

GENERAL REQUIREMENTS

- Use latest version of Manual on Uniform Traffic Control Devices (MUTCD) and WSDOT Design Manual
- Plan scale 1" = 50'. Plan sheets not to exceed 22" x 34"
- Show 300 feet (100 m) of existing highway beyond the proposed changes
- Plan prepared in accordance with Plans Preparation Manual
- Have deviations/EUs been approved, if applicable
- Submit a full size mylar copy for final approval.

DESIGN DATA BOX

- Highway Design Class (Modified: MDL1-14; Full: Principal Arterial, Minor Arterial or Collector)
- City/County Design Classification for crossroads
- Access Control
- Land use
- ADT
- Percent Trucks (if applicable for turn storage)
- Design Vehicle
- Posted Speed and Design Speed

TRAFFIC SCHEMATIC DRAWING

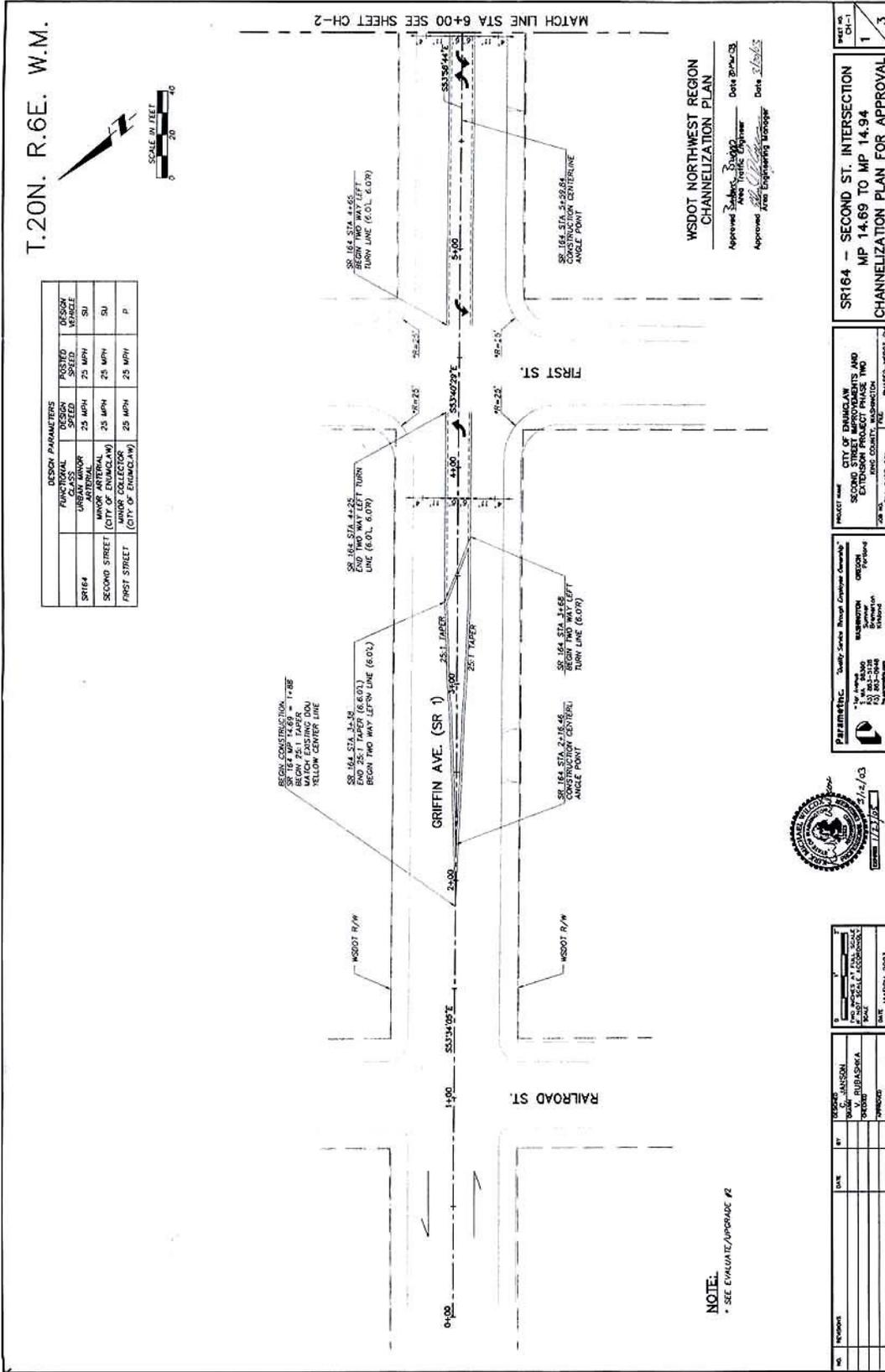
- Current ADT and design year ADT
- DHV for turning movements for current and design year

PLAN SHEET

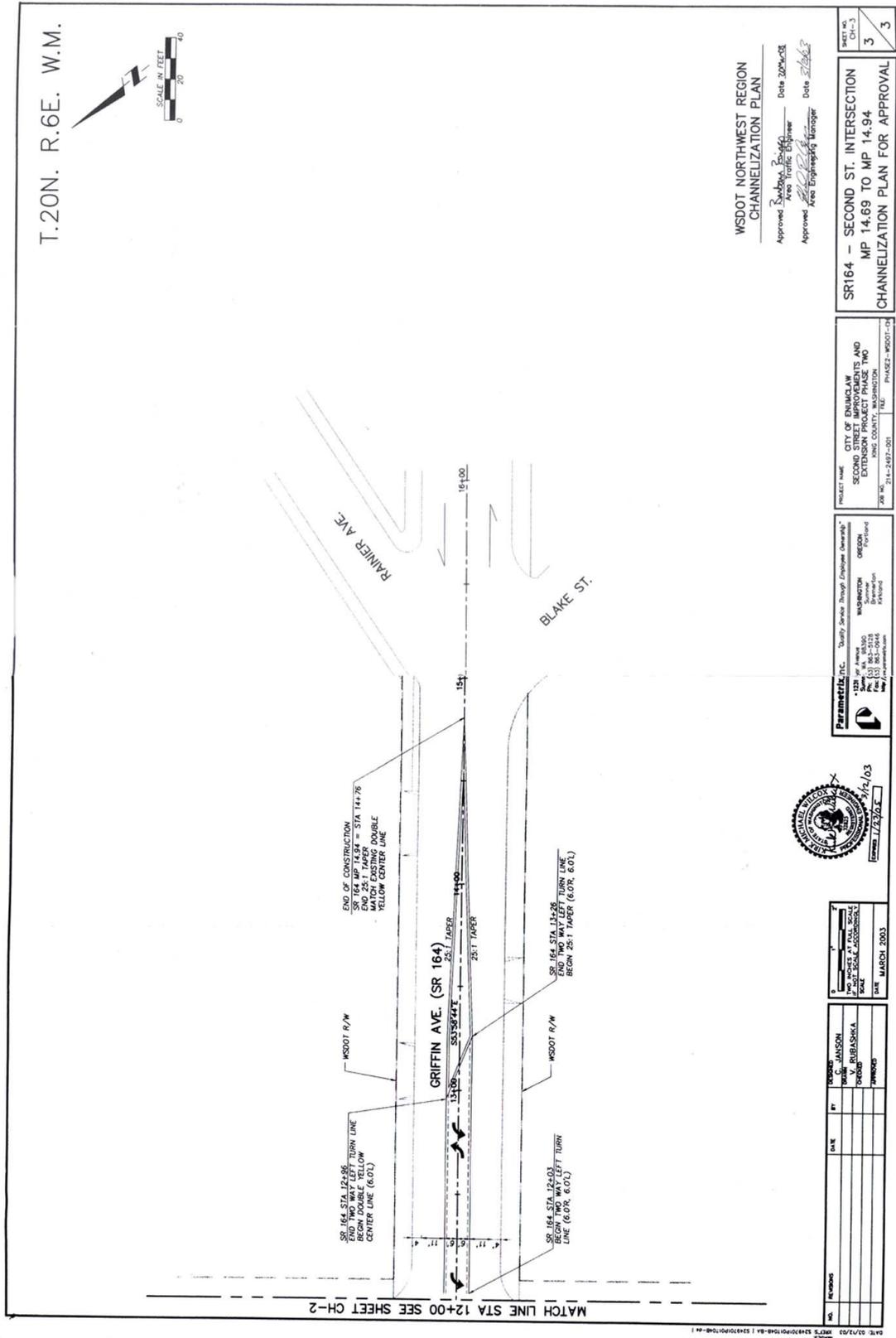
- Project Title, State Route number, SR Milepost in title block
- Township, Range, Section, North Arrow, scale bar, legend, county
- Street and Highway names
- Existing topographic features (edge of pavements, utility poles, fire hydrants, retaining walls, etc.)
- Right of Way lines (main line and crossroad)
- Limited Access Control and turnback lines if applicable
- Construction centerline, bearing, stationing or milepost
- Begin/end stations and mileposts of roadway widening
- Station, or milepost, and equations at centerline intersection of intersecting roads and approaches
- Angle of intersection
- Curve data for each curve (curve radius, curve and tangent lengths, delta angle, PC, PI, PT and superelevation)
- Vertical alignment - required if alignments are new or revised or if existing highway is in a vertical curve or highway grades are greater than 5%.

Intersection/Channelization Plan for Approval Checklist

- Widths of lanes, turn lanes, shoulders, medians, curb & gutter, bike lanes, sidewalks, and bus pullouts if applicable
- Begin/end stations of channelization storage
- Taper rates for lane transitions
- Right turn corner radius for intersecting roadways and approaches
- Intersection left turn radius
- Show connecting road or private approach for at least 100' from edge of highway
- Location and type of channelization
- Details for raised islands showing square footage, type of curb, etc.
- Block approval signature and date
- Block for stamping, signing and dating by registered professional engineer



EXAMPLE



Example

