



The Florida Center Floodplain Assessment for the City of Orlando was a detailed floodplain study for flood sensitive areas within highly urbanized areas of the city which drain to Shingle Creek. Areas included within the evaluation were Universal Studios, the Mall at Millenia, International Drive and segments of Interstate 4 and the Turnpike. The goal of this study was to verify and/or establish 100 year flood elevations in areas currently labeled as Zone "A" (i.e. no base flood elevation determined). This information was then submitted to FEMA for future flood map updates.

Included in the study were data collection, site investigation and inventory of significant drainage features, engineering drainage assessments, and 100 year floodplain modeling using ICPR. As the prime consultant for this stormwater management project, Inwood was responsible for providing all engineering assessments, analyses, and documentation services. All topographic modeling and floodplain data were managed in GIS geodatabases for efficiency in analysis.

