

II. SITE PLAN REVIEW CHECKLIST

VDOT reviews site plans for a wide range of types and sizes of land development. There are specific elements that are a part of all reviews. However, each review should be tailored to meet the site-specific conditions for the area and the proposed project. To the extent practical, short-, medium-, and long-range implications should be considered. A substantial amount of engineering judgment may be used.

Circle the number or letter of items that are acceptable.

I. ACCURACY AND COMPATIBILITY

- A. Verify the location and dimensions of existing roadway elements of the plan.
- B. Examine the compatibility of the site plan with the six-year road improvement plan, the county master plan, and VDOT's statewide highway plan. Examine all available sources to eliminate discrepancies.

II. INTERNAL CIRCULATION PATTERN

- A. Review proposed internal circulation patterns to determine if their traffic flow patterns allow for vehicular circulation to take place on-site and not on the street system.
- B. Review driveway location(s) relative to intersections and other driveways and adjacent property lines.
 - 1. Check spacing from other drives for potential interference.
 - 2. Check spacing from signalized drives or intersections to determine if traffic queue will block proposed drive.
 - 3. Check access spacing to determine if the spacing from other signals will be conducive to a signal system if the proposed driveway(s) are signalized.
 - 4. Check projected queues for interference with traffic operations.

III. INTERSECTION GEOMETRICS

(Proposed Entrances and Affected Intersections)

Verify that geometrics satisfy the appropriate design standards. Check the entrance of intersection designs, especially the radii and angle of intersection with the existing roadway.