

COVER SHEET:

- Transportation General Notes
- Transportation Standard Plan
- Approval Block
- Verify quantities in approval block
- Grading and Erosion Control Plan
- Street (Plan and Profile)
- Surface Water (Plan and Profile)
- Sanitary (Plan and Profile) – include laterals
- Water Plan – include services / hydrant locations
- Signing, Striping, Sight Distance, Vision Clearance Plan (recommend include street lighting on this sheet)
- Street Lighting Plan – existing and proposed
- Traffic Signal Plans
- Landscaping / Tree Plan

GRADING/EROSION CONTROL PLAN:

- Identify existing right of way and street frontage improvements
- Cut/fill quantities
- Contours – existing and proposed
- Existing utilities – protection
- Construction entrance location(s)
- Sight distance (T04-03) and Vision Clearance (T04-04) at construction entrance
- Haul Route
- Transportation Grading notes – shall be on plan view

STREET IMPROVEMENT PLANS – PLAN VIEW:

- Professional Engineer's Stamp
- North Arrow, Scale (min 1" = 40'), Legend
- Street Names: Existing/Proposed
- Utility Locations – existing and proposed
- Drainage Structures – existing and proposed

- Right of Way – label and dimension existing and proposed. Full and half widths
- Access Easements, Tracts and Flags – label and dimension existing and proposed. Full and half widths
- Street frontage improvements – label and dimension existing and proposed. Full and half widths
- Proposed right of way or easement vacations
- Standard plan call outs for all improvements
- Street Sections – See Street Improvement Plans – Sections for requirement
- Approved road modifications shall be noted on plan view
- Stationing – intersection equations and reference points
- Station/offset all improvements. Provide begin and end stations
- Tangent bearing
- Centerline curve data – table format w/ delta, radius and curve length
- Curb data – table format – station/offset BC, EC & PCC, radius length, elevation @ ¼ points
- Provide % fall around radius in curve table. Meet requirements of table VMC 11.80.090.G-1
- Tapers – begin station, end station, taper rate
- Median/Auxiliary lanes – dimension and detail

DRIVEWAYS:

- Show location on plan view; provide centerline stations and widths standard plan number in table format
- Spacing requirements are met
- Access points are acceptable

SIDEWALK RAMPS:

- Show location, call out standard plan number, show opposite ramps for alignment
- Existing Ramps proposed to be retained - identify, provide spot elevations, indicate detectable warning type, lip height
- Provide temp ramp to street
- Ensure placement of pedestrian button on traffic signal meets height (36" - 42" from ground) reach requirements in relation to ADA ramps, per Federal ADA guidelines.
- Show all proposed sawcut lines, min 1 ft straight line cut into HMA, min 4 ft from new curb line to existing edge of pavement (11.80.090(A))
- Street restoration at new curbs / driveways
- Call out trench restoration. Shall also be called out on utility plans

- Street Lighting–existing & proposed. Lighting plan may be included with signing/stripping plan in lieu of street plan view
- Locations shall also be shown on utility and Landscape Plans
- Show existing and proposed Neighborhood Traffic Management devices and associated signs and markings fronting project or within utility extensions
- Traffic Signal plans shall be coordinated with Traffic Group. Contact Chris Christofferson (360) 487-7716
- Label and dimension sight distance per VMC 11.80.140 and standard plan T04-03. May be shown on signing/stripping plan. Show also on landscape and site plans
- Label and dimension vision clearance per VMC 20.985 and standard plan T04-04. May be shown on signing/stripping plan in lieu of street plan view
- Provide mail box type, size, & location. Meet minimum requirements of T07-01
- Bike rack(s) meeting city’s requirements. Contact Shannon Williams (360) 487-7898
- Retaining walls - Provide dimensioned detail. Walls and footings shall be on private property

STREET IMPROVEMENT PLANS – PROFILE VIEW:

- Professional Engineer’s Stamp
- Scale
- Existing ground lines
- Proposed grade lines at top of curb
- Extend profile min. 200 ft each direction
- Provide design speed _____mph and posted speed _____mph _____

VERTICAL CURVES:

- 0-1% grade breaks allowed
- > 1% vertical curves
- Principal/minor arterial min.
- Collector arterial min.
- Neighborhood circulator/ local access.
- Private Street
- Maximum design grade 15% on local streets and 12% on arterials per AASHTO
- Minimum slope on approach to steep intersection _____% for _____ ft
- Superelevation

SAG	CREST
K=78	K=60
K=49	K=29
K=25	K=11
K=16	K=6

STREET IMPROVEMENT – SECTIONS:

Shall be shown on Plan View:

- Professional engineer's stamp
- Provide copy of city standard plan for street classification section or reference standard plan number for designer drawn sections

All cross sections shall include:

- Street name and stationing for section
- Identify Right of Way and Street centerlines
- Dimension width of right of way – *full and half width*
- Dimension width of street – *full and half width*
- Public Utility Easement (PUE) – subdivision
- Curb type – standard plan number
- Sidewalk – standard plan number
- Dimension planter
- Sawcuts
- Grind offs and overlay depths (if appropriate)
- 2% cross slope crown sections
- Shed sections allow on T10-17, T10-18 or infill private streets only
- Valley gutter sections on infill private, T10-23, T10-19 only
- ASSHTO soil classification
- Type of street surface/pavement
- Compacted depths of sub-grade and pavement
- All notes listed on City of Vancouver Street Classification section (for designer drawn sections)
- Coordinate with Pavement Management for nonstandard pavement design section

CIRCULATION/PARKING PLANS:

- Vehicle maneuvering - Turning templates per WB____
- Vehicular circulation – aisle widths, turnarounds on dead end lots
- Minimum 20' to first parking space from back of sidewalk
- Pedestrian circulation and connectivity per VMC 20.945.040(H)
- Provide call outs for all pedestrian ramps – shall be ADA compliant
- Provide details for pedestrian enhancements (includes audible warnings when required)

LANDSCAPE PLANS:

- North Arrow
- Scale
- Street light locations
- Street tree locations, type, caliper
- Vision clearance areas per VMC 20.985 and T04-04
- Sight distance areas per VMC 11.80.140 and T04-03
- Medians: Detailed cross section, Irrigation plan, Planting schedule, Surface treatment