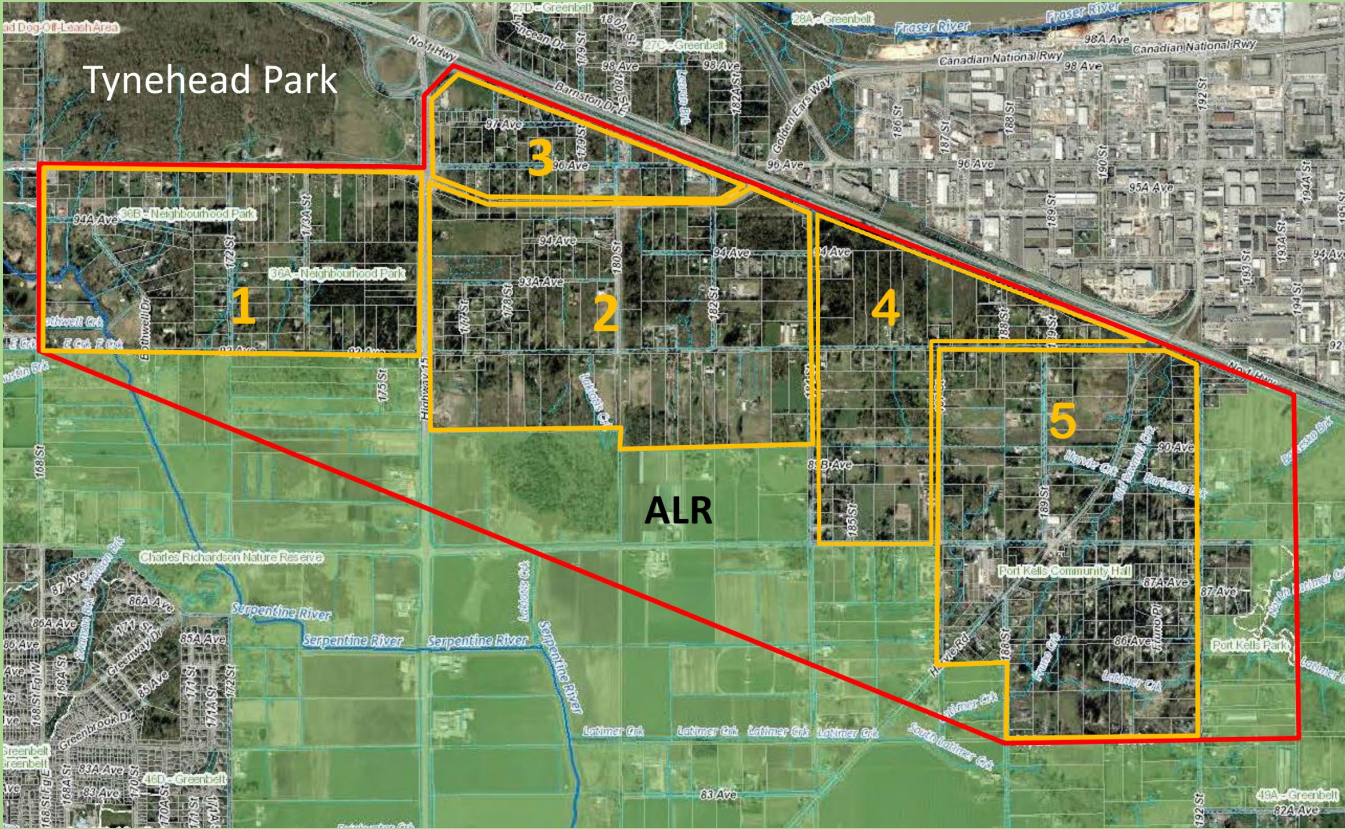


CHAPTER V: VIRTUAL BIKE TOUR

Sub Area 1 Hannah Gibson Jared Dalziel Hamed Ghasemi	130-131
Sub Area 2 Urnaa Munkh Zixin Chen Shiva Monshi Pouri	132-133
Sub Area 3 Cristina Horta Hema Ramnani Jiaxi Xie	134-135
Sub Area 4 Abdulrahman Refaei Yancey Chen Mahdi Tavanpour	136-137
Sub Area 5 Peidie Li Tahsina Mahmud	138-139

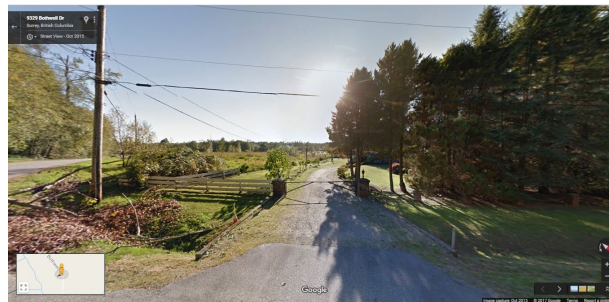




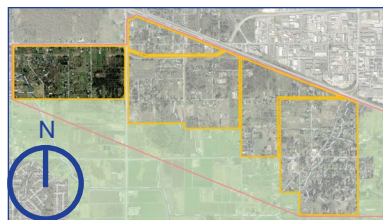
K - Bothwell Dr and 172 Avenue looking north



J - Bothwell Dr and 92 Avenue looking north



I - Bothwell Drive looking south east



A - 168 and 96 Avenue looking south



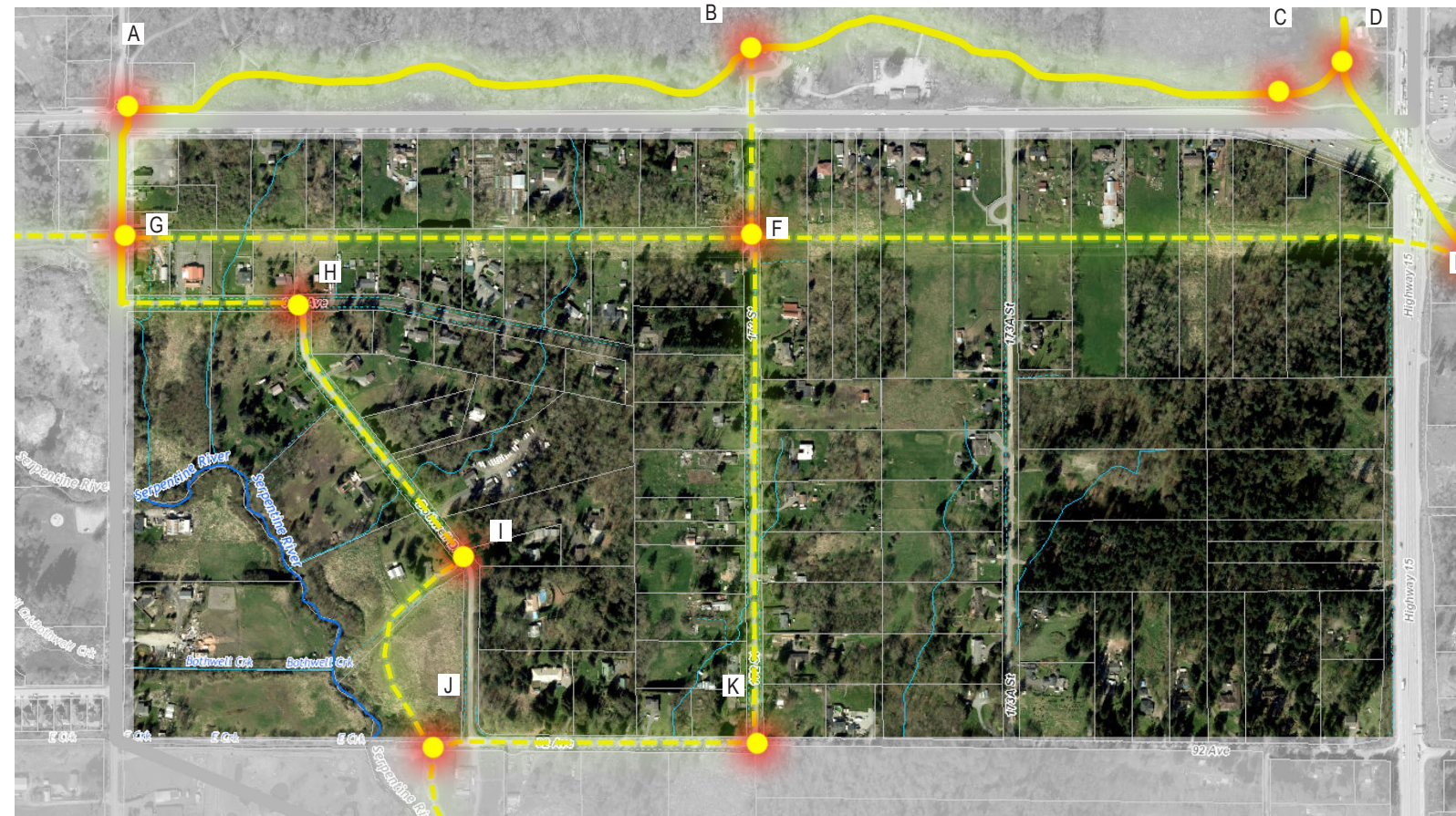
B - Tynehead Park looking north



C - 96 Avenue- Looking south west



D - Pacific Highway and 96 Avenue looking south



— Existing path - - - Proposed path ● Areas of Interest

Site One is located to the south of Tynehead Park, bound by 96th Avenue to the north and 92nd Avenue to the south. The site area has both the Serpentine River and Bothwell Creek running through the south west corner. A bike path is proposed to build off the existing

Green Timbers Greenway (electrical corridor) to connect with BothwellPark which has hobby farms along Bothwell Drive. The Bike route then travels south along 172nd Street to the edge of the ALR line, providing southern vistas to the lower elevation farming fields of the Agricultural Land Reserve.



E - 176 Avenue looking west towards a hydro line easement



F - 172 Avenue looking west



G - 168 Avenue looking east



H - Bothwell Dr and 94 Avenue looking south



Spot 1: Here is the start point of our bike tour. We are at the top of the topographic landscape, which has the best view of both the lowland and the upland at the same time.



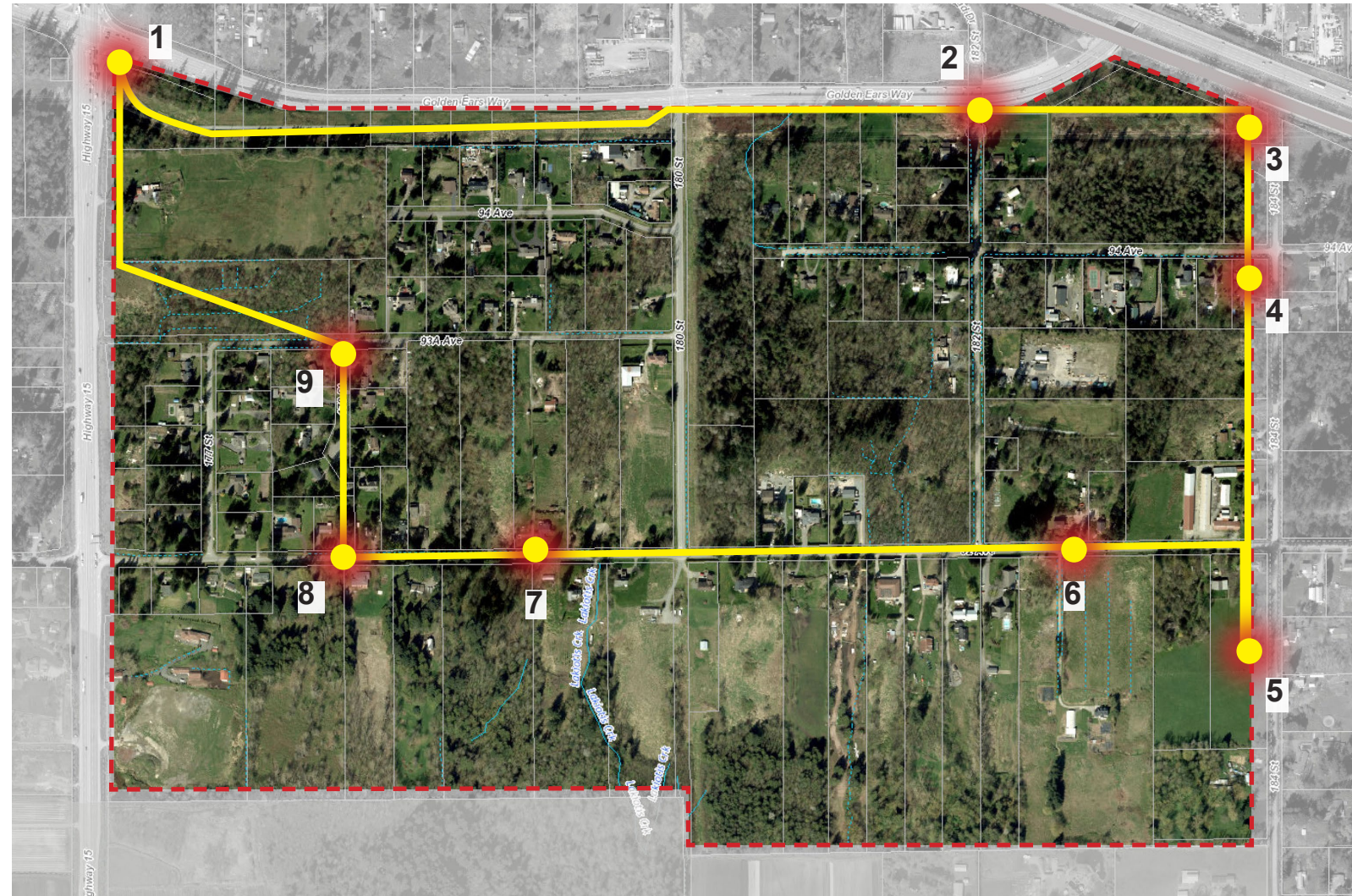
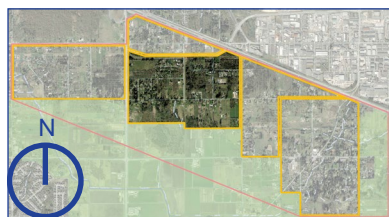
Spot 2: At this point we have a view of the highway and the forest at the same time.



Spot 3: From the second stop to the third stop, we are experiencing a transition from a large view of the landscape to a narrow local trail.



Spot 4: Here is an architectural historical building called Likila House, which is also the first view of a residential house during this bike tour.



The study area is located in northeast Surrey, within the neighborhood of Anniedale. It is bounded by the Golden Ears Way, Pacific Hwy, and 184 St. This proposed bike route is a 5 km loop, and will take about 30 min for a one-way ride. This bike tour will allow us to experience the beautiful suburban rural neighborhood on a different scale of landscape. With the view of the mountain as the background, to the view of a tailored front yard, the transformation from public to private is experienced through the change of vision from the far end to nearby. Our starting point is the intersection of Pacific Hwy and Golden Ears Way.



Spot 5: A glass workshop that has great value in preserving the local culture and encouraging recreational activities in this neighborhood; it acts as a gathering place where everyone can join the workshop, which also facilitates social interactions and attracts people to visit the place.



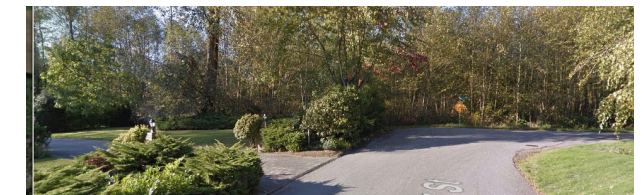
Spot 6: A significant steep slope is found from 92 Ave to the south, which means we have a view of the lowland to the south, and an upland view to the north.



Spot 7: Here we can see forest and farmland on both sides.



Spot 8: We are entering a residential zone, which is a quiet local neighborhood, that has a view of a beautiful tailored design residential front yard. At this point, we can see our transition from a wide public view to a private smaller scale landscape.



Spot 9: Here we are reaching to a dead end, that has limited access for traffic; however, there is a green trail going through the forest that connects to the Pacific Hwy.



Figure 1: Tynehead Park



Figure 2: Golden Ears Way



Figure 3: Skyline Equine

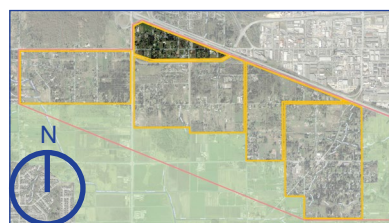


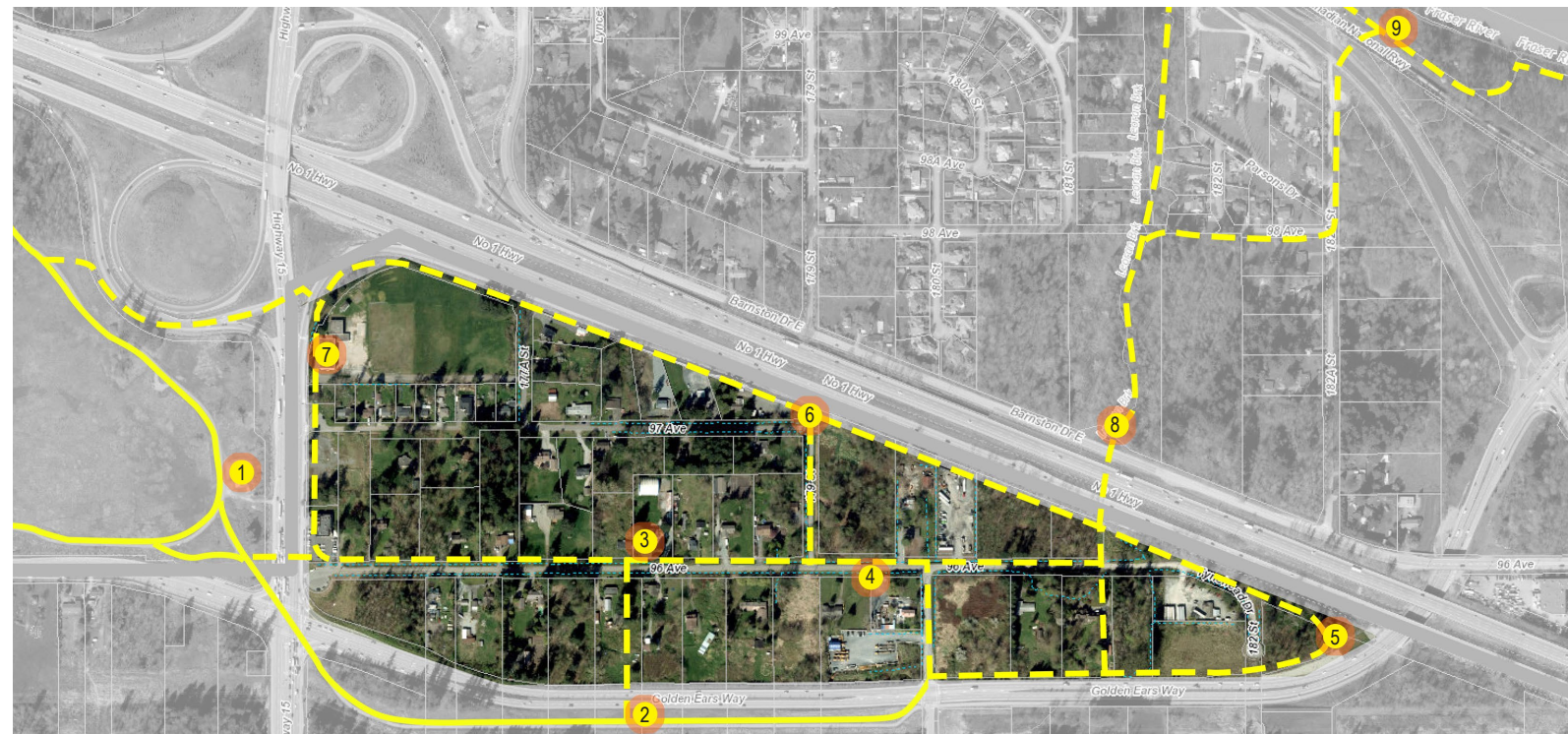
Figure 4: 96 Avenue



Figure 5: Intersection of Trans-Canada Highway and Golden Ears Way



Figure 6: Trans-Canada Highway



The site is located on the intersection of Pacific highway and Trans Canada line with Golden ears way on its south. The bike route is designed with an aim to connect the Tynehead park and the Fraser river. The tour is a transitional experience of different environment with respect to urban fabric and sense of place. The Tynehead park has various trails and viewing platforms which makes it an ideal place for recreation and gathering. These trails lead to a low density neighborhood comprising of single family houses and light industries. The loops structure around the neighbourhood then connects to the Leoran brook creek with a dramatic slope in northern direction. The Leoran creek is a fish habitat which ultimately feeds the Fraser river. The path along this creek creates a human intimacy with nature. The bike route along the Fraser riverfront is an escape from the built. The entire experience is enhanced by the view of distant mountains, bridges and the river.



Figure 7: Anniedale Traditional School



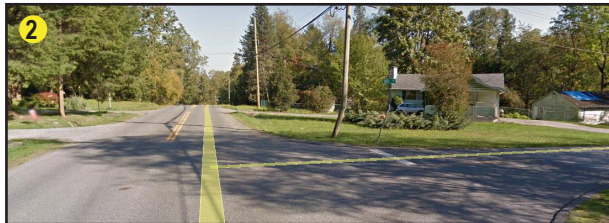
Figure 8: Leoran Creek



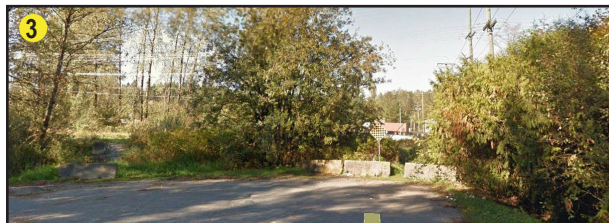
Figure 9: Canada National Railway



This is the starting point of our tour, and it is also the entrance of the Trans-Canada Highway



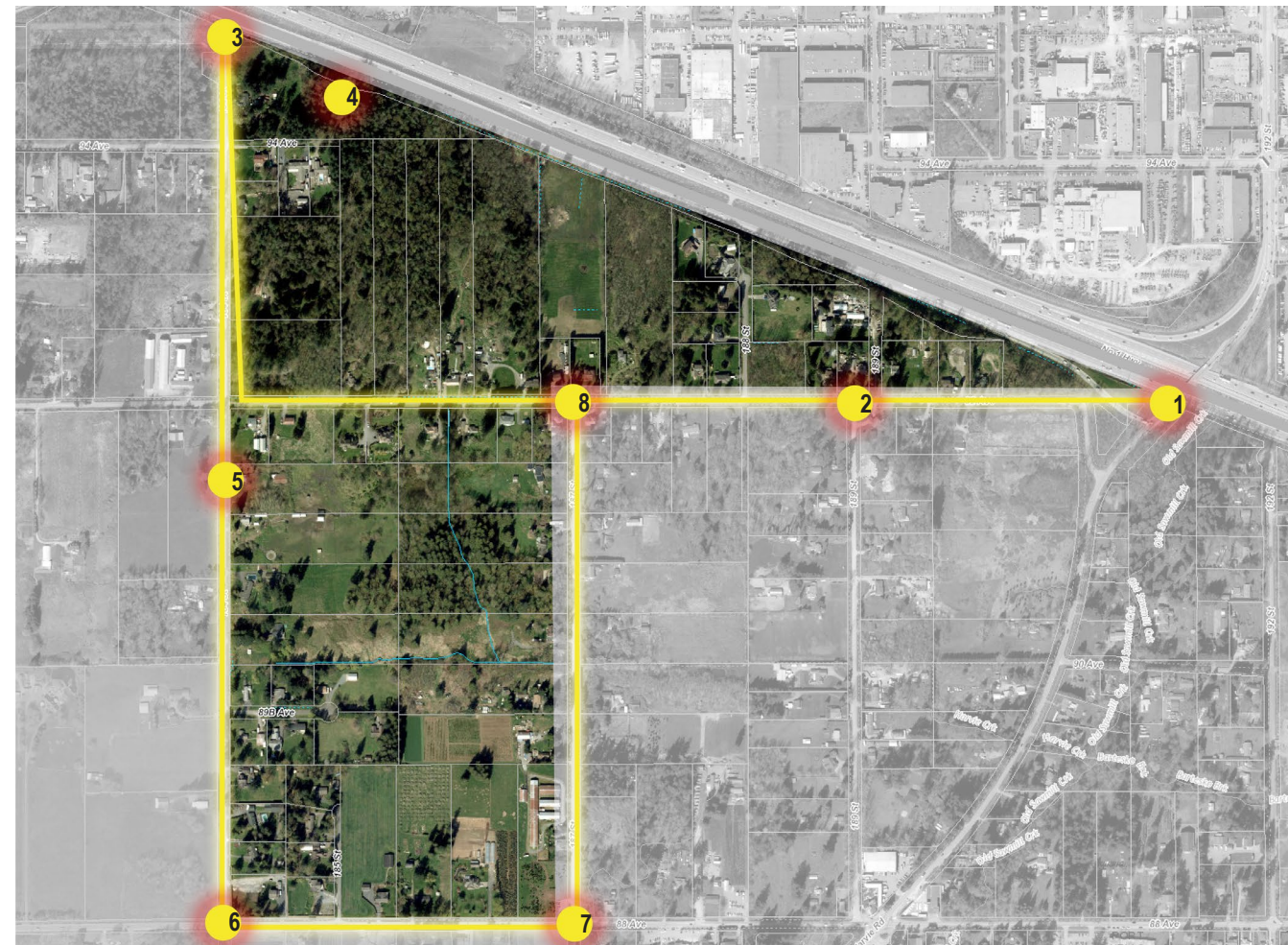
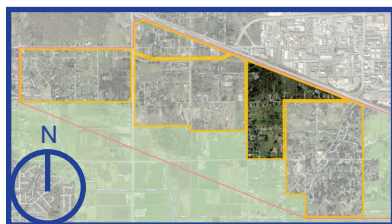
The first intersection on the bike tour between 189 Street and 92 Avenue.



Cul-de-sac shows the realm between the highway and inner neighbourhood of the site.



Charlie's tree was a cultural feature valued by the community in remembrance of a pilot.



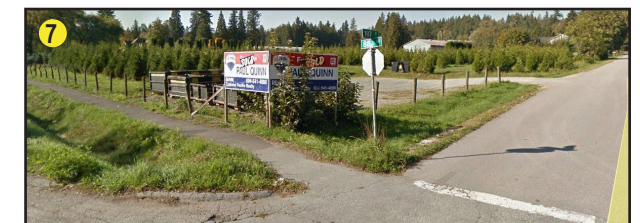
This site is located in the Guildford area of North Surrey, and it is bound by the Trans-Canada Highway from the north, 88 Avenue from the south, 184 Street from the west and 187 Street from the east. 92 Avenue cuts through the middle of the site. The virtual bike tour in our study area aims to showcase major points of interest and opportunities within the site. These locations mainly include significant intersections, the gradual change in land elevation, a community celebrated memorial tree, and the configurations in which private realm is separated from the public realm. In this site, there is a strong consistency in the tree canopy wall on the edges of arterials. Another feature of this site is that there is very clear distinguish between private space and public space. The main challenge is the accessibility to the site from the highway, since it is restricted to turn right from the highway exit. This makes it challenging for people to access the site from the highway's exit directly. Overall the site emphasizes strong natural features and holds potential to act as an extension to the adjacent industrial land with the co-existence of residential land uses.



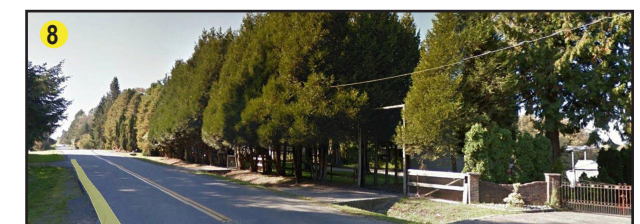
The western edge of the site has a gradual slope with tree canopy on its edges.



Intersection at 88 Ave and 184 Street displays a private lot with fencing around it.



Intersection at 88 Ave and 187 Street displays an open private lot.



92 Avenue, a major street going through the site expressed by the consistent tree canopy.

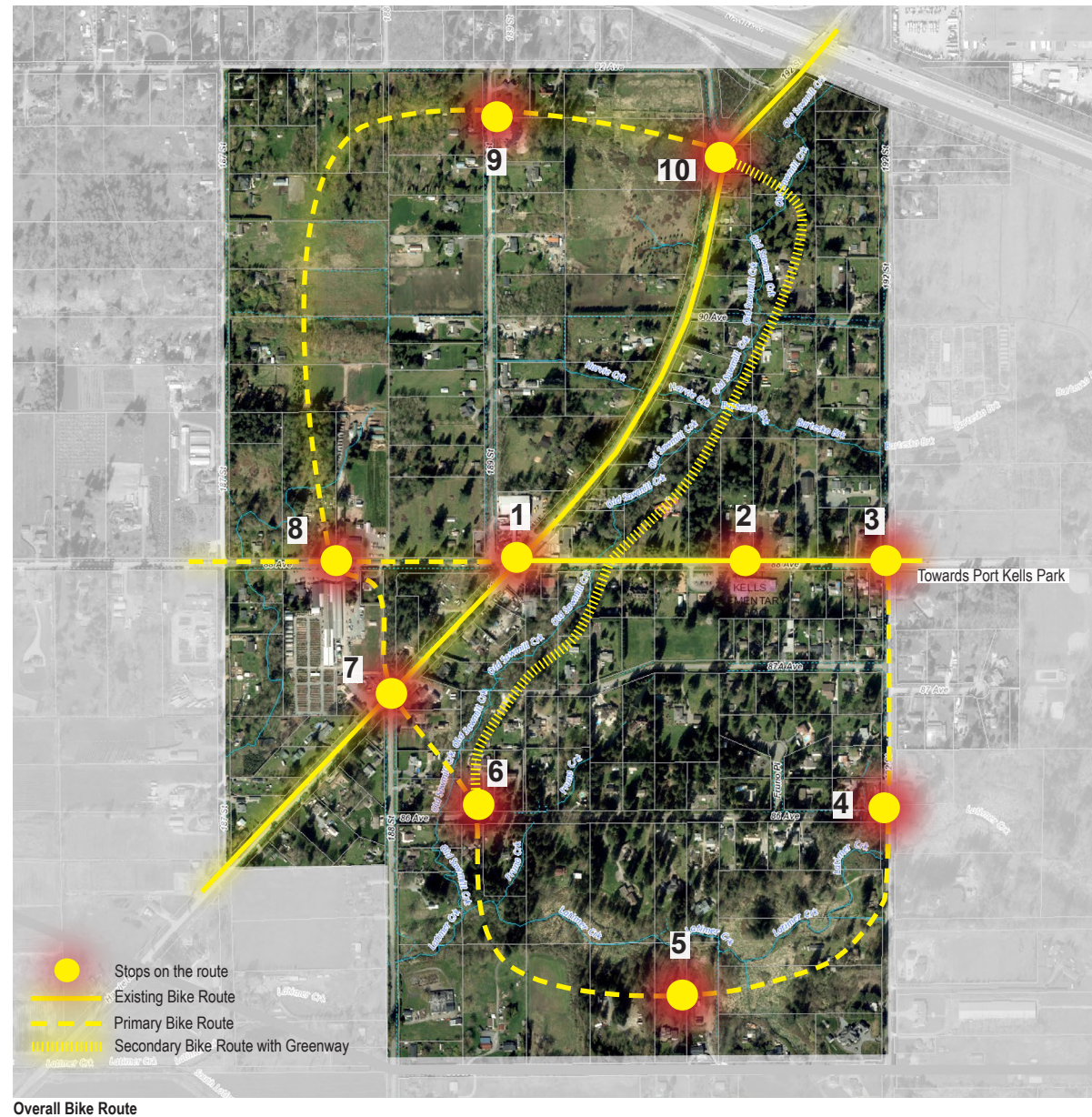
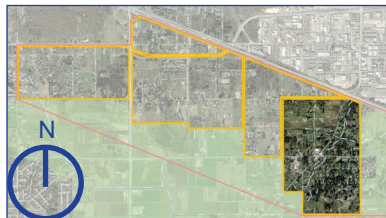
The site is at the 'Port Kells' neighborhood and located on the south of highway 1. Historically significant Harvie Road runs diagonally through the site, while 88 Ave runs through the centre of the site in east-west direction. The intersection of 88 Ave and Harvie Rd holds the most important community buildings and heritage sites and is a potential growth centre for future. The presence of two major creeks, 'Latimer Creek' and 'Old Sawmill Creek' and several smaller creeks gives the landscape a unique identity and creates opportunity for connectivity. The concept of the bike route is to highlight the distinguished neighborhood characteristics by connecting the local amenities and community facilities, natural areas (forested lands, riparian buffers and creeks), heritage sites and residential areas of the neighborhood so that a faster alternate mode of transportation is achieved under an urban neighborhood framework. The Bike Route starts from the intersection of 88 Ave and Harvie Road and ends at the same after creating a clockwise loop. The Harvie Rd is a 'shared traffic bike route', designated by the City of Surrey. Our



Figure 1. Stop 1- Intersection of Harvie Rd & 88 Ave that holds most of the heritage sites, (a) showing Port Kells Ace Building Center and Port Kells Hall & Association and (b) showing commercial activity on the node.



Figure 2. Stop 2 - Community and heritage buildings of different characteristics along 88 Ave: (a) Port Kells Elementary, (b) Port Kells Church and (c) Stop 8- Port Kells Nurseries.



Overall Bike Route

proposal is to redesign it as a dedicated bike lane to prioritize bicycle traffic. The 88 Ave has several community institutions and heritage sites on it. The bike route on it would be continuous on the East and West, connecting the institutions to Port Kells Park on the East outside of the site. After stops 1, 2 and 3, the route goes through the residential areas of the neighborhood. From stop 4 to stop 7, the route goes off road and follows the streamside green buffer. From stop 7 towards stop 10, the route goes through the neighborhood whereas stop 10 and stop 6 is connected through a secondary bike route integrated with a proposed greenway. The route finally terminates at stop 1, which is expected to be the growth centre for the neighborhoods.



Figure 3. Stop 4- Intersection of 86 Ave & 192 St, where Latimer Creek runs below the Street. The bike route runs along 192 St through the neighborhood, just adjacent to the Port Kells Park on 88 Ave.



Figure 4. (a) Stop 5 & 6- Bike route beside the Latimer Creek (Source: Surrey Bike Route Map <https://www.surrey.ca/files/BikeRouteMapinsertsandinfo.pdf>), (b) Stop 10- Intersection of Harvie Rd and 192 St showing the natural landscape that the route will cut through.

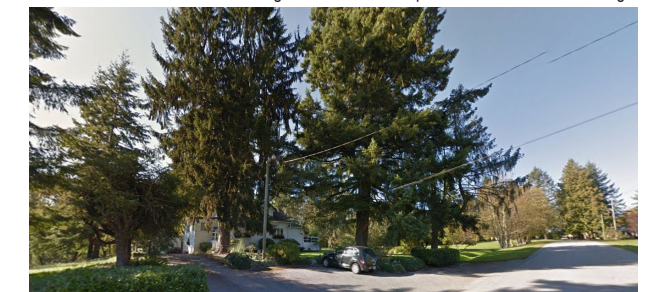


Figure 5. Stop 9- The stop shows the detached residential characteristics on 189 St with large plot and forested frontyards. This stop also holds a few heritage buildings.