



Seawell School & Homestead Road Redesign

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Our Goals

- Increase pedestrian and bike safety by providing separated lanes, signaled crossing, and Hawk crossing
- Increase visibility
- Add wayfinding signs for children
- Control speed of motor vehicles
- Increase visibility of crossings
- ADA compliance
- Adhere to the towns “Vision Zero” policy initiative

Segment Concerns: Intersection of Seawell School Rd. & High School Rd.

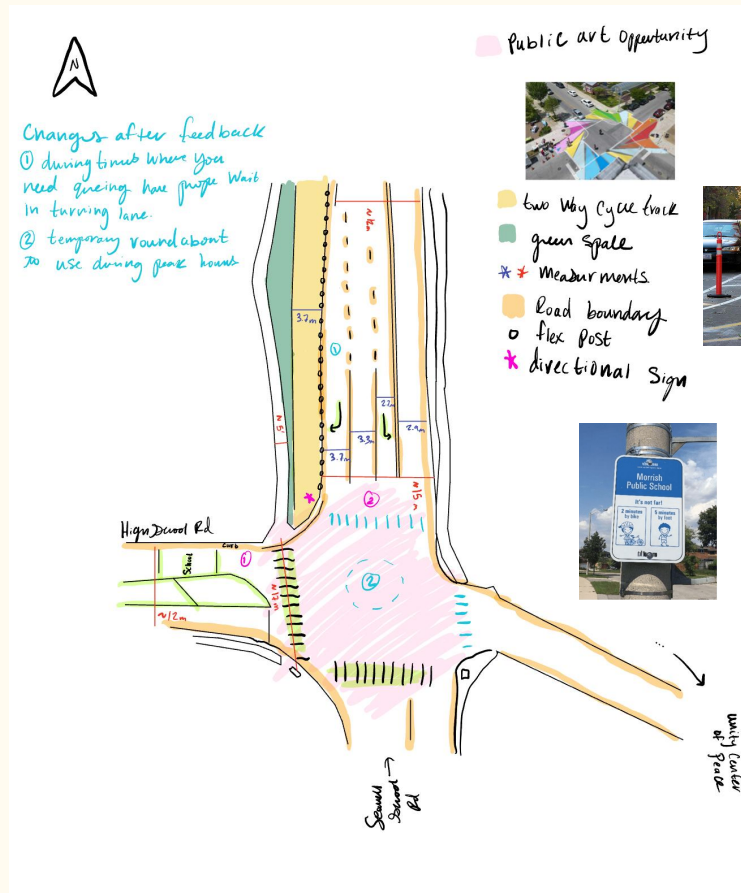
- Existing Rectangular Flashing Beacons & Crossings could be improved
- High pedestrian traffic during dismissal
- Overflow HS parking at Unity Center.
- High speed vehicle traffic through intersection
- H.S. Athletic teams use intersection to access trails.
- Vehicles using shoulder as queuing lane for dismissal and risky driver behavior.

Highschool Rd.



Changes

- Convert empty space on the road to a two-way cycle track, and separate the bikers from drivers using flexposts.
- Add wayfinding signs to orient pedestrians and bicyclists to direction and distance key locations
- Add temporary roundabout to control increased traffic during the beginning and end of schools, while providing more structure for less experienced drivers.
- Add public art at the intersection





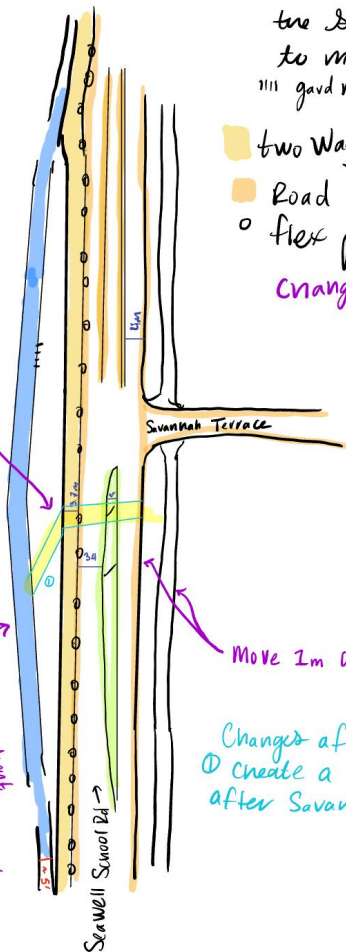
Segment concerns: Interception of Seawell and Savannah Terrace

- No pedestrian crosswalks
- Unsubstantial bike infrastructure
- ADA concerns on the sidewalk, when nearing the bus lot.



decrease hill to move
road over 2.7

lower gradient to meet
have requirements
also add potential for
safety



decrease gradient by lowering
the South side slightly
to make it Ada Compliant
with guard rails

two way bike path
Road boundary
flex post
changes made

Changes after feedback
Create a Hawk Crossing
after Savannah Terrace

Changes

- Adjust the gradient of the sidewalk, decreasing the slope of the hill. Add guard rails to any point with a steeper incline or decline.
- Add a hawk crossing right after the intersection of Savannah Terrace.



Segment concerns: Seawell School Rd.& Private Driveways

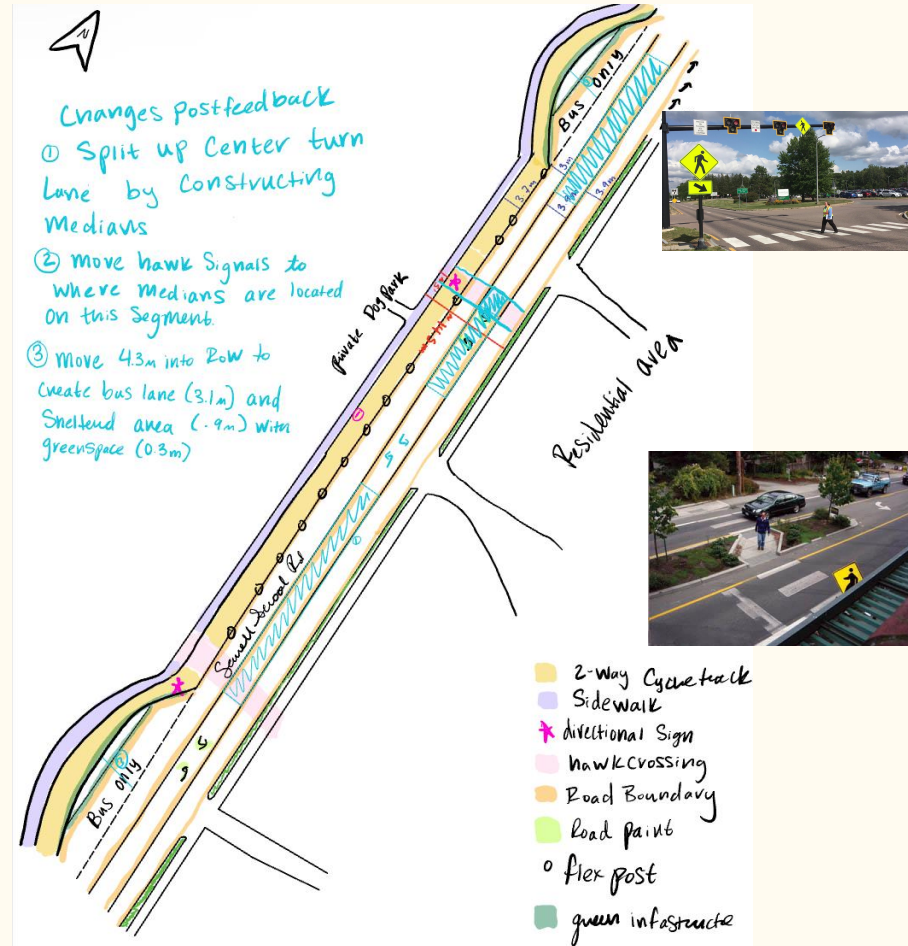
- Lack Of Safe Active Mobility Crossings
- Wide Road With A Continuous Left Turn Lane
- Lack Of Bike Infrastructure
- High Speed Vehicle Traffic





Changes

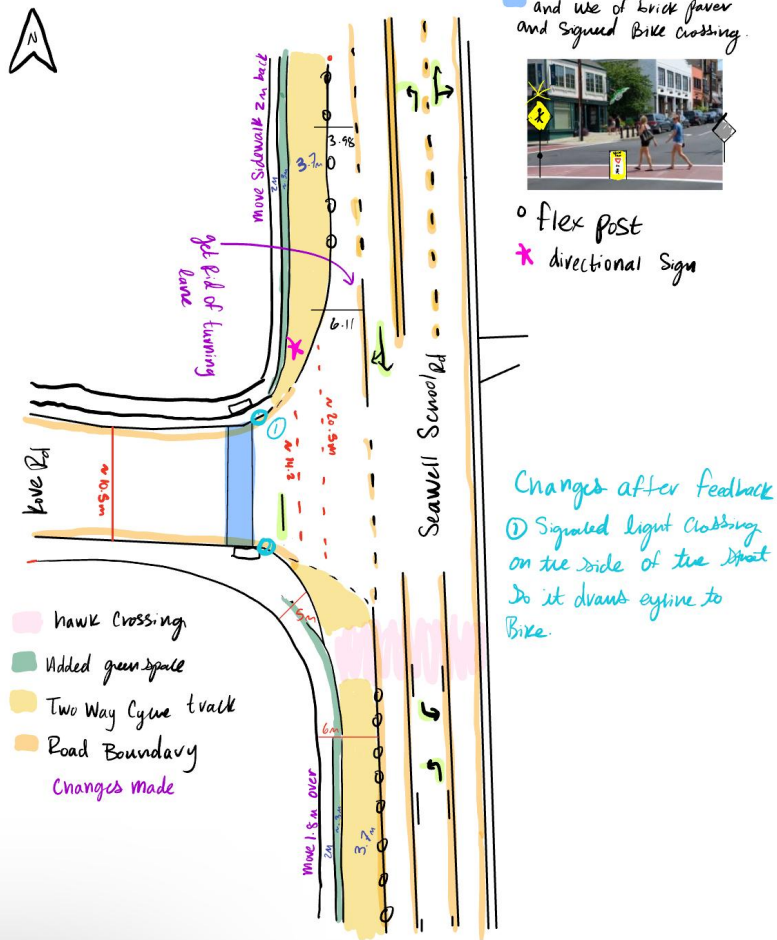
- Add two hawk crossings to seawell road to give pedestrians more opportunities to cross
 - The crossing time will be set at twenty two seconds giving young children ample time to cross
- Construct medians to slow traffic, and increase awareness of drivers
- Using existing lane, add a bus cutout at the existing bus stop



Segment Concerns: Seawell School Rd & Kove Rd

- Lack Of Safe Active Mobility Crossings
- Wide Road/ Lanes
- Lack Of Bike Infrastructure
- High Speed Drivers/ Inattentive Drivers
- Kove rd And Seawell School rd Intersection Has 4 Lanes





Changes

- Move sidewalk back to separate the pedestrians crossing from bike lanes
- Add a brick paver on the sidewalk to differentiate it from the road.
 - RRFB installed to warn drivers of cyclists crossing
- HAWK signal located south of Kove Rd



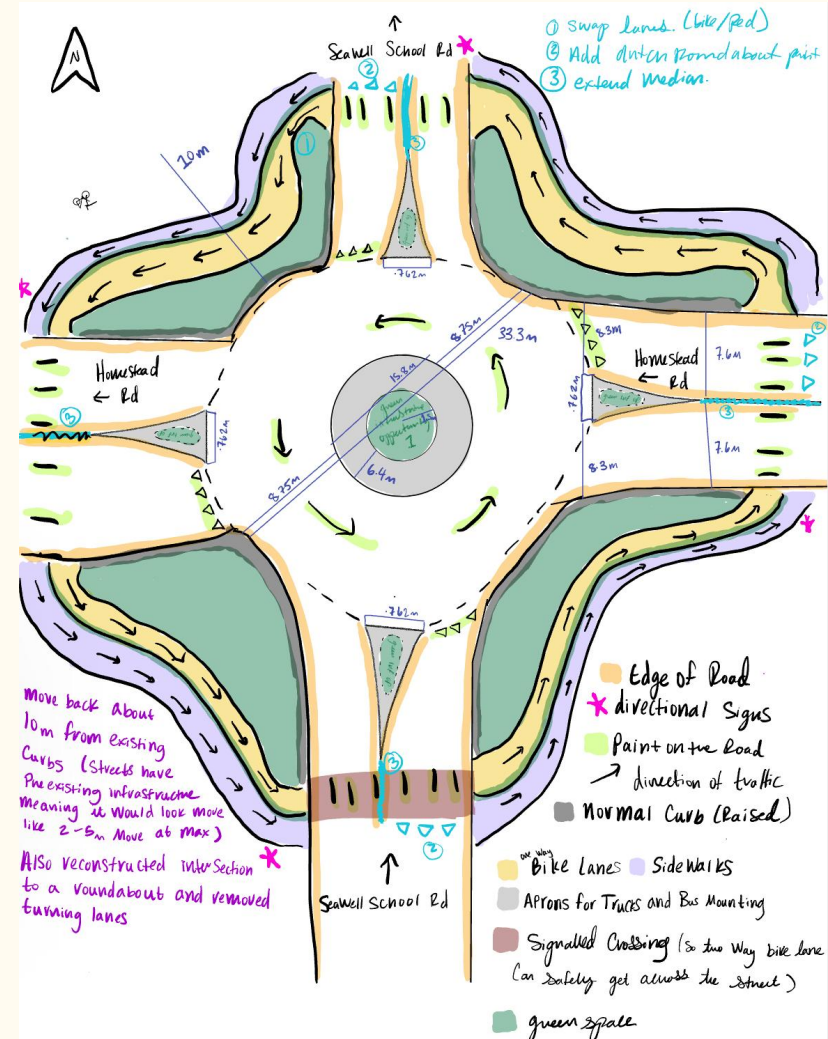
Segment concerns: Intersection of Homestead & Seawell School Rd.

- High Vehicle Traffic and Speeds
- Lack of bicycle infrastructure on Seawell School Road
- Unprotected bike lanes on Homestead Road
- Insufficient pedestrian crosswalk protection



Changes

- Add a roundabout, with biking and walking paths
 - Add a signaled crossing with brick paver in the roundabout at the Northbound approach
 - Use of green paint to indicate bike/ped activity
 - Apron for buses and emergency vehicle access
 - Add pedestrian refuges
- Add the triangular paint to signal to cars that they need to yield to pedestrian or oncoming traffic
- Made sure the bike lane in closer proximity to car traffic than pedestrian while still being separated.



Policy Recommendations

- Extend school zone to Homestead Road.
- Extend school zone operational hours to 4 P.M. *currently 3:40 P.M.*
- Involve school community in a “safe routes to school” night after retrofit is complete.
- Include spanish on wayfinding signs.
- Improve transit frequency and coverage in the area to better provide access beyond students.
- Reducing speed limit to 25 along Seawell Rd from Homestead Rd. to Seawell Elementary driveway.

Thank you!

Questions?

WHAT IS A COMPLETE STREET?

