

## EXHIBIT A-1

The New Second Harrisonburg High School will require off-site traffic improvements to South Main Street to provide for improved, safe access to the site. The improvements will take place on South Main Street at East Kaylor Park Drive and at Boxwood Court. A Traffic Impact Analysis was provided by the City of Harrisonburg and used as the basis for design. At the intersection of South Main Street and Boxwood Court, a new-entrance to the school site will be provided in the form of a right-in, right-out. Entrance relocations will be required to properties on South Main Street and on Boxwood Court. Storm sewer relocations will be required to adequately facilitate the construction of the new entrance. Additionally, a new water service, gas service, and electrical service will extend from South Main Street to the site to complete utility infrastructure looping within the site. Sidewalk will be provided along the east side of South Main Street to connect to the existing sidewalk in front of Steven Toyota. The road improvements portion of the site will require the design and construction of Boxwood Court (now East Kaylor Park Drive) into the site to connect to onsite streets considered part of the New Second Harrisonburg High School Project.

Improvements to South Main Street at the intersection of East Kaylor Park Drive will consist of two new left-turn lanes and South Main Street widening to allow for the new left-turn lanes. This intersection will be fully signal controlled, including pedestrian crossing facilities. The left turn lanes will be on South Main Street onto East Kaylor Park Drive and West Kaylor Park Drive, both protected from oncoming traffic by a 4-foot-wide raised concrete median. A northbound right-turn lane will be provided on South Main Street onto East Kaylor Park Drive. The portion of East Kaylor Park Drive that is existing will be overlaid with surface mix asphalt. The project will also include sidewalk along South Main Street along the widened portion (east side) and on the south side of East Kaylor Park Drive. Entrance relocations/replacements will be required. Overhead/Underground utility relocations will be a significant portion of the work at this intersection. Storm sewer infrastructure will also require lengthening/realigning.

Both locations will include all basic requirements such as line striping, pavement markings, traffic control, erosion and sediment control, and signage. Stormwater management for the roadway improvements will be satisfied by utilizing on-site ponds for quantity control and by purchasing nutrient credits and utilizing onsite credit surplus for quality control. All specifications will match those for the Project Site in the Comprehensive.