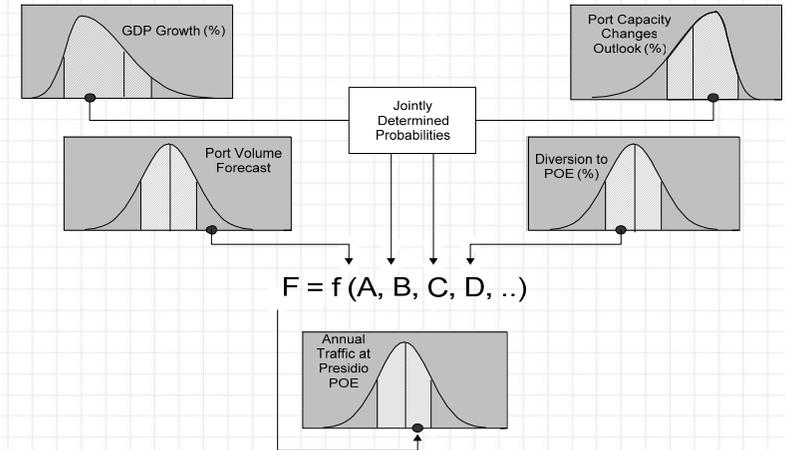


Four Steps to the Freight Diversion/ Risk Analysis Process (RAP)

- **STEP 1** – Identify the key factors and logic for the freight diversion to Presidio;
- **STEP 2** - Assign estimates and ranges (probability distributions) to each key factor and forecasting coefficient;



- **STEP 3** - Engage the Technical Advisory Committee and expert sources in assessment of the model and risk assumptions;
- **STEP 4** - Update risk analysis assumptions, run the freight forecasting diversion model, and document results.



Freight Diversion Analysis Results

Numbers Represent Trucks per Day



Scenario A Assumes Mexican infrastructure improvements are constructed <u>after year 2030</u>	Forecast Year		
	2010	2020	2030
Low Forecast Value	25	43	37
Median (“Most Likely”)	47	174	338
High Forecast Value	75	501	1851

Scenario B Assumes Mexican infrastructure improvements are constructed <u>prior to year 2020</u>	Forecast Year		
	2010	2020	2030
Low Forecast Value	25	63	233
Median (“Most Likely”)	47	195	739
High Forecast Value	75	527	2224



Freight Diversion Analysis Results

Numbers Represent Trucks per Day

Scenario Comparison – “Most Likely”				
Scenario	Includes	2010	2020	2030
Baseline	<ul style="list-style-type: none">Internal Mexico Growth Only	44	82	152
Scenario A	<ul style="list-style-type: none">Internal Mexico GrowthDiversion from other ports of entry	47	174	338
Scenario B	<ul style="list-style-type: none">Internal Mexico GrowthDiversion from other ports of entryMexico Infrastructure Completion	47	195	739



Threshold Table

Level of Service (LOS)

LOS	Description	Average Daily Traffic Thresholds	
		2 Lane Roadway	4 Lane Roadway
A	Free flow operations	1,800	13,400
B	Reasonable traffic flow conditions	3,300	21,900
C	Near free flow operations, some minor flow restrictions	5,900	31,400
D	Some minor congestion	10,200	40,100
E	Operation at roadway capacity	17,500	44,500
F	Severe congestion, stop and go operation	> 17,500	> 44,500



Where Do We Go From Here?

Data Collection	Dec 2006
Public Meeting #1	Mar 2007
Freight Diversion Analysis	Jan 2008
Conceptual Alt. Screening	Jan 2008
Public Meeting #2	Feb 2008
Viable Alt. Screening	May 2008
Public Meeting #3	Aug 2008
Corridor Development Plan	Oct 2008
Study Complete	Oct 2008



Public Feedback is Vital to the Study

- Three Rounds of Public Meetings
- Project Newsletter
- Project Web-page:

www.dot.state.tx.us
Keyword: La Entrada

- Project Hotline: 1-800-517-4652
- Project Email:

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- Written Comments To:

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