Creating a NEW Foundation for the NEXT Generation of Transportation Initiatives

UTILITY COORDINATION
Project Authorization

- Transportation Improvement Program (TIP)
  - Communicating the near & long term projects to the utility owners: Match up with utility Capital Improvement Projects
- NEW
Purpose & Scope of Work

- When projects are identified: assess existing utility facilities for level of impact, LOW to HIGH
- Alternative Route Development: include utility facilities in analysis of each alternative
- Scope of Work: define early the level of Utility Impact for Environmental Impact Assessment
- Scope of Work: utility owner representatives identified to be part of the Development Team.
- NEW
Participants & Funding

- Key Stakeholders: each utility in the project limits has a stake in the success of completing on time & on budget
- Prior Rights: what is the best public benefit for utility relocation cost
- Funds: where to go for who provides the consistent $$$
- NEW
Project Foundations

- 3Cs – Communicate, Coordinate, Cooperate: a age old principle
- Interdisciplinary Team – EIA, RWDY, STRU, Drainage, EC, ROW, Utility, etc. through the LIFE of a project
- Goals & Objectives – many objectives make the GOAL
- Accountability – support each Team member
Methods

- Bid/Build: will always be around, more of the “work” to consultants with DOT “MANAGING” $ & Time
- Design/Build: allows DOT to be the “MANAGER”
- Public/Private Partnerships (P3): getting there, for big $$$ projects
- NEW
Design/Build Utility Coordination

- Becoming “Project” Coordinator
  - Utility impacts with EA permits
  - Utility impacts to ROW acquisition
  - Utility impacts to EC & Drainage
  - RDWY & Structure design include utility

- Including more than just “WET” utilities in contract
  - NON Union/Master Contract items for telecommunications
  - Power distribution
  - Gas distribution
Design/Build Utility Coordination

- QA/QC
  - Construction inspection, testing
  - Utility owner responsibility for acceptance
  - Daily diaries and final reports
  - Review invoices for recommendation for payment
- NEW
SUMMARY

- PA – NEW
- P&SOW – NEW
- P&F – NEW
- M – NEW
- D/B UC - NEW