

As Constructed Plans

The As Constructed Plans are used to document the changes that were made to the plans during construction of the project. It is important to know the exact details that were constructed to allow proper maintenance to be done, to perform any needed repairs, and to accommodate any future construction on that section of roadway.

The Project Manager must revise sets of all of the plan sheets, that have the project name on them, to show the actual "As Constructed" details, except for:

- "Traffic Control Plan" sheets
- "Stage Construction" sheets
- "Erosion and Sediment Control Plan" sheets
- "Pollution Control Plan" sheets
- "Pipe Data" sheets
- "Summary" sheets that only show quantities

Do not revise Earthwork, Trench Excavation, or Ditch Excavation quantities.

After making all corrections and additions, mark each sheet "As Constructed" and have the Project Manager sign and date each sheet, even if the sheet has no changes. Submit "As Constructed" sheets of "Standard Drawings", with the "As Constructed" plans, only if the construction details were changed.

Distribute copies of the "As Constructed" plan sheets to:

- One complete set to the Engineering Documents Specialist in the Roadway Engineering Section. That person will distribute appropriate drawings to other project development sections as appropriate.
- One complete set to the District Office responsible for maintaining the facility
- One set to be retained by the Project Manager
- Other sets to appropriate parties as requested or as determined by the Project Manager

Use prints of the latest revised plan sheets to prepare the "As Constructed" plans. Use the full size 22" x 34" sheets unless the "As Constructed" details can be clearly shown on half size 11" x 17" sheets. Request copies of either full-size or half-size sheets from the Contractor Plans Unit.

We suggest that the Project Manager maintain "dirty sheet" "As Constructed" plans during the project to show work progress and changes. These are very helpful when preparing the final "As Constructed" set of plan sheets.

Make "As Constructed" corrections and additions in red ink by lining out the incorrect information and entering the correction. Erase mistakes or use correction fluid as necessary to insure that the corrections and additions are clear.

Be sure to show the following:

- Changes to pipes and other drainage details
- Nonstandard or changed superelevation details
- Corrected typical sections, base, and surfacing details
- Changes in vertical and horizontal alignment
- Established or re-established R/W markers, monuments, and bench marks if they are not submitted on a copy of the Location Detail Map (See Location Detail Map below.)
- Areas where subgrade or slope stabilization occurred
- New, replaced, removed, or abandoned utilities, especially underground. Include all buried cable and conduit installed during the project.
- Road approaches and access locations (Also refer to the Right of Way and Accesses section (29) of this Manual)
- Any other significant construction details or appurtenances not shown in the plans

Electronic Submittals

If the Project Manager wishes to update the plans or drawings by electronic methods, the Project Manager should contact the ODOT Roadway Engineering Section for current guidelines and requirements.

Location Detail Map

The Region maintains Location (project development) Detail Maps as a permanent record. On major projects, correct a copy with red ink to show any line changes or additional property ties (both with the coordinates), established or re-established R/W markers, monuments, benchmarks, and other pertinent data related to the survey. Update data on road approaches, Right of Way or easements, and railroad relocations and encroachments to reflect the latest revisions.

Some of the above changes may require that ODOT file a survey or modification to a survey with the County Surveyor, to comply with Oregon law.

Do not change any construction features shown on the Location Detail Map as this would be a duplication of the information shown on the "As Constructed" plans. The Project Manager must sign and date the corrected copy of the Location Detail Map and submit it to the Region Office.