



Foundation Plan - Checklist

Structure:	Structure Number:
Contract Number:	Project Number & Phase:
Detailer:	Date:
Designer:	Date:
Checker:	Date

Plan

- 1. Do not use "drop out" line style to show existing contours. Grade changes and final grading information is typically shown in ROADWAY PLANS.
- 2. Clip or mask contour lines that interfere with footing outlines, dimensions, stations, or bearings.
- 3. Relocate any pertinent information and text provided by Preliminary Investigations Branch that describes existing features that interfere with footing outline. The only exception is for existing and relocated utilities, which shall be fully shown.
- 4. Show North arrow.
- 5. Show names of nearest towns or cities.
- 6. Show PILE DATA TABLE (see *Memo to Designers: 3-1 Deep Foundations*) for more information.
- 7. Draw footings to scale, but do NOT dimension sizes of footings. The bottom of footing elevations shall be shown to the nearest 0.1 foot (e.g., 120.0)
 - The bottom of footing or bottom of abutment elevation for end diaphragm type abutments is not required if it is a constant depth and detailed on the ABUTMENT LAYOUT sheet.
- 8. Do NOT show all piles in a footing; instead show a few piles to indicate footings have piles, see *Bridge Design Details: 5A Footing Layout Information* (Exception: Column pile extension layouts shall be shown).
- 9. Show all bearings of abutment, bent, and pier centerlines. If supports are parallel, the bearing may be noted as such. Identify the stations where the support centerlines and bridge layout line intersect.
- 10. Only the GENERAL PLAN and FOUNDATION PLAN sheets should contain layout information such as bearings, stations, and curve data.



- 11. The layout line on the FOUNDATION PLAN sheet shall be the same line used on the GENERAL PLAN and other detail sheets.
- 12. Layout information shall be sufficient for the survey crews to stake out hubs for the contractor's use during construction.
 - Show adjacent retaining wall or wingwall retaining wall layout lines and footings. When adjacent wall details are provided in separate set of structure plans, the FOUNDATION PLAN sheets shall be similar between structures.
- 13. If stripping excavation is required, show the limits of stripping and the necessary sections needed to show limits of payment for the stripping excavation.
- 14. Other items such as HYDROLOGIC SUMMARY table or SCOUR DATA TABLE shall be added for structures over water.