SWEDE TxDOT Relocation Workshop

TNMP Highway Crossings

- Existing overhead crossings under conflict
- Modified from overhead to underground construction
- TNMP standard construction for dip poles
- NESC Grade B Construction
- 795 AAC , 795 ACSR were required
- 1000 for underground crossings
- Man holes used for underground crossings

Safety

- Location of man holes
- Location of dip poles
- Location for direction bore
- Clearance from signs, parking lots, other utilities

TNMP Standards

- Maintain TNMP standard construction
- NESC Guidelines
- Addition easements acquired when needed for man holes
- Environmental assessment completed prior to design
- Non-standard installed bundled overhead primary (Hendrix Cable)

Outsourcing

- Engineering design and services
- Includes staking, procuring RoW, inspections, and reimbursement services

TxDOT Requirements

- Required man holes to be 5 feet below grade
- “By America” steel for steel encasement and steel poles
- Issues securing acceptable documentation from vendors
- Limited Maximum diameter for poles in the RoW

Issues

- Unwillingness of property owners to provide easements required for undergrounding of crossing
- Signs and billboards obstructed clearance in certain areas
- RoW was tight in some areas
- Finding qualified Consultant to work in TNMP systems
- Designating single TNMP contact/project manager for TxDOT and Consultant

Questions