Utility Accommodation Policy and Standards

2009
PREFACE

- Highways for Motorists
- Benefits from Joint-Use of R/W
- Utilities Responsibilities
  - Accommodation
  - Relocation
- Relationships – CCCC
  - GDOT - Local Gov'ts - Utilities
# Table of Contents

- Chapter 1 – Acronyms & Definitions
- Chapter 2 – Authority/Purpose/Scope
- Chapter 3 – Accommodation (Permits)
- Chapter 4 – Relocations (Projects)
- Chapter 5 – Controls & Standards
- Chapter 6 – Vegetation Management
- Chapter 7 – GDOT Railroad Corridors
- Chapter 8 – Utility Pole Safety (CRC)
Chapter 1

- 20 New Acronyms or Abbreviations
- Over 100 New Definitions (68 to 177)
  - Abandoned Facilities
  - Active Projects
  - As-Built Plans
  - Damages
  - Delay Costs
Chapter 1

New Definitions (continued)

- Emergency
- ESAs
- Escalation Process
- Maintenance
- Mediation
- Project Manager
Chapter 1

- New Definitions (continued)
  - Relocation
  - Work Plan
DID YOU KNOW?

- GDOT RECEIVED MORE THAN 430 WRITTEN COMMENTS FROM VARIOUS ENTITIES.......AND OVER HALF WERE INCORPORATED
Chapter 2

- Authority to Regulate (OCGA & Feds)
- Authority to Reimburse (OCGA & Feds)
- Purpose of Manual
  - Uniform Policies & Standards
  - Basis for the Planning of Utility Installations
  - Establish Permitting System
Chapter 2

- Scope of Application
  - State Highway System
  - Local Roads & Streets
    - Active Projects (local let)
    - Other Projects (sponsor)
Chapter 2

- Utility Driveways
  - Regulations for Driveway & Encroachment Control (Driveway Manual)
  - “should” apply

- Service Lines
  - meters/vaults/pressure devices (off R/W)
  - except installations for highway purposes
Chapter 2

- Abandoned Facilities
  - Ownership is not relinquished
    - reference OCGA 25-9 (GUFPA)
  - *Hazardous materials – removal*

- Retention of Existing UG Facilities
  - on highway construction
Chapter 2

- Notifications / Failure to Begin Work / Failure to Complete Work / Failure to Comply / Mediation

- Traffic Control
  - MUTCD, current edition
Chapter 2

- Undergrounding of Pole-lines
  - \textit{GDOT does not require}
  - \textit{GDOT will participate if we initiate}
  - safety / aesthetics
  - no future ovhd lines on route

- Work Time Restrictions or Moratoriums
  - Advanced notification unless emergency
Control of Soil, Erosion & Sediment

- Utility shall apply for and obtain all permits required
  - Accommodation
  - Relocation
    - Same, unless work is covered as a GDOT pay item (i.e. included in hwy contract)
DID YOU KNOW?

- GDOT HAD TO FIND AND REVIEW OVER 90 INTERNAL “MANUAL OF GUIDANCE” (MOGS) DOCUMENTS AND “TRANSPORTATION ON-LINE POLICIES & PROCEDURES” (TOPPS) RELATING TO UTILITIES
  - Retain as-is / Retain re-written
  - Incorporate into Manual
  - Delete
Chapter 3

Qualifications
- Mainly for new companies entering state
- “Telecom boom”
- Accountability

What Requires a Permit
- 3 “main” Types of permits
  - General
  - Blasting
  - Vegetation
Chapter 3

- Tables 3.1 and 3.2
  - Reviews / Concurrences / Approvals

- Inspection of Facilities
  - Compliance with Permit
  - Physical Engineering Studies (surveys)
    - Advanced notice by GDOT
Chapter 3

- Work by Utility
  (contractors/subcontractors)
  - cover in contract; or
  - complete special assurances form

- Insurance Sections
  - New Limits
    - Written by Attorney General’s office with direct input from GUCC
Chapter 3

- Plans
  - Existing Utilities
  - Test Hole locations (if under pavement)
  - Pole Transfers
    - Dual Pole Form

- Compliance with Plans
  - As-Built
    - definition; more critical to have this information as GUPS moves forward
Chapter 3

- Notices to GDOT’s A/E and P/I
  - Critical (CCCC)

- Maintenance Activities
  - *(read section)*

- Emergencies
  - Permit w/in 5 business days
  - Notification
Chapter 3

- Assignment or Transfer
  - Written notice w/ specific info

- Large Projects
  - Required to participate
  - Site Surveillance / GUCC Locator Certification

- Vehicle & Equipment Identification
  - Clearly marked or labeled
GOALS

- Minimize Interpretations
Chapter 4

- Completely Re-Written

- Roles & Responsibilities
  - GDOT – State Utilities Office
  - GDOT – District Utilities Office
  - Utilities
Chapter 4

- Subsurface Utility Engineering Section
- Utility Plan Development Process
  - Concept to Final Acceptance
- Plan Submission Deadlines
  - 30 to 120 days
- Contents of Utility Plans & Utility Adjustment Schedule (i.e. Work Plan)
- Escalation Process
Chapter 4

- **Reimbursement**
  - 10 Cases (review of each)

- **Eligible Costs** – including consultant & contractor services

- **Cost Estimates** – preparation and accuracy....
Chapter 4

Agreement Types
- Standard (SUA)
- Contract Item (CIA)
- Easement Limited (ELA)
- Transportation Purpose (TPA)

Change Orders / Modifications / Allotment Requests
- Notifications / Documentation
Chapter 4

- Authorizations / Notifications / Coordination
- Revised Work Plan on Construction
- Procedures for Utility Damages or Delay Costs
Chapter 4

Billing and Payment Phase
- Progress Bills > $1000
- Detailed records
- Final Bills

“Reimbursement Guidelines & Billing Procedures for Utility Adjustments”
GOALS

- Statewide Dissemination ("one fiefdom")
Chapter 5

- Section 5.1.B and 5.1.C
  - Read sections

- Cover
  - Crossings
  - Longitudinal
Chapter 5

- Encasement
  - Current Requirements
  - AASHTO Study

- Steel Plates
  - None on Highways w/ 45 mph & greater
  - 4 consecutive days
  - Identification
  - Temporary Traffic Control
Chapter 5

Surface Restoration
- Asphalt / PCCP / Flowable Fill / Test Holes

HDD – Trenchless Construction Section

Manholes
- Widening Projects (outside exist. pavement)
- “ “ “ (in existing pavement)
- Resurfacing Projects
- Milling & Resurfacing Projects
Chapter 5

Controls for Overhead Facilities

- Horizontal - Rural vs. Urban
  - Figures and Control Zones
- Vertical – 22 feet for electric & 18 feet for communication and cable (on new opportunities or new installations – as we move forward not retroactive)
- Radial – 20 feet minimum
Chapter 5

Highway Crossings

- Removed the Table w/ dimensions
- Similar to Longitudinal installations
- Based on review of CWP and R/W phase

Electric Transmission Facilities

- 46 kv to 115 kv
- Single Pole, typically
Chapter 5

- Lighting Policy and Procedures (New)
  - Residential / Business / Governmental

- Bridge Attachments, etc.

- “Special Case” Utilities
  - Irrigation, Drainage Facilities & Clay Pipelines
GOALS

- Consistent Updates
  (i.e. 5 yrs)
Chapter 6

Addendum to ‘88 Manual – 1/01/2002

Senate Study Committee (GDOT & GUCC)

Permit required (3 activities)

Mowing / Chemical Control / Pruning & Tree Removal

Minor changes for ‘09 Manual

“New” Installations

Mitigation Plan – “shall” to “may”
Chapter 6

- Minor changes for ‘09 Manual
  - Maintenance Requirements
    - existing facilities that are upgraded and have to widen the existing vegetation area by additional tree removal or trimming....shall follow requirements of tree removal for 15’ swath or less remaining on R/W
  - Added language on “danger” trees
DID YOU KNOW?

- When “fully” implemented – the Manual will be available via the Web and an Interactive document, links, index, etc.
  - With help from IT – 2/1/2009 is goal
  - Print hard-copies as needed
Chapter 7


- GDOT owns RR corridors

- Bottom Line – Utility crossings of GDOT’s RR corridors must be permitted through GUPS
Chapter 7

- RR Map / Information
  - Contact GDOT Office of Intermodal
    - 404-631-1229 or 1242
  - Visit GDOT Website and click on “Maps”
Chapter 8

- 13 years in existence – never really formalized
- Joint effort with GUCC – CRC committee
- Fundamentals
- Existing Facilities
  - 2 categories***
- New Facilities
Chapter 8

- Exceptions WILL refer to the FHWA
  - With or without funding

- Participation
  - MOU
    - Participate and transfers
  - Otherwise follow clearzone requirements w/ no exceptions
Questions?

- State Utilities Office
  404-631-1354

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- web site: www.dot.ga.gov