

Hancock / Academy PEL Level 1 Screening Analysis

Transportation Elements		Elements of Alternative Concepts	Purpose & Need Screening Criteria						Project Planning Goals					Level 1 Screening Recommendations	
			Safety		Multimodal Accessibility			Vehicular Access	Mobility / Congest	Access for Hancock/Academy Revitalization					
			Does This Concept Improve Safety?	Does this concept improve geometric deficiencies?	Is the transit system supported and improved?	Is transit connectivity with neighborhoods, businesses & resources improved?	Are pedestrian and bicycle travel conditions improved?	Is access to neighborhoods, businesses & resources improved?	Does this concept address congestion?	Is it compatible w/ GSP and other city plans?	Is this concept adaptable to the future Mountain Metro transit vision?	Could it stimulate economic activity in the study area?	Is this concept compatible with existing T/Is and ROW?		
Safety	Roadway	Variable Speed Limit	●				●			●	●	●	●	Retain	
		Increase Yellow Clearance Interval	●				●			●	●	●	●	Retain	
		Protected-Only Left Turn Phasing	●				●			●	●	●	●	Retain	
		Signal Timing Adjustments	●				●		●	●	●	●	●	Retain	
		Improve Deficiencies at Business Approaches	●	●			●		●	●	●	●	●	Retain	
	Existing Pedestrian	Upgrade Pedestrian Cross-walks at existing intersections	●		●		●			●	●	●	●	Retain	
		Extended Pedestrian Walk Time	●		●		●			●	●	●	Retain		
New Pedestrian		Pedestrian Refuge Areas	●		●		●			●	●	●	●	Retain	
		Ped-activated Mid-block cross-walks	●		●		●			●	●	●	Retain		
		Grade-separated Pedestrian Crossing	●		●		●			●	●	●	Retain		
Multimodal Accessibility	Transit Service	Bus Queue Jumps			●	●				●	●	●	●	Retain	
		Signal Priorities/Yield-to-Bus Technologies			●	●				●	●	●	●	Retain	
		Bus Stop Location Adjustments			●	●	●			●	●	●	●	Retain	
		Improved Bus Circulation for Community Connections			●	●				●	●	●	●	Retain	
		Transit Hub			●	●				●	●	●	●	Retain	
	Ped-Bike	Provide Missing Sidewalk Connections	●				●			●	●	●	●	Retain	
		Integrate Sand Creek and Milton Proby Trails				●			●	●	●	●	Retain		
		On-street Bike Lanes on Hancock Expressway				●			●	●	●	●	Retain		
Vehicular Access	Existing Access	New Signals	●					●			●	●	●	Retain	
		Convert Existing RI/RO to 3/4 Accesses						●			●	●	●	Retain	
	New Access	Full Movement Unsignalized						●			●	●	●	Retain	
		3/4 Access						●			●	●	●	Retain	
		RIRO Access						●			●	●	●	Retain	
Trucks	Truck Access-Improved Intersection Turning Radius	●					●			●	●	●	Retain		
Mobility and Congestion	Intersection Types	Academy 6-Lane - Existing Alignment	●	●	●		●	●	●	●	●	●	●	Retain	
		Multi-Lane Roundabout	●	●	●		○	○	●	●	●	●	●	Eliminate	
		6 Lane Hancock and Academy Intersection	●	●	●		○	○	●	●	●	●	●	Eliminate	
		Split Intersection	●	●	●		●	●	●	●	●	●	●	Retain	
		Counter Flow Intersection	●	●	●		○	○	●	●	●	●	●	Eliminate	
		Academy 6-Lane - Alignment Shift East	●	●	●		●	●	●	●	●	●	●	Retain	
		Academy 6-Lane - Alignment Shift West	●	●	●		●	●	●	●	●	●	●	Retain	
		Quadrant Intersection	●	●	●		●	●	●	●	●	●	●	Retain	
	Grade Separation	Two Level Intersection	●	●	●	○	○	○	●	●	●	●	●	Eliminate	
		Interchange (Diamond or SPU)	●	●	●	○	○	○	●	●	●	●	●	Eliminate	

Legend		Meets Purpose & Need	Does not meet P & N	Not Applicable to P&N
Alternatives are analyzed to determine if they meet the purpose and need criteria for the project:		●	○	○
Alternatives are also analyzed to determine if they would support Project Planning goals:		●	○	○
Transportation elements that would be complementary to Multi-Modal Transportation Alternatives		●	○	○
Transportation elements that would create the foundation for Multi-Modal Transportation Alternatives		●	○	○
Transportation elements that do not meet Purpose and Need Criteria		○	○	○