

Ground Transportation Ad Hoc Committee



SAN DIEGO
INTERNATIONAL AIRPORT

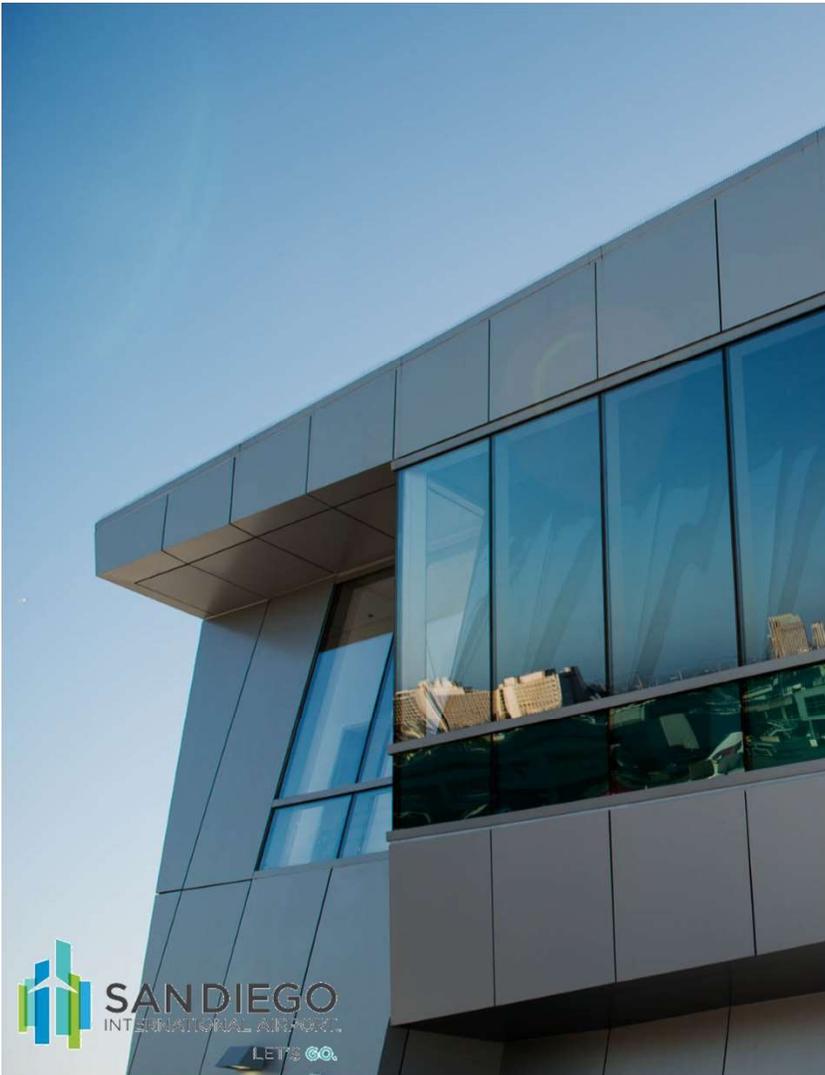
LET'S **GO.**

Meeting 3
January 17, 2019

Welcome Remarks

Committee Chair- Mark West





Committee Progress Overview -

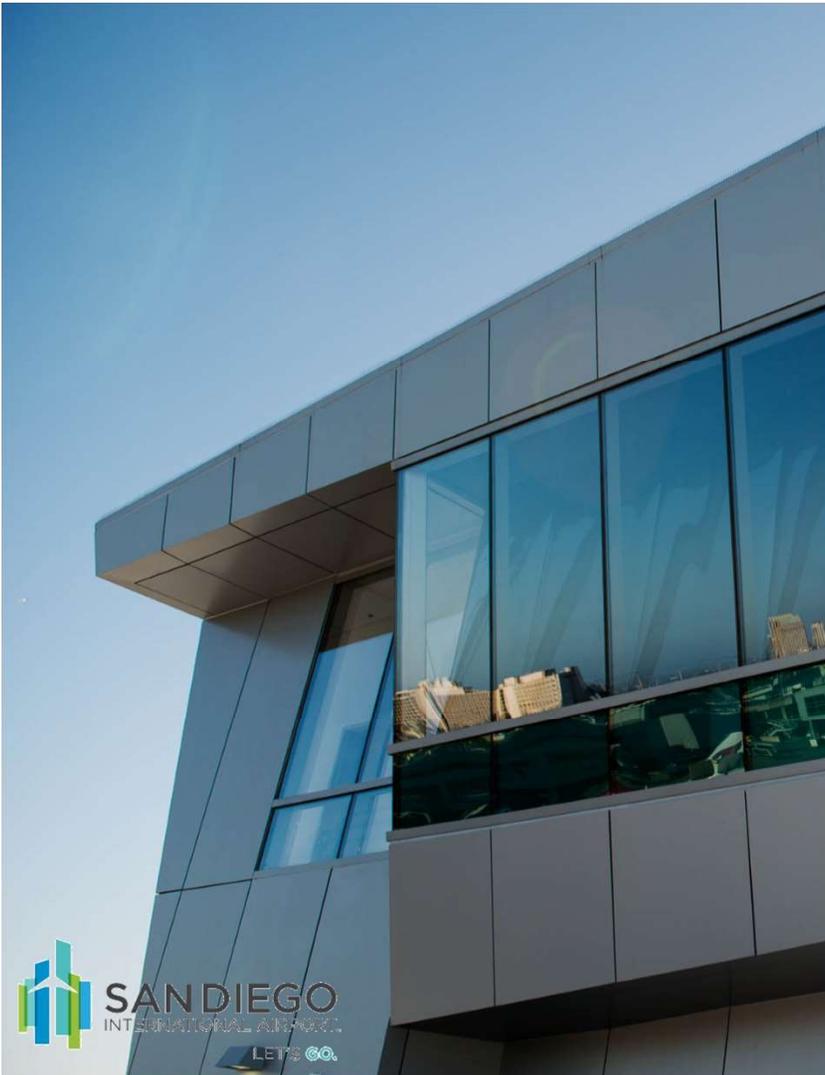
*Comments on Topics
Covered*

Facilitator -
Heidi Gantwerk

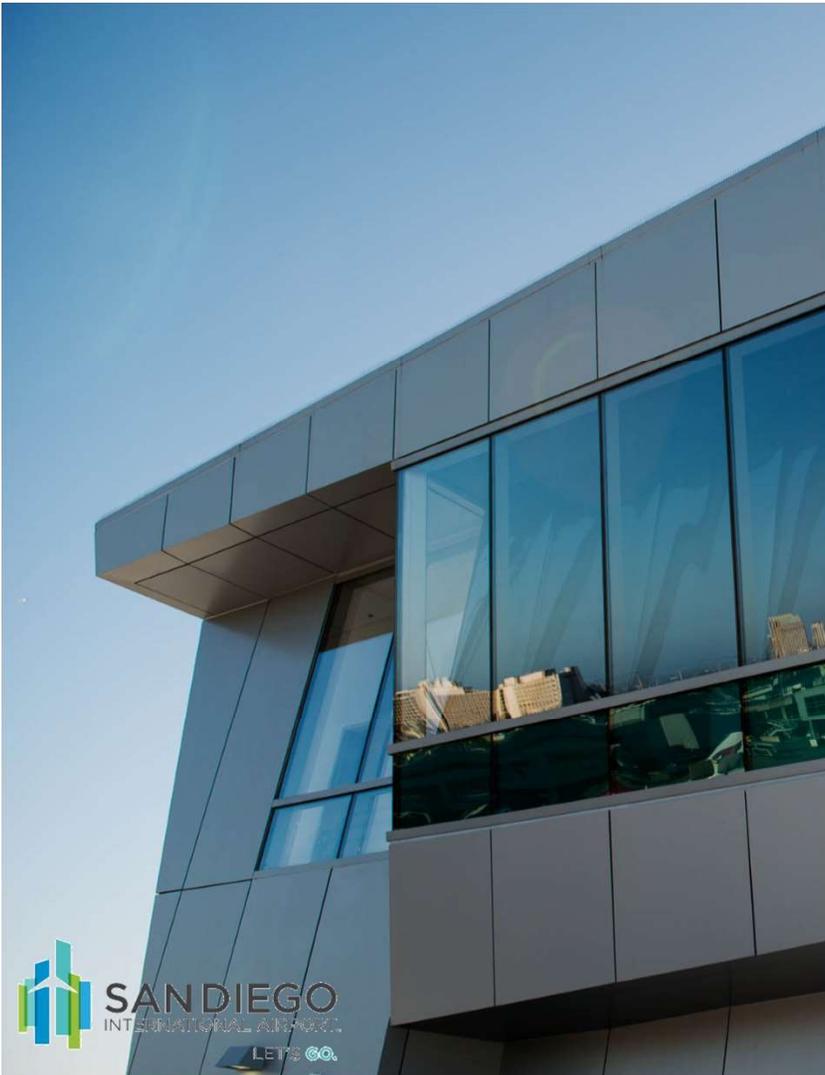


Agenda

- GT System
 - Current State
 - New Developments
 - Key Factors / Considerations for Committee Objectives
 - Next Meeting Format



Current State & New Developments



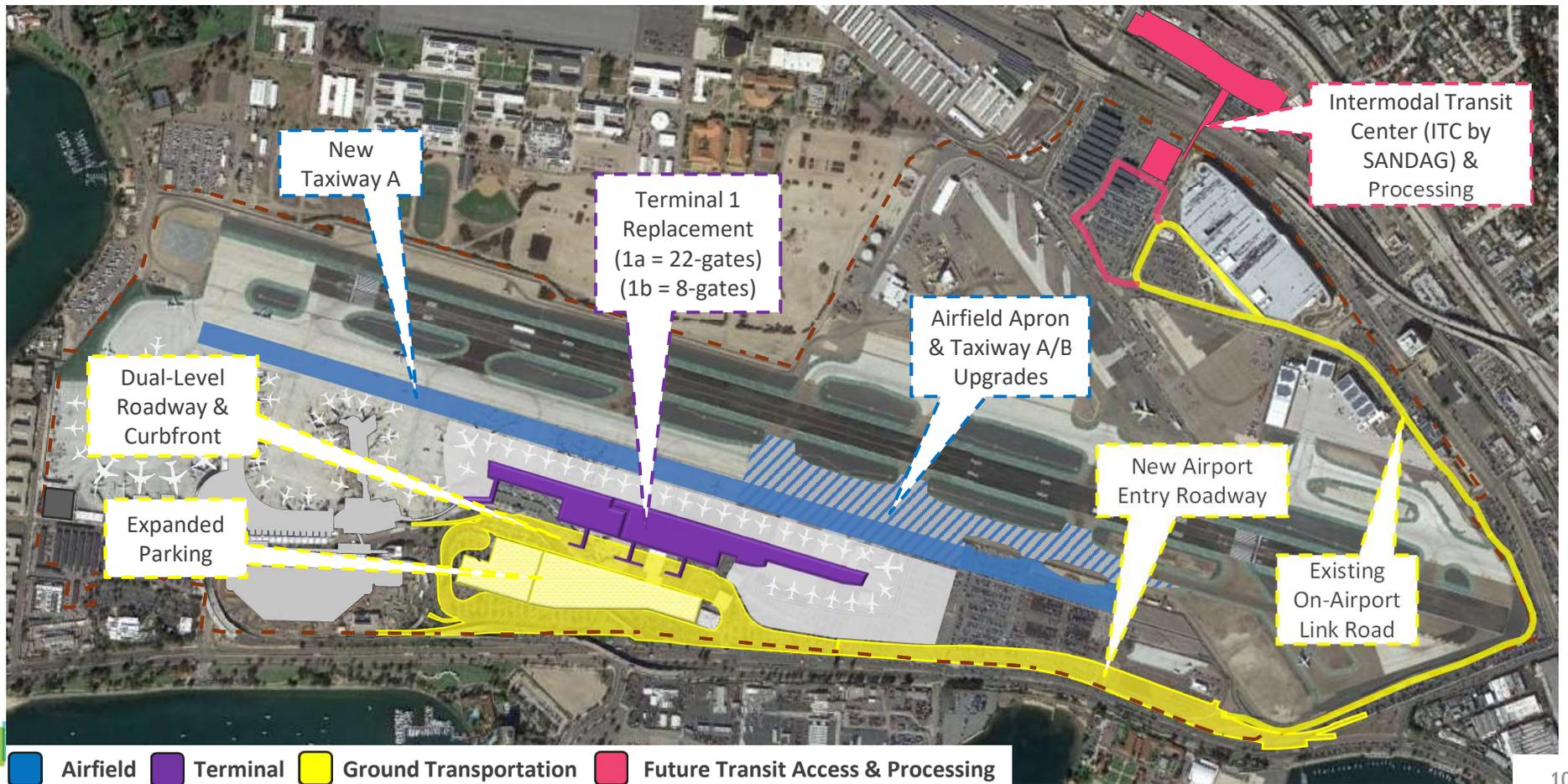
GT System Goals

- 1) Safety
- 2) High quality customer service
- 3) Efficiency
- 4) Cost recovery for operations and infrastructure
- 5) Economic value to the providers
- 6) Minimal unnecessary trips & congestion
- 7) Reduced environmental impact
- 8) Alignment with airport strategies

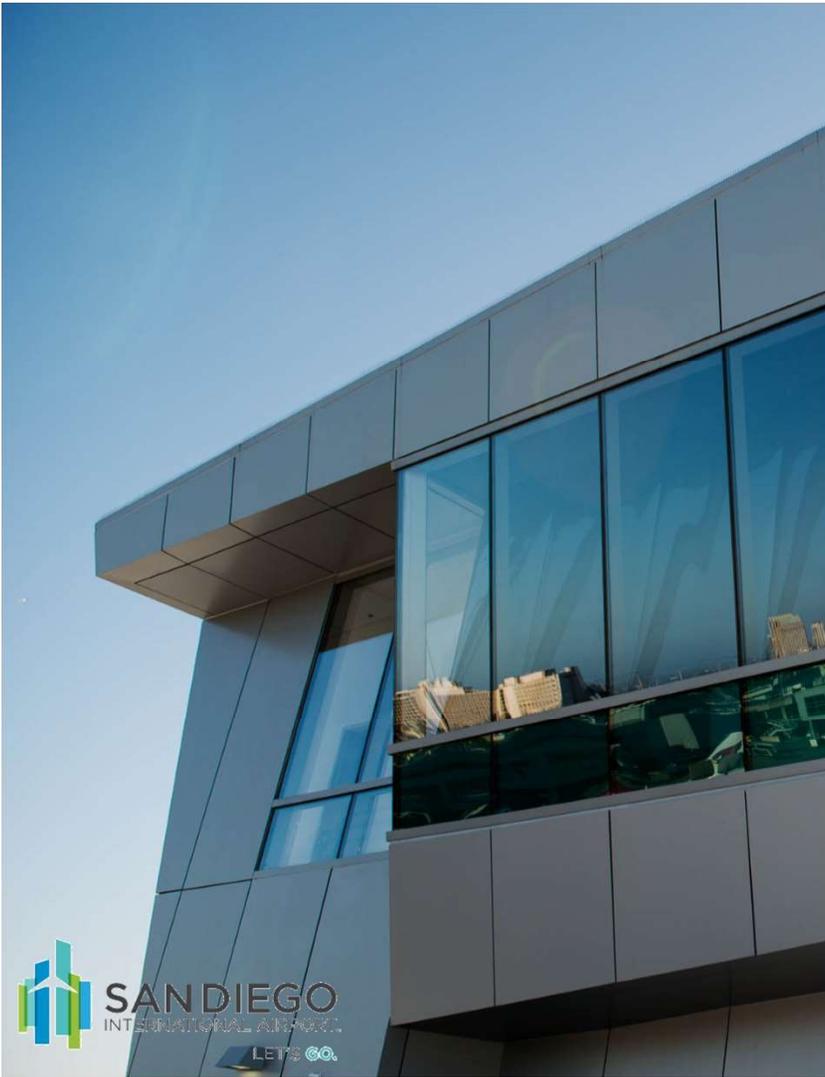
Airport Map

- New Terminal
- Hold Lots
- Parking Lots
- Roadways

SAN Airport - Future



Current Operating Strategy MOA Model



Industry Operating Strategies - Taxi & VFH Modes

1. Open access
2. Exclusive access - concession
3. Hybrid – current system

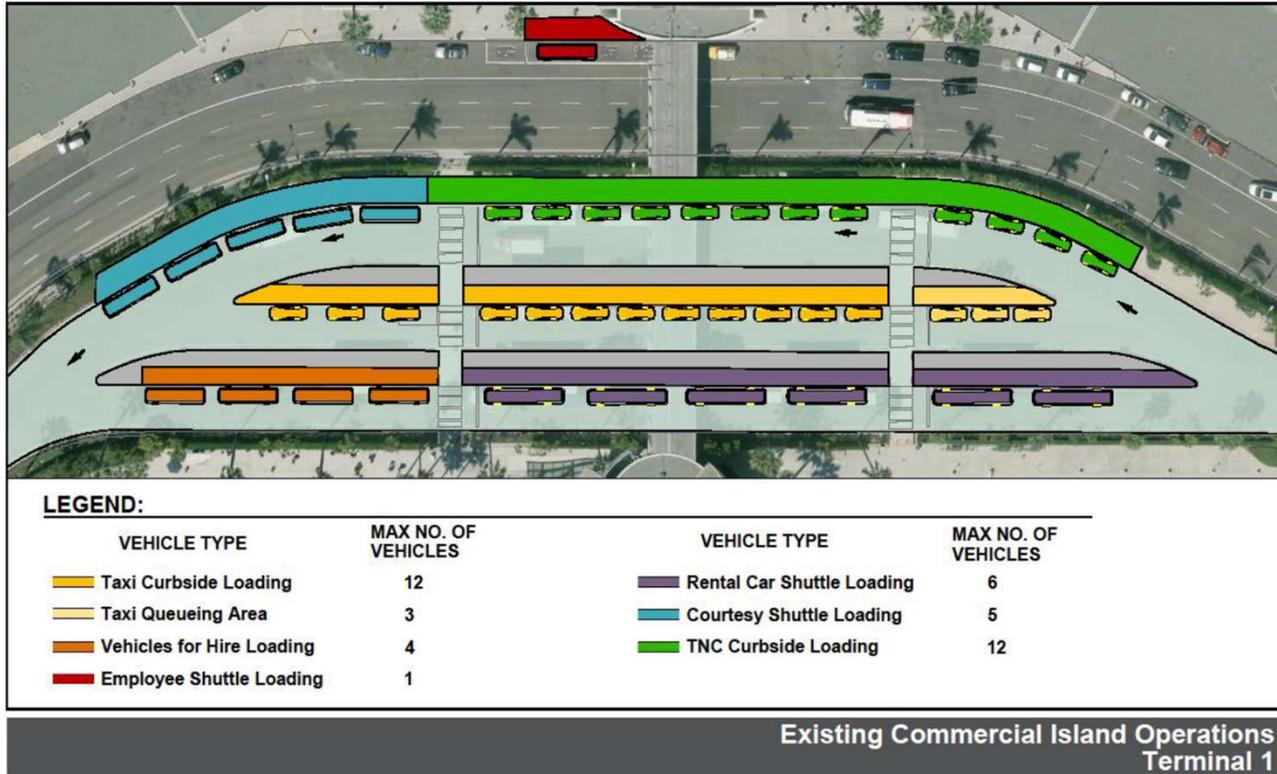
Commercial Mode Access & Management

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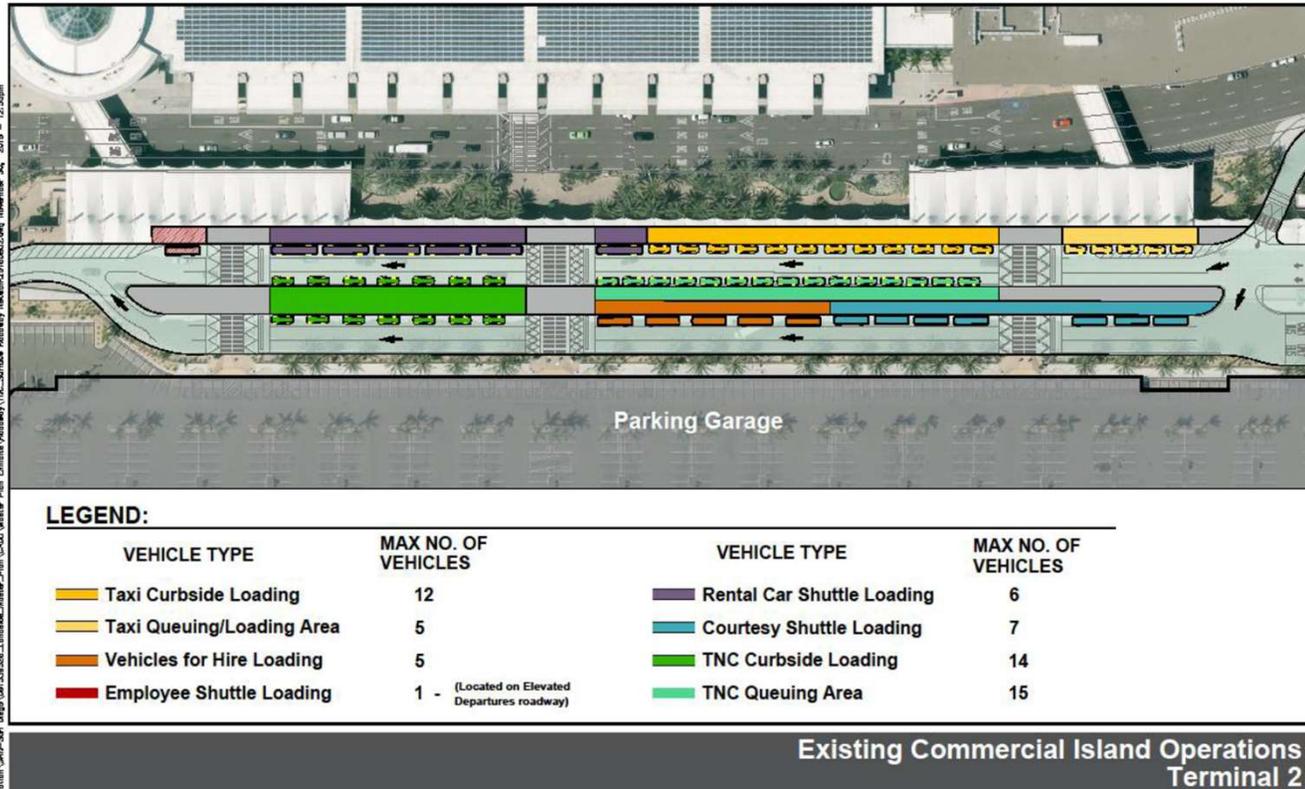
Ground Transportation Proposed Trip Fee Assumptions



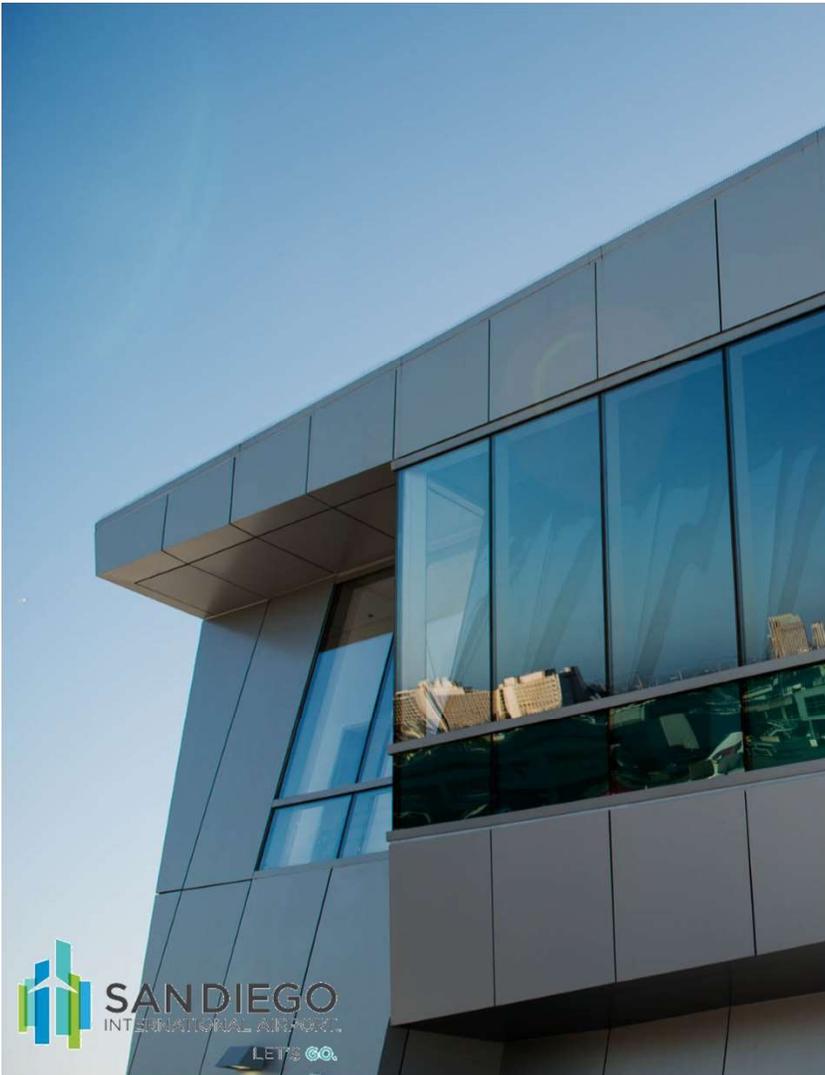
Terminal 1 Transportation Island



Terminal 2 Transportation Island

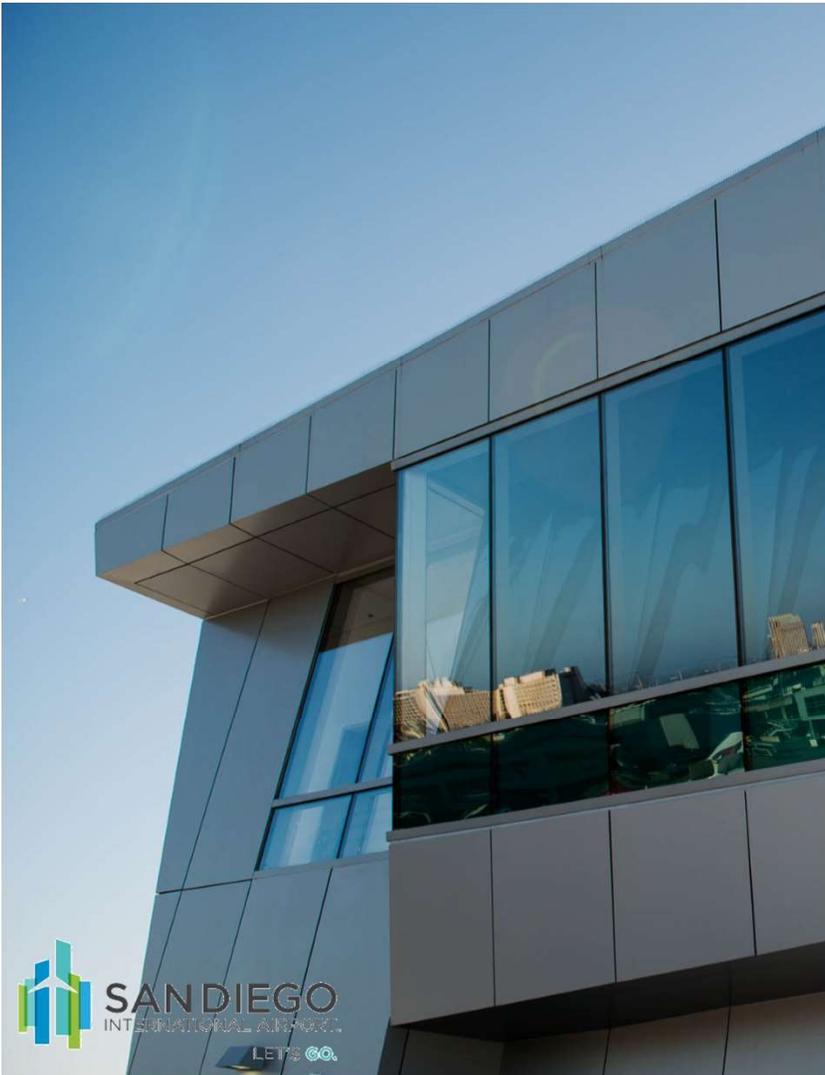


K:\VTC_Avalon\SAI-Sun (Ramp)\061318\061318_Landside_Master_Plan\CAOT\Master_Plan_Existing\Appendix\TRC_Surface_Roadway\Images\016062.jpg November 30, 2018 - 12:56pm



Technological Opportunities

1. TNCs and other app-based transportation
2. Shared mobility; shared rides; shared vehicles; carpooling
3. Online/automated services and payment
4. Last-mile technological solutions
5. Autonomous and driverless cars
6. Automated high-volume transportation
7. High volume vehicle availability
8. Vehicle ownership models
9. Data sharing, transportation analysis, and predictive analytics



Operational Challenges

1. TNC operations and vehicle volumes
2. ASF, ADP, and other construction impacts
3. Hold lot and transportation island space allocation
4. Transportation island changes and construction
5. Roadway congestion

Other Factors

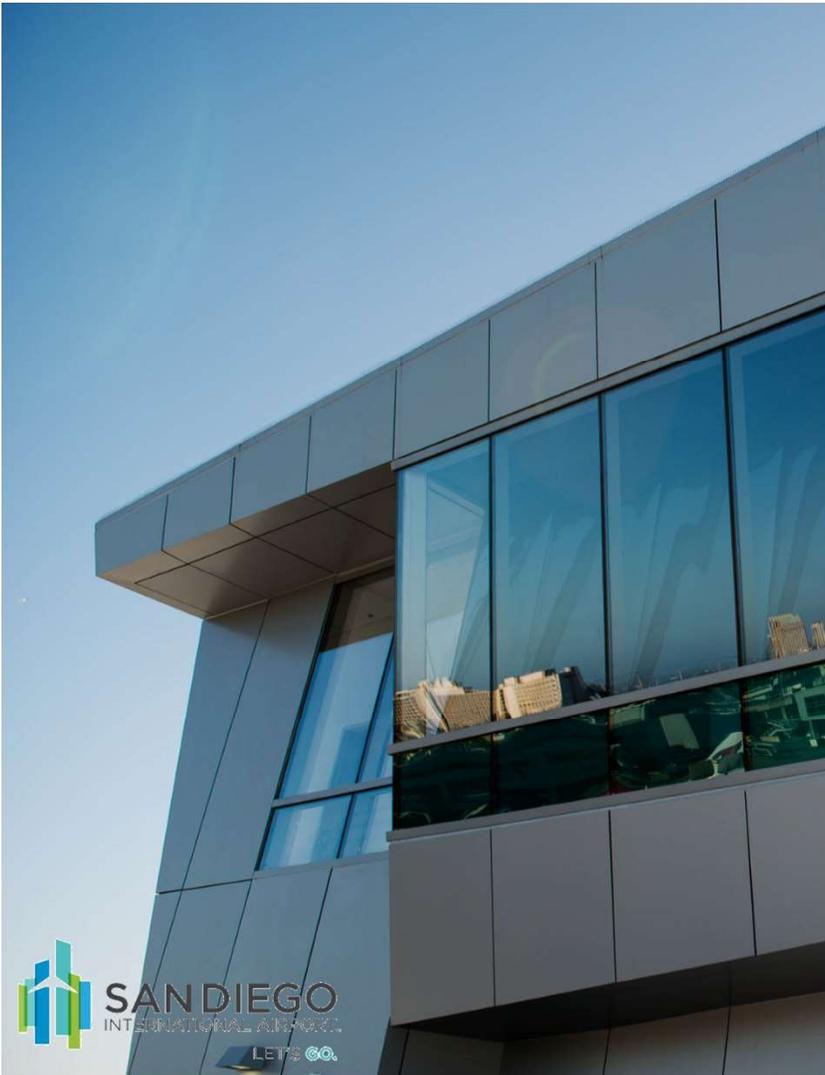
Regulatory Requirements

Transit Initiatives

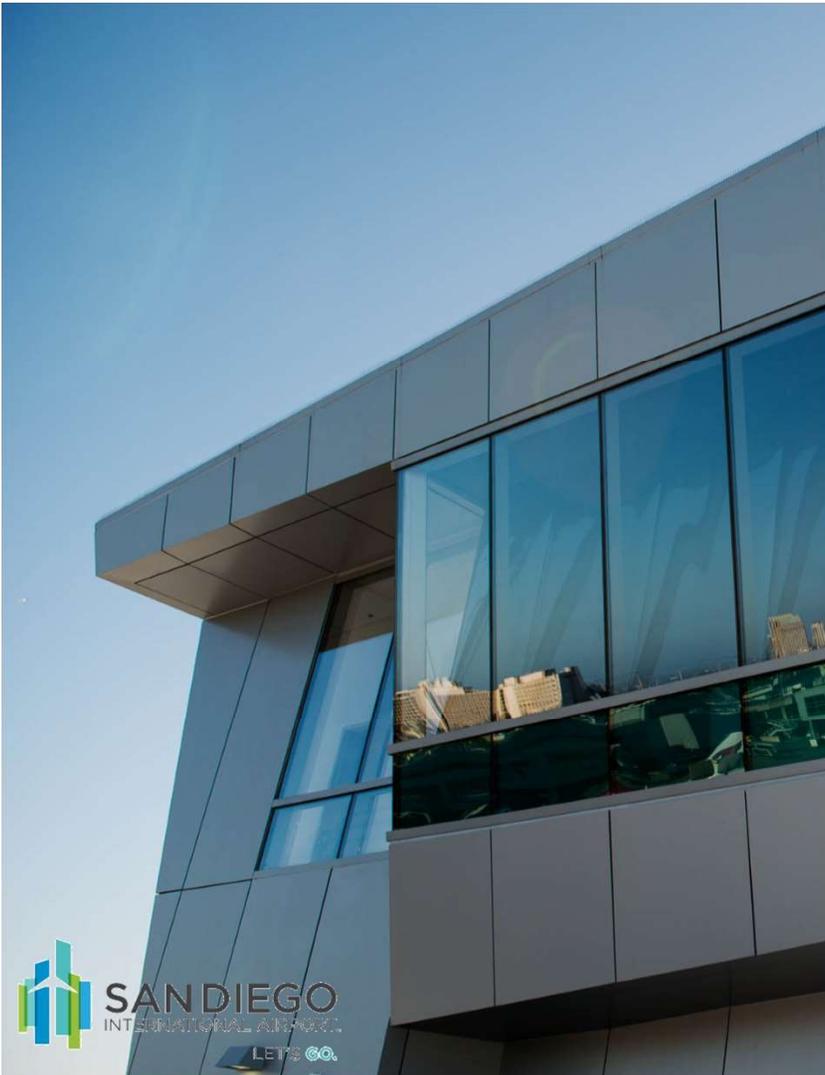
Shared Mobility

Clean Transportation Plan

Transportation Demand Management (TDM)



Transportation demand management (TDM) is the application of strategies and policies to reduce travel demand, or to redistribute this demand in space or in time.



. . . more sustainable system of transport . . .

- Expanding the supply and availability of (more sustainable) alternatives;
- Controlling demand for the use unsustainable modes;
- Providing incentives and rewards for undertaking sustainable travel habits; and
- Imposing full-cost pricing on the use of the . . . private or commercial . . . automobile

TDM Options

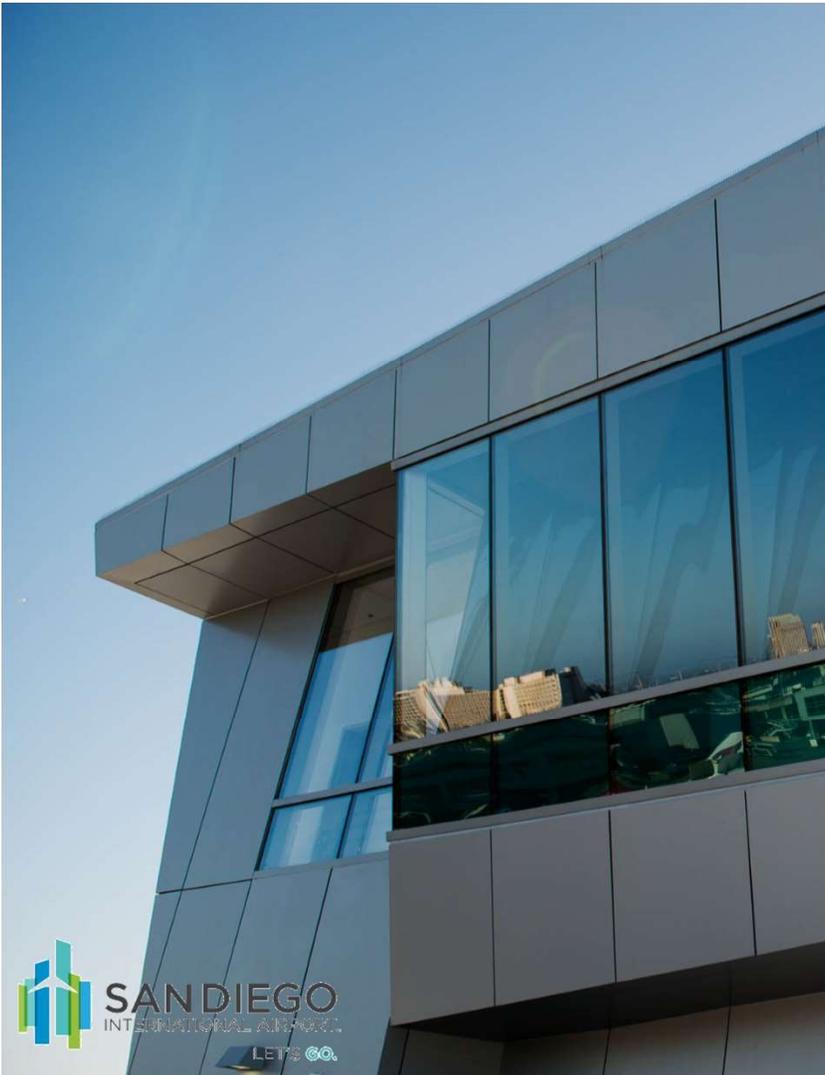


Public Comment Period

1 minute per speaker

Considerations

- Type/size/fuel type of vehicle
- Vehicle capacity
- Ownership - Commercial vs. Private
- Owned vs. Leased/Rented
- Fleet characteristics
- Business model and economic impact
- Trip type – short/long haul, HOV, pooled, deadhead
- Last mile inclusion
- Existing and upcoming regulations
- Emissions output
- Carbon Offset
- Metrics/Environmental Measures
- Transportation Demand Management



Questions to consider

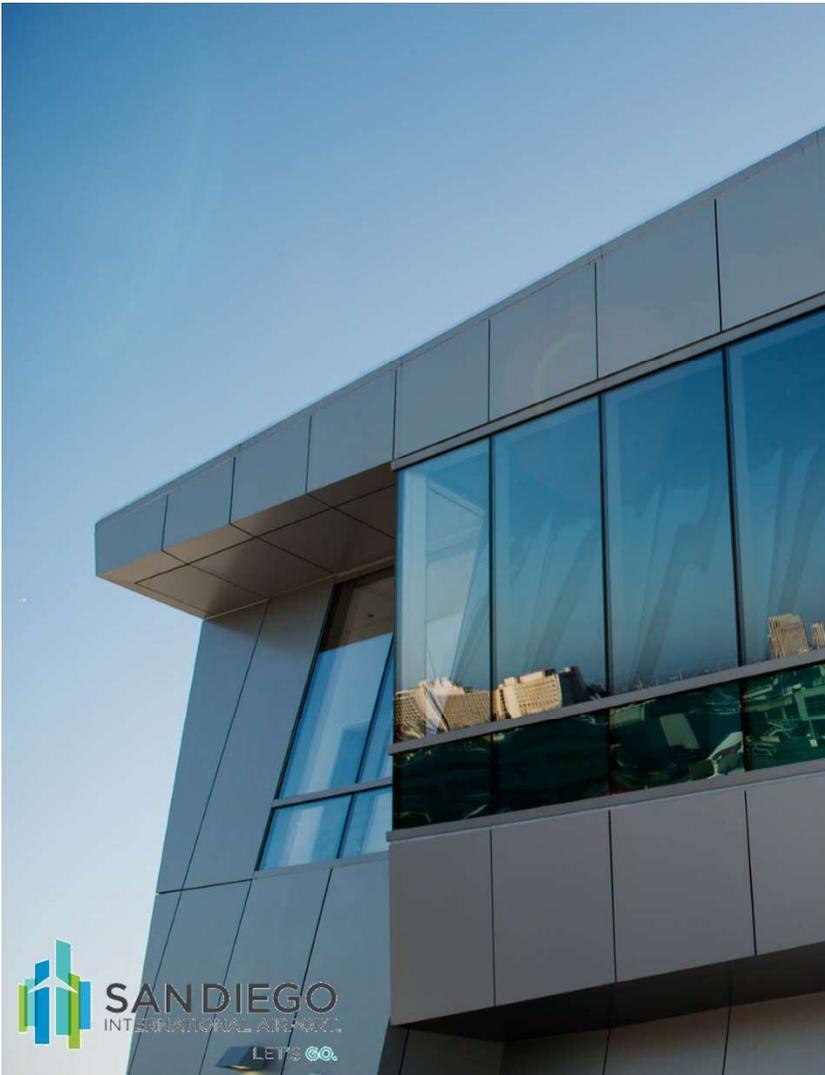
What choices should be on the table...

Questions?

- How do we promote fairness/equity for modes with different –
 - Operations?
 - Regulations?
 - Technology?
- How do we promote equitable access to modes?
- How do we promote TDM –
 - for commercial modes?
 - For the public?
- How does the Authority allocate limited resources/space to modes?
 - Customer preference?
 - Economic or environmental impact?

Questions?

- How does the Authority enable technology integration?
- How does the Authority ensure alignment with regional transportation initiatives?
- How does the Authority encourage/incentivize sustainable transportation options?



Action Items - Heidi Gantwerk



Plan for Future Meetings

- **Meeting 1** – Committee introduction, GT environment/background/operations, discuss standardization issues
- **Meeting 2** – Environmental presentation, regulations, other airport programs, state/national trends, program goals
- **Meeting 3** – Current operating strategy for modes, long-range planning, industry trends, key components of long range strategy
- **Meeting 4** – Working Group – Round Robin
- **Meeting 5** – Working Group – Initial Recommendations
- **Meeting 6** – Final recommendations for Authority Board
 - Recommend standardization actions
 - Define environmental program parameters
 - Define long-range operating strategy parameters
 - Feedback/Review process effectiveness, GT stakeholder engagement strategy going forward



QUESTIONS?

