

CITY OF NEWTON

IN BOARD OF ALDERMEN

PUBLIC FACILITIES COMMITTEE AGENDA

WEDNESDAY, SEPTEMBER 23, 2009

**7:45 PM
ROOM 209**

CHAIRMAN'S NOTE: There will be an update on the streetlight conversion project.

ITEMS TO BE DISCUSSED:

- #224-06(2) ALD. LINSKY, ALBRIGHT & JOHNSON, BAKER & SCHNIPPER requesting further deliberation on the conditions set forth in the Site Plan Approval Board Order relating to the Newton North High School project, considering possible expansion and modification of the conditions.
- #284-09 COMMISSIONER OF PUBLIC WORKS requesting Board of Aldermen approval to remove the traffic island at the intersection of Walnut Street and Hull Street and to construct associated traffic safety improvements at this location in accordance with Condition #4 of Board Order #224-06. [09-15-09 @ 4:54 PM]
- #175-09 PUBLIC FACILITIES COMMITTEE requesting monthly updates from the Department of Public Works on the Commonwealth Avenue project. [06-03-09 @ 10:30 PM]
- #126-09 ALD. LAPPIN requesting an update on the status of repairs and rental of the Kennard Estate. [04/17/09 @ 2:49 PM]
- #385-07 ALD. SCHNIPPER AND GENTILE updating the Public Facilities Committee on the progress of the Newton North High School Project. [11/21/07 @ 10:23 AM]

ITEMS NOT SCHEDULED FOR DISCUSSION:

Public Hearing assigned for October 7, 2009:

- #280-09 20 DRUMLIN ROAD REALTY TRUST petitioning for a common sewer main to be constructed in DRUMLIN ROAD from the existing sewer manhole in Drumlin Road 140' ± in a northeasterly direction to a proposed manhole in Drumlin Road. (Ward 8) [09-09-09 @ 3:28 pm]
PETITIONER TO PAY ENTIRE COST

Public Hearing assigned for October 7, 2009:

- #281-09 VERIZON COMMUNICATIONS petitioning for a grant of location to install and maintain 1068' ± of 1^{3/4}" micro duct and hand holes in the south side of BIGELOW ROAD from Pole #75 northerly and thence northeasterly on ESTABROOK ROAD to five new hand holes (24" x 36") which will be located in front of 120 Bigelow Road, 9, 10, 19 and 24 Estabrook Road to provide new FIOS service.

Public Hearing assigned for October 7, 2009:

#282-09 VERIZON COMMUNICATIONS petitioning for a grant of location to install and maintain 800' ± of 1^{3/4}" micro duct and hand holes in the south side of ALDERWOOD ROAD to four new hand holes (24" x 36") which will be located in front of 19, 20, 33 and 34 Alderwood Road to provide new FIOS service.

Public Hearing assigned for October 7, 2009:

#283-09 VERIZON COMMUNICATIONS petitioning for a grant of location to install and maintain 595' ± of 1^{3/4}" micro duct and hand holes in the south side of MONADNOCK ROAD to four new hand holes (24" x 36") to be located in front of 106, 112, 121 and 129 Monadnock Road and also on the northerly side of HAMMOND STREET from existing Pole 14 place 1436' ± of 1^{3/4}" micro duct southerly onto TUDOR ROAD and thence turning westerly onto MONADNOCK ROAD to five new hand holes (24" x 36") which will be located at front of 11 and 27 Tudor Road and in front of 137, 150 and 155 Monadnock road to provide new FIOS service.

#239-09 ALD. PARKER requesting a resolution be sent to His Honor the Mayor requesting that the Rumford Avenue Recycling Center be reopened as soon as possible. [07/07/09 @ 12:45 PM]

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

#288-09 HIS HONOR THE MAYOR requesting to appropriate and expend one million four hundred thousand dollars (\$1,400,000) from bonded indebtedness for the purpose of funding the installation of four modular classrooms at the Oak Hill Middle School and for design work for modulars at the Day Middle School. [09/15/09 @ 1:28 PM]

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

#289-09 ALD. PARKER requesting development of a property tax rebate program for households that opt for smaller trash containers. [09/08/09 @ 10:57 AM]

RECOMMITTED TO FINANCE AND PUBLIC FACILITIES ON 09-08-09

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

#179-09 HIS HONOR THE MAYOR requesting to appropriate and expend from bonded indebtedness the sum of four hundred five thousand dollars (\$405,000) to Department of Public Buildings for the purpose of replacing two underground fuel tanks at the Crafts Street DPW yard. [06-09-09 @ 5:08 PM]

**FINANCE APPROVED AS AMENDED @ \$310,000 5-2 (Gentile and Parker opposed; Johnson not voting), SUBJECT TO 2ND CALL
PUBLIC FACILITIES APPROVED (A) \$310,000; HELD (B) \$143,000 7-1**

#174-09 ALD. YATES proposing a Resolution to the Public Buildings Commissioner urging that the City apply for funding through the Fire Station Reconstruction Program established by the American Recover and Rediscovery Act for the reconstruction of the next scheduled fire station.

- #127-09 IRA KRONITZ requesting that the Board of Alderman rescind Board Order #289-03(4) dated November 20, 2006, relating to roadway modification plans for curb-line geometry changes to calm traffic at the intersection of Daniel and Jackson Streets. [04/28/09 3:48]
- #289-03(6) JOHN S. MAYPOLE proposing a Resolution to the Commissioner of Public Works to install curb-line geometry at the intersection of Daniel and Jackson Streets as originally designed by the Traffic Engineer and approved by the Board of Aldermen on November 20, 2006.
- #112-09 ALD. YATES requesting the City seek energy conservation funds from the American Re-Investment and Recovery Act to replace the energy inefficient boiler at the Emerson Community Center.
- #111-09 ALD. ALBRIGHT AND MANSFIELD requesting discussion of recent information (made available to the Land Use Committee) from NStar related to double poles, focusing on the 350 double poles waiting only for removal of wires or streetlights by the City of Newton.
- #82-09 ALD. SANGIOLO requesting the Executive Department apply for the Massachusetts Department of Energy Resource's Energy Audit Program for any and all municipal and school building facilities. [03/03/09 @ 1:19 PM]

REFERRED TO PS&T, PUBLIC FACILITIES AND FINANCE COMMITTEES

- #60-09 ALD. SANGIOLO, GENTILE AND HARNEY requesting the installation of traffic islands on CONCORD STREET to be funded with the Cabot, Cabot and Forbes Traffic Mitigation Fund for Lower Falls (Ward 4). [02/03/09 @ 1:01 PM]

RECOMMITTED TO FINANCE AND PUBLIC FACILITIES ON 02-17-09

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

- #13-09 HIS HONOR THE MAYOR requesting authorization to appropriate and expend three hundred eighty-five thousand dollars (\$385,000) from bonded indebtedness to the Public Works Department for the purpose of replacing both the salt shed and the Quonset hut at Crafts Street. [12/30/08 @ 5:04 PM]
PUBLIC FACILITIES APPROVED 4-0-2 (Ald. Gentile and Mansfield abstaining) on 01-07-09
FINANCE APPROVED 2-1-3 (Ald. Gentile opposed; Ald. Parker, Lennon and Freedman abstaining) on 02/09/09

REFERRED TO PUBLIC FACILITIES AND PROGRAMS & SERVICES

- #8-09 ALD. HESS-MAHAN LINSKY, ALBRIGHT, FREEDMAN, MANSFIELD, JOHNSON, HARNEY & VANCE proposing an ordinance requiring that the installation of synthetic in-filled turf athletic fields on city-owned property shall use sustainable, recyclable, lead-free, non-toxic products to the maximum extent feasible. [12/30/08 @9:55 AM]

- #457-08 ALD. LAPPIN AND SALVUCCI requesting discussion with NStar regarding the timely repair of City streetlights and the development of a standard response timeframe. [11/20/08 @ 12:51 PM]
- #368-08 ALD. LINSKY requesting approval of the Board of Aldermen of the design for improvements affecting the area where Walnut Street, Lowell Avenue and Watertown Street intersect including a traffic island, curb extensions and the dead ending of Lowell Avenue. [10/14/08 @ 12:53 PM]
- #309-08 ALD. BAKER AND DANBERG requesting a discussion with the Commissioner of Public Works regarding street signage at intersections as well as signage and house number visibility in order to assist citizens and public safety personnel in locating addresses.
- #297-08 NSTAR ELECTRIC COMPANY petitioning for a grant of location to relocate Pole #223/5 on the westerly side of IRVING STREET ± 129' north of Commonwealth Avenue (Ward 7). [07/21/08 @ 11:02 AM]

REFERRED TO PROG. & SERV. AND PUBLIC FACILITIES COMMITTEES

- #271-08 ALD. JOHNSON proposing a RESOLUTION to His Honor the Mayor requesting that he work with the Board of Aldermen, the Parks and Recreation Department, and the Department of Public Works in order to determine the most effective and efficient way to organize the work of managing our public resources. [07/17/08 @ 9:53 AM]
- #241-08 ALD. SCHNIPPER requesting an update on the progress of the design for the reconstruction of Needham Street. [6/13/08 @ 11:45 AM]
- #208-08 ALD. GENTILE, SALVUCCI AND SCHNIPPER requesting a discussion on establishing a permanent Building Committee in the City of Newton. [05/16/08 @ 11:47 AM]

REFERRED TO COMMUNITY PRESERVATION & FINANCE COMMITTEES

- #147-08 COMMUNITY PRESERVATION COMMITTEE recommending that the sum of \$359,400, including \$2,000 for legal costs, be appropriated from the FY'08 Community Preservation Fund's historic resources and general reserves, for a project to rehabilitate and expand storage space for the research library and archives at the Newton History Museum, to preserve the existing collections, and enhance public access to the collections. [04/01/08 @ 4:10 PM]
COMMUNITY PRESERVATION APPROVED 6-0 on 4-29-08

REFERRED TO PROG. & SERV., PUB.FAC. AND FINANCE COMMITTEES

- #89-08 ALD. PARKER requesting the following:
- A) review of the maintenance practices for buildings, parks and other properties owned by the City (including School Department facilities and grounds)
 - B) development of a comprehensive maintenance plan that includes regular schedules for preventive maintenance for each specific site or facility

- C) a RESOLUTION requesting that implementation of said maintenance plan be funded using operating budget funds. [02/13/08 @ 12:07 PM]

Re-appointment by Board President

#50-08 PRESIDENT BAKER recommending Joseph Michelson, 94 Park Avenue, Newton be re-appointed as an Aldermanic appointee to the DESIGNER SELECTION COMMITTEE, term of office to expire 12/31/09. [01/17/08 @ 3:48 PM]

Re-appointment by the Board President

#48-08 ALD. BAKER recommending Lawrence Bauer, 42 Eliot Memorial Road, Newton, be re-appointed as an Aldermanic appointee to the DESIGNER SELECTION COMMITTEE, term of office to expire 12/31/09. [01/17/08 @ 3:48 PM]

Re-appointment by Board President

#46-08 PRESIDENT BAKER recommending Robert O. Smith, P.E., 55 Chester Street, Newton Highlands be re-appointed as an Aldermanic appointee to the DESIGN REVIEW COMMITTEE, term of office to expire 12/31/09. [01/17/08 @ 3:48 PM]

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

#31-08 ALD. COLETTI proposing a RESOLUTION to His Honor the Mayor expressing a no confidence vote pertaining to the current status of the Newton North High School Construction Project and related Financing Plan. [01/15/08 @ 11:14 AM]

ITEM RECOMMITTED TO PUBLIC FACILITIES AND FINANCE ON 6/19/08

REFERRED TO PUBLIC FACILITIES AND FINANCE COMMITTEES

#11-08 HIS HONOR THE MAYOR requesting an appropriation in the amount of \$1,200,000 from bonded indebtedness for the purpose of funding the installation of four modular classrooms. [01/02/08 @ 4:53 P.M.]

B) \$1,225,000 from bonded indebtedness

NOTE: Letter received from Mayor on 1/4/08 requesting that appropriation amount be amended to \$1.3 million. Letters received 5/7 and 5/21 requesting that the funding source to capital stabilization for costs incurred for design work and the remaining \$1,225,000 from bonded indebtedness be voted no action necessary. Part A) \$75,000 from Capital Stabilization approved on 6/19/08.

#352-07 ALD. SANGIOLO AND PARKER request Turner Construction, Project Manger for the Newton North High School Project and the DEP representative overlooking this project to discuss the issues and concerns raised regarding asbestos removal, transportation and disposal for the Newton North site and also information on 5,000 cubic feet of loam being removed to the Elliot Street and Rumford Avenue Yards. [10/17/07 @ 11:54 AM]

#351-07 ALD. PARKER AND SALVUCCI requesting that the Department of Public Works create an inventory and inspection regimen of bridges and culverts less than 20' in length and develop a maintenance plan for all city-owned bridges including those over 20', as recommended by the Undersecretary of Public Works at the Executive Office of Transportation, Robert Rooney. [10/17/07 @ 12:11 PM]

- #253-07 ALD. LINSKY ALBRIGHT, JOHNSON, HARNEY, SANGIOLO, SALVUCCI, MANSFIELD, BURG, SCHNIPPER requesting (1) a review as to how provisions of applicable ordinances, specifically 5-58, were implemented during the course of the Newton North project, and (2) consider proposed revisions of 5-58 including, but not limited to:
- (a) timely provision of documentation by the public building department to the Board of Aldermen and Design Review Committee;
 - (b) establishment of liaison committees to facilitate communications and input from neighborhoods affected by projects subject to this ordinance;
 - (c) approval of final design plans by the Board of Aldermen of projects subject to this ordinance;
 - (d) oversight during the construction phase of projects subject to this ordinance by appropriate Board committee(s) both in respect to approval of change orders as well as design changes; and
 - (e) generation of a required record detailing the entire construction process by the public building department to guide present and future oversight of projects subject to this ordinance. [08/07/07 @ 3:12 PM]
- #54-07 ALD. SANGIOLO requesting discussion with the School Department and the Public Buildings Department about giving the School Department increased control over maintenance of school building facilities thereby allowing the School Department to have direct authority to deploy/hire staff to make necessary repairs to their school facilities. [02/09/07 @ 1:46 PM]
- #451-06 KEYSPAN ENERGY petitioning for a grant of location to install and maintain 450' ± of 8" gas main in HULL STREET from the existing 8" gas main in Hull street at 90 Hull Street easterly to the existing 6" gas main in Hull Street at 60 Hull Street. All of which is to replace the existing 4" gas main in Hull Street, which is to be abandoned. [11/15/06 @ 11:19 AM]
- #345-06 ALD. SCHNIPPER requesting that the contingency on smaller Public Buildings projects be increased from 5% to at least 8%.
- #294-06 ALD. SAMUELSON requesting creation of a method for the collection of parking meter receipts to ensure maximum collection.
- #280-06 ALD. SANGIOLO proposing an Ordinance to create a Building Committee made up of Finance, Construction and Building experts in addition to several Aldermen to oversee construction and renovation projects in all municipal buildings.
- #226-06 ALD. LINSKY requesting discussion of initiatives in respect to monitoring of water meter readings to better inform water and sewer users of significant increases in usage.
- #178-06 ALD. SCHNIPPER, LINSKY AND ALBRIGHT requesting a report on the commissioning of Newton South High School.

- #159-06 PRESIDENT BAKER & ALD. SCHNIPPER presenting the City of Newton Energy Action Plan for review and such action that may be appropriate by the Board of Aldermen.
- #155-06 JAMES A. BLACKBURN, 105 Wood End Road, Newton Highlands petitioning for laying out, grading and acceptance of WOOD END ROAD as a public way from the intersection of Mountfort Road westerly to the intersection of Nantucket Road (a distance of 360'±) to be the width of 45'.
- #152-06 PS&T COMMITTEE requesting discussion re Road Classification Design Types (as outlined by the Planning and Development Department) for future use as an overall management tool for the City.
- #84-06 COMMISSIONER OF PUBLIC WORKS requesting a waiver from the Board of Aldermen of surfacing materials used on the sidewalk of a public way in front of 161 Pond Brook Road, as provided in §26-47 of the City of Newton Ordinances.
- #424-05 ALD. SANGIOLO & HARNEY requesting an update from the School Department regarding the energy audit that was begun during last year's budget review.
- #467-04 ALD. YATES AND SCHNIPPER requesting a response from the Commissioner of Public Works to the findings of the Environmental Protection Agency that pollution enters the Charles River from Newton.
- #386-04 ALD. SANGIOLO, HESS-MAHAN, JOHNSON, AND DANBERG proposing an ordinance to require that designers selected have LEED certification and include high performance/life cycle analysis for all municipal construction projects in the City of Newton.

ITEM REFERRED BY PUBLIC SAFETY & TRANSPORTATION:

- #321-04(2) ALD. JOHNSON requesting a RESOLUTION to His Honor the Mayor requesting that he expeditiously as possible find funding to create traffic calming measures on Mill Street as requested by the Traffic Council.
- #246-04 COMMISSIONER OF PUBLIC WORKS requesting approval of the 25% design plan submittal for Walnut Street from Homer Street to Centre Street including a small section of Centre Street to Route 9.
- #178-04(2) ALD. LAPPIN requesting an update on progress and implementation of the construction information database.
- #104-04 ALD. YATES requesting a report from the Chief of Police as to how the ordinance prohibiting the blockage of sidewalks with snow can be more easily enforced.

REFERRED TO PUB FAC. AND PUB SAF & TRANS. COMMITTEES

#35-04 ALD. SAMUELSON AND DANBERG requesting an ordinance amendment to Section 26-8 of the City of Newton Revised Ordinances, 2001 to require all property owners or residents to remove snow from sidewalks abutting their property.

#522-03 ALD. PARKER AND LENNON requesting an ordinance amendment to improve enforcement related to snow removal.

REFERRED TO PROG. & SERV., PUB. FAC. AND FINANCE COMMITTEES

#309-01 ALD. PARKER requesting increase in the income eligibility level of the 30% water/sewer discount for low-income senior citizens.

94-99 RALPH S. ROBART 28 Richardson Road, Petition for Laying Out, Grading, and Acceptance of RICHARDSON ROAD from Route 9 northerly 180'+ to be the width of 30 feet.

Respectfully submitted,

Sydra Schnipper, Chairman

NNHS Site Plan Approval: Traffic/Parking Conditions

Clint Schuckel

City Traffic Engineer

City of Newton Public Works Department
Engineering Division

Public Facilities Committee

June 17, 2009

Site Plan Board Order # 224-06

There are 7 traffic/parking-related conditions for a “comparative design”:

- ✓ 3d: Elm Road: \leq 30 feet wide for max. buffers (2/6/08)
- ✓ 3e: Lowell Ave: drop-off area or alt. vehicle entrance, Elm Rd: alt. traffic patterns (2/6/08)
- ✓ 3f: Hull St: create drop-off areas (2007)
- ✓ 3j: Walnut St: create alt. bus drop-off area (2007)
- ☺ **4: Walnut St: safety improvements Mill to Cabot**
- ☺ **5: Walnut St/School Driveway signalization**
- ✓ 7: School Driveway: No added parking spaces (2007)

Follow-up from last meeting

- Fire Department evaluation of alternatives
- Identify funding sources (via Mayor)
 - Walnut/Trowbridge + Walnut/Elm/Cabot: owner's construction contingency, included w/in GMP
 - Walnut/Hull: to be determined by Law Dept
- Modify curb radii to allow raised delta island
 - Does not require site plan amendment
- Combine raised delta island + warning signals

Walnut St @ Hull St

Kirkstall

503

90 feet

508

515

Hull St

Walnut St




SEE OUR C & CO. WEBSITE @ CHEVROLET.COM
HULL ST. - WALNUT ST. INT.
SCALE: 1" = 16' DECEMBER 2011



Kirkstall

503

Hull St



~41 feet

508

515

Walnut St



SEE CURVE AND INTERSECTION WARNINGS FOR AHEAD

HULL ST. - WALNUT ST. INT.

SCALE: 1" = 16'

DECEMBER 2011



503

18,227 S.F. EXISTING LOT AREA
850 S.F. +/- PROPOSED "GREEN AREA"

HAY BALES REQ'D

ONE WAY HULL ST.

WALNUT ST.

508

515



HULL ST. - WALNUT ST. INT.
SCALE: 1" = 16'
DECEMBER

Project cost estimate = \$35,000

Walnut St @
Trowbridge / NNHS Drive

Walnut/NN driveway/Trowbridge Ave Alternatives (2/4/09)

- Alt 1: No signal, no turn restrictions
- Alt 1A: Pedestrian-activated warning signal (3/18/09)
- Alt 1B: Pedestrian-activated warning signal, w/ raised delta island (6/17/09)
- Alt 2: Mid-block pedestrian crossing signal, no turn restrictions
- Alt 3: Mid-block pedestrian crossing signal, w/ delta island
- Alt 3A: Mid-block pedestrian crossing signal w/ median island (3/18/09)
- Alt 4: Full signal, no turn restrictions
- Alt 5: Full signal, w/ no side street thru movement
- Alt 6: Full signal, w/ flush delta island
- Alt 6A: Full signal, w/ raised delta island (6/17/09)

Fire Dept Comments

- Primary response from Station 4, Crafts/Watertown
 - Southbound Walnut
- Other stations may also respond, and could arrive before Station 4, so emergency vehicle access from ALL directions is critical
- Fire Dept opposes raised islands at the Walnut/Trowbridge/School Drive because access from northbound Walnut is adversely impacted (via Asst. Chief Proia)

Crosswalk only



Alt 1



Warning signals

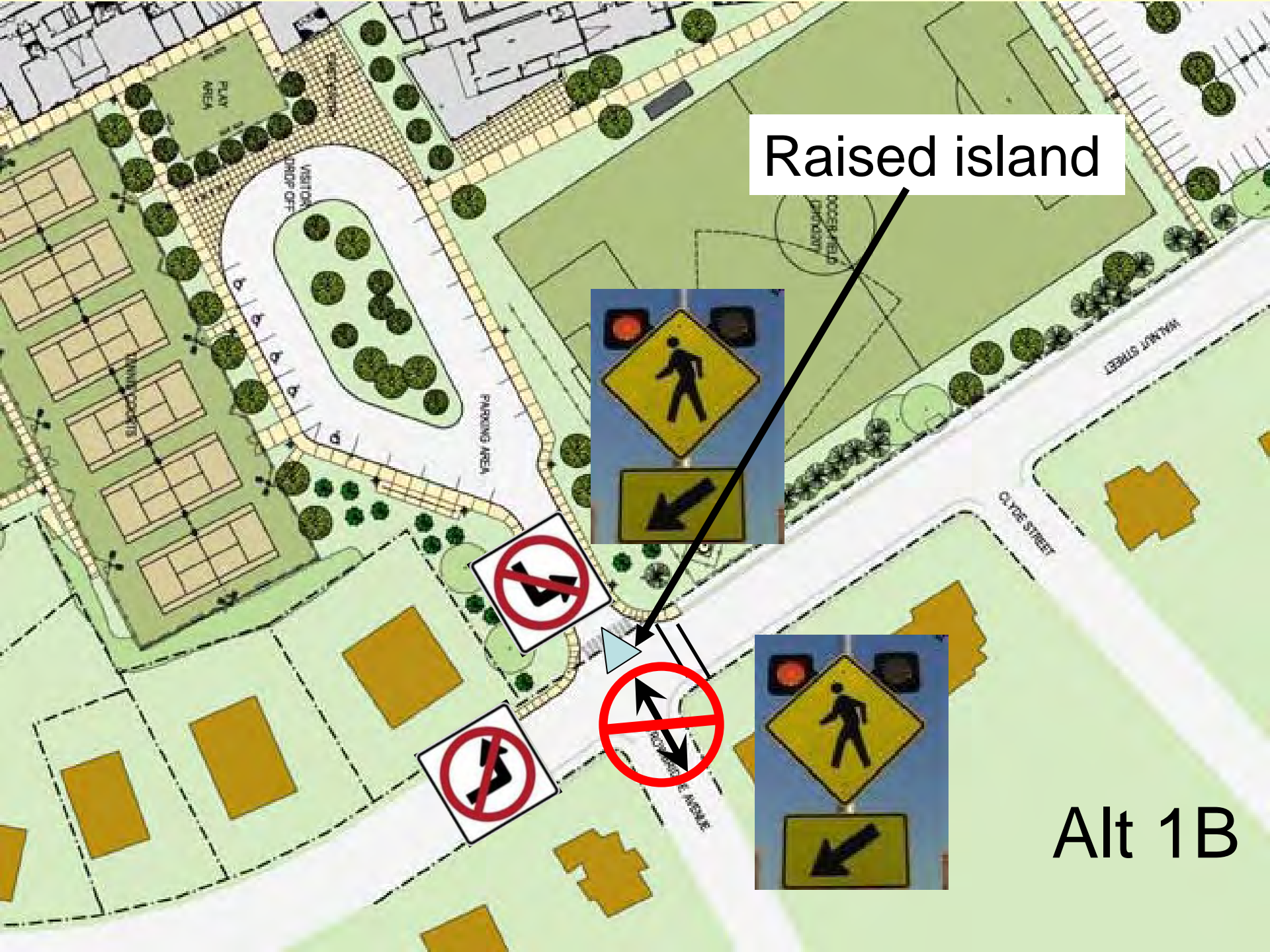


Alt 1A

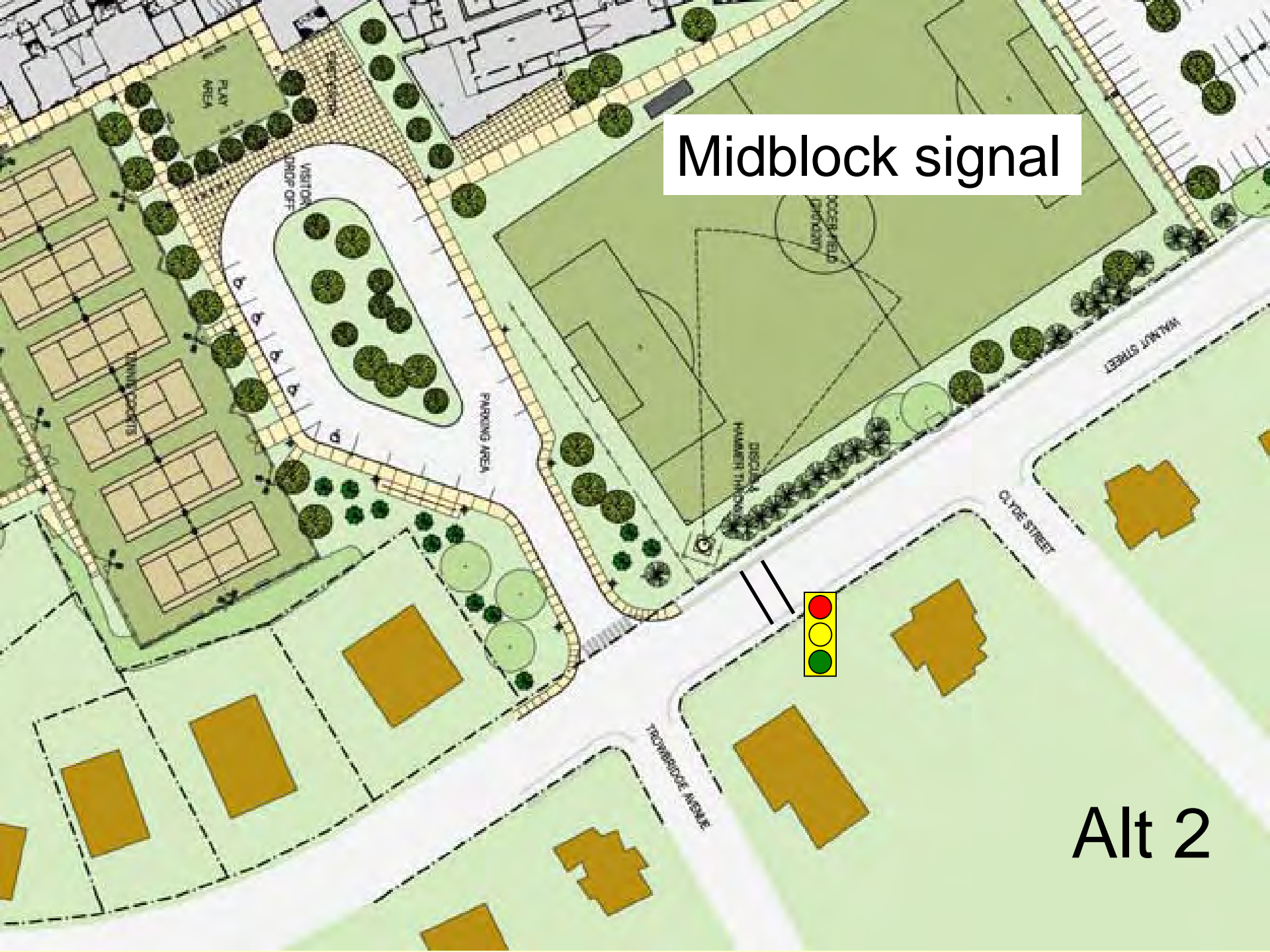
Raised island



Alt 1B

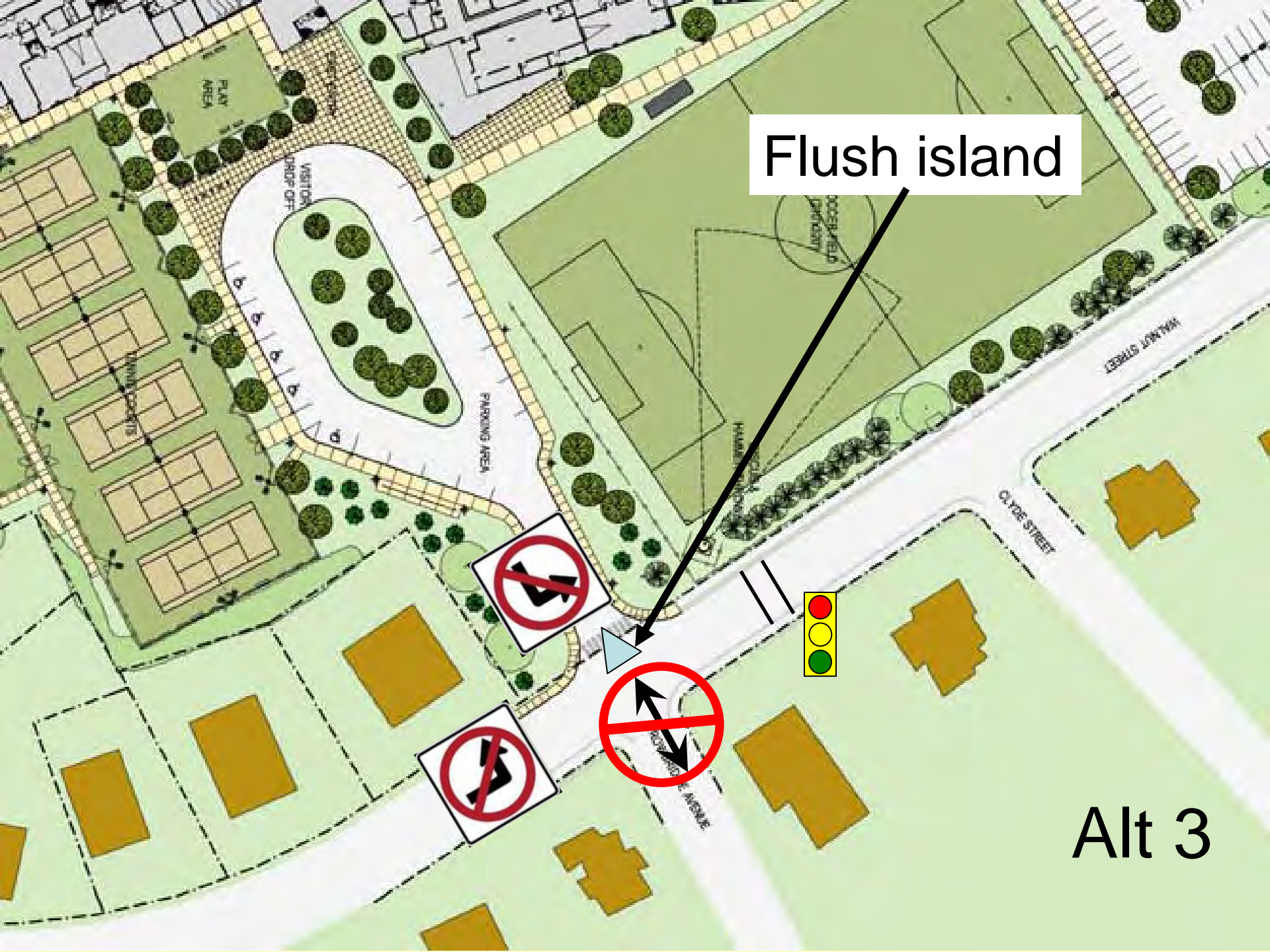


Midblock signal



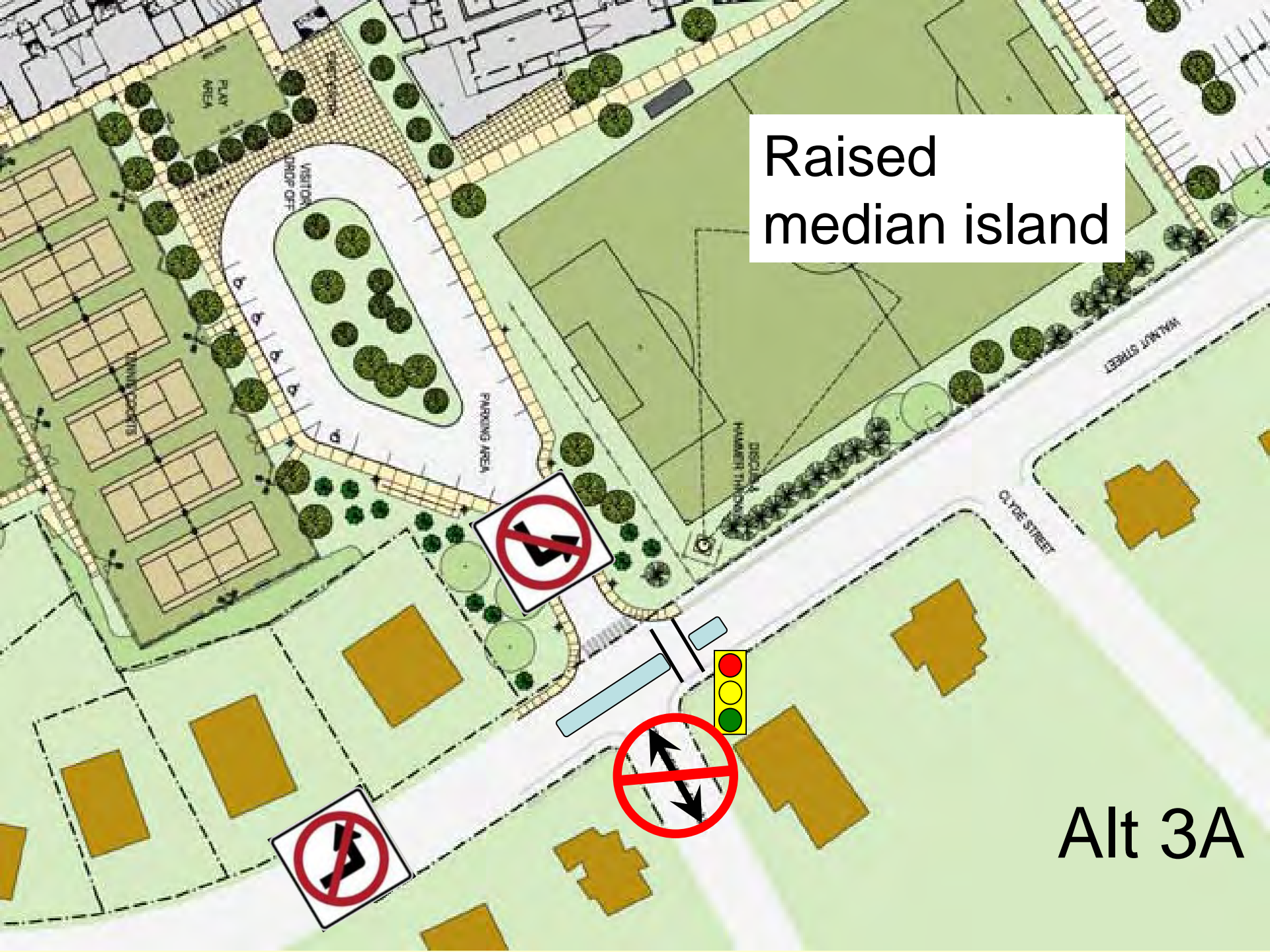
Alt 2

Flush island



Alt 3

Raised
median island



Alt 3A

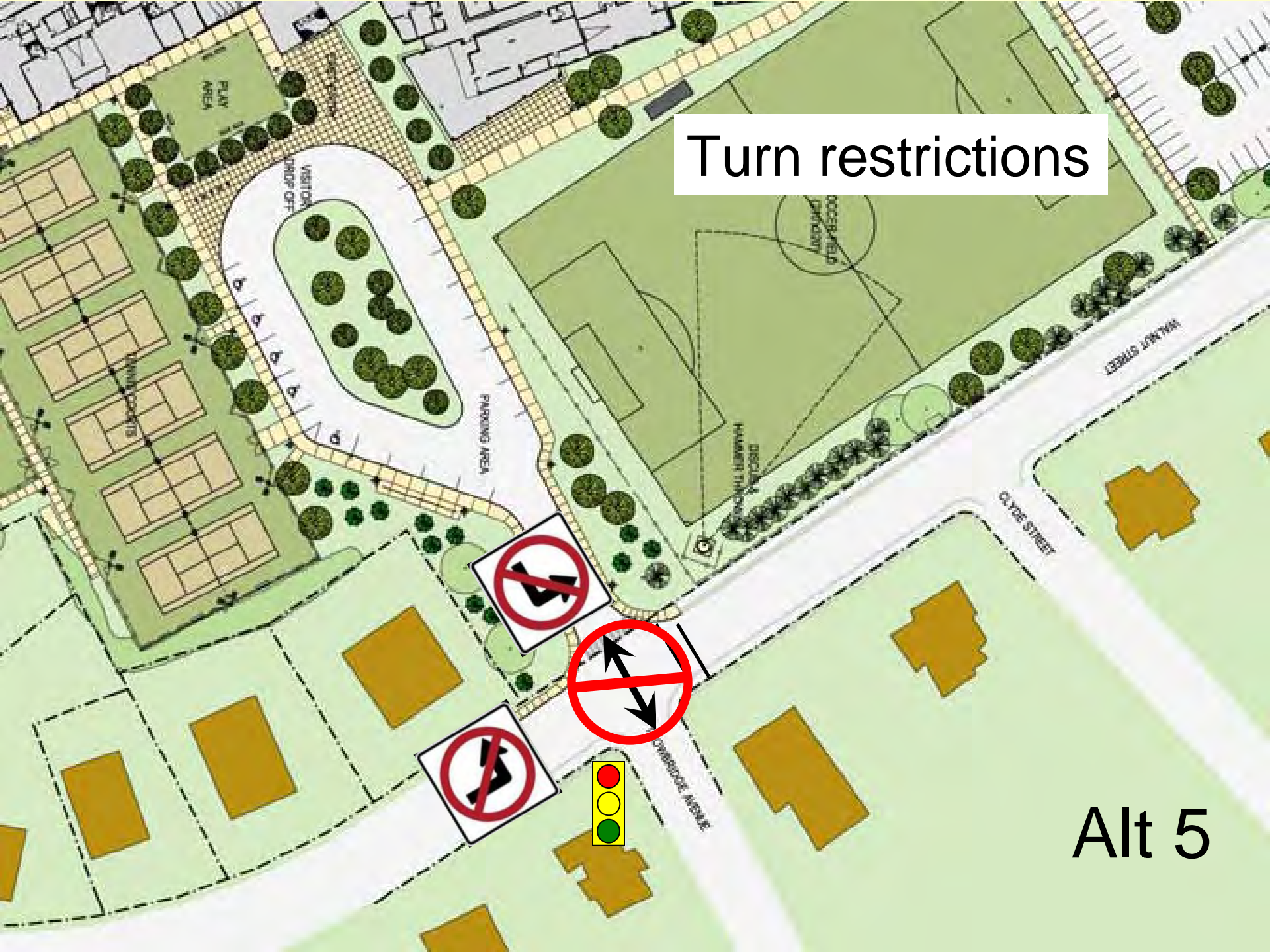
No turn restrictions



Alt 4

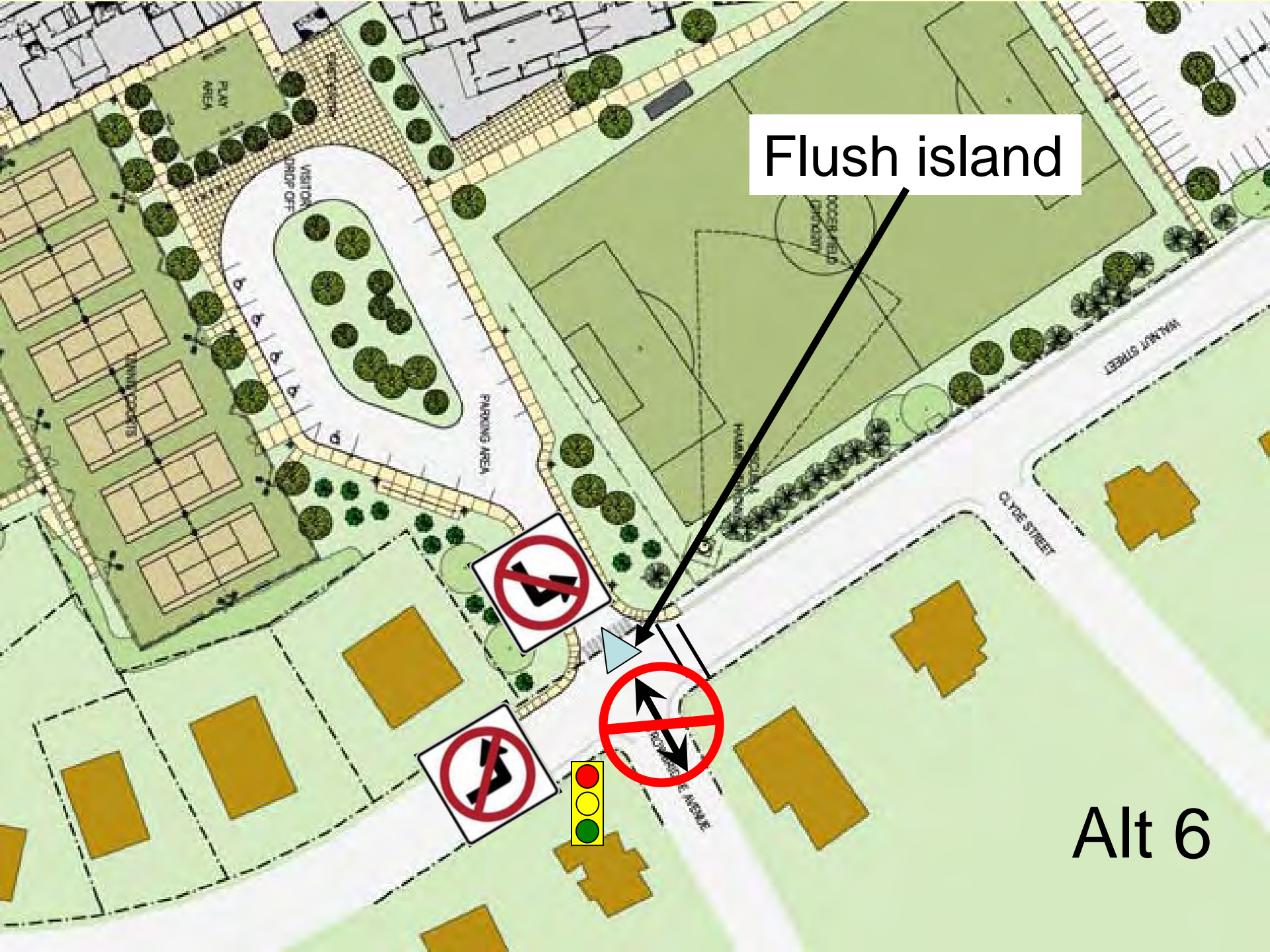


Turn restrictions



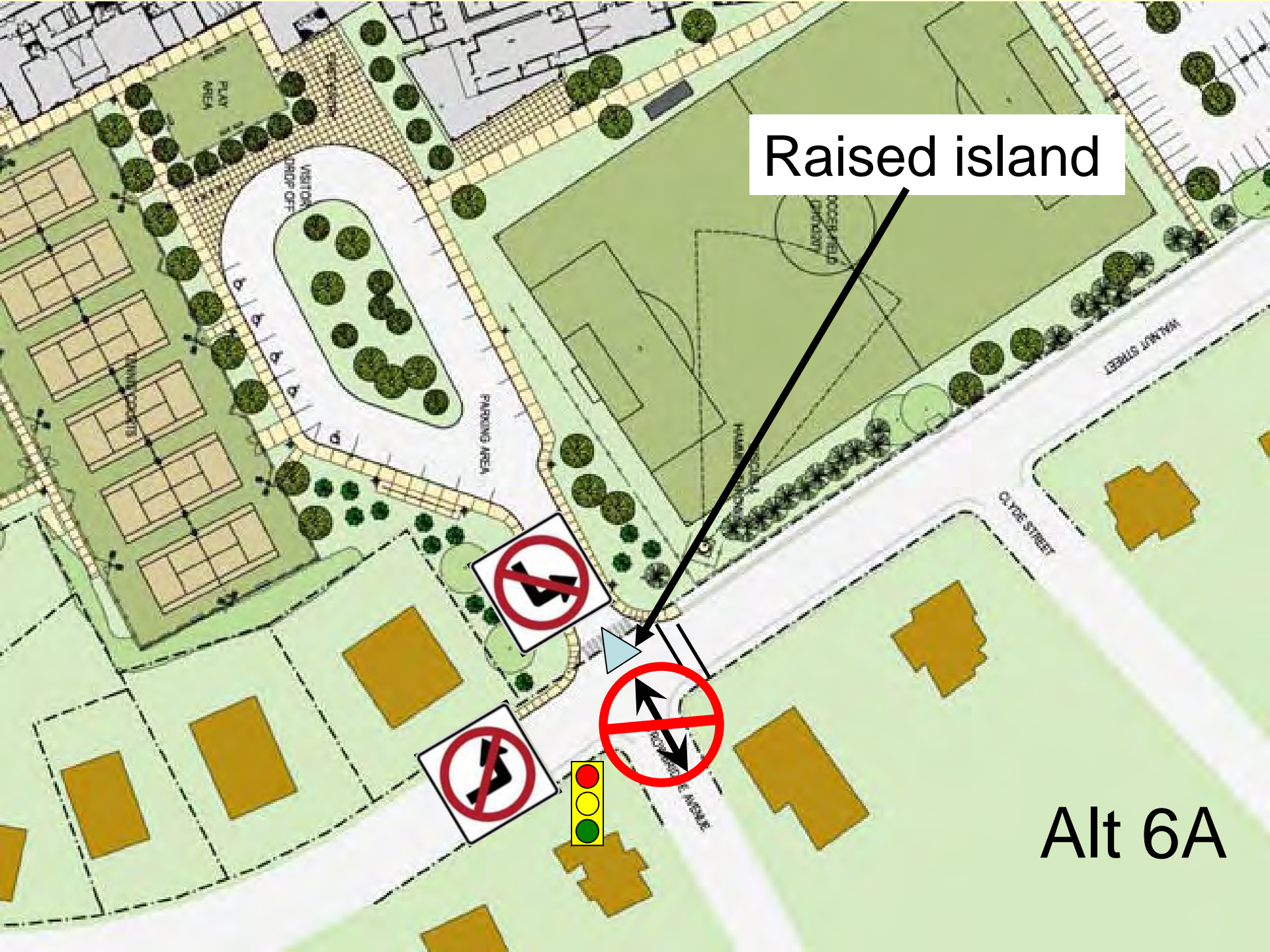
Alt 5

Flush island



Alt 6

Raised island



Alt 6A