

Integration structure Validation of current conditions Demand forecasts on new IBCs Evaluation of solutions SB Conclusions Recommendations

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- Evaluation of solutions SB
- Conclusions
- Recommendations











Basic Concept:



Integration structure

Conclusions

Recommendations

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Macro level:

- IBC demand obtained through iTDM
 - Roadway and pedestrian
 network integration
 - Transit network integration
 - Disaggregate demographic characterization





Micro level:

IBC delay obtained through micro-simulation

Bota IBC



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Conclusions

- Combination of MACRO and MICRO level does improve POE demand estimation (MICRO alone not enough)
- Ability to incorporate SB operations: an added value

Recommendations

- El Paso MPO to test other lane types on existing IBCs:
 - ✓ Ready
 - ✓ SENTRI
 - ✓ HOV
 - ✓ BUS
- Continue travel survey program at IBCs / gather data at different seasons of the year:
 - ✓ School in session
 - ✓ Vacation season
 - Christmas holidays

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Thank you

