

**TRANSPORTATION PLAN REVIEW CHECKLIST**

<b>Project name:</b>		<b>Project #:</b>	PRJ
<b>Reviewed by Engineer:</b>		<b>Case #:</b>	ENG
<b>Reviewed by Engineer Tech:</b>			

Date:	Date:	Date:	Date:	
Review	Review	Review	Review	
				<b>Submittals Required</b>
				Cover Sheet
				Transportation General Notes effective: _____
				Transportation Standard Plan effective: _____
				Approval Block _____
				Transportation Signature _____
				Traffic Signature _____
				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 _____
				Landscaping / Tree Plan _____
				Signing, Striping, Sight Distance, Vision Clearance Plan (recommend include street lighting on this sheet) _____
				Street Lighting Plan – existing and proposed _____
				Traffic Signal Plans _____
				Pavement Design Plan (if non standard) _____
				<b>Coordinate System</b>
				Preliminary layout of proposed design for our Coordinate System _____
				<b>Grading/Erosion Control Plan</b>
				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 _____

<b>Street Improvement Plans – Plan View</b>				
				Professional Engineer's Stamp
				North Arrow, Scale (min 1" = 40') , Legend
				Street Names: Existing/Proposed
				Contours: 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 with EVR#
				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 11.80.045A
				Tapers – bgn sta, end sta, 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
				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" from ground) and 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 (11.90.020(2)(g))

				Street restoration at new curbs / driveways per T		
				Call out trench restoration. Shall also be called out on utility plans		
				Street Lighting—existing & proposed, sta/offset, type, height, wattage. 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 11.90.060 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.		
				Show also on landscape and site plans		
				Provide mail box type, size, & location. Meet minimum requirements of T07-01		
				Retaining walls - Provide dimensioned detail, structural calculations. Walls and footings shall be on private property.		
				<b>Street Improvement Plans – Profile View</b>		
				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.	<b>SAG</b>	<b>CREST</b>
				Collector arterial min.	K=78	K=60
				Neighborhood circulator/ local access.	K=49	K=29
					K=25	K=11

				Private Street	K=16	K=6
				Maximum design grade 15%		
				Minimum slope on approach to steep intersection ___ % for ft		
				Superelevation		
				<b>Street Improvement Plans – Sections</b>		
				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 – <i>full and half width</i>		
				Dimension width of street – <i>full and half width</i>		
				Public Utility Easement (PUE) – subdivisions		
				Curb type – standard plan number		
				Sidewalk – standard plan number		
				Dimension planter		
				Sawcuts		
				Grind offs and overlays (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		
				Grind off and overlay depths		
				All notes listed on City of Vancouver Street Classification section (for designer drawn sections)		
				Coordinate with Pavement Management for non standard pavement design section		
				<b>Signing / Striping / Street Lighting Plans</b>		
				Include Signing and Striping General Notes, COV Standard Plan T29-20		
				Show Intersection Sight Distance, COV Standard Plan T04-03		
				Show Vision Clearance Triangle, COV Standard Plan T04-04		
				Note to install all signage per COV Standard Plans T29-01, T29-02 and T29-03		

				DO NOT SHOW existing striping on proposed striping plan sheet; show on existing conditions plan sheet _____
				Reference all COV Standard Plans regarding all proposed pavement markings _____
				Show stationing, set back, type, height and wattage of all proposed street lights per COV Standard Plans T21-01A and T21-01B _____
				Call out locations of all existing street lights _____
				<b>Circulation / Parking Plans</b>
				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 _____
				Provide call outs for all pedestrian ramps – shall be ADA compliant _____
				Provide details for pedestrian enhancements (includes audible warnings when required) _____
				<b>Landscape Plans</b>
				Professional architects stamp _____
				North Arrow _____
				Scale _____
				Dimensioned sidewalk, planter _____
				Street light locations _____
				Street tree locations, type, caliper _____
				Vision clearance areas per VMC 11.90.060 and T04-04 _____
				Sight distance areas per VMC 11.90.060 and T04-03 _____
				Medians: Detailed cross section, Irrigation plan, Planting schedule, Surface treatment _____
				<b>Conditions of Approval</b>
				Compliance with conditions of approval of:
				Condition Number ___ of Document _____
				Condition Number ___ of Document _____
				Condition Number ___ of Document _____
				Condition Number ___ of Document _____
				Condition Number ___ of Document _____
				Check for proportion share
				<b>Other Comments</b>

**Comments (Include detail of conditions referenced above) :**

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Address all comments, redlines, and circled items.

**Date:**

**Action Required:**

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