

60% Preliminary Plan Submittal to

Location and Survey Checklist

Title Sheet

- ___ Does the project name on the title and plan sheets match the name in the Project System?
- ___ Is the Project Length Table accurate?
- ___ Are the CS Log Miles accurate?
- ___ Are the arrows on the Layout Map pointing to the correct location?
- ___ Do the beginning, ending, equation and other event callouts match the same callouts on the plan sheets?
- ___ Is the north arrow shown on the Layout Map?
- ___ Is the scale for the Layout Map labeled correctly?

Plan/Profile Sheets

- ___ Are all of the project baseline(s) information correct?
 - Use InRoads Alignment Report to verify.
 - Does the math work out related to the curve data, bearings and stations given for P.C.s, and P.T.s ?
 - Is the correct level of accuracy used?
 1. P.I. stations to 2 decimals
 2. Northing/Easting for begin and End of project to 4 decimals
 3. Delta angle, degree of curve, and bearings to 1 decimal
 4. Tangent length, length of curve, and radius to 2 decimals
 - Are all baselines labeled correctly?
 - Is the centerline labeled as Surveyed & Adopted, Projected & Adopted, etc.?
 - Are all route names shown where appropriate?

___ Is all of the alignment information shown?

- Are the tick marks correct?
- Is all stationing shown?
- Is curve data needed?
- Are the P.C.'s, P.I.'s, P.T.'s, P.O.T.'s shown and labeled correctly?
- Are the non curvilinear P.I.'s and bearings shown and labeled correctly?
- If multiple baselines appear on the sheet, does the curve data specify the baseline name? (CL La 1 Curve Data) (CL Main Street Curve Data)

___ Is there enough information shown for the right-of-way ties? (A station and offset is shown at every required right of way break. Typically, for a callout at the intersection of required and existing right of way, either an offset distance, "or", an alignment station is used for one of the callout comments when tying to the existing right of way, and the other callout comment is shown or labeled as "Tie to Existing".)

Specify STATION - when existing r/w line being tied into is generally parallel to project centerline

Specify OFFSET - when existing r/w line being tied into is generally perpendicular to project centerline

___ Are the required right of way lines generally parallel to centerline tangents and concentric to centerline arcs? (Exceptions are to be made when flaring to a different offset.)

___ If taking is shown on multiple sheets for the same station/offsets (roundabouts usually), confirm that the labels are from the same baseline in every occurrence.

___ When servitudes are needed, label the servitude (construction, drainage, or railroad)

___ Are all Control Section(s) related to the project shown on each plan profile sheet.

___ Is the North Arrow shown with the proper scale?

___ Are there sufficient R/W markers? (At breaks in the Required R/W, max 1,500' on tangents and 1,000' on curves, PC, PT, etc.)

___ Are the limits of construction located inside of the required right of way/servitudes.

___ Multiple sites on a project do not have same or similar stationing.

___ Taking lines begin and end inside of the project limits.