

Hydraulics RCB P&P Check List

This sheet shows bridge and overtopping location. This is not to be used in construction plans.

Please include the following information:

Plan View

- Rotate plan view to match profile with stationing from left to right (North does not need to be up!).
- Include plan view of the RCB location and overtopping location (if reasonable to be shown on the same sheet).
- Show north arrow.
- Show contours and contour elevations.
- Show the flowline and flowline stations annotated every 100' - downstream starts at 0+00
- Show existing RCB (or bridge layout including substructure) and proposed bridge layout showing wingwalls and apron.
- Scale Appropriately.
- Include C/L, C/L STA, R/W lines.
- Rotate plan view to match profile with stationing from left to right.

Profile View

- Include the existing roadway profile.
- The vertical scale is 10:1, and the horizontal scale is 1:1 in Microstation.
- Print to appropriate scale.
- Annotate the elevation of the existing and proposed roadway profile every 100'.
- Show existing RCB (or bridge layout including substructure) and proposed bridge layout showing wingwalls and apron
- Include the following details for both the existing and proposed bridge:
 - Centerline Station
 - Bridge Description
 - Inlet Elevation
 - Roadway Overtopping Elevation
 - Outlet Elevation
 - Slope of RCB
- Include the following details in title block:
 - County
 - Highway
 - JP Number
 - Waterway Name

* Do not show shoo-fly detour (provide separate shoo-fly drawing)