

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

