Program	Asset Type	District	Project Name	Cost	Program Score	Program Ranking	Project Score	Citywide Project Ranking
Deferred 1/4-Cent Projects	Urban Trails Program	Urban Trails	1	Upper Boggy Creek Trail (12th to MLK)	\$ 1,600,000	NA	1	3	6
	Urban Trails Program	Urban Trails	9	Seaholm District Pedestrian Railroad Crossing	\$ 275,000	NA	NA	NA	NA
Awarded Deferred 1/4-Cent Projects Total					\$ 1,875,000				
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Project Subcategory	Program	Asset Type	District	Project Name	Cost	Program Score	Program Ranking	Project Score	Citywide Project Ranking	
All Ages & Abilities Network	Active Transportation Program	Bicycle Facilities	4, 7, 9, 10	Northloop/53rd/Hancock (Valley Oak to Airport Blvd) Protected Bicycle Lane	\$ 200,000	NA	1	5	1	
	Active Transportation Program	Bicycle Facilities	4, 7, 9, 10	Pleasant Valley Bridge Preliminary Study & Near-Term Improvements	\$ 1,500,000	NA	1	4	2	
	Urban Trails Program	Urban Trails	3	Cameron Road (290 to Northern Walnut Creek)	\$ 100,000	NA	2	4	3	
	Active Transportation Program	Bicycle Facilities	1, 4	Protected Bicycle Lane	\$ 300,000	NA	NA	4	4	
	Active Transportation Program	Bicycle Facilities	1, 9	Congress (Barton Springs to 11th) Safety Improvements and Bicycle Lanes	\$ 400,000	NA	NA	4	4	
	Active Transportation Program	Bicycle Facilities	3, 9	Riverside (I35 to Ben White) Protected Bicycle Lanes	\$ 1,000,000	NA	1	3	4	
	Urban Trails Program	Urban Trails	1, 4, 9	Red Line Trail from Denson to Middle Fiskville	\$ 398,920	NA	1	3	5	
	Active Transportation Program	Bicycle Facilities	3	5th (Chicon to Shady) Protected Bicycle Lane	\$ 667,488	NA	1	3	5	
	Active Transportation Program	Bicycle Facilities	1, 3	Springdale (Cesar Chavez to MLK Jr) Protected Bicycle Lane	\$ 480,176	NA	1	3	5	
	Active Transportation Program	Bicycle Facilities	3, 9	Parker Lane(Riverside to Woodward) Protected Bicycle Lane	\$ 200,000	NA	1	3	5	
	Active Transportation Program	Bicycle Facilities	7, 10	Shoal Creek (38th to Anderson) Protected Bicycle Lane	\$ 700,351	NA	1	3	5	
	Active Transportation Program	Bicycle Facilities	1	12th Street (Branch to Webberville) Protected Bicycle Lane	\$ 600,000	NA	2	3	6	
	Active Transportation Program	Bicycle Facilities	2, 5	Slaughter (Brodie to I35) Protected Bicycle Lane	\$ 350,777	NA	1	2	8	
	Active Transportation Program	Bicycle Facilities	4	Georgian (St Johns to Rundgerg) Buffered Bicycle Lane	\$ 185,119	NA	1	2	8	
	Active Transportation Program	Bicycle Facilities	9, 10	Verterans Dr and Stephen F Austin Dr (Cesar Chavez to Lake Austin) Protected Bicycle Lane	\$ 453,116	NA	2	1	12	
	Active Transportation Program	Bicycle Facilities	9	Duval (San Jacinto to 51st) Protected Bicycle Lane	\$ 100,000	NA	2	0	15	
	Active Transportation Program	Bicycle Facilities	8	Escarpment (Davis to SH45) Protected Bicycle Lane	\$ 2,100,000					
	Awarded All Ages & Abilities Network Total					\$ 7,635,947				
	All Ages & Abilities Network Total					\$ 7,635,947				

Project Subcategory	Program	Asset Type	District	Project Name	Cost	Program Score	Program Ranking	Project Score	Citywide Project Ranking
Corridor Study Area Near-Term Improvements									
Lamar Blvd Corridor Study Area	Signals Program	Pedestrian Hybrid Beacon	4	9616 N Lamar Blvd. between Rutland and Longspur	\$ 75,000	550	6	5	2
	Signals Program	Pedestrian Hybrid Beacon	4	N Lamar Blvd @ Ferguson Dr	\$ 75,000	NA	57	4	13
	Signals Program	Pedestrian Hybrid Beacon	4	822 Rutland Dr. near HEB	\$ 75,000	520	9	3	19
	Signals Program	Pedestrian Hybrid Beacon	4	N Lamar Blvd. @ Deen Ave.	\$ 75,000	430	26	3	25
	Signals Program	Pedestrian Hybrid Beacon	4	N Lamar Blvd. @ Meadowlark	\$ 75,000	430	26	3	25
	Signals Program	Pedestrian Hybrid Beacon	7	N Lamar Blvd @ Little Oak Dr	\$ 75,000	NA	57	2	78
	Signals Program	Pedestrian Hybrid Beacon	7	N Lamar Blvd north of Parmer Ln	\$ 75,000	NA	57	1	131
	Signals Program	Signal	4	N. Lamar @ Powell Lane	\$ 165,000	310	6	3	18
	Signals Program	Signal	7	11800 N. Lamar Blvd.	\$ 165,000	6	122	2	92
	Awarded Lamar Blvd Corridor Study Area Total					\$ 75,000			
Lamar Blvd Corridor Study Area Total					\$ 855,000				
Airport Blvd Corridor Study Area	Signals Program	Pedestrian Hybrid Beacon	3	1144 Airport Blvd.	\$ 75,000	600	2	3	14
	Signals Program	Pedestrian Hybrid Beacon	1	Airport Blvd @ E 16th St	\$ 75,000	NA	57	3	36
	Signals Program	Pedestrian Hybrid Beacon	1	Airport Blvd between E 12th St and Oak Springs Dr	\$ 75,000	NA	57	3	36
	Signals Program	Pedestrian Hybrid Beacon	1, 3	Airport Blvd. @ Gunter St.	\$ 75,000	440	24	2	56
	Signals Program	Pedestrian Hybrid Beacon	9	Airport Blvd. @ 46th St.	\$ 75,000	440	24	2	56
	Signals Program	Pedestrian Hybrid Beacon	9	Airport Blvd. @ Parkwood Rd.	\$ 75,000	420	28	2	60

Project Subcategory	Program	Asset Type	District	Project Name	Cost	Program Score	Program Ranking	Project Score	Citywide Project Ranking
	Signals Program	Pedestrian Hybrid Beacon	9	Airport Blvd @ Antone St	\$ 75,000	NA	57	2	78
	Signals Program	Pedestrian Hybrid Beacon	9	45th St. @ Bennett Ave.	\$ 75,000	500	13	0	150
	Signals Program	Pedestrian Hybrid Beacon	4	Airport Blvd @ E 55th St	\$ 75,000	NA	57	2	78
	Signals Program	Signal	1	MLK Jr. Blvd. @ Tillery St.	\$ 165,000	362	3	2	41
Awarded Airport Blvd Corridor Study Area Total					\$ -				
Airport Blvd Corridor Study Area Total					\$ 840,000				
Riverside Dr Corridor Study Area	Signals Program	Pedestrian Hybrid Beacon	9	Riverside Dr. @ Summit St.	\$ 75,000	405	31	3	30
	Signals Program	Signal	3	E. Riverside Dr. @ Frontier Valley Dr.	\$ 165,000	141	56	2	75
	Signals Program	Signal	3	E. Riverside Dr. @ Kenneth Ave.	\$ 165,000	94	86	2	84
	Signals Program	Signal	3	E. Riverside Dr. @ Anise Dr.	\$ 165,000	56	105	2	89
	Signals Program	Signal	3	Riverside Dr. @ Vargas Rd.	\$ 165,000	NA	125	2	93
	Signals Program	Signal	2	E. Riverside Dr. @ Metro Center	\$ 165,000	138	59	1	132
	Arterial Streets Geometric Improvements Program	Intersection Improvements	2	Complete detailed design for Montopolis @ Riverside	\$ 36,000	NA	NA	NA	NA
Awarded Riverside Dr Corridor Study Area Total					\$ 75,000				
Riverside Dr Corridor Study Area Total					\$ 936,000				
Burnet Rd Corridor Study Area	Signals Program	Pedestrian Hybrid Beacon	7	Burnet Rd. @ Penny Ln.	\$ 75,000	505	12	3	21
	Signals Program	Pedestrian Hybrid Beacon	7	10409 N Burnet Rd. near Travis County Adult Probation	\$ 75,000	320	45	3	34
	Signals Program	Pedestrian Hybrid Beacon	7	Burnet Rd south of Research Blvd	\$ 75,000	NA	57	3	36
	Signals Program	Pedestrian Hybrid Beacon	7	Burnet Rd. @ Ashdale Dr.	\$ 75,000	NA	57	2	76
Awarded Burnet Rd Corridor Study Area Total					\$ 75,000				
Burnet Rd Corridor Study Area Total					\$ 300,000				
FM 969 Corridor Study Area	Signals Program	Signal	1	FM 969 @ Sendero Hills Drive	\$ 165,000	210	21	2	53
	Signals Program	Signal	1	FM 969 @ Nixon Ln	\$ 165,000	140	57	2	77
	Signals Program	Signal	1	FM 969 @ Park at the Woodlands	\$ 165,000	50	108	1	143
	Signals Program	Pedestrian Hybrid Beacon	1	FM 969 Rd @ Regency Dr	\$ 75,000	NA	57	2	78
	Active Transportation Program	Bicycle Facilities	1	Complete detailed design for FM 969 from US 183 to Decker Lane to restripe for Bicycle Lanes	\$ 12,360	NA	NA	NA	NA
	Sidewalk Program and Signals Program	Sidewalk and Signals	1	Complete detailed design for FM 969 from Regency to Craigwood	\$ 61,440	NA	NA	NA	NA
Awarded FM 969 Corridor Study Area Total					\$ 165,000				
FM 969 Corridor Study Area Total					\$ 643,800				
Grand Total					\$ 16,989,747				