

13 Temporary Signal Plans

This plan sheet shall contain all information that relates to the equipment used in the installation of the Temporary Signal Plan. Temporary Signal Plan sheets shall be drawn at a scale of 40:1. You may use a scale of 30:1 or 20:1 if 40:1 doesn't fit your plan sheet.

All contract plans shall be plotted "B" size (11"x17").

This is set with Annotation Scale. You can turn this on and off from many different locations including

- The drawing scale toolbar
- The place active cell dialog
- The place text dialog

For additional information on using Annotation Scale click on the following link:

[MicroStation Users Guide](#).

The intersection layout is normally drawn showing edge of pavement or curb line, centerlines with stationing, lane markings, lane use arrows, right-of-way lines, crosswalks, sidewalks, highway names, street names, north arrow and other topographical features such as bridges.

Information about staging temporary signals shall match staging shown in the Temporary Traffic Control Plans. Show work zone stage and phase in the upper right corner of plan sheet.

The plan shall Include:

- Location and type of:
 - traffic signal poles,
 - detection equipment, i.e. video
 - underground conduit,
 - traffic signal wiring,
 - junction boxes,
 - vehicle signals,
 - pedestrian signals,
 - pedestrian pushbuttons,
 - overhead signs,
 - traffic signal controller cabinet,
 - service equipment,
 - preemption devices,
 - existing power sources, and
 - all other equipment needed to install the temporary signal.
- Each installed, removed, abandoned or retained item shall have the correct bubble and a leader(s) to the item.
- Normal Phase Rotation diagram for the intersection.

- Fire Preemption operation diagram for the intersection (if needed).

See examples of temporary signal plan sheets on the next 7 pages. The first three plan sheets are of a temporary bridge signal with loop detection. The last four plan sheets are showing different stages for a single signalized intersection.

In some case where there are a lot of minor staging changes a reduced plan sheet version may be used. Traffic Standards will determine which information needs to be on the plan sheet at time of plan review. See Figure 13-3 thru Figure 13-7 for examples.

Figure 13-2 | Sample Temporary Signal & Detector Plan

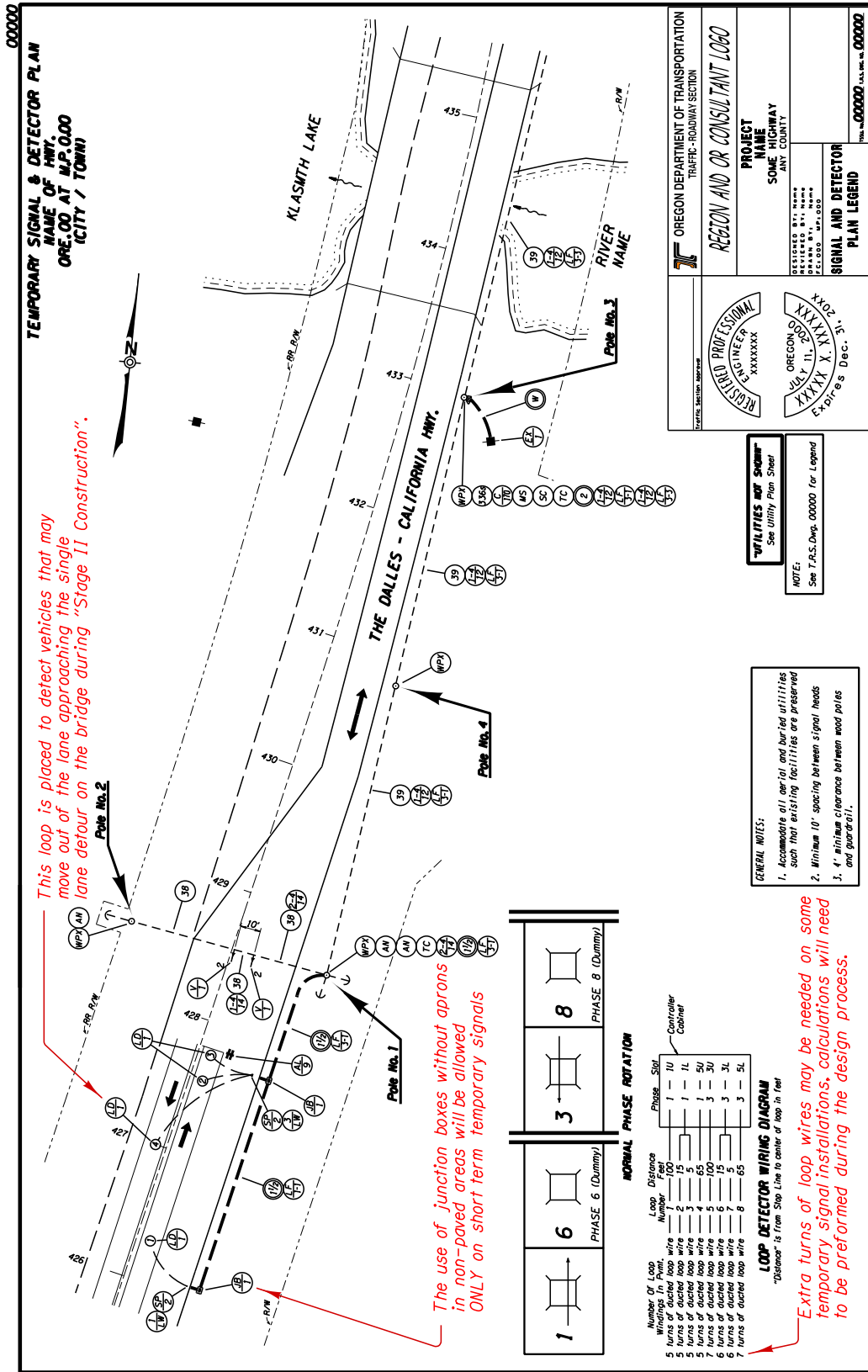


Figure 13-3 | Sample Temporary Signal & Detection Plan

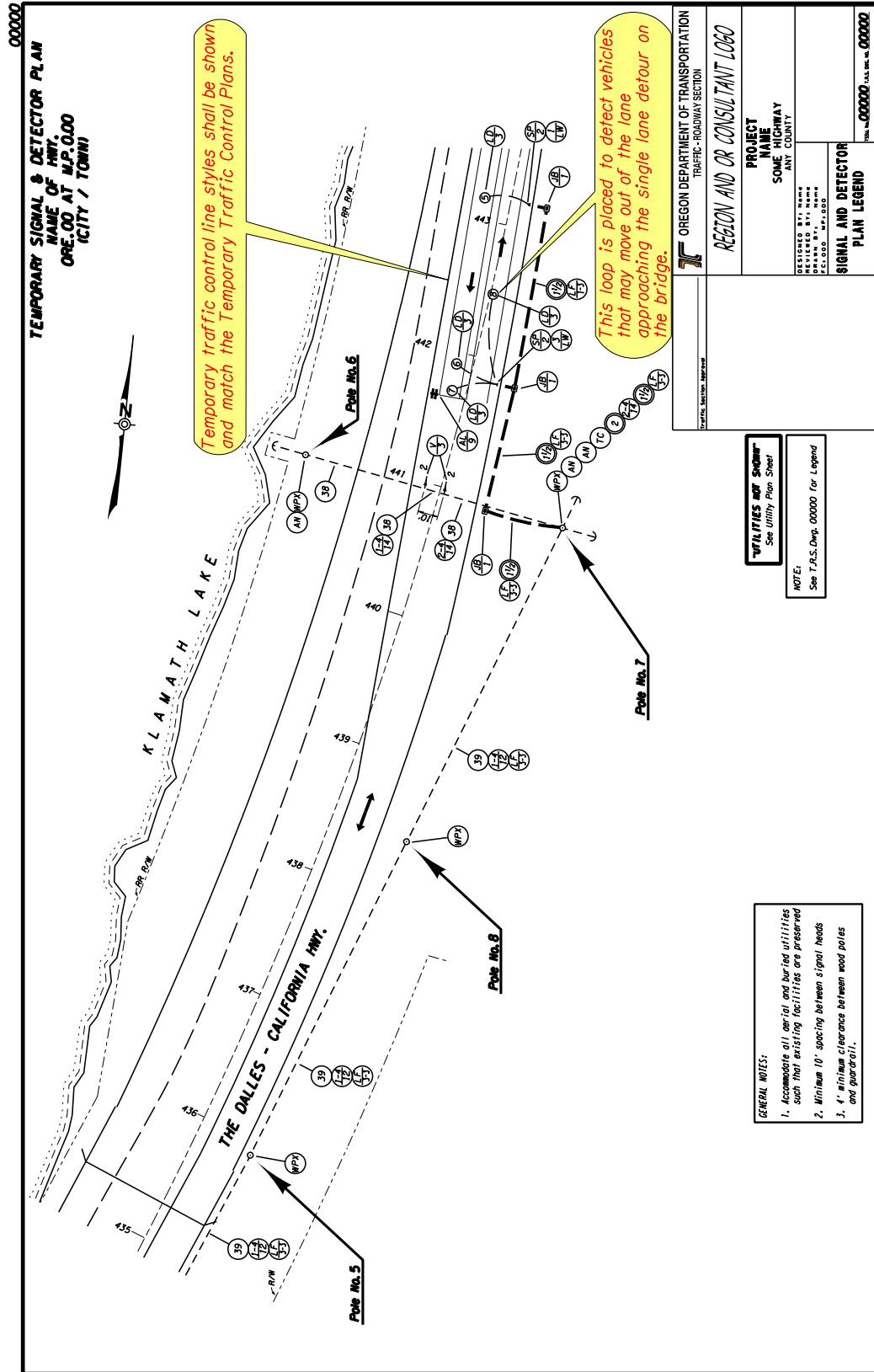
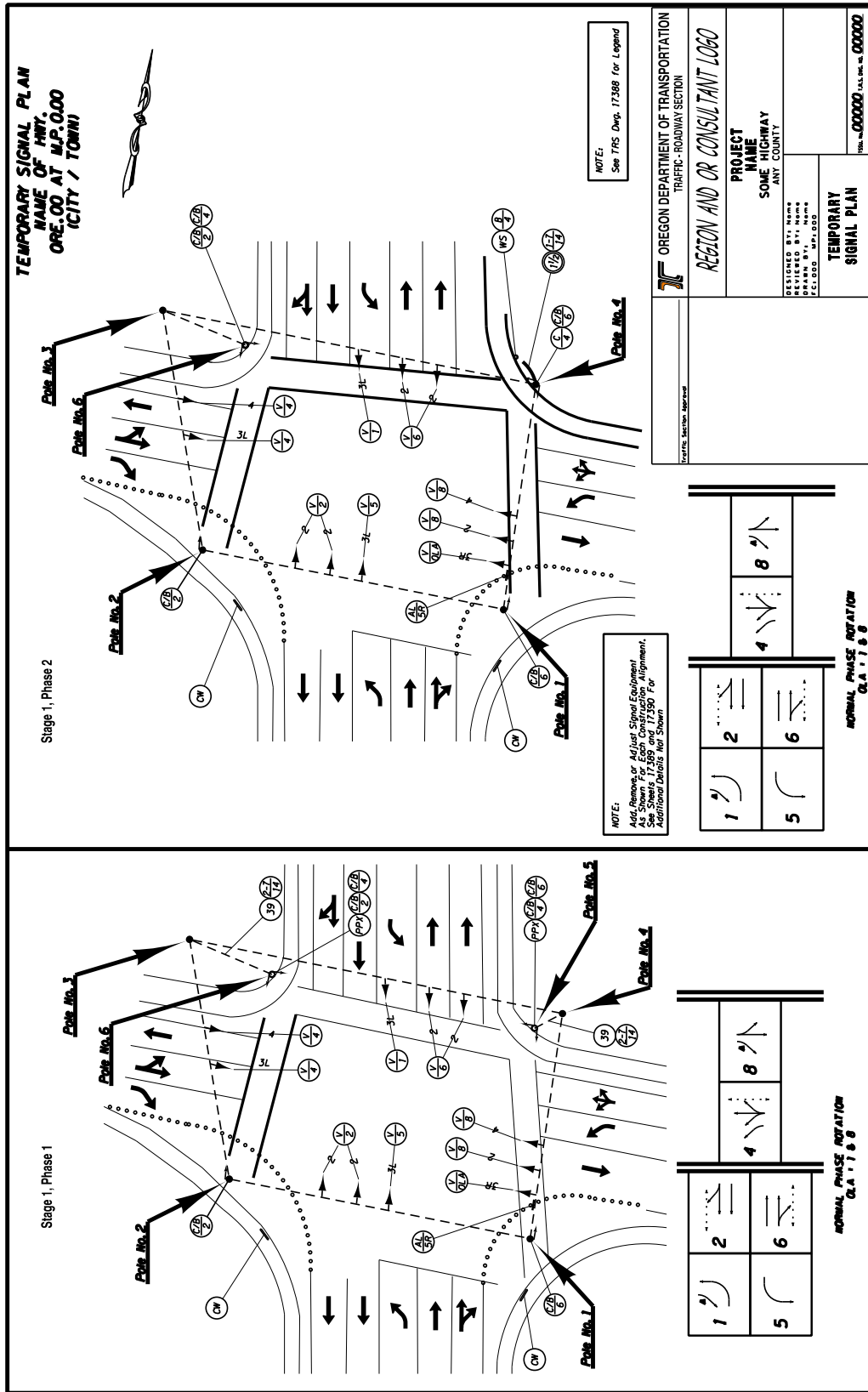


Figure 13-4 | Sample Temporary Signal Plan



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Figure 13-5 | Sample Temporary Signal Plan

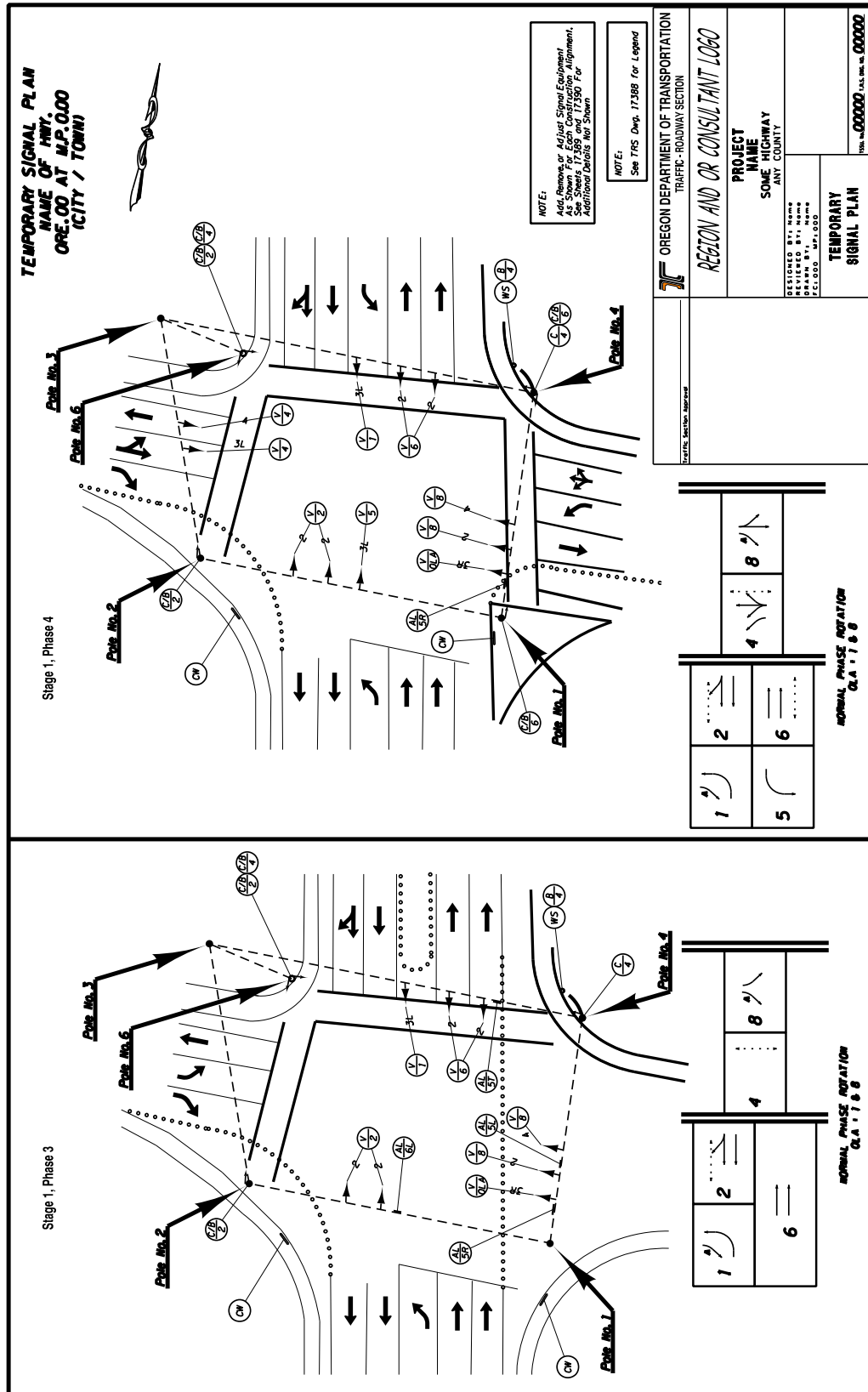


Figure 13-6 | Sample Temporary Signal Plan

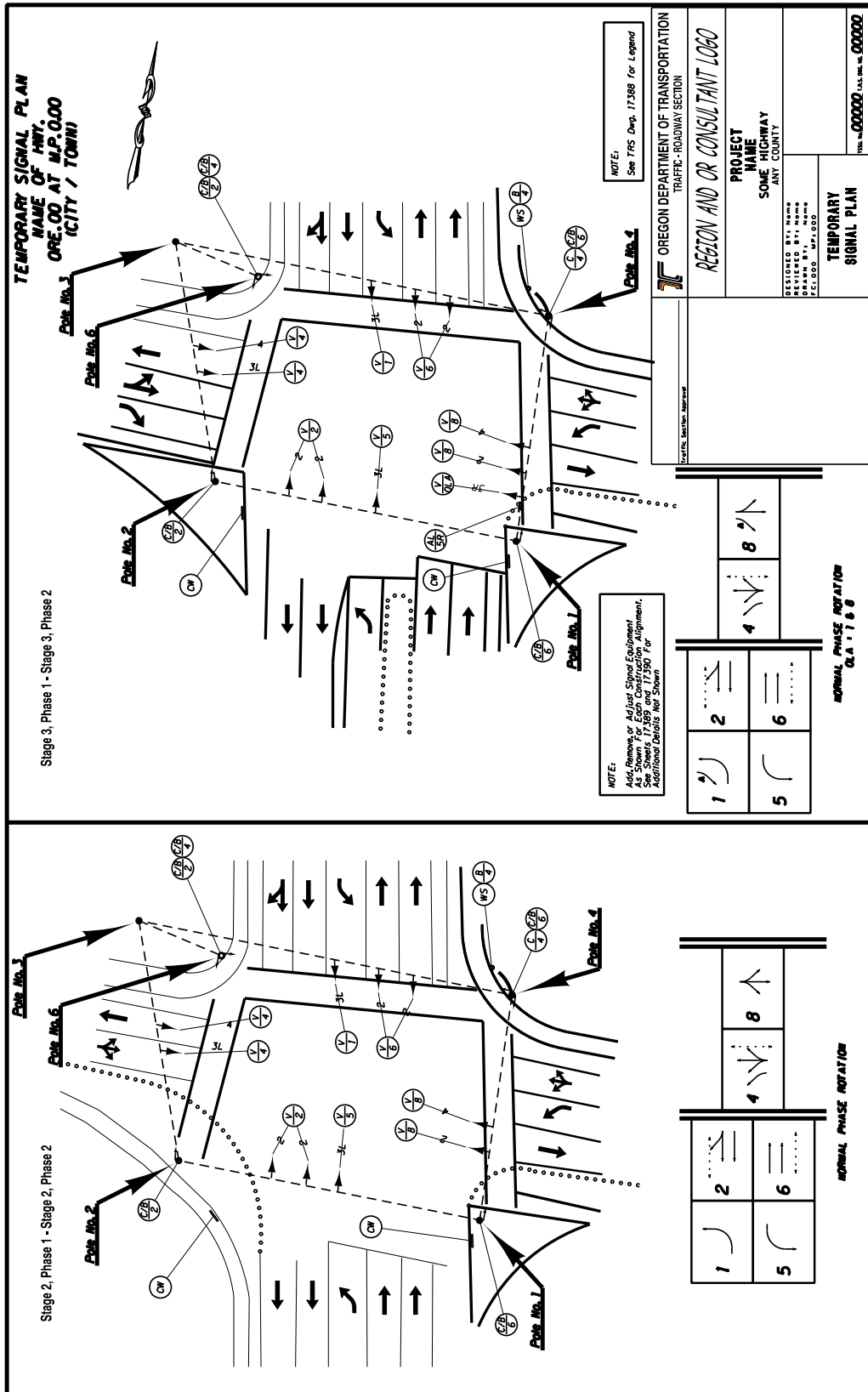
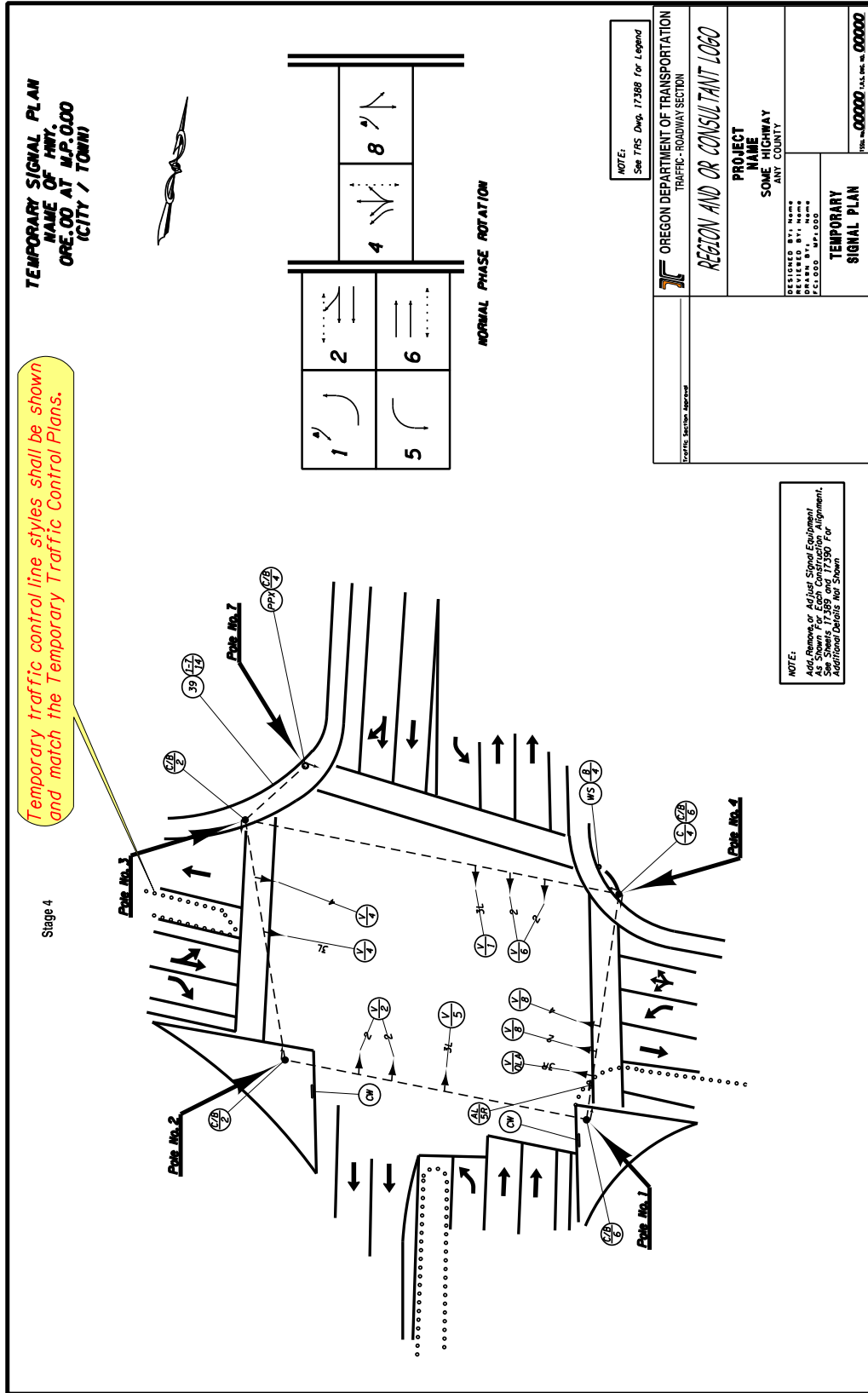


Figure 13-7 | Sample Temporary Signal Plan



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