

# CHAPTER 9

## OTHER PROJECT TYPES

### 9.1 CLEARING AND GRUBBING PROJECTS

#### 9.1.1 General

A Clearing and Grubbing project is normally used when extensive or complex utility adjustments will be required in advance of a roadway construction project. This allows the utility adjustments to be accomplished without delaying the prime roadway contractor on the construction project.

One of the questions on the plan-in-hand report asks about the need for a separate Clearing and Grubbing project. The District, with concurrence from the Construction Section, makes the determination.

#### 9.1.2 Plan Preparation

After the decision is made to create a separate Clearing and Grubbing project, the design and construction plans are completed to the point where all required right-of-way, limits of construction, improvements, etc. are adequately shown following normal design, detailing, plan production, administration, and other procedures. Copies are then made of the Title Sheet, Typical Section Sheets, Plan-Profile Sheets, and Plan Sheets to be used for the Clearing and Grubbing plans. These sheets are modified as shown below. In addition, other sheets required for the Clearing and Grubbing project are listed below with a description of the sheet requirements.

1. Title Sheet: The Title Sheet is modified to show the Clearing and Grubbing information, such as project name and number, index, and type of construction.
2. Typical Section Sheets: A note is placed on the Typical Section Sheets clearly stating "FOR INFORMATIONAL PURPOSES ONLY". Project blocks are appropriately modified to show the Clearing and Grubbing information.
3. Summary Sheets: Summary Sheets are prepared showing tables for such items as fence, disposition of buildings, and Summary of Estimated Quantities.
4. Plan-Profile and Plan Sheets: A note is placed on the first Plan-Profile or Plan Sheet clearly stating "FOR INFORMATIONAL PURPOSES ONLY".

5. Miscellaneous Sheets: Miscellaneous sheets such as Minimum Construction Signing Sheets are developed as needed.
6. Right-of-Way Maps: The Right-of-Way Maps are included in the Clearing and Grubbing plans and the Real Estate Section will purchase all right-of-way required for the ultimate roadway construction. The information for the construction project is shown in the title block in the lower right hand corner of the maps, since the right-of-way is required for the roadway construction. Information for the Clearing and Grubbing project is shown in the blocks in the upper right corner of the maps, since the sheets are included with the Clearing and Grubbing plans.
7. Standard Plans: All applicable Standard Plan Sheets, such as standard plans for construction signing, erosion control, fencing, etc. should be included.

In addition to the above changes required for the Clearing and Grubbing project, certain modifications to the roadway construction plans will be required as follows:

- Notes and line work calling out “Required Right-of-Way” should be changed to “Existing and Required Right-of-Way” on the roadway construction plans. Likewise, “Existing Right-of-Way” notes and line work no longer applicable should be removed.
- The Right-of-Way Maps are not included in the plans for the construction project. Instead, a note is placed on the first Plan-Profile Sheet in the roadway construction plans stating that the right-of-way was previously purchased. The note should include reference to the Clearing and Grubbing project number and should state that copies of the maps will be made available upon request.

For additional information pertaining to sheet drafting and layout procedures, see Chapter 8.

### **9.1.3 Plan Processing**

Plan processing for Clearing and Grubbing projects will generally follow the procedures noted in Section 1.4.

**9.2 OVERLAY OR WIDENING AND OVERLAY PROJECTS (NOT INCLUDED)**

**9.3 3R PROJECTS (NOT INCLUDED)**

**9.4 BRIDGE REPLACEMENT PROJECTS (NOT INCLUDED)**

**9.5 INTERSTATE MAINTENANCE PROJECTS (NOT INCLUDED)**

**9.6 URBAN SYSTEMS PROJECTS (NOT INCLUDED)**