

## Mobility Investment Priorities Corridor Project Checklist

**Instruction Notes:**

- **Already Included** – strategy is already integrated into corridor projects. \*Use codes below for this column only:
  - **BP:** Best Practice is being used
  - **SP:** Best State Practice is being used
- **G:** Current efforts are good
- **E:** Current efforts are not sufficient

If columns are used, mark with an **X**:

- **Should Be Studied** – strategy is not integrated into possible corridor projects, but could significantly benefit the corridor; requires additional analysis.
- **Is Not Needed** – strategy would not benefit the corridor.
- **No Information Yet** – insufficient knowledge about the corridor and related projects to classify strategy.

Corridor	Corridor Analysis Summary			
<b>Congested Road: IH 45 (Gulf Fwy) 2010 Rank: 6</b> <b>Delay: 3,208,200 Hrs. TCI: 1.45 ADT/Lane: 36,100</b> <b>Endpoints: IH 10 (Katy Fwy) to IH 610 S (S. Loop)</b> <b>Length: 8.2 miles</b> <b>Date: March 27, 2013</b>	Already Included*	Should Be Studied	Is Not Needed	No Info Yet
System Efficiency				
Aggressive Incident Clearance	E			
Electronic Toll Collection Systems			X	
Reversible Traffic Lanes/Changeable Lane Assignments			X	
Signal Operations & Management			X	
Special Event Management	SP <sup>1</sup>			
Traffic Management Centers	BP- TranStar			
Traveler Information Systems	BP			
Truck Incentives & Use Restrictions		X		
Truck Lane Restrictions		X*		
Travel Options				
Flexible Work Hours	SP-HGAC			
Compressed Work Weeks	SP-HGAC			
Telecommuting	SP-HGAC			
Carpooling	SP-HGAC			
Real-Time Ridesharing	BP			
Vanpool	G			
Transportation Management Association		X		
Trip Reduction Ordinances		X		
Parking Management		X		
Pay-As-You-Drive Auto Insurance				X
Variable Pricing	SP-HOT			
Active Traffic Management				
Dynamic Merge Control		X		
Dynamic Rerouting		X		
Dynamic Truck Restrictions		X		
Queue Warning		X		
Ramp Flow Control (Flow Signals/Ramp Metering)	SP			
Temporary Shoulder Use (Bus on Shoulder)			X	
Variable Speed Limits		X		

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**Congested Road: IH 45 (Gulf Fwy)**

**2010 Rank: 6**

<b>System Modifications</b>				
Access Management			X	
Bottleneck Removal	G-TSM			
Freight Rail Improvements				X
Multimodal Transportation Centers		X		
Ramp Configuration to Increase Queuing Capacity	G			
Acceleration/Deceleration Lanes	G-TSM			
Commercial Vehicle Accommodations			X	
Diverging Diamonds			X	
Intersection Improvements & Innovative Intersections		X-EIS		
Roundabouts				
Intersection Turn Lanes				
Loop Ramps Eliminating Left Turns				
One-Way Streets				
Superstreets				
Express & Park-and-Ride Bus Service	BP			
Park-and-Ride Lots		X-EIS		X
Passenger Rail		X		
<b>Additional Capacity</b>				
Adding Lanes or Roads		X-EIS		
Adding New Toll Lanes or Toll Roads	G	X-EIS		
Managed (HOV/HOT) Lanes	G-HOT			
Grade Separation		X-EIS		
<b>Construction Improvements</b>				
Construction Contracting Options	SP			
Reducing Construction/Maintenance Interference	SP			
Pavement Recycling			X	
Shoulder Pavement Upgrade		X		
Sustainable Pavements			X	
<b>Public Participation</b>				
Outreach/Focus Groups	G			
Communications	G			
<b>Effects</b>				
Economic	G			
Safety	G			
Pavement Quality	G			

1. METRO provides bus service for special events like Houston Rodeo and Houston TranStar provides traveler information thru their website, DMS, mobile alert system, and media.

\*- Strategy is being studied

*Sources*

METRO <http://www.ridemetro.org>

HGAC Commute Solutions <http://www.commutesolutionshouston.org/>

HGAC - Regional Transit Framework Study Final Report Dec 2010, Transit Scenario 1

HGAC – Regional Commuter Rail Study <http://www.hgaccommuterrail.com/>

HGAC - Galveston Rail Study

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