L Sheets

The L sheets generally contain detailed information about intersection geometrics necessary for construction. Section 1F-12b provides more information.

Contents of the L Sheets

The L sheets contain the following sheets:

- Geometric Sheets.
- Staking Sheets.
- Edge Profiles Sheets, see Section 6A-9.
- Jointing Sheets, see Section 7A-2.

Sample L Sheets

- Geometric Sheet
- Staking Sheet
- Edge Profile Sheet
- Jointing Sheet

Plan Quality Checklist

General

- Are Intersections presented in order of occurrence?
- Are Intersections labeled in the bottom right of the plan view?
- Does the text size look correct?
- Are the following included?
  - Scale block.
  - North arrow.
  - Township and range.

Geometric Sheets

- Are the following areas labeled?
  - Roadways.
    - Width.
  - Edge returns.
    - Curve names.
    - Control points.
Station equations.
- At roadway intersection points.
- Along the roadway.
- Intersection angle.

Entrance locations and types.

Tapers
- Beginning point.
- Ending point.
- Taper rate.

General notes

**Staking Sheets**

Are the following areas labeled?

- Profile grade location.
- Cross slopes.
  - Rate.
  - Length.
- Cross slope transition areas.
- Areas of special shaping.
- Elevations at:
  - PC(s) and PT(s) of edge returns.
  - Intersection lane lines.
  - Beginning and ending points of taper.
  - Profile grade where cross slopes begin and end a transition.

**Edge Profile Sheets**

- Are profile grade elevations shown at 5’ intervals?
- Are tie-in grades shown.
- Are VPI points labeled.
- Get a COGO output of the edge profiles and verify that the L sheet grades match.

**Jointing Sheets**

- Are the following items labeled?
  - Type of Joint.
  - Length of Joint.
- Are the following areas shown?
  - Box outs.
  - Headers.
  - Structures.
- General notes