Utility Impact Summary

Alternative F

SUMMARY

This alternative includes an additional east/west vehicle travel lane on the US 250 Free Bridge crossing the Rivanna River. This lane could extend from the Route 20 intersection through the High Street intersection. This alternative has been revised to include an additional through lane for capacity and relocate sidewalks and bike lanes to a parallel bridge.

- Evaluation of this alternative should look at ways of adding the lane without reconstruction of the bridge (e.g. removing a sidewalk and reducing lane widths)

ELECTRIC

- Electric facilities consist mainly of single and dual three-phase circuits throughout the length of the project along the north side of US 250 west of the Rivanna River and along both sides of US 250 east of the Rivanna River
- All poles along the north side of US 250 from approximately the intersection of St. Clair Avenue and US 250 to the Rivanna River (progressing east) will be impacted and are in conflict
- All poles along both sides of US 250 from the Rivanna River to the intersection of Stoney Point Road (Route 20) and US 250 (progressing east) will be impacted and are in conflict
- All poles along the north side of US 250 from Stoney Point Road (Route 20) to approximately the entrance of 1298 Richmond Road/US 250 (progressing east) will be impacted and are in conflict
- There is evidence of underground electric facilities throughout the length of the project and will be impacted along US 250 from approximately the intersection of St. Clair Avenue and US 250 to approximately the entrance of 1298 Richmond Road/US 250 (progressing east)
- Transmissions lines also exist at the intersection of US 250 and Stoney Point Road crossing US 250 running north and south but will not be impact for this alternative
- Assumed footages and units are reflected in the PCES

TELECOMMUNICATIONS

- Major Telephone and CATV facilities exist on the electric pole line along the project and will be impacted respectively
- Major facilities exist underground throughout the entire project along both sides of US 250 from St. Clair Avenue to approximately the entrance of 1298 Richmond Road/US 250 (progressing east) and will be impacted
- Assumed footages and units are reflected in the PCES

WATER

- Evidence of existing water lines exist throughout the entirety of the project along the north edge of US 250 (from St. Clair Avenue progressing east to approximately the entrance of 1298 Richmond Road/US 250)
- Water lines will be impacted and in conflict with proposed project due to the shift in road alignment and proposed improvements
- Assumed footages and units are reflected in the PCES

SEWER

- Evidence of existing sewer line exists running along the west edge of the Rivanna River and will be impacted due to the shift in road alignment and proposed improvements
- Assumed footages and units are reflected in the PCES

GAS

- Evidence of existing gas lines exist throughout the entirety of the project along the north edge of US 250 (from St. Clair Avenue progressing east to approximately the entrance of 1298 Richmond Road/US 250)
- Gas lines will be impacted and in conflict with proposed project due to the shift in road alignment and proposed improvements
- Assumed footages and units are reflected in the PCES

PETROLEUM

- No evidence of petroleum lines that will be impacted along US 250 from approximately the intersection of River Road and US 250 to approximately the intersection of Stony Point Drive and US 250
- Assumed no conflict

[ALTERNATIVE "F"] Intersection of US 250 and River Road. 3 Phase Electric Pole with multiple telecommunications attachments and crossings along the northern edge of US 250 will not be impacted (viewing East)

[ALTERNATIVE "F"] Intersection of East High Street and US 250. Dual 3 Phase Electric Pole with multiple telecommunications attachments and crossings along the western edge of East High Street will not be impacted (viewing South West)

[ALTERNATIVE "F"] Intersection of East High Street and US 250. 3 Phase Electric Poles with multiple telecommunications attachments and crossings along the northern edge of US 250 will not be impacted (viewing North East)

[ALTERNATIVE "F"] Underneath the existing US 250 bridge at the intersection of East High Street and US 250. Sanitary Sewer will not be impacted.

[ALTERNATIVE "F"] Intersection of US 250 and St. Clair Avenue. 3 Phase Electric Pole with telecommunications attachment and crossings along the northern edge of US 250. Facilities will not to be impacted (viewing South East)

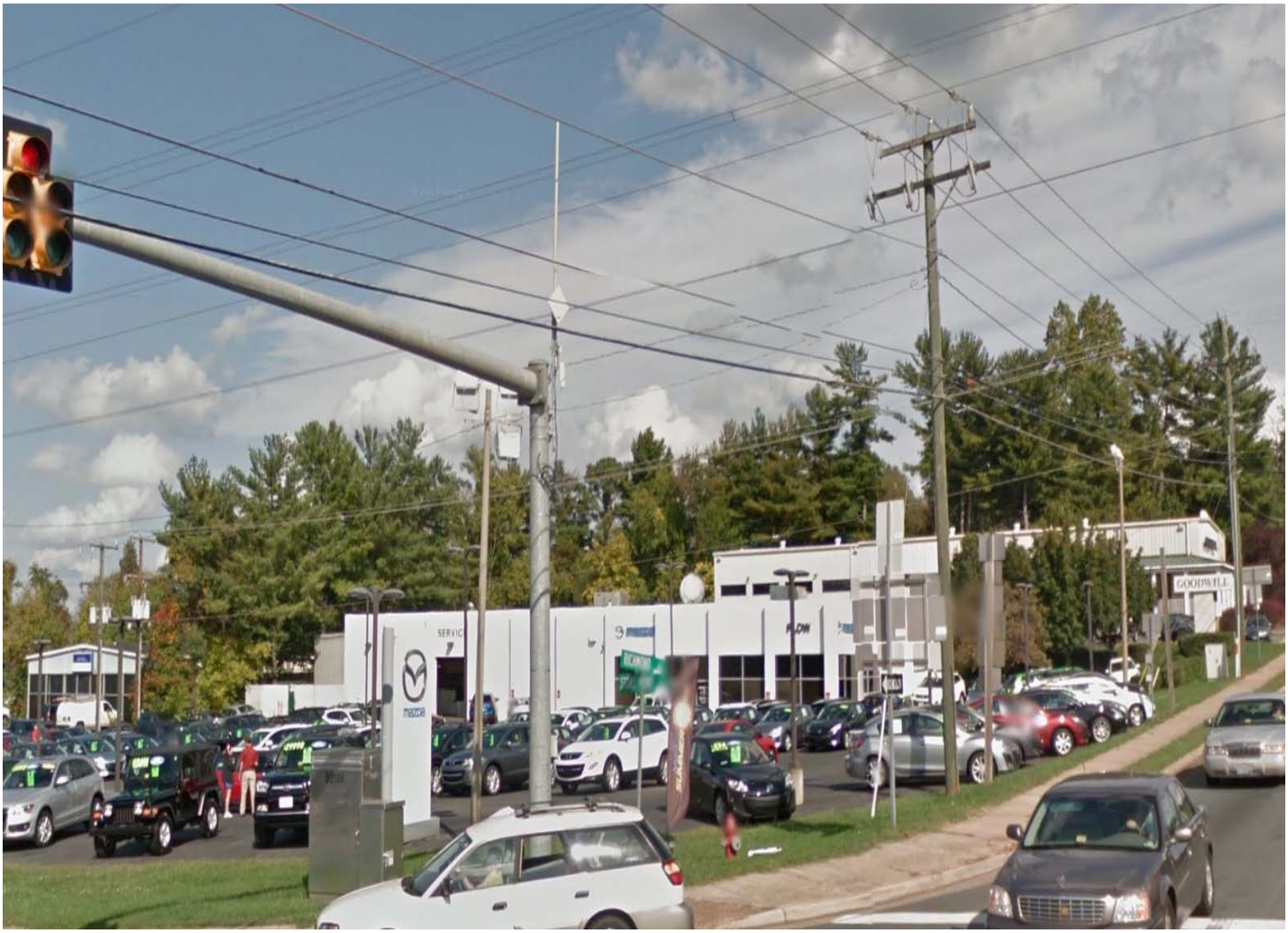
[ALTERNATIVE "F"] Intersection of US 250 and Landonia Circle. 3 Phase Electric Pole with multiple telecommunications attachments and crossings along the north edge of US 250. Facilities will not be impacted (viewing South East)

[ALTERNATIVE "F"] Intersection of Free Bridge Lane and US 250. Telecommunications post markers locating existing buried handhole and/or splicing location of underground telecommunication. Facilities will not be impacted (viewing West)

[ALTERNATIVE "F"] Intersection of US 250 and Free Bridge Lane. 3 Phase Electric Pole with multiple telecommunications attachments and crossings along the north edge of US 250. Aerial and underground utilities will not be impacted (viewing North West)

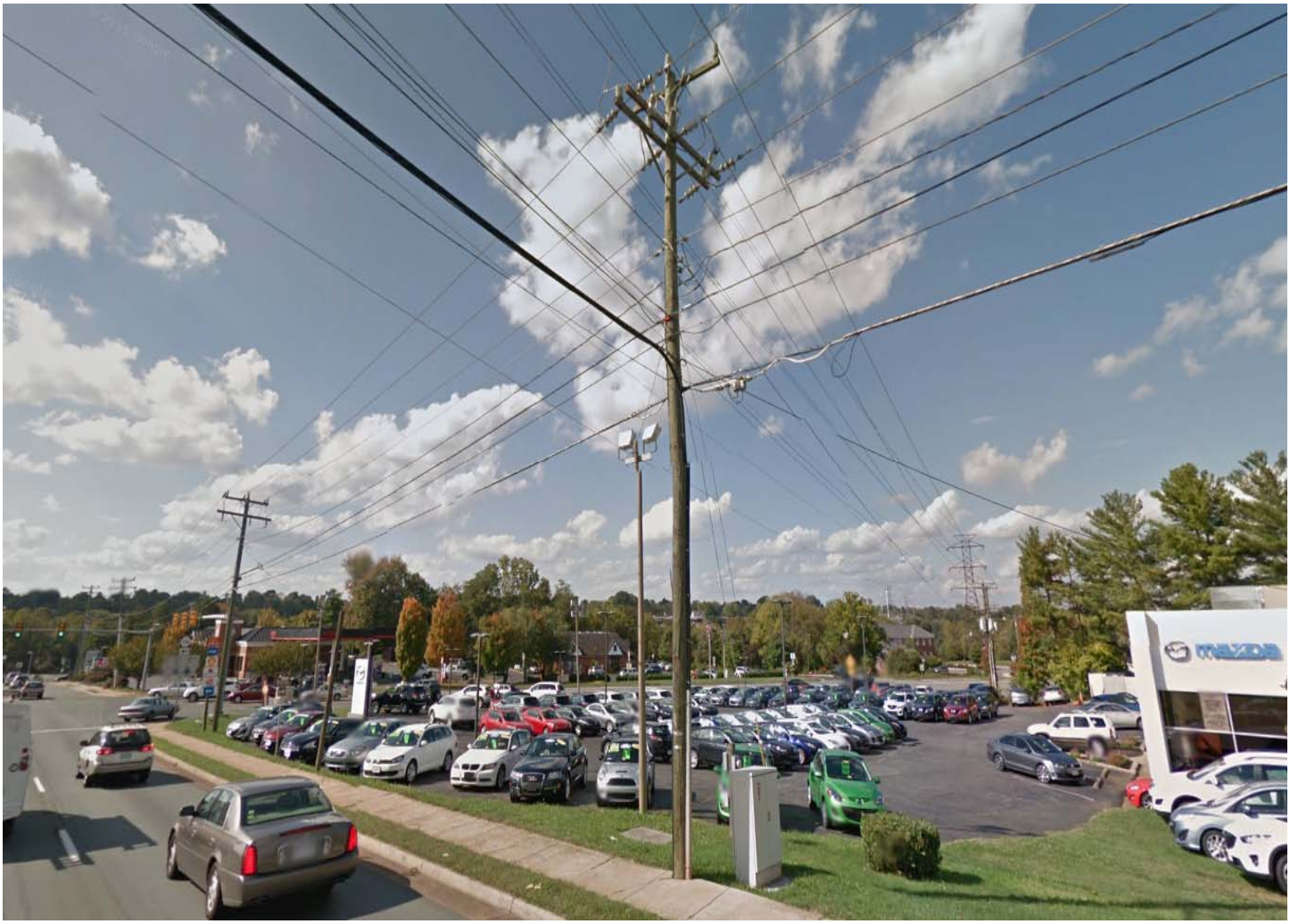
[ALTERNATIVE "F"] Intersection of US 250 and Stoney Point Road. 3 Phase Electric Pole with multiple telecommunications attachments and crossings along the northern edge of US 250 will not be impacted. Underground utilities and telecommunications facilities will not be impacted. (viewing North East)

[ALTERNATIVE "F"] Intersection of US 250 and Stoney Point Road. 3 Phase Electric Pole with multiple telecommunications attachments and crossings along the northern edge of US 250 will not be impacted. Underground utilities and telecommunications facilities will not be impacted (viewing South)



[ALTERNATIVE "F"] Intersection of US 250 and Stoney Point Road. 3 Phase Electric Pole with multiple telecommunications attachments and crossings along the northern edge of US 250 will not be impacted. Underground utilities and telecommunications facilities will not be impacted (viewing North East)

[ALTERNATIVE "F"] Intersection of US 250 and Stoney Point Road. 3 Phase Electric Pole with multiple telecommunications attachments and crossings along the northern edge of US 250 to be impacted. Underground utilities and telecommunications facilities will not be impacted (viewing East)



[ALTERNATIVE "F"] Intersection of US 250 and Stoney Point Road. 3 Phase Electric Pole with multiple telecommunications attachments and crossings along the northern edge of US 250 will not be impacted. Paint marking indicate and existing water line running underneath the existing sidewalk along the northern edge of US 250. Telecommunications handhole at the base of existing pole. Underground utilities and telecommunications facilities will not be impacted (viewing North West)

[ALTERNATIVE "F"] Intersection of US 250 and Stoney Point Road. 3 Phase Electric Pole with multiple telecommunications attachments and crossings along the northern edge of US 250 will not be impacted. Underground utilities and telecommunications facilities will not be impacted (viewing West)

[ALTERNATIVE "F"] Just east of the intersection of US 250 and Stoney Point Road. 3 Phase Electric Pole with multiple telecommunications attachments and crossings along US 250 will not be impacted. Underground utilities and telecommunications facilities will not be impacted (viewing East)

[ALTERNATIVE "F"] Intersection of US 250 and Stoney Point Road. Underground utilities and telecommunications facilities will not be impacted (viewing South East)

[ALTERNATIVE "F"] Exxon near the intersection of US 250 and Stoney Point Road. 3 Phase Electric Pole with multiple telecommunications attachments and crossings along the northern edge of US 250 to be impacted. Paint markings indicate existing electric (in red) telecommunications (in orange) and water (in blue) existing within the project limits. Underground utilities and telecommunications facilities will not be impacted (viewing West)