

### **Narratives for lottr estimation**

- To estimate reliability benefit, SH 35 which is the parallel and competitive route of Pearland Parkway, has been included in the analysis. Total daily traffic volumes on SH 35 (for all links between Dixie Farm Road and FM 2351) are extracted from H-GAC 2018 Model and computed weighted average by distance. Combined daily volumes for SH 35 and Pearland Parkway are utilized as input to “ADT after implementation” in the template.
- Input for “Number of lanes before implementation” is 4 which is the total number of lanes (both directions) on SH 35.
- Input for “Number of lanes after implementation” is 8 which is the combined number of lanes (both directions) for SH 35 and proposed Pearland Parkway Extension.

## INPUTS

Project Information	
Name:	Pearland Parkway Extension
Application ID Number:	100
Sponsor ID Number (CSJ, etc.):	
Year Open to Traffic? <b>(Must be &gt;=2021)</b>	2025
Does the project add capacity (lanes)?	Yes
Primary Project Type	Added capacity
Facility Type	Other urban street
Involves access management?	Yes
If yes, what is the street type	Other urban street
Involves grade separation?	No
Involves installation of ITS infrastructure?	No
Do you have a current PTI estimate?	No
If yes, input a value (must be >= 1.0)	
Source for PTI estimate (please provide reference link)	

Daily Travel Demand	Before implementation	After implementation
ADT	23195	27665
Number of Lanes	4	8
ADT per lane	5799	3458
PTI estimate	1.39	1.26
Estimated reliability benefit	0.13	
Points	10	