Arcola/Skyview

TRANSPORTATION MERGER – PRELIMINARY PROPOSAL

Agenda

- Rationale
- Data
- Map
- Operation
- Construction

Rationale

- Reduces number of buses and drivers required
- Saves approximately $370K annually
- Long term efficiency in routing/operation
- Will decrease the overall ride time for students
- Provides for all buses to be on campus for dismissal
- Provides best proximity for bus loading and unloading
- Allows for safer and a more controlled traffic flow around campus

Data

- 764 bus stops for Arcola and Skyview students combined
- 183 bus stops currently shared by Arcola and Skyview students
- Bus ridership (spread across all routes/bus capacities)
  - Arcola
    - 28 students per AM bus and 27 students per PM bus with 570 riders on average per route
  - Skyview
    - 38 students per AM & PM bus with 618 riders on average per route
  - Calc = 2 per seat at Arcola and 2.5 per seat at Skyview to combined 2.25
- Student Enrollment
  - Arcola/Skyview Enrollment for next school year projected at 1,518 or 29 students less than current total (based on Oct 1 enrollment)
- Car Traffic
  - Peak car traffic in AM is estimated to be 650 (continuous flow)
  - Peak car traffic in PM is estimated to be 400 (parked/proceeding to enter campus)

Draft -Student Bus Arrival/Dismissal Schedule

Category - AM	Arcola	Skycola	Skyview
Earliest Arrival Time	7:50 AM	8:05 AM	8:25 AM
No Later than Arrival Time	8:00 AM	8:15 AM	8:35 AM
Bell Time	8:05 AM	8:20 AM	8:45 AM
Bus can depart School	After Drop	After Drop	After Drop
Category - PM	**Arcola**	**Skycola**	**Skyview**
Buses Staged	2:40 PM	3:00 PM	3:05 PM
Student Dismissal	2:50 PM	3:05 PM	3:15 PM
Bus Departure Time Tier 1	3:00 PM	3:10 PM	3:20 PM
Bus Departure Time Tier 2		3:15 PM	3:25 PM

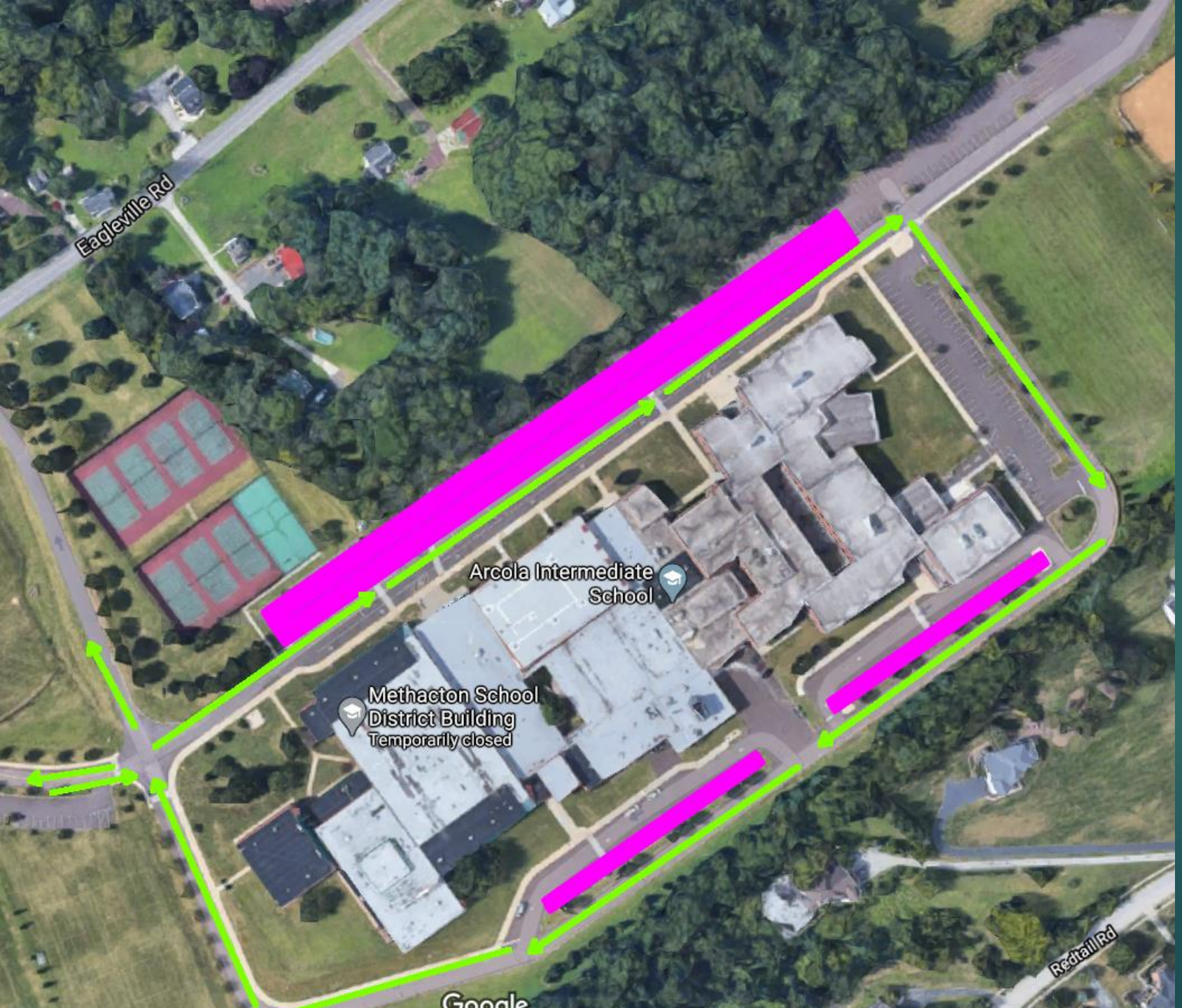
Operations

- All Traffic will run clockwise – NO exceptions
  - 2 lane one way traffic in front with one lane one way traffic on sides and rear
- Number of Buses: 32-34 with number of bus waves: 2 (15-17 per wave with Max of 24 per wave)
- Staging Buses: Rear of Skyview (parking lot) and Parking Area (currently turnaround zone)
- Staging Cars: Parking lot by stop sign by Arcola & all along the front of the building in lined pick-up zone.
- Bus rider release: estimated 4 release times for AM and PM
- Bus riders will be released to the rear of each building
- Car Riders will be released to the front of each building (Skyview can release some students to back/side parking lot)
  - Car riders will be dismissed as the buses are pulling out
- Pinch Points: Stop Sign and Skyview corner
  - Use extra duty contract for Skyview Corner (Dismissal Only)
  - Use 3rd Party 2nd Shift Security/Safety Officer for Stop Sign (Dismissal Only)
- Arcola/Skyview back hall used for bus rider traversing to locate closest exit
  - Required 4 extra duty contracts (Arrival and Dismissal)
- Buses will lineup in predetermined order for arrival and dismissal
- Eagleville traffic light changes may provide additional benefit

Eagleville Rd
Arcola Intermediate School
Methacton School District Building
Temporarily closed
Redtail Rd
Google

KEY

Green = Campus Traffic Direction



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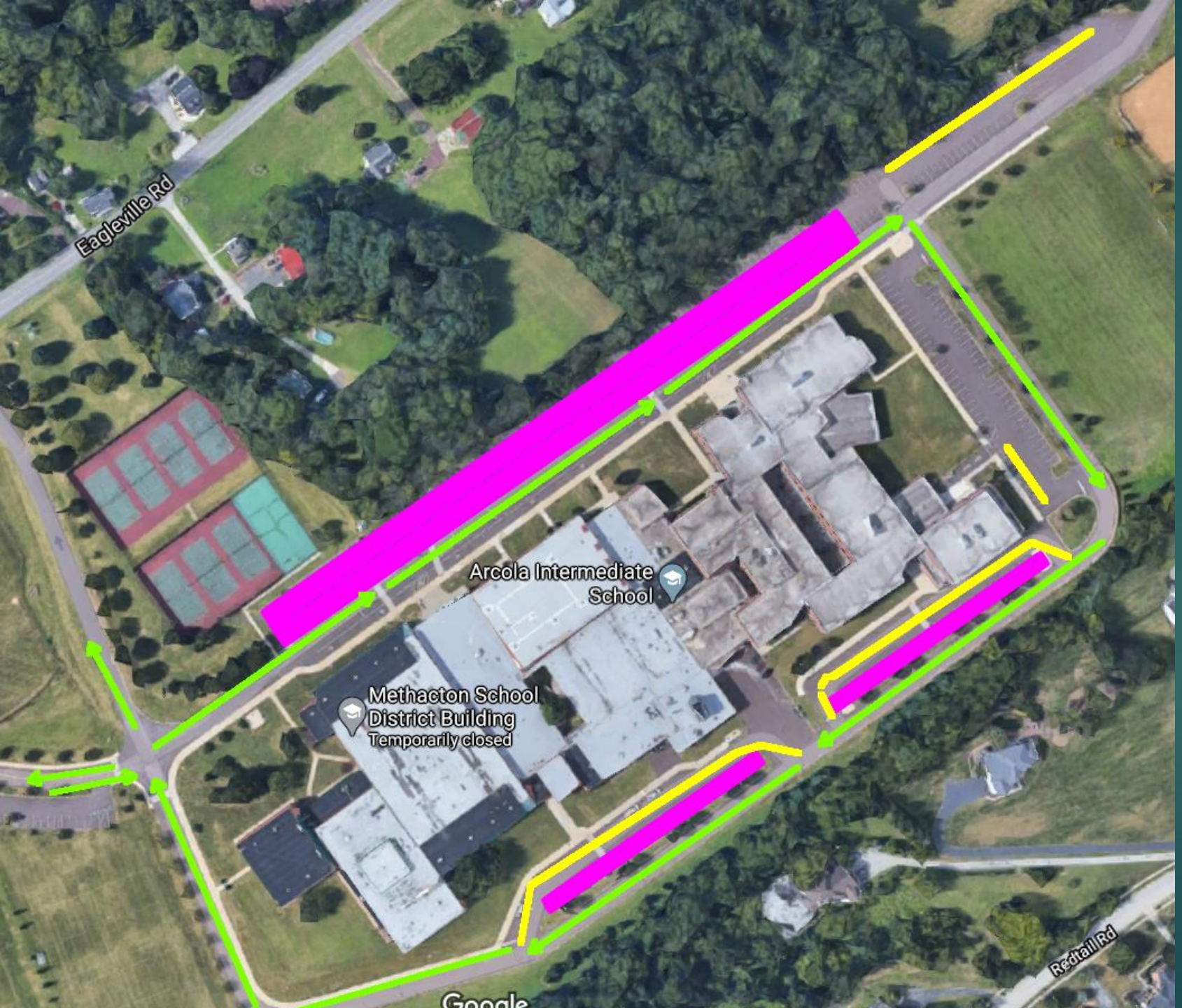
Green = Campus Traffic Direction

Purple = Staff Parking



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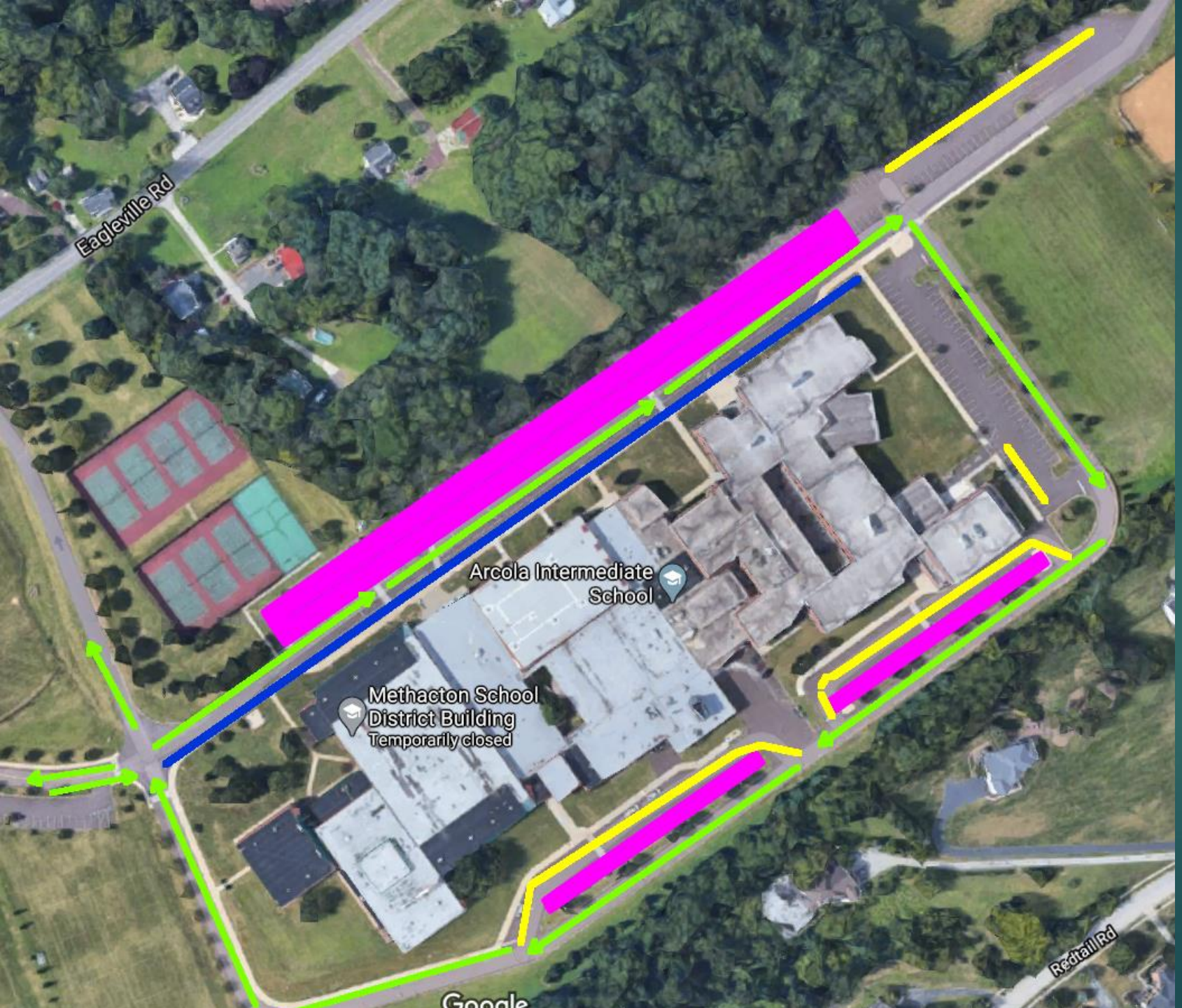
Green = Campus Traffic Direction
Purple = Staff Parking
Yellow = Bus Loading/Staging



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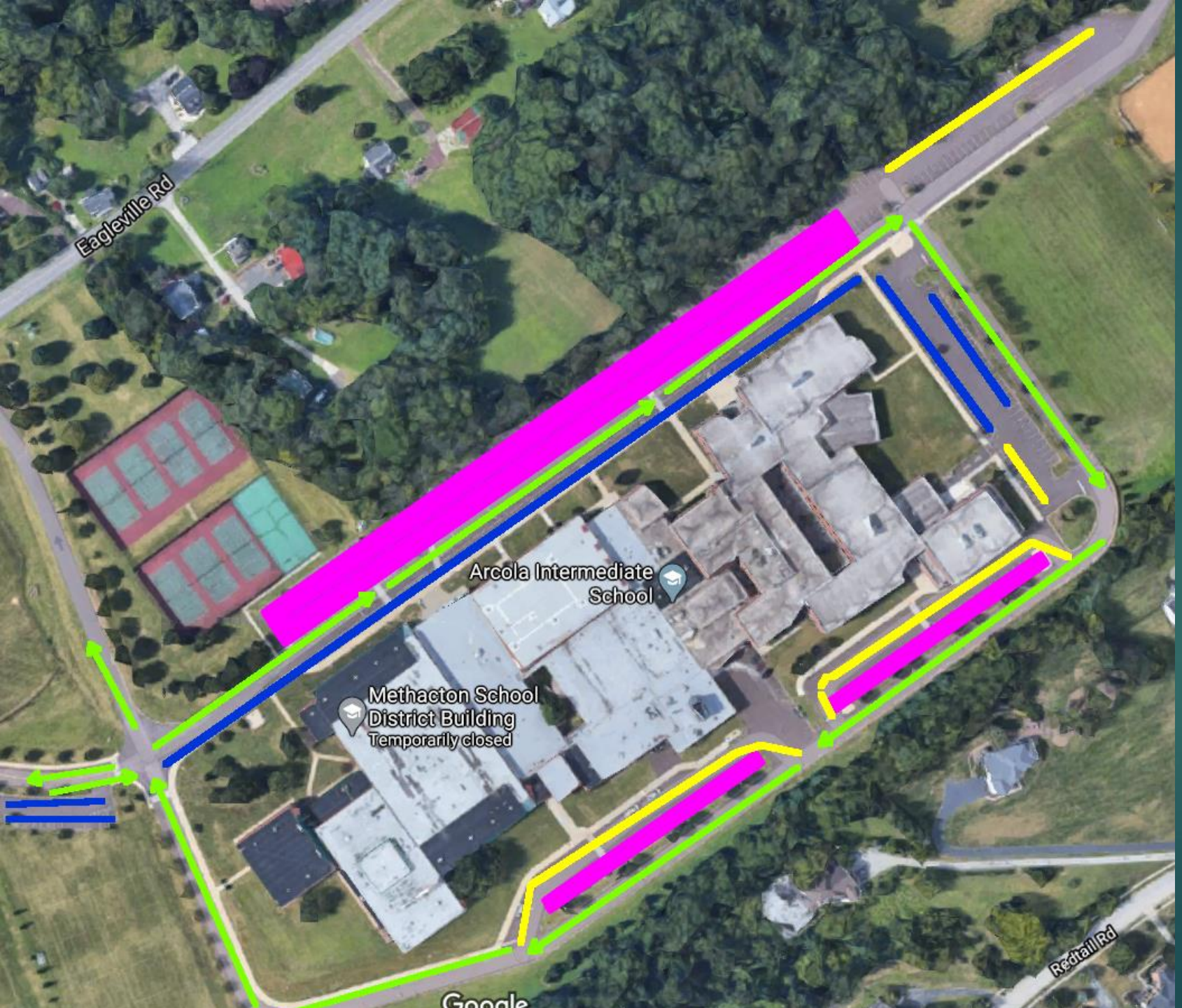
Yellow = Bus Loading/Staging
Blue = Car Rider Loading



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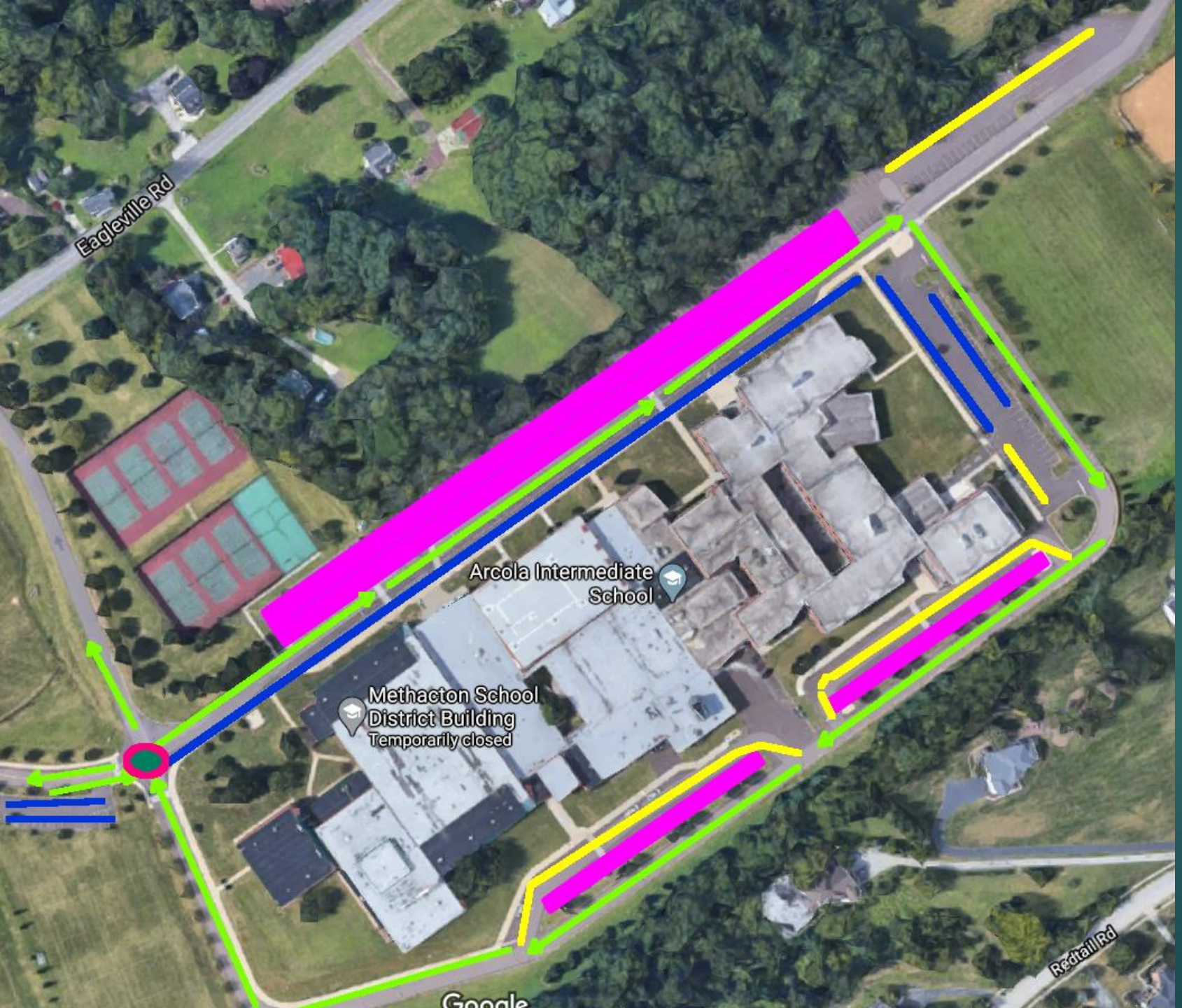

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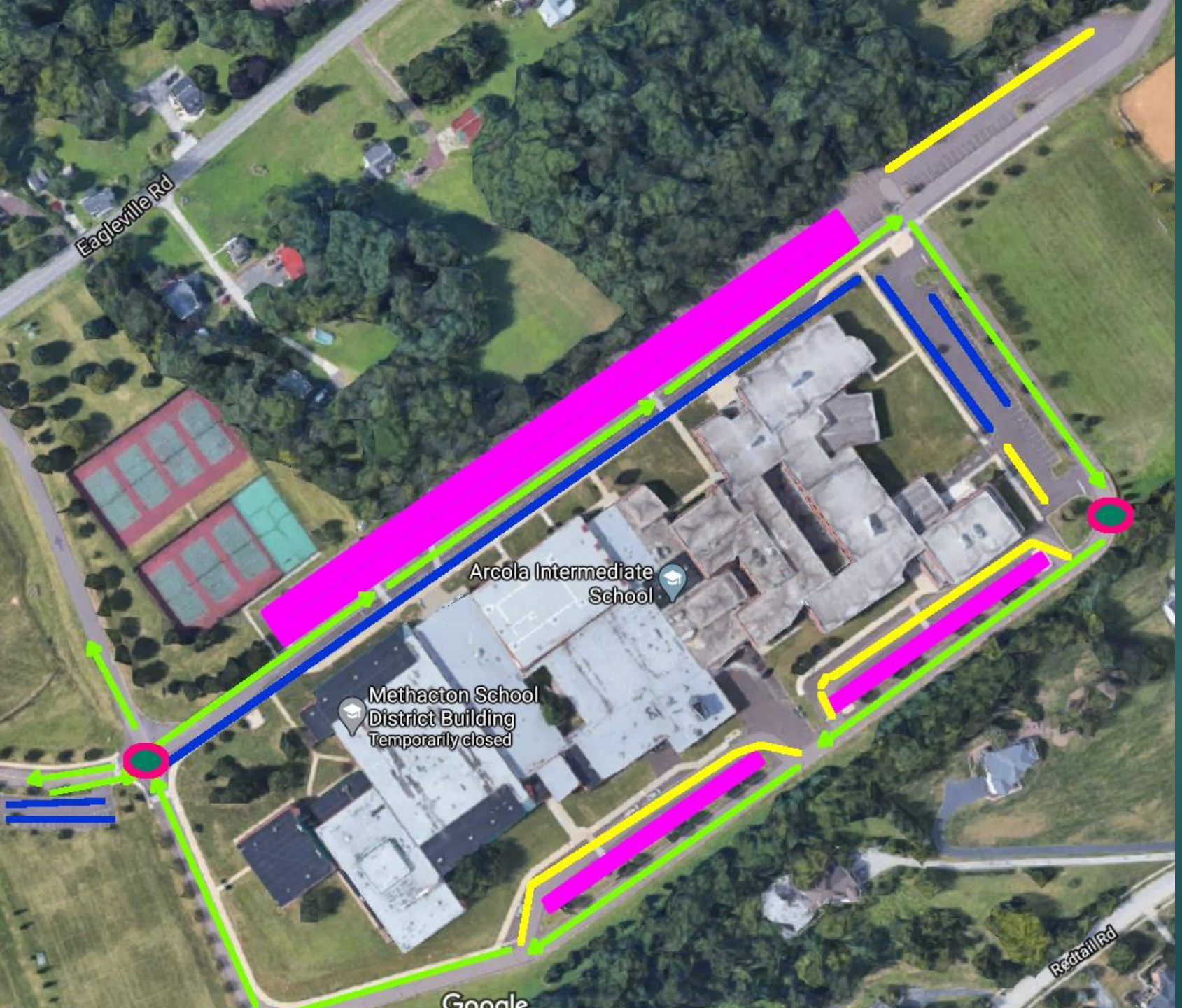
Blue = Car Rider Loading
Circle = Pinch Points



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Construction

- Line and on Road Arrow painting
- Signage delineating one way
- Staff Spots will be assigned and numbered

Recommend that we prepared and present the schedule of changes recommended at the June 16 work session of the Board.

Questions