



Location # 25
Texas Ave SE, E St SE, & Chaplin St SE

Texas Ave, E St, and Chaplin St SE intersect in the middle of the study area. This intersection is four-way stop-controlled, but E St and Chaplin St are significantly offset from each other and skewed. This geometry results in the stop bars on Texas Ave being close to 200 feet apart. There are three bus stops and multiple crosswalks within the intersection, and a large number of pedestrian crossings outside marked crosswalks, due to the placement of the stops and a convenience store which attracts a good deal of foot traffic.

The recommendation for this intersection is to replace the offset intersection with two distinct and separate intersections. The stop bar for southbound Texas Ave traffic will move to just north of E St. Chaplin will be re-aligned to be more perpendicular with Texas Ave, and Texas Ave will not be stop-controlled at Chaplin St. The bus stops will be moved into the space between Chaplin St and E St SE, closer to the existing crosswalks. The bus stop on E St SE will be improved, leveled, and connected to both the street and sidewalk. The realignment of Chaplin St provides an opportunity for green infrastructure and community congregating space, which may be advantageous given its location close to a church.

Some parking along Chaplin St will likely be impacted by the recommendations, but these losses may be offset by gains in available on-street parking on Texas Ave previously reserved for bus stops. There will be some right-of-way acquisition required from the property to the north of Chaplin St and Texas Ave.

Implementation Timeline	Long term 4-8 years
Estimated Project Cost	\$330,200
Right-of-Way Needed	Yes
Coordination Needs	Yes, WMATA, private landowners
Parking Impacts	Yes, but no net impact as parking eliminated on Chaplin will be added on Texas.
Green Infrastructure Project	Green plaza created, as well as proper stormwater collection

Location # 61
Texas Ave SE & C St SE

The intersection of C St and Texas Ave SE is adjacent to Plummer Elementary School and is four-way signal controlled with new countdown pedestrian heads, high visibility crosswalks, and curb ramps. However, the signal needs to be retimed to provide enough time in the pedestrian phase for pedestrians to cross Texas Ave.

Specific Purpose	We were unable to cross Texas Ave in the allotted time for the pedestrian signal.
Implementation Timeline	\$16,000
Costs	No
Recommendation	Improve signal phasing/timing for pedestrians, given proximity to Plummer Elementary School.

Location # 59
Texas Ave SE & B St SE

To the northwest of Plummer Elementary School, the intersection of B St and Texas Ave SE has an uncontrolled crosswalk that crosses Texas Ave. The crosswalk leads from the school into the park across the street. It is recommended that advance warning signage, in-street "Stop for Pedestrians in Crosswalk" signage at the crosswalk, and a curb ramp on the west side of the intersection be installed. Additionally, stormwater has damaged the inlet and sidewalk to the east of the intersection, and those need to be replaced.

Implementation Timeline	Medium term 2-4 years
Estimated Project Cost	\$35,850
Right-of-Way Needed	No
Coordination Needs	Yes, DCPS
Parking Impacts	No
Green Infrastructure Project	No

TEXAS AVE CORRIDOR