

This information is to be shown on a "METES AND BOUNDS" sheet included in the approved right of way plan assemblies for applicable projects as a "1 series" sheet. Information shown shall include property owner names (including adjacent parcels), utility company names (e.g. Bell Atlantic, Virginia Power, Hampton Roads Sanitation District, etc.) types of easement (permanent drainage, permanent utility, temporary construction, etc.) property lines, right of way and easement lines (proposed and existing), centerline/baseline identification with stationing, bearings, lengths, curve data, and acreage of take. Right of way and permanent easement takes on radius are to show chord length, chord bearing, arc length, and radius.

The Metes and Bounds closure is to be calculated in a clockwise direction, with all break points labeled and information (bearings, lengths, curve data) shown in tabular form on the Metes and Bounds sheet. The point of beginning for each parcel will be a readily identifiable point, such as an iron pin, Right of Way monument or reference to the Construction Baseline. Deed records for railroad properties are to be referenced from a railroad mile post and tied specifically to railroad track stationing. The Metes and Bounds sheet should have sufficient descriptive detail to be used independent of the construction plan sheets; however, construction plans and Metes and Bounds sheets should reference each other for supplemental information.

A separate metes and bounds sheet may not be needed on non-complex projects, provided data can be shown legibly on the roadway plan sheet.

The District Survey Sections (or Central Office Survey Section) shall confirm that the metes and bounds are shown correctly. The road designer shall furnish any available original property line back up information to the Survey Section for this review. At the completion of the review, the road designer shall furnish the sheet to the Right of Way Division, normally, as part of the approved right of way plan assembly for their use in preparing the deed description. (See Sample Metes and Bounds Sheet, Figure 2E-9).

Some Federal agencies prefer that only a single roadway easement be shown, rather than separate easements for roadway, drainage, stormwater management or other types of permanent easement. It would be advantageous to the designer to contact the Central Office Right of Way Division's Special Negotiations Section for directions prior to determining right of way requirements.

Deleted Information\*

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\* Rev. 1/09