

GENERAL REQUIREMENTS:

- Use the latest updates of the Manual on Uniform Traffic Control Devices (MUTCD). Use terminology specified in the SDOT Standard Specifications for Road, Bridge, and Municipal Construction and the City-County Design standards. Use plan scale of 1 inch = 50 feet'.
- Show entire roadway width with all elements listed below. On city streets, where the proposed channelization matches the existing street sections, show no less than 200 feet of the existing street section beyond the match line(s) with all elements listed below. On intersecting roads and commercial and multi-residential driveways, show no less than 100' of the existing section beyond the match line(s) with all elements listed below.
- Show both the existing channelization on the base layer of the plan and the proposed channelization in bold with call outs consistent with the City of Seattle Standard Specifications (Section 8-22). Include dimensions of all channelization features where proposed improvement ties in with existing roadway, including any necessary transitions, even if they are proposed to be on a different side of an intersection.
- Provide an electronic copy of the CAD drawing, in *.dwg format, one full size (22 inch x 34 inch) and two half size (11 inch x 17 inch) white paper copies of the channelization plan(s). Full size mylar is required for final approval.
- Submit signing and channelization related design deviation(s) and/or evaluate upgrades (EU) requests for review and approval. Signing and Channelization Plan cannot be approved until these deviations and/or EU's are approved.

REQUIRED ELEMENTS TO BE INCLUDED ON A SIGNING AND CHANNELIZATION PLAN:

- Project Title with a north arrow the date and page number in the title block.
- Street and highway names.
- Right of way lines (City, County, and/or WSDOT).
- Posted speed, design speed, and design vehicle. NOTE: The minimum design vehicle is a single unit truck (SU-30), but the design vehicle will be determined by SDOT.
- Street classification.
- Edge of traveled way and edge of pavement lines.
- Intersecting streets, alleys and driveways - at least 100' and identify business name.
- Widths of through lanes, turn lanes, and shoulders.
- Lengths of right and left turn storage lanes (Indicate recommended storage lengths in Traffic Analysis)
- Lengths of all channelization tapers and stripes (with callouts as per COS Standard Specification 8-22).
- Curb radii for all corners at intersections, and commercial and multi-residential driveways.
- Typical roadway sections showing all channelization features with dimensions (i.e. travel lanes, turn lanes, medians, shoulders, curb and gutter, bike lane, sidewalk etc.).
- Existing and proposed raised curbing
- Raised and painted islands. Separate sketch showing detail of islands including offsets of key locations from reference lines. Also indicate square footage of islands.
- All existing and proposed signage within the project area.
- Signature block for SDOT approval.
- P.E. stamp / seal signed and dated.

Figure 4-28

September 2005

Channelization Check List

