



Galveston-Houston Mobility Corridor Alternative Analysis

Evaluation Results



Evaluation Criteria	Express Bus	Bus Rapid Transit	Commuter Rail
DESIGN ISSUES			
Right of Way/ Land Purchased Residential & Commercial	5 Parcels	620 Parcels	45 Parcels
System Connectivity- Opportunities for Connect to Existing and Planned Transit Services	Connects to fixed-route services: <ul style="list-style-type: none"> •Houston Metro Light Rail •Houston Metro Buses •East Harris County Buses •Texas City/La Marque Buses •Island Transit Buses •Providing access to numerous transit centers and city destinations including Hobby Airport. 	Connects to fixed-route services: <ul style="list-style-type: none"> •Houston Metro Light Rail •Houston Metro Buses •East Harris County Buses •Texas City/La Marque Buses •Island Transit Buses •Providing access to numerous transit centers and city destinations including Hobby Airport. 	Connects to fixed-route services: <ul style="list-style-type: none"> •Houston Metro Light Rail •Houston Metro Buses •East Harris County Buses •Texas City/La Marque Buses •Island Transit Buses •Providing access to numerous transit centers and city destinations including Hobby Airport. •Neighborhood Shuttles at each station.
MODELING OUTPUTS			
Demand / Ridership (trips)	1,000	3,800	9,400
Travel Time (Galveston to Houston)	101 Minutes	68 Minutes	67 Minutes
FINANCIAL			
Conceptual Capital Costs	\$60 Million	\$2.165 Billion	\$840 Million
PUBLIC INVOLVEMENT			
Community Involvement Thus Far	Little Support	Little Support	Strong Support
Interagency Consensus	To Be Decided	To Be Decided	To Be Decided
ENVIRONMENTAL CONCERNS			
Environmental Impacts	Minimal impacts	Some impacts; No fatal flaws	Some impacts; No fatal flaws
Air Quality	Minimal Benefits	Moderate Benefits	Major Benefits
OTHER COMMUNITY CONCERNS			
Emergency Evacuation	None	Will add capacity, probably as additional general purpose lanes.	Will provide significant added capacity without being congested by general purpose automobile traffic.
Transit Oriented/ Economic Development	None	Moderate Potential	High Potential