

Utility Accommodation Policy & Standards Manual

2009

Utility Accommodation Policy and Standards

2009



PREFACE

- Highways for Motorists
- Benefits from Joint-Use of R/W
- Utilities Responsibilities
 - ◆ Accommodation
 - ◆ Relocation
- Relationships – CCCCR
 - ◆ 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

(slide 1 of 3)

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

Chapter 1

(slide 2 of 3)

■ **New Definitions (continued)**

◆ **Emergency**

◆ **ESAs**

◆ **Escalation Process**

◆ **Maintenance**

◆ **Mediation**

◆ **Project Manager**

Chapter 1

(slide 3 of 3)

- **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

(slide 1 of 7)

- **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

(slide 2 of 7)

■ Scope of Application

- ◆ State Highway System

- ◆ Local Roads & Streets

 - ◆ Active Projects (local let)

 - ◆ Other Projects (sponsor)

Chapter 2

(slide 3 of 7)

■ 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

(slide 4 of 7)

■ Abandoned Facilities

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

■ Retention of Existing UG Facilities

- ◆ on highway construction

Chapter 2

(slide 5 of 7)

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

- **Traffic Control**
 - ◆ **Addendum to '88 Manual – (9/17/2002)**
 - ◆ **MUTCD, current edition**

Chapter 2

(slide 6 of 7)

■ Undergrounding of Pole-lines

- ◆ *GDOT does not require*
- ◆ *GDOT will participate if we initiate*
 - ◆ *safety / aesthetics*
 - ◆ *no future ovhd lines on route*

■ Work Time Restrictions or Moratoriums

- ◆ **Advanced notification unless emergency**

Chapter 2

(slide 7 of 7)

■ 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

(slide 1 of 6)

■ Qualifications

- ◆ *Mainly for new companies entering state*

 - ❖ *“Telecom boom”*

- ◆ *Accountability*

■ What Requires a Permit

- ◆ 3 “main” Types of permits

 - ◆ General

 - ◆ Blasting

 - ◆ Vegetation

Chapter 3

(slide 2 of 6)

- **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

(slide 3 of 6)

■ 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

(slide 4 of 6)

■ 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

(slide 5 of 6)

- **Notices to GDOT's A/E and P/I**

- ◆ **Critical (CCCC)**

- **Maintenance Activities**

- ◆ *(read section)*

- **Emergencies**

- ◆ **Permit w/in 5 business days**

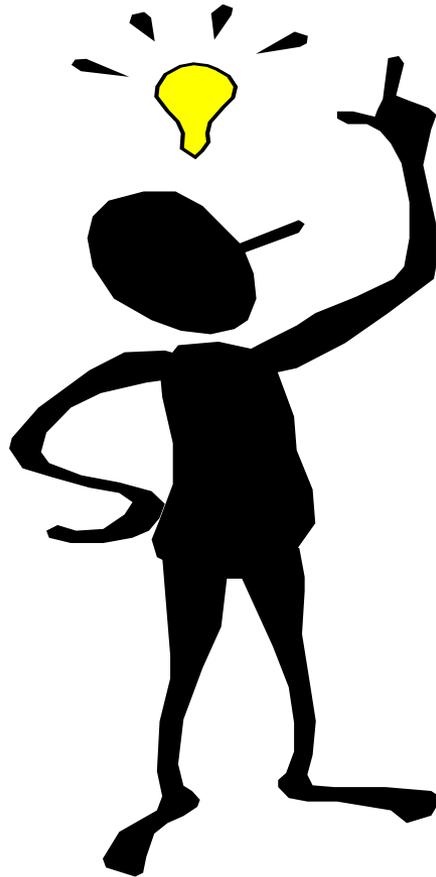
- ◆ **Notification**

Chapter 3

(slide 6 of 6)

- **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

(slide 1 of 6)

- **Completely Re-Written**

- **Roles & Responsibilities**
 - ◆ **GDOT – State Utilities Office**
 - ◆ **GDOT – District Utilities Office**
 - ◆ **Utilities**

Chapter 4

(slide 2 of 6)

- **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

(slide 3 of 6)

- **Reimbursement**

 - ◆ **10 Cases (review of each)**

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

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

Chapter 4

(slide 4 of 6)

■ Agreement Types

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

■ Change Orders / Modifications / Allotment Requests

- ◆ Notifications / Documentation

Chapter 4

(slide 5 of 6)

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

Chapter 4

(slide 6 of 6)

■ Billing and Payment Phase

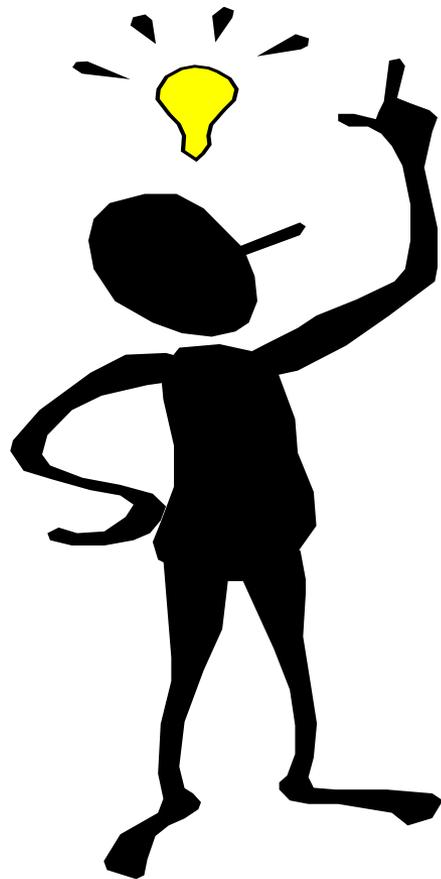
- ◆ Progress Bills > \$1000

- ◆ Detailed records

- ◆ Final Bills

■ “Reimbursement Guidelines & Billing Procedures for Utility Adjustments”

GOALS



- **Statewide
Dissemination
("one fiefdom")**

Chapter 5

(slide 1 of 6)

- **Section 5.1.B and 5.1.C**

- ◆ *Read sections*

- **Cover**

- ◆ **Crossings**

- ◆ **Longitudinal**

Chapter 5

(slide 2 of 6)

■ Encasement

- ◆ *Current Requirements*

- ◆ *AASHTO Study*

■ Steel Plates

- ◆ **None on Highways w/ 45 mph & greater**

- ◆ **4 consecutive days**

- ◆ **Identification**

- ◆ **Temporary Traffic Control**

Chapter 5

(slide 3 of 6)

■ 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

(slide 4 of 6)

■ 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

(slide 5 of 6)

■ 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

(slide 6 of 6)

- **Lighting Policy and Procedures (New)**

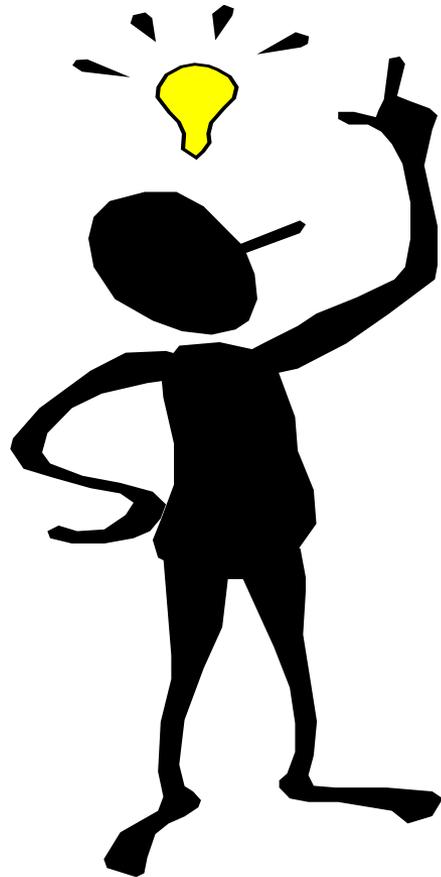
- ◆ *Residential / Business / Governmental*

- **Bridge Attachments, etc.**

- **“Special Case” Utilities**

- ◆ **Irrigation, Drainage Facilities & Clay Pipelines**

GOALS



- **Consistent Updates**
(i.e. 5 yrs)

Chapter 6

(slide 1 of 2)

- **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

(slide 2 of 2)

■ 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

(slide 1 of 2)

- **Addendum to '88 Manual – 10/27/2004**
- **GDOT owns RR corridors**
- **Bottom Line – Utility crossings of GDOT's RR corridors must be permitted through GUPS**

Chapter 7

(slide 2 of 2)

■ RR Map / Information

- ◆ Contact GDOT Office of Intermodal

 - ◆ 404-631-1229 or 1242

- ◆ Visit GDOT Website and click on “Maps”

Chapter 8

(slide 1 of 2)

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

Chapter 8

(slide 2 of 2)

- **Exceptions WILL refer to the FHWA**

- ◆ **With or without funding**

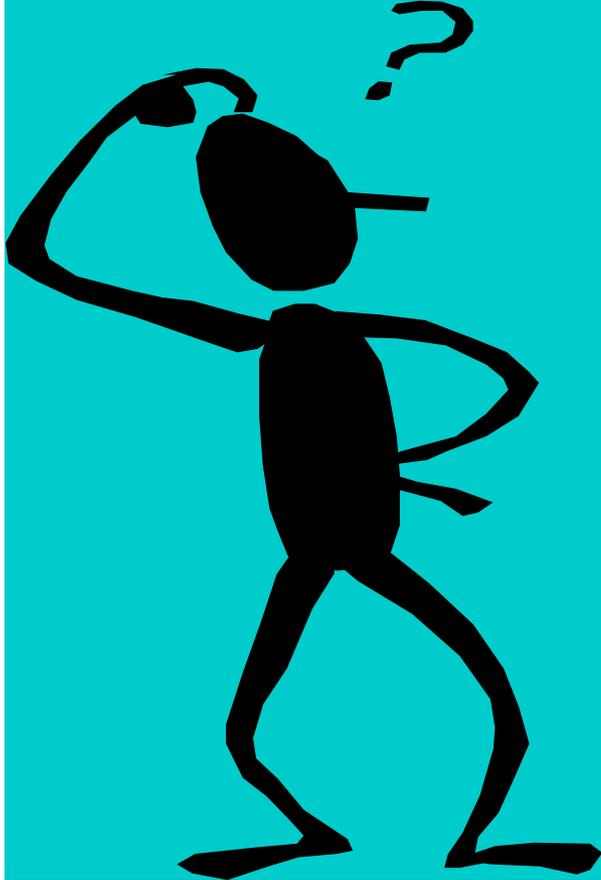
- **Participation**

- ◆ **MOU**

- ◆ **Participate and transfers**

- ◆ **Otherwise follow clearzone requirements w/
no exceptions**

Questions?



- **State Utilities Office
404-631-1354**
- **jbaker@dot.ga.gov**
- **web site: www.dot.ga.gov**