

APTA – Emerging Leaders Program



Leveraging Your Federal Dollars:

Best Practices and Lessons Learned For P3 Projects

Team #7:

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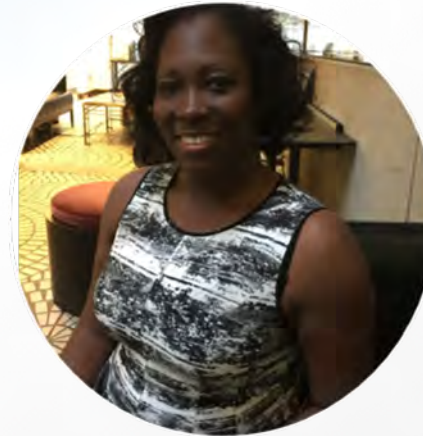
Team



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Los Angeles
County
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Problem



**Limited
funds**



Expansion

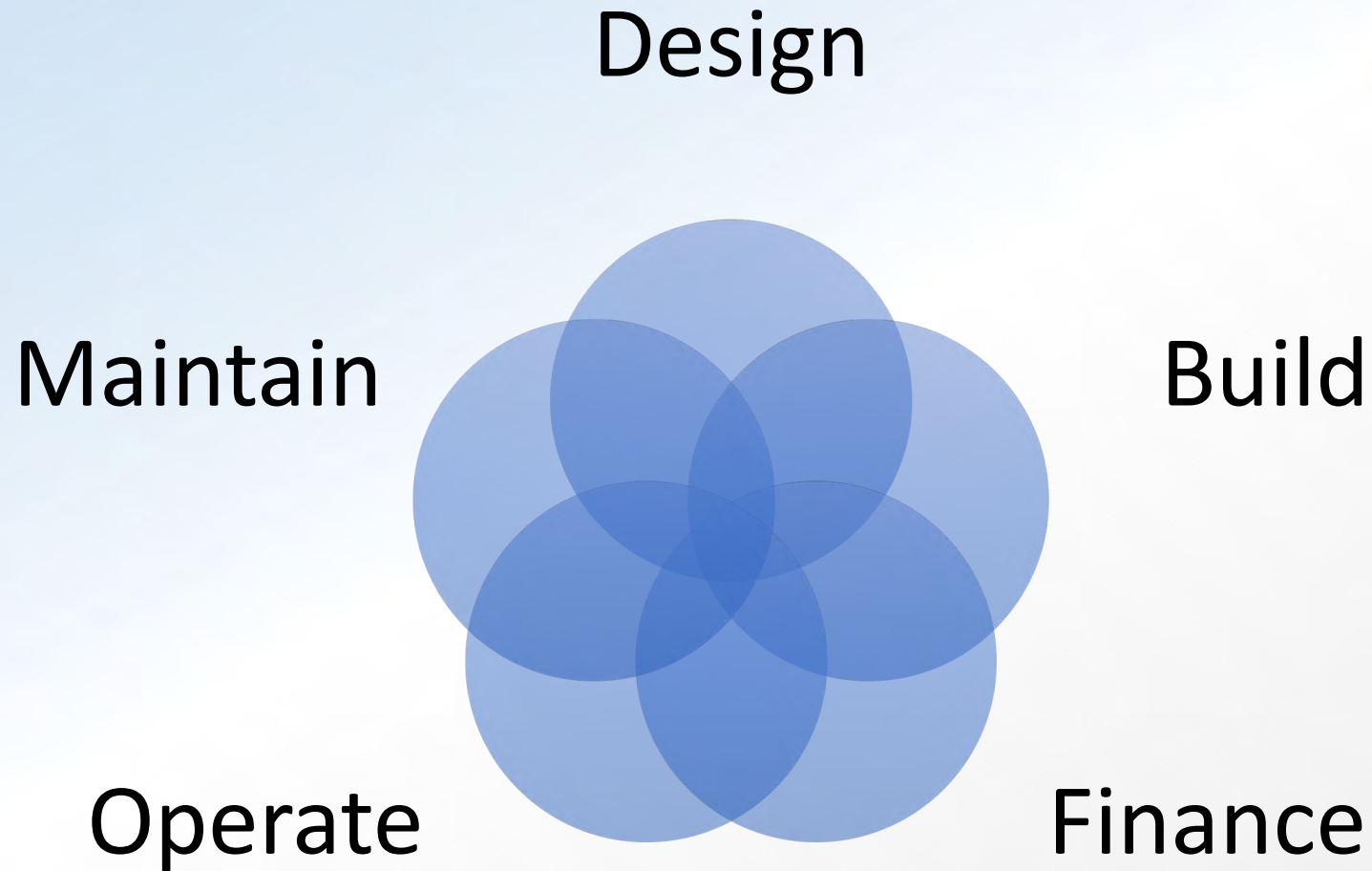


**Improvements/
Maintenance**

Legislative Outline for Rebuilding Infrastructure in America

- \$200 Billion Dollars in Federal Funding
 - + \$800 Billion Dollars in Local Match Funding
 - + \$500 Billion Dollars in ????????
-
- \$1.5 Trillion Dollars in Infrastructure Spending
- Use of private capital is being encouraged to leverage federal dollars

Solution



“The Full Monty of P3” - Phil Washington, CEO | LA Metro


Full Monty P3 : What to Consider



Risk Transfer

Balancing The
Acceptance Of Risk

Who bears risk to
recoup capital
cost?



Revenue Rate of Return

Value For Money Analysis

Is this project worth the
investment for a private
firm?



Project Utility

Independent Utility

Is this a greenfield -
stand alone project
or does it rely on
existing
infrastructure?



Delivery

Project Delivery
Schedule

Does entering into
a P3 agreement
accelerate the
project delivery
timeline?

Successes

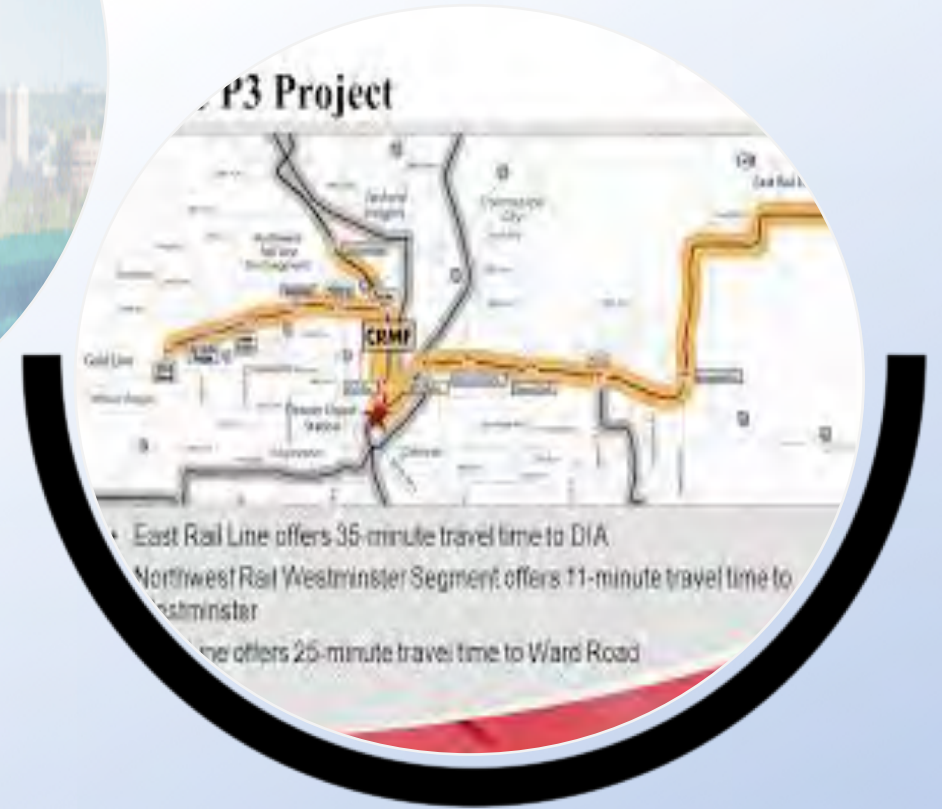
City of Regina, Canada

- Wastewater Treatment Plant Upgrade



Denver Eagle P3


- 36 Mile Commuter Rail Project




Unsuccessful – Indiana East West Toll Road



**\$3.6
Billion**

22%


11%


**\$6
Billion**

Technology P3s – A New Frontier

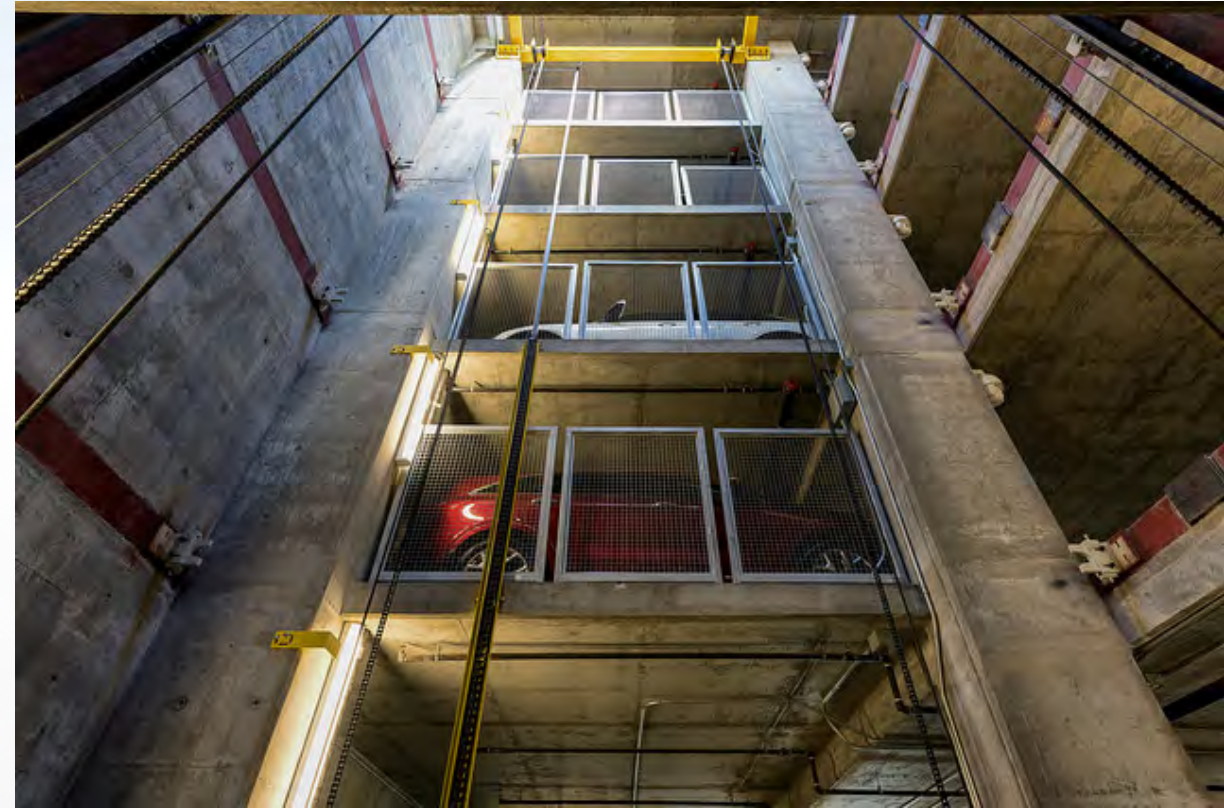
- Technology firms are slow to embrace P3s in transportation sector
- Most P3 projects are in the health care field
- Costs of R&D and business models limit interest in P3s
- Potential Future Projects
 1. Smart Grid
 2. Autonomous Vehicle fleets



San Francisco Bay Area Rapid Transit District

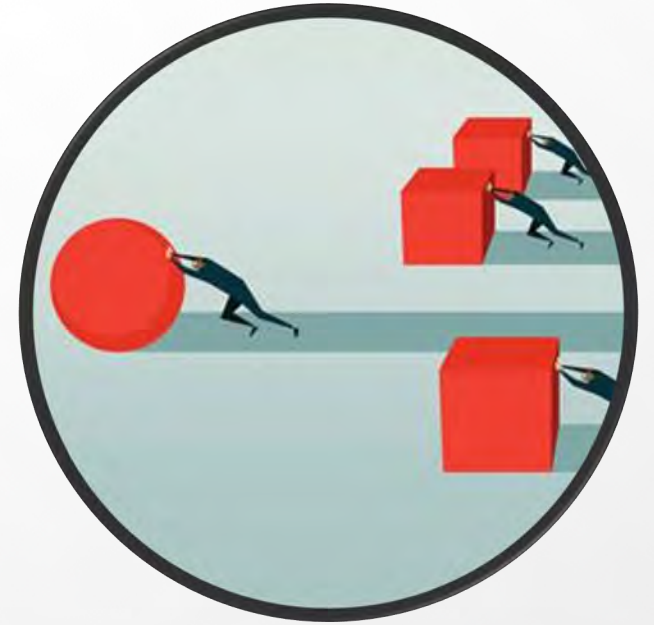
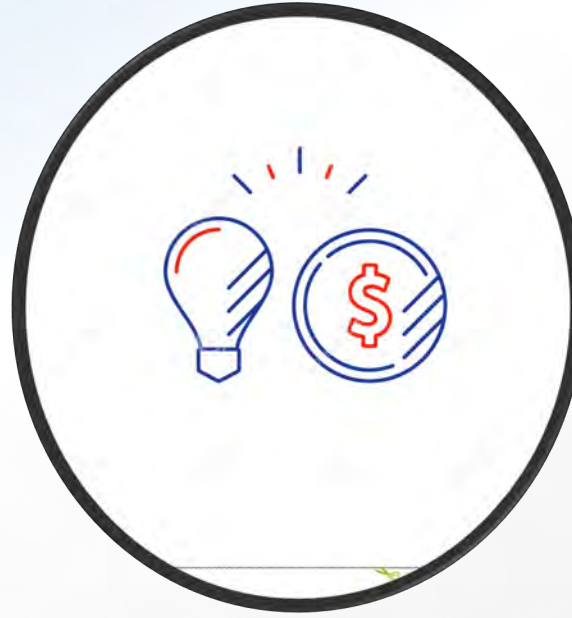
Dublin/Pleasanton Station Hybrid Parking Strategy For Consideration

- Increase parking garage capacity (540 spaces)
- Currently Evaluating Automated Parking Technologies (P3)
- Project Cost ~ \$26 million (as of Feb. 2018)
- Conducted a review of market research, technology review, investment potential
- Findings show opportunity for short term approach to Automated Parking (P3 Project)
 - 3-5 year financing
 - O&M contract for 10 years with options to renew
- Challenges to consider:
 - Future automobile usage/autonomous vehicles
 - At least 20 month process (research, procurement and bidding)
 - Internal Cost and Consultant Cost
 - Funding Process and Competition for Funding



West Hollywood Parking Garage City Hall Automate Garage and Community Plaza Project

Conclusion – A Toolkit for Success



QUESTIONS?

