


Note: As of the date of this document, the roadways shown are part of a draft Master Thoroughfare Plan that, has been reviewed, but not adopted by the McKinney City Council. The draft Master Thoroughfare Plan provides generalized locations, not precise alignments, of future thoroughfares. Alignments shown may shift as roads are engineered and designed. As of the date of this document, location(s) for a Limited Access Roadway (LARs) in close proximity to the McKinney National Airport are being considered by the Texas Department of Transportation (TxDOT); however, have not been identified, finalized or approved and are not shown here.



KEY
 MALSR - Medium Intensity Approach Lighting System with Runway Alignment Indicator Lights
 REIL - Runway End Identification Lights
 PAPI - Precision Approach Path Indicator

LEGEND	
	Existing Airport Property Line
	Ultimate Airport Property Line
	Taxiway Name
	U.S. Customs and Border Protection
	Runway Safety Area
	Runway Object Free Area
	Runway Protection Zone
	Ultimate Road/Parking
	Ultimate Airfield Pavement
	Ultimate Building
	To Be Removed
	Terminal Expansion Reserve
	35' Building Restriction Line
	North Terminal Area Redevelopment
	Acquire Property Interests
	Runway High-Energy Area
	Non-Airport Development (see note)

Project Number and Description ¹		Development Category	Total Project Cost	FAA or TxDOT Eligible	Airport/Local Share	KEY AND NOTES
SHORT TERM PROGRAM (1-5 YEARS)						
1	Construct FBO Facility, Reconfigure Terminal Area Vehicle Access/Parking, and Construct Conventional Hangar in Southwest Development Area (In Design Phase) ²	DM/OP	\$16,000,000	\$1,100,000	\$14,900,000	<p>Development Category SS - Safety/Security EN - Environmental MN - Maintenance EF - Efficiency DM - Demand OP - Opportunity</p> <p>¹ Project implementation is dependent on federal and state grant funding and availability. ² FBO facility is eligible for up to \$500,000 through TxDOT's terminal building program. Hangar development is eligible for NPE funds and would require the Airport to set aside up to four years of funding at \$150,000 per year. ³ Fuel farm expansion is eligible for NPE funds and would require the Airport to set aside up to four years of funding at \$150,000 per year. ⁴ For purposes of this study, it will be assumed that NPE funds will be utilized for other Airport projects in the Intermediate Term Program. ⁵ General aviation terminal facility is eligible for up to \$500,000 through TxDOT's terminal building program.</p> <p>A detailed listing of acronyms are provided in Chapter Six of the Master Plan.</p> 
2	Relocate Portion of Taxiway B3 to Meet Airfield Geometry Standards	SS	\$1,221,300	\$1,099,170	\$122,130	
3	Rehabilitate/Reconstruct Taxilane A (currently Taxiway A)	MN	\$7,050,500	\$6,345,450	\$705,050	
4	Acquire Approximately 48 Acres of Land on West Side of Airport (South of Industrial Boulevard) for Landside Development	DM/OP	\$16,727,000	\$15,054,300	\$1,672,700	
5	Relocate Hold Position Markings to 256' to Meet RDC D-III Design Standards	SS	\$268,300	\$241,470	\$26,830	
6	Acquire Approximately 326 Acres of Land on East Side of Airport for Future Landside Development	DM/OP	\$28,401,100	\$25,560,990	\$2,840,110	
7	Extend Hangar Access Taxilane (50' Wide) Approximately 500' West (Extension of Taxiway B5) and Reconstruct Existing Taxilane	DM/OP	\$1,877,500	\$1,689,750	\$187,750	
8	Extend Hangar Access Taxilane (50' Wide) Approximately 860' West (Extension of Taxiway B4) and Construct Five (5) T-Hangar Taxilanes (600' x 35')	DM/OP	\$10,138,600	\$9,124,740	\$1,013,860	
9	Acquire Property Interests for Ultimate Approach Protection on Runway 18-36 (Approximately 49 Acres)	SS	\$4,268,900	\$3,842,010	\$426,890	
10	Extend Runway 18-36 and Parallel Taxiway B 1,500' South (Include Relocation of PAPI-4 and Construction of Holding Bay)	DM	\$16,951,500	\$15,256,350	\$1,695,150	
11	Implement MALSR Serving Runway 36	SS	\$2,033,400	\$1,830,060	\$203,340	
12	Acquire Approximately 38 Acres of Land on Northwest Side of Airport for Future Landside Development	DM/OP	\$13,242,200	\$11,917,980	\$1,324,220	
13	Acquire Approximately 14 Acres of Land on West Side of Airport (North of Industrial Boulevard) for Future Landside Development	DM/OP	\$4,878,700	\$4,390,830	\$487,870	
14	General Airfield Pavement Maintenance Projects	MN	\$500,000	\$450,000	\$50,000	
15	Conduct Miscellaneous Annual RAMP Projects	SS/MN	\$500,000	\$250,000	\$250,000	
SHORT TERM PROGRAM TOTAL			\$124,059,000	\$98,153,100	\$25,905,900	
INTERMEDIATE TERM PROGRAM (6-10 YEARS)						
1	Enhance Airfield Lighting (Runway and Taxiways) with LED Technology	EF/MN	\$600,500	\$540,450	\$60,050	
2	Construct Dedicated Airport Maintenance Facilities	MN	\$1,300,000	\$0	\$1,300,000	
3	Construct Hangar Access Taxilane (1,000' x 50') Immediately North of Existing Fuel Farm	DM/OP	\$2,230,400	\$2,007,360	\$223,040	
4	Expand Existing Fuel Farm (Jet A - 30,000 Gallons / 100LL - 12,000 Gallons) ³	DM	\$2,153,000	\$600,000	\$1,553,000	
5	Construct Four (4) T-Hangar/Linear Box Hangar Complexes on West Side of Airport ⁴	DM	\$3,667,300	\$0	\$3,667,300	
6	Remove 300-Series T-Hangar and 400-Series Linear Box Hangar Complexes on South Apron and Reconstruct Pavement for Aircraft Use	DM/OP	\$7,110,500	\$6,399,450	\$711,050	
7	Construct Hangar Access Taxilane (1,050' x 50') in West Landside Development Area	DM/OP	\$4,544,300	\$4,089,870	\$454,430	
8	Extend Hangar Access Taxilane (50' Wide) Approximately 400' West (Extension of Taxiway B2) and Construct Hangar Taxilane (50' Wide)	DM/OP	\$3,823,600	\$3,441,240	\$382,360	
9	Obtain Right-of-Way and Construct Vehicle Access Road Leading to Northwest Side of Airport	DM/OP	\$3,313,400	\$1,656,700	\$1,656,700	
10	Implement Infrastructure Development on East Side of Airport (Multiple Phases)	DM/OP	\$7,149,900	\$0	\$7,149,900	
11	General Airfield Pavement Maintenance Projects	MN	\$500,000	\$450,000	\$50,000	
12	Conduct Miscellaneous Annual RAMP Projects	SS/MN	\$500,000	\$250,000	\$250,000	
INTERMEDIATE TERM PROGRAM TOTAL			\$36,892,900	\$19,435,070	\$17,457,830	
LONG TERM PROGRAM (11-20 YEARS)						
1	Construct Three (3) T-Hangar Taxilanes (700' x 35') on Northwest Side of Airport - Phase I	DM	\$4,718,600	\$4,246,740	\$471,860	
2	Extend Roadway Access South of Industrial Boulevard and Construct Vehicle Parking	DM/OP	\$5,827,500	\$2,913,750	\$2,913,750	
3	Construct Ultimate General Aviation Terminal Building ⁵	DM/OP/EF	\$5,736,600	\$500,000	\$5,236,600	
4	Redevelop North Terminal Area (Removal of Facilities and Reconstruct Pavement)	DM/OP	\$7,582,700	\$6,553,800	\$1,028,900	
5	Acquire Property Interests for Ultimate Approach Protection on North and South Sides of Parallel Runway 18L-36R (Approximately 58 Acres)	SS	\$5,053,000	\$4,547,700	\$505,300	
6	Construct Parallel Runway 18L-36R (7,500' x 150') and Associated East Side Parallel Taxiway	EN/DM	\$114,683,300	\$103,214,970	\$11,468,330	
7	Implement Navigational Approach Aids on Parallel Runway System (PAPI-4s and REILs)	SS	\$1,107,000	\$996,300	\$110,700	
8	Construct Midfield Taxiway Network Serving the Parallel Runway System	EF/DM	\$33,347,900	\$30,013,110	\$3,334,790	
9	Construct Three (3) T-Hangar Taxilanes (700' x 35') on Northwest Side of Airport - Phase II	DM	\$4,293,900	\$3,864,510	\$429,390	
10	Construct Vehicle Access Serving East Side of Airport	DM/OP	\$9,968,700	\$4,984,350	\$4,984,350	
11	Construct Commercial Passenger Service Complex and Aircraft Parking Apron on East Side of Airport	DM	\$146,700,500	\$132,030,450	\$14,670,050	
12	Construct Vehicle Access and Parking Serving Commercial Passenger Terminal Complex	DM	\$37,845,600	\$34,061,040	\$3,784,560	
13	Construct Fuel Farm on East Side of Airport (Jet A - 30,000 Gallons / 100LL - 12,000 Gallons) ³	DM	\$3,765,700	\$600,000	\$3,165,700	
14	General Airfield Pavement Maintenance Projects	MN	\$1,000,000	\$900,000	\$100,000	
15	Construct Miscellaneous Annual RAMP Projects	SS/MN	\$1,000,000	\$500,000	\$500,000	
LONG TERM PROGRAM TOTAL			\$382,631,000	\$329,926,720	\$52,704,280	
TOTAL PROGRAM COSTS			\$543,582,900	\$447,514,890	\$96,068,010	