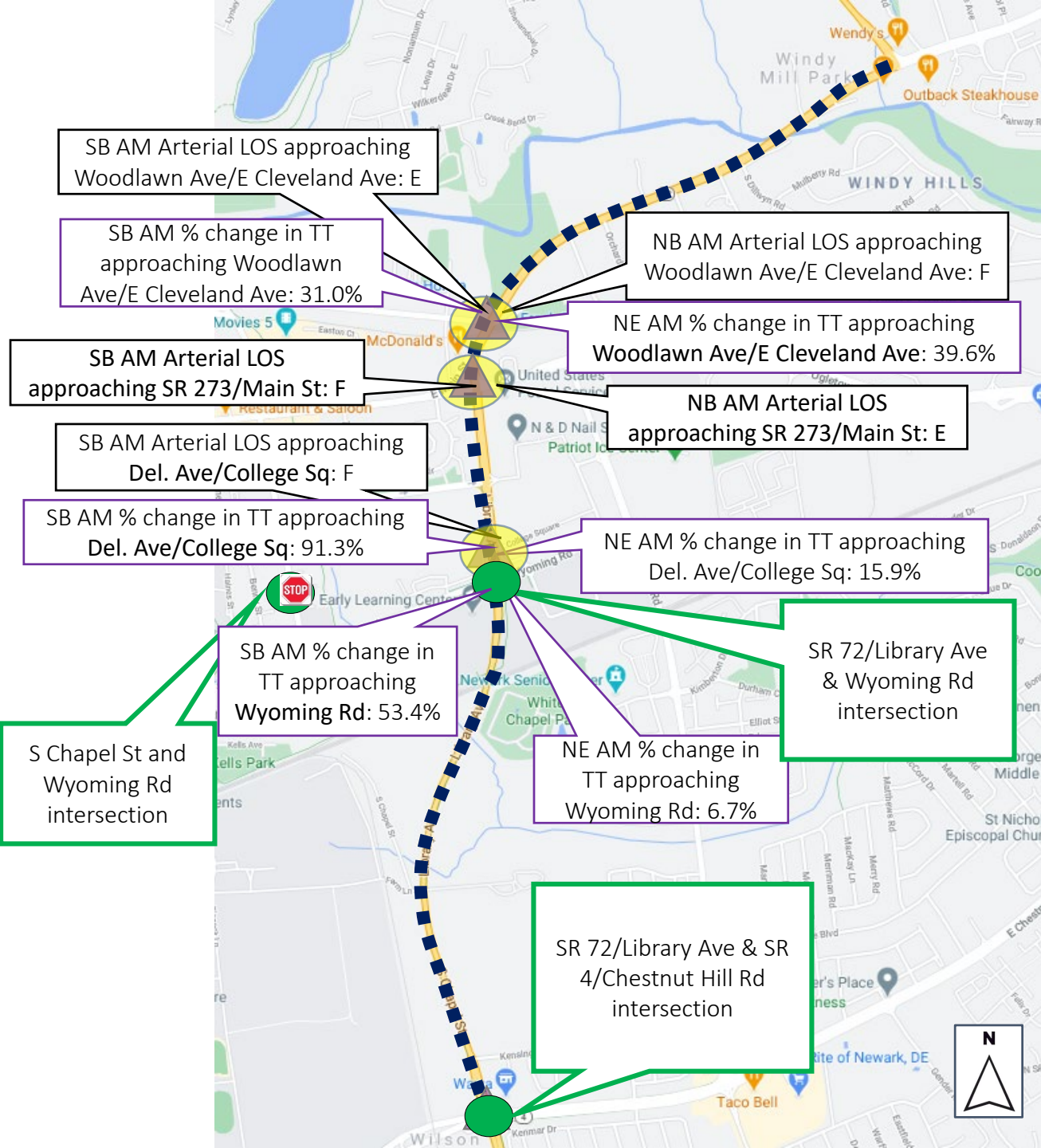


Issues, Needs and Potential Improvements

By Focus Corridor



Arterial 1 – SR 72/Library Ave/SR 2 Capitol Trail from SR 4 to Possum Park Rd (AM)



Legend

- Corridor level analysis performed*
- Corridor segment approaches exceeding LOS standards
- Corridor segment approaches exceeding 5% change in TT¹
- Intersection exceeding delay standards
- DelDOT proposed improvement

¹TT = Travel Time

*NB AM and SB AM & PM entire segment exceeds 5% TT increase standard

Arterial 1 – SR 72/Library Ave/SR 2 Capitol Trail from SR 4 to Possum Park Rd (PM)

SB PM % change in TT approaching Woodlawn Ave/E Cleveland Ave: 20.1%

NB PM Arterial LOS approaching Woodlawn Ave/E Cleveland Ave: F

NB PM % change in TT approaching SR 273/Main St: 7.5%

NB PM Arterial LOS approaching SR 273/Main St: F

NB PM Arterial LOS approaching Del. Ave/College Sq: E






SR 72/Library Ave & Wyoming Rd intersection

SR 72/Library Ave & SR 4/Chestnut Hill Rd intersection

SB PM % change in TT approaching SR 4: 21.4%

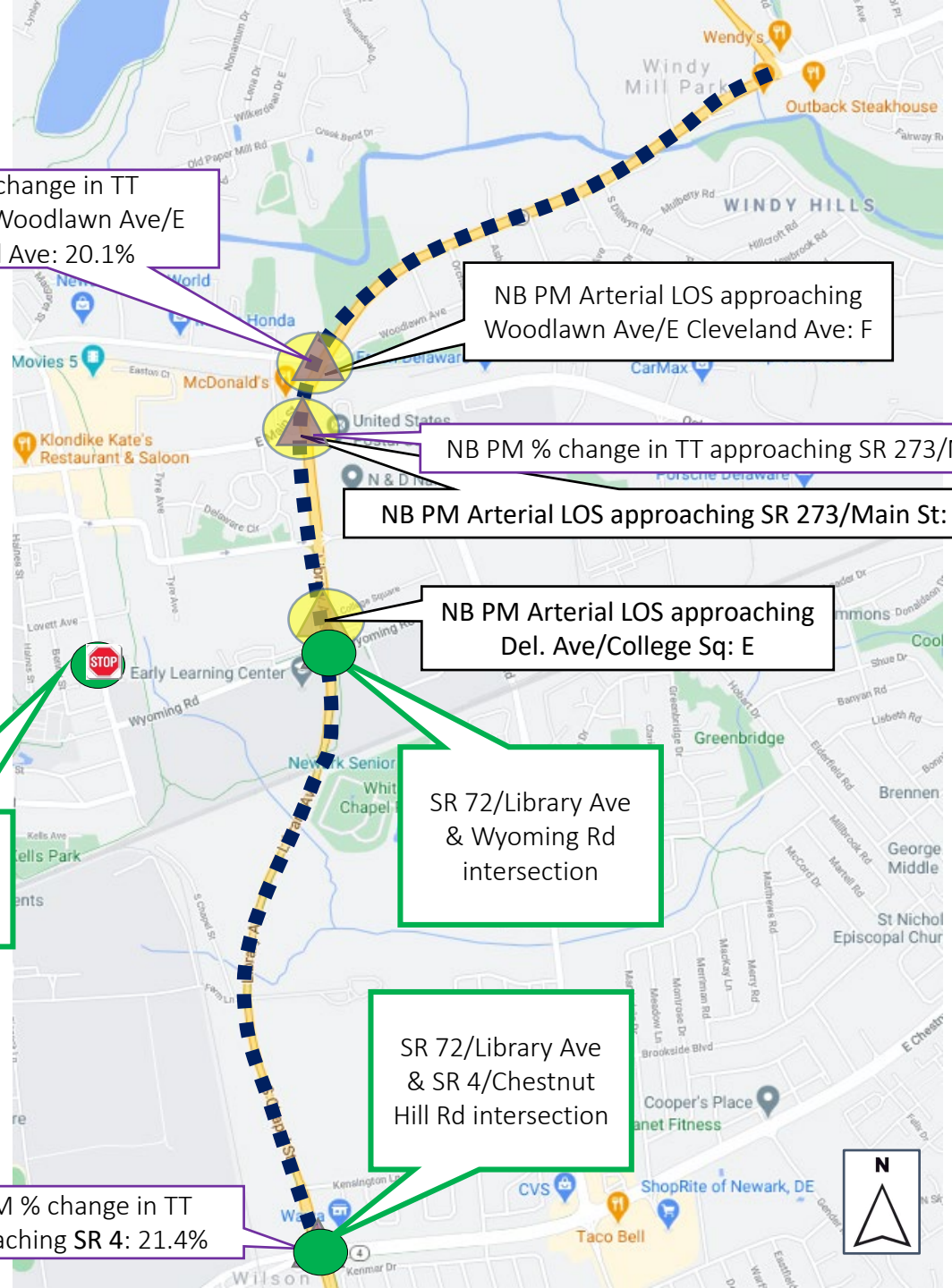
S Chapel St and Wyoming Rd intersection

Legend

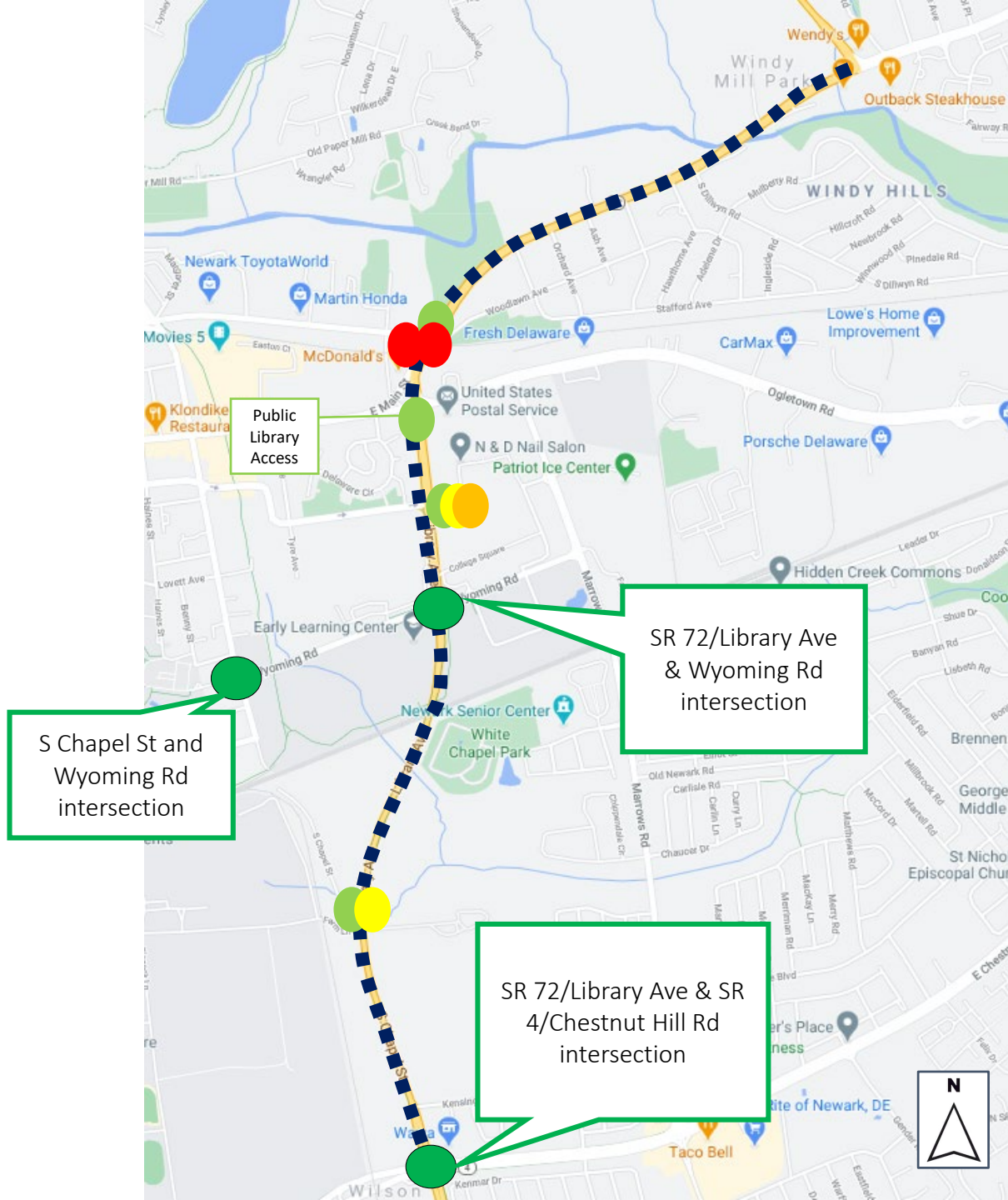
-  Corridor level analysis performed*
-  Corridor segment approaches exceeding LOS standards
-  Corridor segment approaches exceeding 5% change in TT¹
-  Intersection exceeding delay standards
-  DelDOT proposed improvement

¹TT = Travel Time

*NB AM and SB AM & PM entire segment exceeds 5% TT increase standard



Arterial 1 – SR 72/Library Ave/SR 2 Capitol Trail from SR 4 to Possum Park Rd



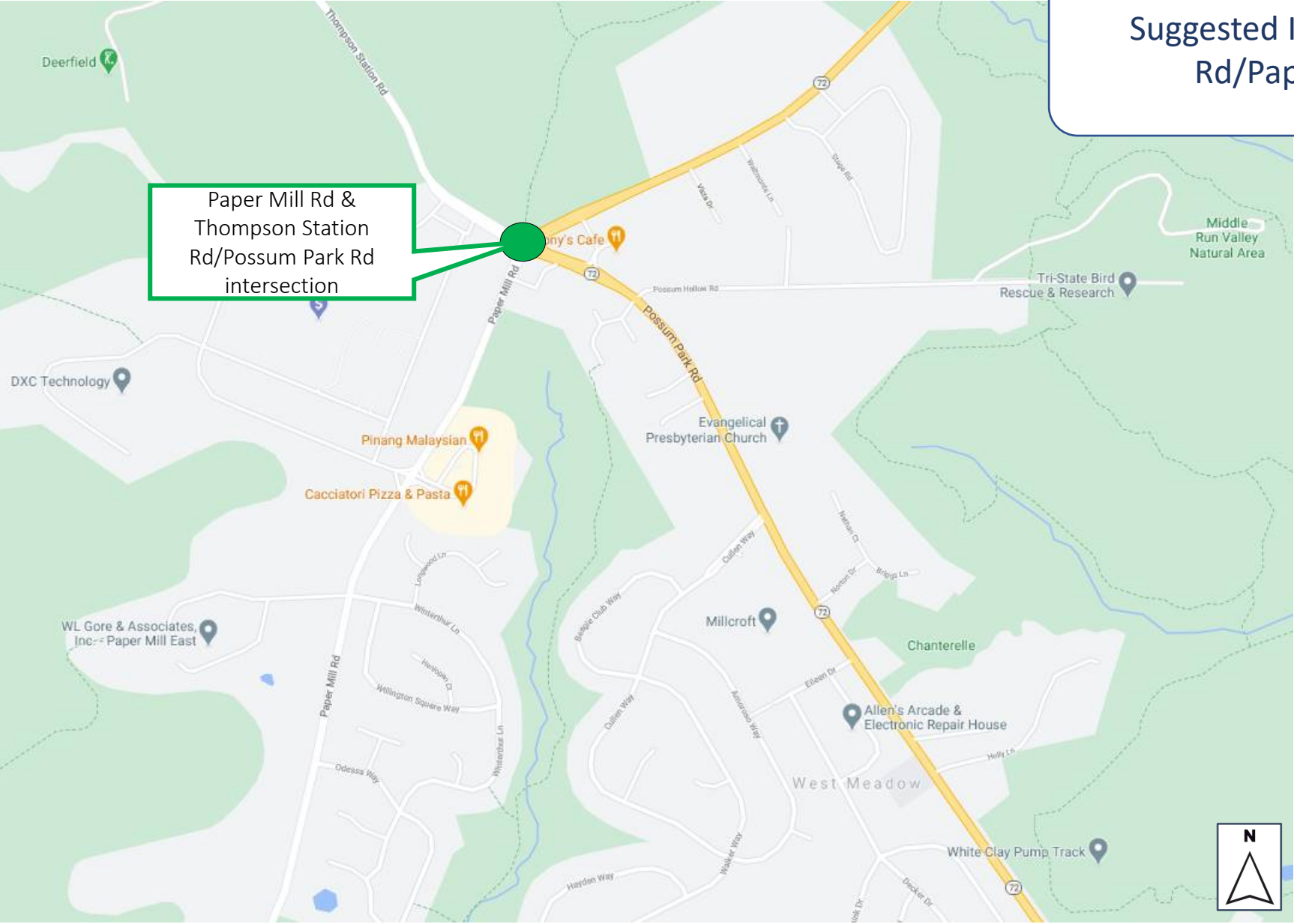
Legend

- Corridor level analysis performed*
- Current Congestion Hot Spots/ Roadway Corridor Improvement Opportunities
 - Major Bicycle Network Gaps and/or Improvement Opportunities
 - Pedestrian Facilities Improvement Opportunities
 - Transit Improvement Opportunities
- DelDOT proposed improvement

} Sticky dots left by committee members

Suggested Improvement: Possum Park Rd/Paper Mill Rd Intersection

Paper Mill Rd & Thompson Station Rd/Possum Park Rd intersection



Legend

- Corridor level analysis performed*
- Yellow circle Corridor segment approaches exceeding LOS standards
- Purple triangle Corridor segment approaches exceeding 5% change in TT¹
- Traffic light and Stop sign Intersection exceeding delay standards
- Green circle DeIDOT proposed improvement

¹TT = Travel Time

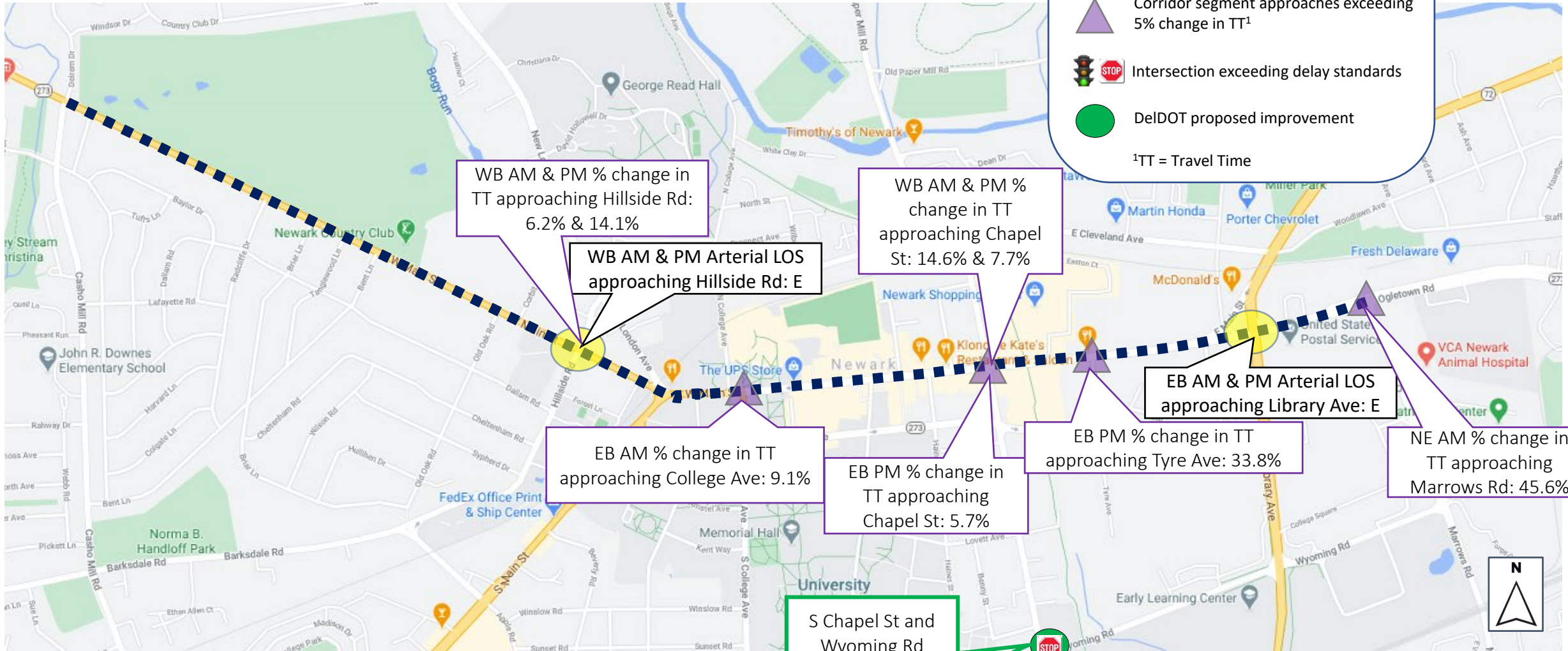
*NB AM and SB AM & PM entire segment exceeds 5% TT increase standard



Arterial 4 – SR 273/Main St/Nottingham Rd from Marrows Rd to Casho Mill Rd

Legend

- Corridor level analysis performed*
 - Corridor segment approaches exceeding LOS standards
 - ▲ Corridor segment approaches exceeding 5% change in TT¹
 - 🚦 STOP Intersection exceeding delay standards
 - DeIDOT proposed improvement
- ¹TT = Travel Time

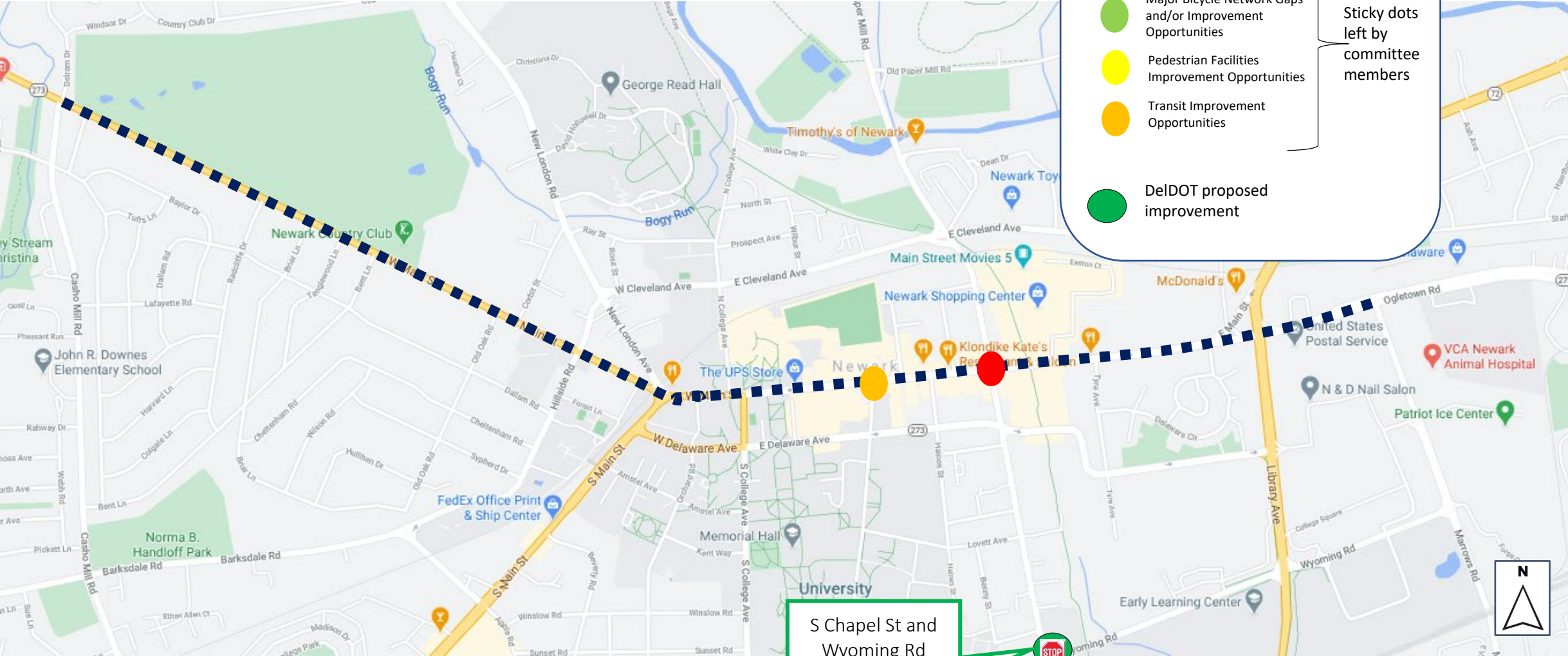


Arterial 4 – SR 273/Main St/Nottingham Rd from Marrows Rd to Casho Mill Rd

Legend

- Corridor level analysis performed*
- Red Circle: Current Congestion Hot Spots/ Roadway Corridor Improvement Opportunities
- Light Green Circle: Major Bicycle Network Gaps and/or Improvement Opportunities
- Yellow Circle: Pedestrian Facilities Improvement Opportunities
- Orange Circle: Transit Improvement Opportunities
- Green Circle: DelDOT proposed improvement

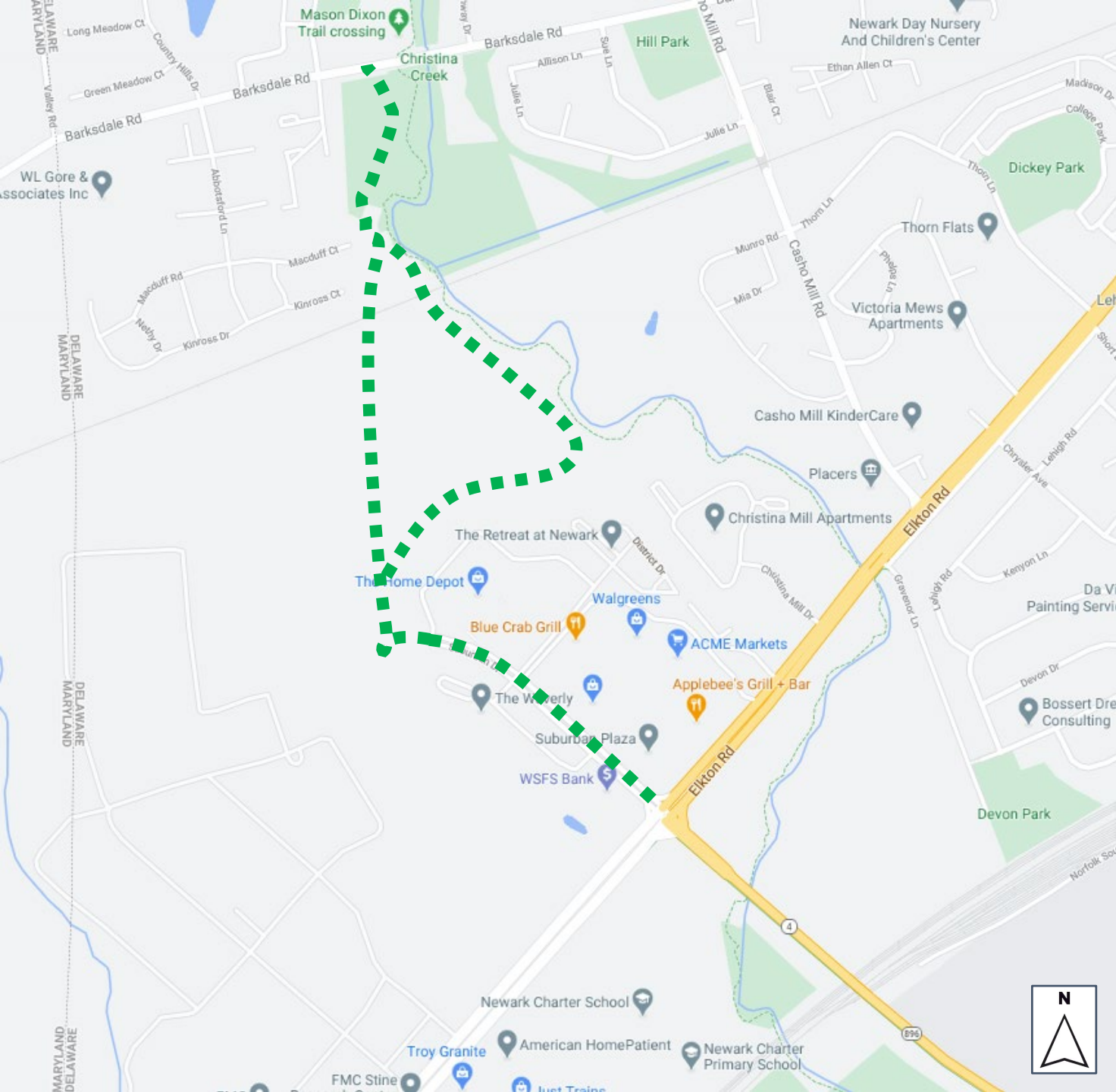
*Sticky dots left by committee members








S Chapel St and Wyoming Rd intersection



NEW CONNECTOR ROAD – SR 4 to Barksdale Rd Concept



Legend

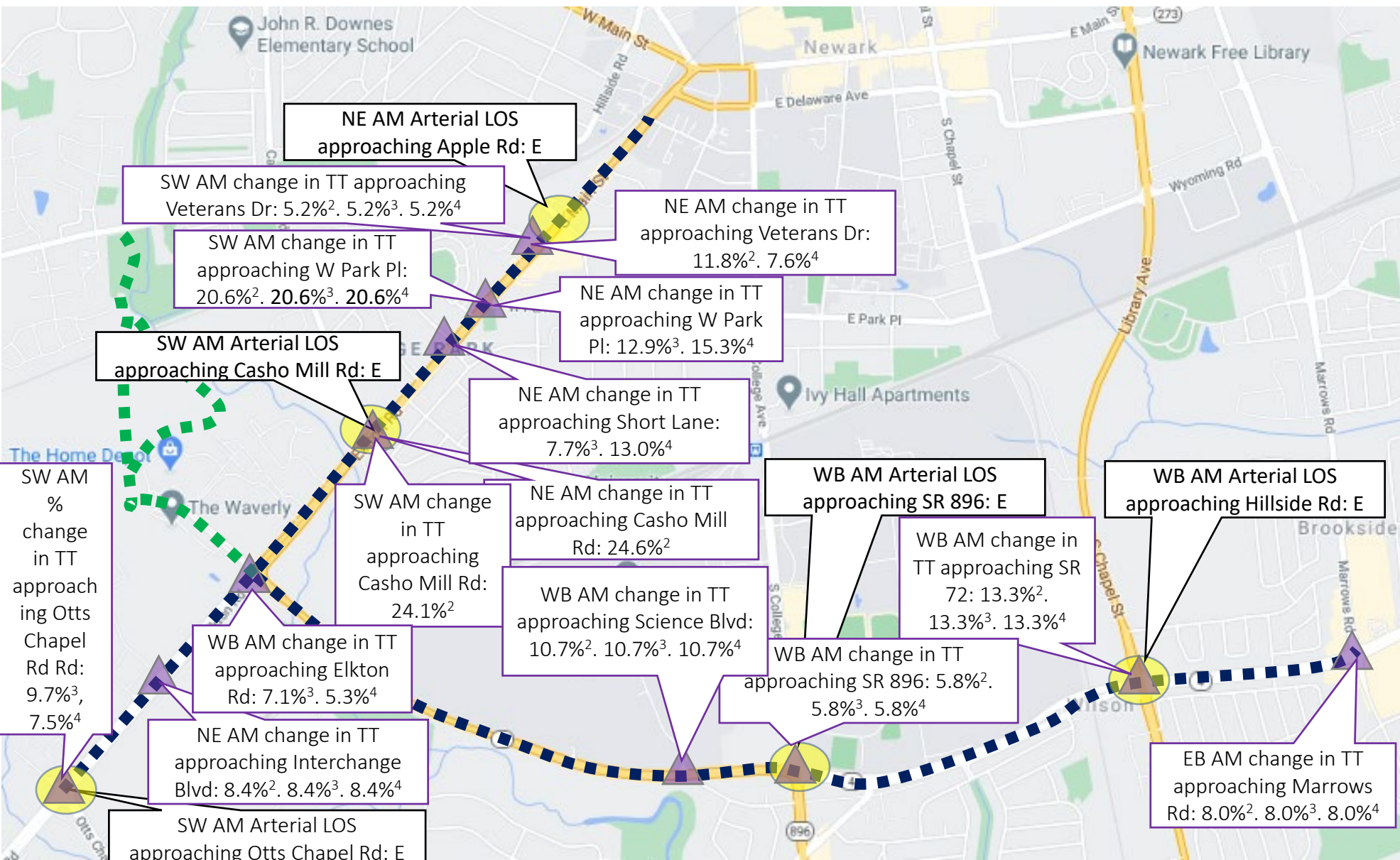
-  Corridor level analysis performed*
-  Corridor segment approaches exceeding LOS standards
-  Corridor segment approaches exceeding 5% change in TT¹
-  Intersection exceeding delay standards
-  DelDOT proposed improvement

¹TT = Travel Time

*Elkton Rd Southern Portion NE AM, Northern Portion SW AM, & SW AM entire segment exceeds 5% TT increase standard



NEW CONNECTOR ROAD – SR 4 to Barksdale Rd (AM)



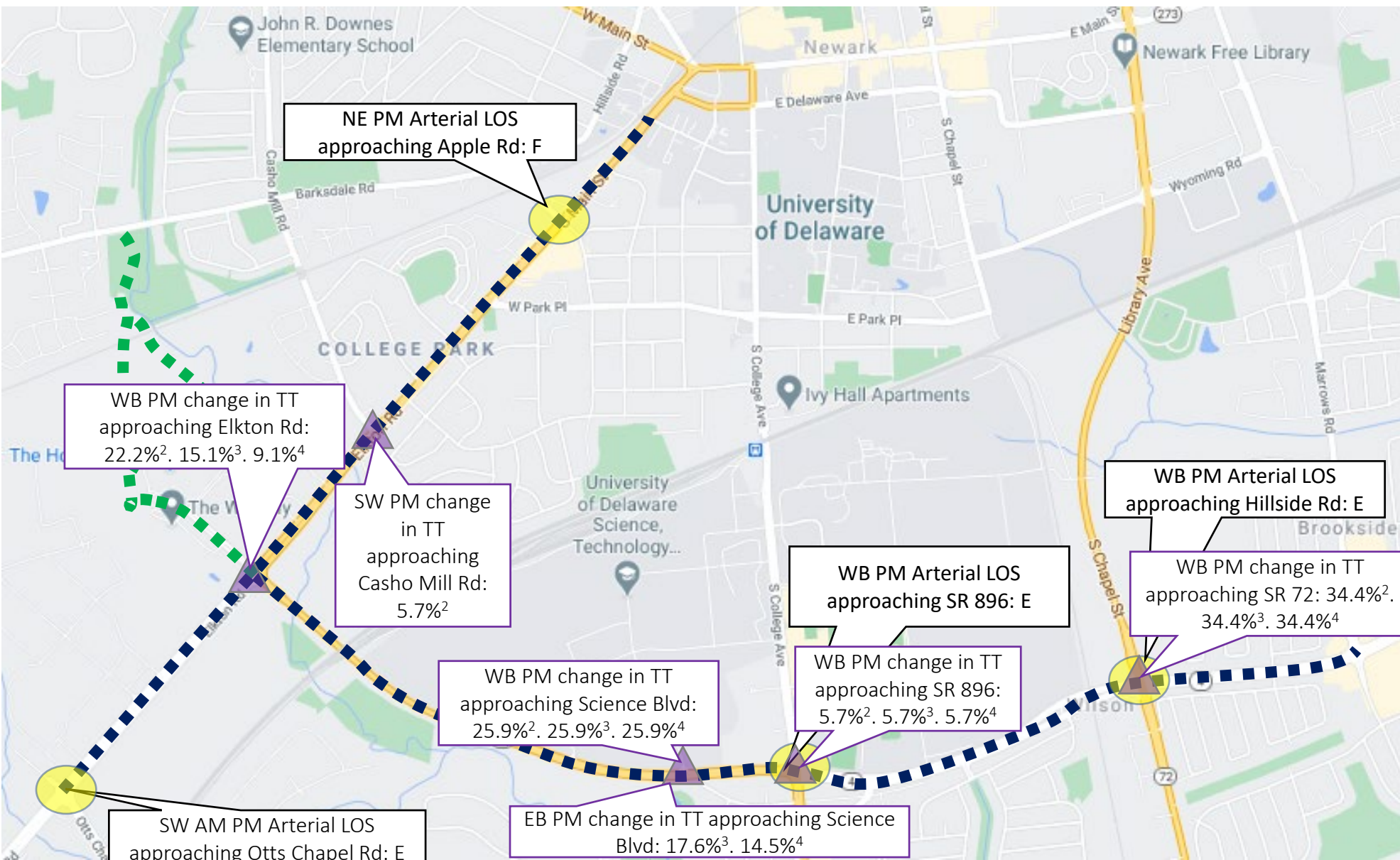
Legend

- Corridor level analysis performed*
- Corridor segment approaches exceeding LOS standards
- ▲ Corridor segment approaches exceeding 5% change in TT¹
- 🚦🛑 Intersection exceeding delay standards
- DeIDOT proposed improvement

¹ TT = Travel Time
² The % change in TT between existing and short-term improvements scenario
³ The % change in TT between existing and the higher speed connector
⁴ The % change in TT between existing and the lower speed connector

*SR 4 WB AM & PM entire segment exceeds 5% TT increase standard

NEW CONNECTOR ROAD – SR 4 to Barksdale Rd (PM)



Legend

- Corridor level analysis performed*
- Corridor segment approaches exceeding LOS standards
- ▲ Corridor segment approaches exceeding 5% change in TT¹
- 🚦🛑 Intersection exceeding delay standards
- DeIDOT proposed improvement

¹ TT = Travel Time
² The % change in TT between existing and short-term improvements scenario
³ The % change in TT between existing and the higher speed connector
⁴ The % change in TT between existing and the lower speed connector

*SR 4 WB AM & PM entire segment exceeds 5% TT increase standard

NE PM Arterial LOS approaching Apple Rd: F

WB PM change in TT approaching Elkton Rd: 22.2%². 15.1%³. 9.1%⁴

SW PM change in TT approaching Casho Mill Rd: 5.7%²

WB PM change in TT approaching Science Blvd: 25.9%². 25.9%³. 25.9%⁴

SW AM PM Arterial LOS approaching Otts Chapel Rd: E

EB PM change in TT approaching Science Blvd: 17.6%³. 14.5%⁴

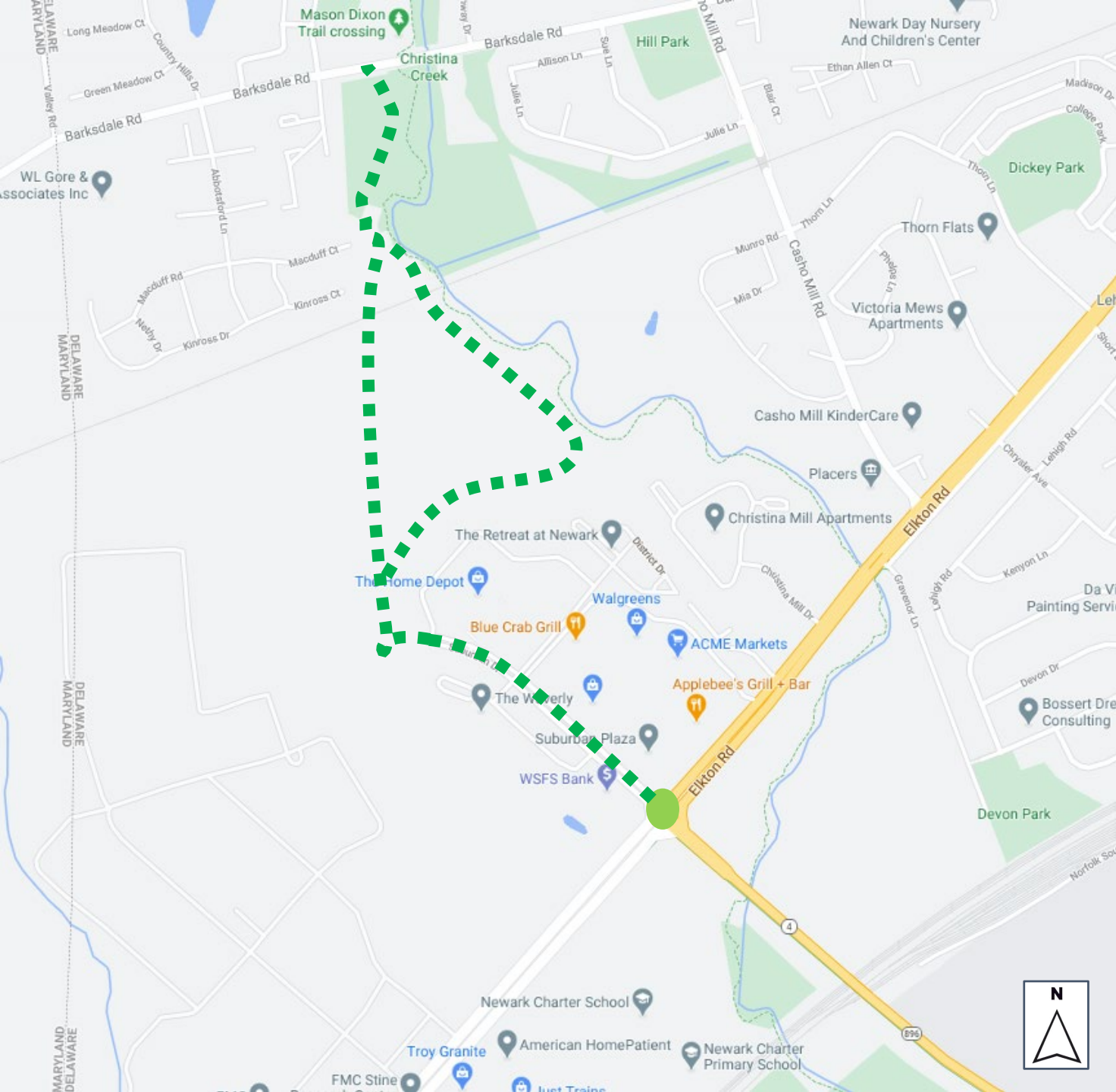
WB PM Arterial LOS approaching SR 896: E

WB PM change in TT approaching SR 896: 5.7%². 5.7%³. 5.7%⁴

WB PM Arterial LOS approaching Hillside Rd: E

WB PM change in TT approaching SR 72: 34.4%². 34.4%³. 34.4%⁴

NEW CONNECTOR ROAD – SR 4 to Barksdale Rd



Legend

..... Corridor level analysis performed*

- Current Congestion Hot Spots/ Roadway Corridor Improvement Opportunities
- Major Bicycle Network Gaps and/or Improvement Opportunities
- Pedestrian Facilities Improvement Opportunities
- Transit Improvement Opportunities

} Sticky dots left by committee members

● DelDOT proposed improvement

