DEVELOPERS PLAN REVIEW CHECKLIST FOR IMPROVEMENT PLANS

Subdivision: _____ Date: _____
Project Location: _____
Developer: _____
Phone: _____ e-mail: _____
Engineer: _____
Phone: _____ e-mail: _____

Developer's Engineer is to Complete This Form and Submit with the Improvement Plans.
Reference the Highway Standards and Development Procedures for the Canyon County Highway Districts when completing development Improvement Plans and this Checklist.

Mark Whether or Not Your Plans Include the Following:

INCLUDED	NOT APPLICABLE	SUBMITTAL ITEM
		PLAN NOTES
		All work shall be completed in accordance with the Idaho Standards for Public Works Construction (latest edition), the Highway Standards and Development Procedures for the Canyon County Highway Districts and the Project Specifications.
		All Contractors, Sub-Contractors and Utility Contractors shall attend a pre-construction conference a minimum of two (2) days prior to commencing any construction on the project.
		Only plan sets stamped "Approved for Construction" and signed by the Engineer shall be used for Project construction. Use of plans not stamped "Approved for Construction" shall be grounds for the issuance of a stop work order.
		All materials furnished on or for the Project shall meet the minimum requirements of the approving agency or as set forth in the Project plans and specifications, whichever is more restrictive. Contractor shall furnish proof that all materials meet the requirements at the request of the Owner or Engineer.
		The Contractor shall be responsible for providing and paying for all costs associated with all testing required by the Project Specifications. All tests shall be performed by a certified testing laboratory and certified test results shall be submitted to the Owner's Engineer. Work performed without certified test results shall not be accepted.
		Plant Mix Pavement shall be Class _____ with a nominal maximum aggregate size of _____. PG _____-_____ (Performance Graded Asphalt Binder) shall be used. A minimum of 0.5% Anti-Stripping additive is specified.
		Profile the surface of roadways in accordance with ISPWC Section 810 and/or as required by the District.
		SURVEY
		A minimum of two Section/Quarter corners are referenced and tied to NAD 83

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		Vertical Control monuments tied to NAVD 88
		Control monuments set within development
		Survey Monuments disturbed during construction shall be replaced by the Developer's Surveyor, in accordance with the provisions of I.C. § 55-1613.
		RIGHT-OF-WAY
		Roadway right-of-way widths meet standards
		Cul-de-sacs have the required minimum right-of-way
		Intersection of right-of-way lines have minimum required radii
		All obstructions and right-of-way encroachments are shown to be removed
		HORIZONTAL AND VERTICAL ALIGNMENT
		Horizontal alignment meets AASHTO standards
		Minimum and maximum vertical grades meet the standards
		Vertical curves are included for all grade breaks in excess of one percent
		Minimum tangent lengths between curves are met
		ROADWAY CROSS SECTION
		Roadway widths (travel lanes, shoulders, foreslopes, ditches, back slopes, etc.) meet standards
		Foreslopes, back slopes and fill slopes meet the established standard and are shown on the plans
		Curb and Gutter section is shown where required or approved
		Roadside grading and obstructions meet the AASHTO Roadside Design Guide or appropriate guardrail is shown
		Pavement, base and sub-base thickness are shown in accordance with the standard or the approved section thickness based on a materials report and section calculations
		Base and sub-base aggregate size is called out on the typical roadway section
		Asphalt tack coat material and application rate is indicated on the plans
		The limits of pavement repair for existing roadways extends to the lane line or centerline
		INTERSECTIONS AND APPROACHES
		Roadway intersections meet the minimum spacing requirements

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		Private and commercial approaches meet the minimum spacing requirements with no new approaches to arterial and major collector roadways
		Show curbed approach for all urban accesses serving primarily truck traffic
		Mailbox and approach widening length, width and taper are called out on the plans
		EARTHWORK
		A geotechnical report documenting the site soil, groundwater conditions, soil infiltration rate, R-value and flexible pavement design is included with the preliminary plat
		A mass excavation and grading plan is included if required by the District
		Clearing and seeding limits are shown on the plans
		TRENCHING
		Utilities are shown in the appropriate corridor, including private utilities in an easement outside the right-of-way
		Utility installation in roadways with pavement less than five years old are show as borings
		WATER, SEWER AND IRRIGATION
		The city or irrigation district has reviewed and approved the plans for their facilities
		A copy of the agency conditions and approval has been provided to the District
		Valves and manholes are not located within the wheel paths
		Irrigation facilities are located outside the right-of-way
		Irrigation crossings include cleanout boxes on each side of the right-of-way
		Information necessary to complete the appropriate right-of-way use agreements is included
		DRAINAGE
		Drainage calculations are stamped by an Idaho Registered Professional Engineer and provided with the submittal
		All calculations are included with the submittal including time of concentration, peak runoff, runoff volume, conveyance system capacity, infiltration rates, discharge rates, etc.
		Culverts are sized appropriately, are of an approved material, include aprons and have adequate cover
		Borrow ditches meet the depth standards, including freeboard, and have adequate erosion protection where flow velocities are greater than two feet per second

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		If subsurface stormwater disposal systems are proposed, documentation that there is no feasible alternative is provided and the system meets the minimum established criteria
		Detention and Retention facilities meet the minimum established criteria
		Maintenance of stormwater facilities outside the public right-of-way is shown to be the responsibility of the property owner or homeowners association
		STRUCTURES
		Bridges meet minimum load requirements
		Bridge width meets standards
		Bridge clearance above waterways and roadways meet minimum standards
		Retaining walls are shown where required
		Appropriate materials reports are included for all structure designs
		SIGNING AND PAVEMENT MARKINGS
		All permanent signing meets the requirements of the MUTCD
		A construction traffic control plan meeting the requirements of the MUTCD is included
		Pavement markings meeting the MUTCD are shown where required by District standard
		TRAFFIC IMPACT STUDIES
		Mitigation measures identified in the traffic impact study have been included