



Flexibility in Utility Accommodation and Relocation

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Every Day Counts Initiative

- EDC is designed to identify and deploy innovation. Our goals is to:
 - Shorten project delivery
 - Enhance the safety of our roadways
 - Protect the environment



WHAT ARE THE TECHNOLOGIES?

- Warm Mix Asphalt (WMA)



- Precast Bridge Elements (PBE)



- Geosynthetic Reinforced Soil (GRS)



- Safety Edge



- Adaptive Traffic Control Technology (ATCT)



Shortening Project Delivery

- Enhanced Technical Assistance on Ongoing EIS's
- Flexibilities in Utility Relocation
- Flexibilities in ROW
- Design Build



Why focus on Utilities?



Utility Relocation and Accommodation Initiative

- Highlight **existing** flexibilities in federal laws, regulations & policies
- Expedite the accommodation or relocation of utilities through the innovative use of:
 - Agreements
 - Reimbursement
 - Construction Provisions



Utility Relocation and Accommodation Initiative

Benefits:

- Improved collaboration & cooperation
 - Utility interests engaged in project
- Shared risk, costs & gains
- Enhance ability to manage & control utility accommodation & relocation on projects
- Shorten time & reduce costs to:
 - Develop & deliver projects
 - Accommodate or relocate utilities



Agreements

Understanding Flexibilities

- Funding, cost sharing & accounting for cost of work
- Scheduling utility work prior construction
- Managing & administering work & changes
- Type of agreements:
 - Master agreements - 1/3 states
 - Project-specific agreements – 2/3 states



Reimbursement

Federal Participation in Reimbursement:

- Federal-aid highway funds (23 CFR 645.107) may participate if utility relocations or adjustments necessitated by highway project if work involves:
 - Utility with “Compensable Interest” in present location
 - State has legal basis to pay for work
 - Work involves implementing safety corrective measures



Reimbursement

Examples of innovative methods

- Lump sum reimbursements of utilities for eligible relocations
- Cost sharing
- Use of incentives payment for project conditions



Construction Contract Provisions

Examples of innovative methods

- Encouraging relocation of utilities prior highway projects
- Utility owner and state establishing a list of pre-qualified contractors
- Utility owner creates the relocation plans



Successful Practices

Agreements

- Caltrans
 - Master agreements with utilities
 - DOT pays 100% of relocation if utility has a prior right
 - Utility pays 100% cost if installation is by permit
 - 50/50 split for all other cases



Successful Practices

Reimbursement

- NHDOT
 - Force Account Agreement where municipal utility might not have the full funding.
 - NHDOT will enter force account agreement with utility company and take payment from municipality



Successful Practices

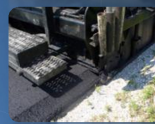
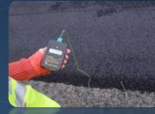
Construction Contract Provision

- NJDOT
 - Use of pre-approved subcontractors
 - The list is pre-approved by utility companies
 - Provision indicates what work must be performed by subcontractor and what work will be performed by the prime contractor.



WHY YOU ARE ESSENTIAL TO EDC SUCCESS

- Only together can we truly shorten project delivery and accelerate the deployment of innovative technologies!



THANK YOU

