

A Line (Snelling) Bus Rapid Transit November 21, 2013 Technical Advisory Committee Meeting #4



- Design Services Procurement Update
- Issue Resolution Teams
 - 7th & Olson Prototype Station
 - Snelling & University, Snelling & Dayton Stations
 - TSP Architecture & Agreements
 - Station Technology
- Station Concept Plan Issues Scoping
- Roundtable / Project Coordination Updates



DESIGN SERVICES PROCUREMENT UPDATE

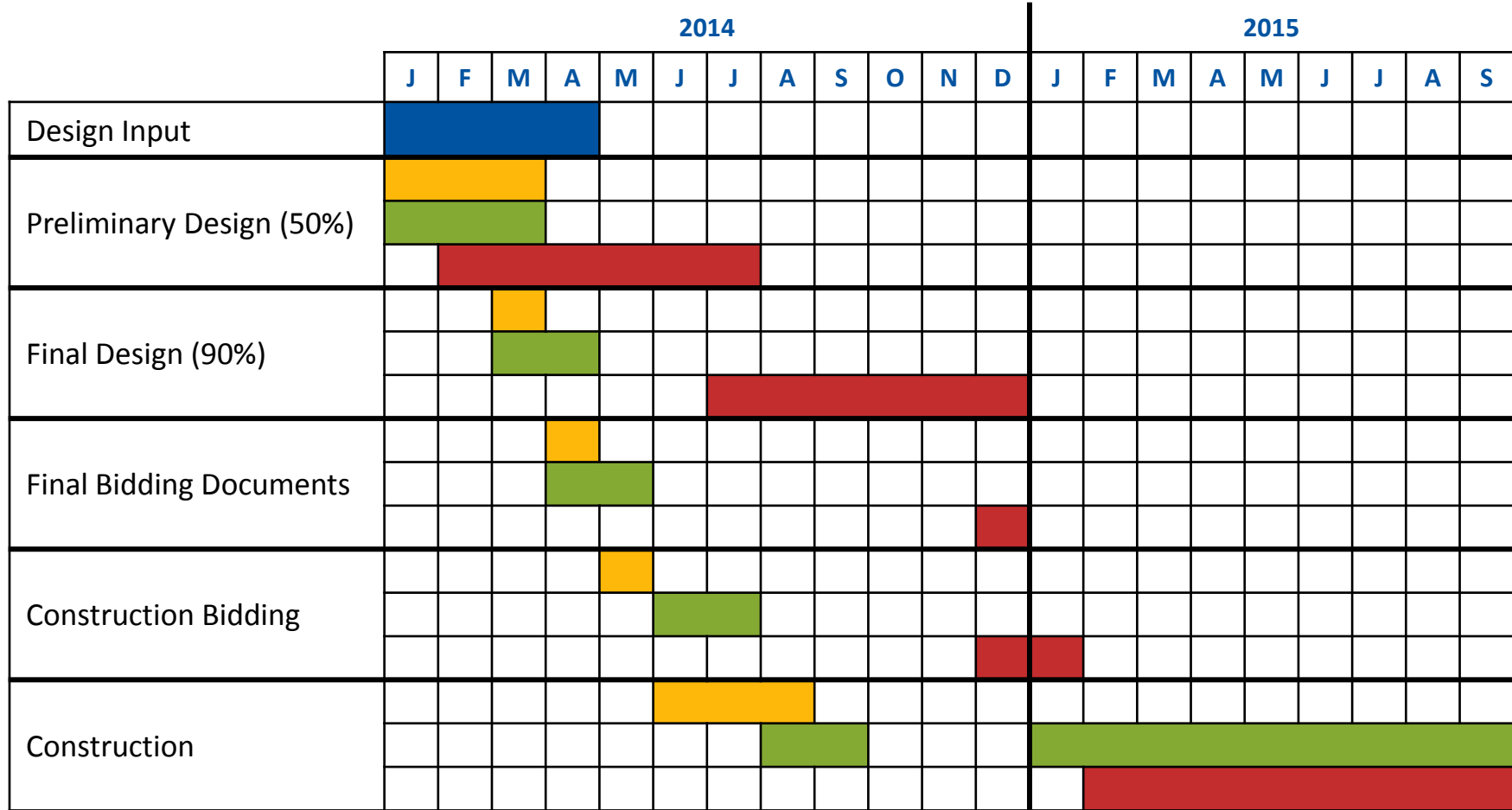
DRAFT Milestone Schedule



A Line (Snelling/Ford/46th)

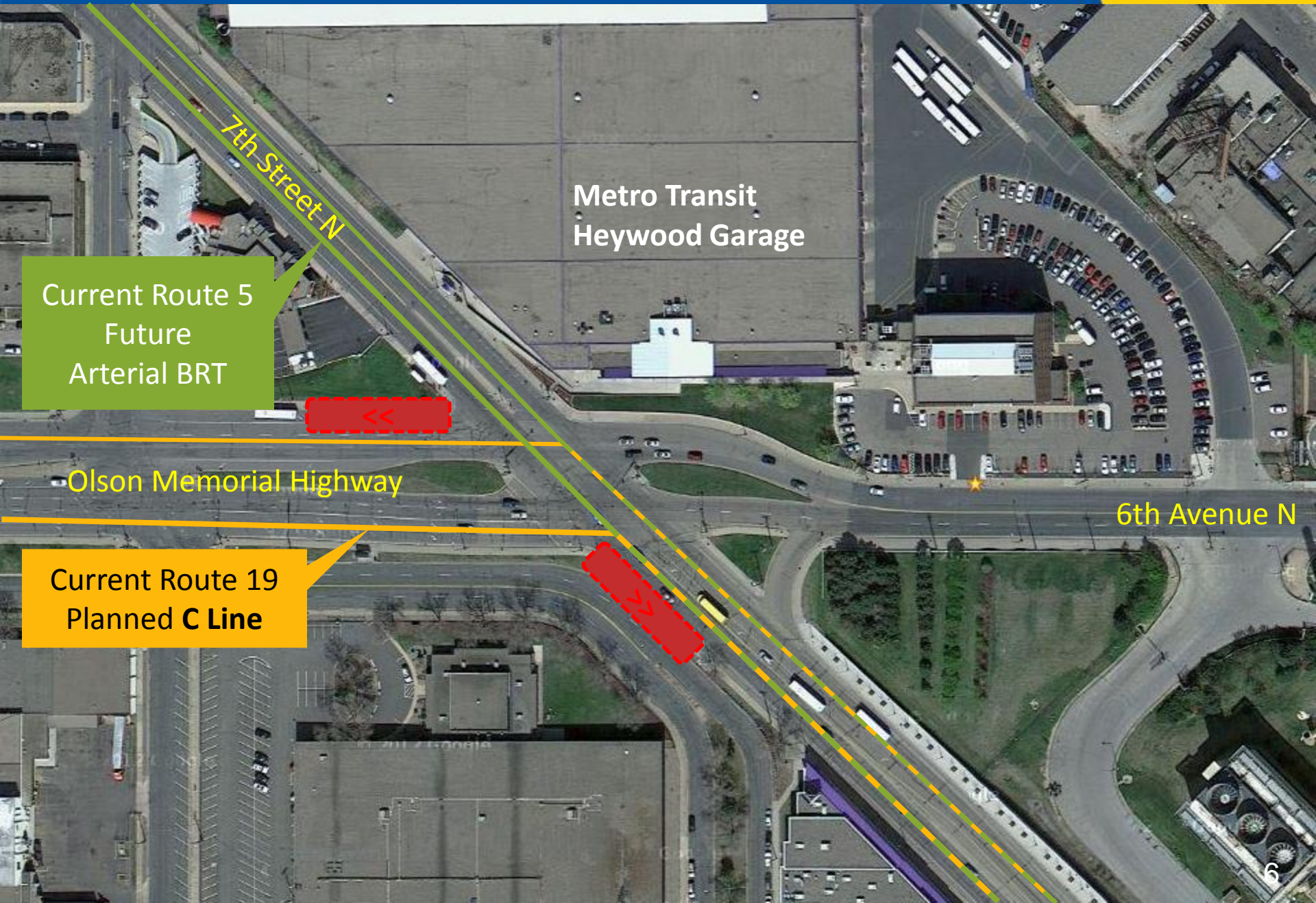
Arterial BRT Station Shelter

7th & Olson Prototype Station



- Five IRTs
 - 7th & Olson Prototype Station
 - Snelling & University
 - Snelling & Dayton
 - TSP Architecture & Agreements
 - Station Technology
- Discussion
 - Purpose
 - Meeting dates / expectations
 - Participants

Prototype Station at 7th & Olson



7th Street N

Metro Transit
Heywood Garage

Current Route 5
Future
Arterial BRT

Olson Memorial Highway

6th Avenue N

Current Route 19
Planned C Line



CONCEPT PLAN REVIEW & ISSUES SCOPING

Existing Stop Conditions

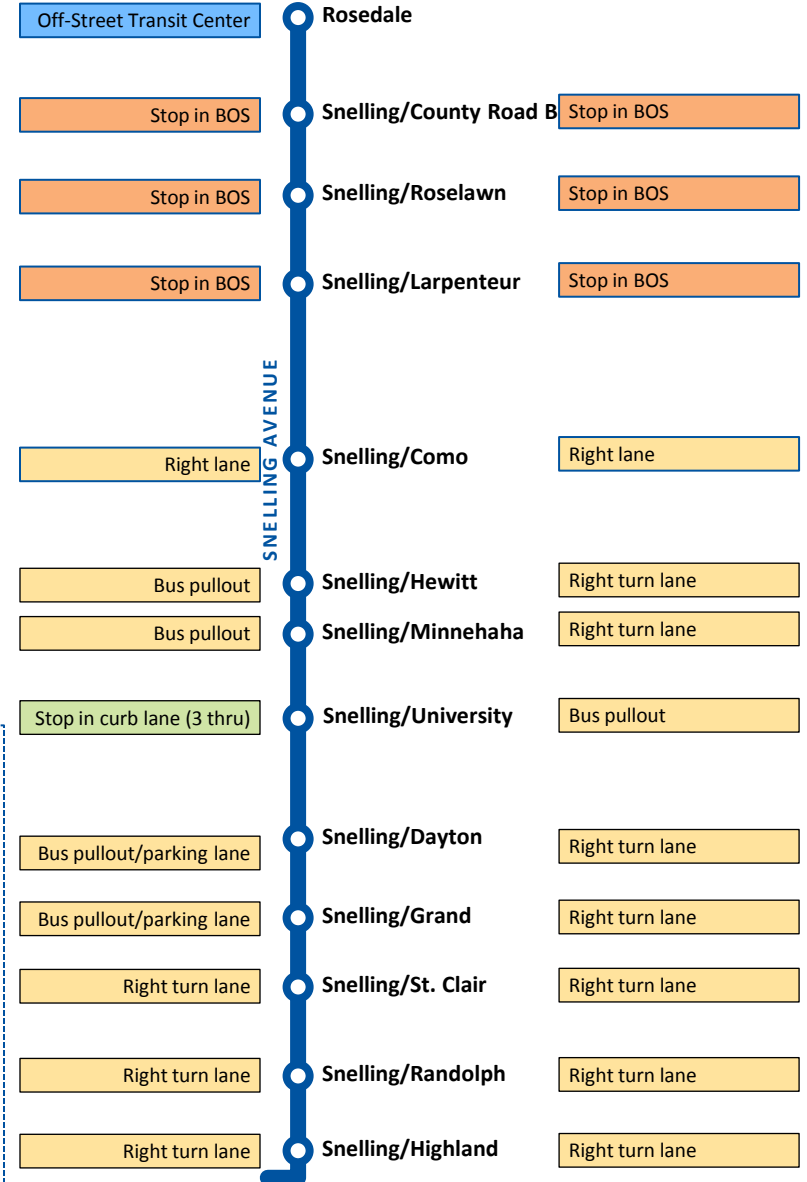
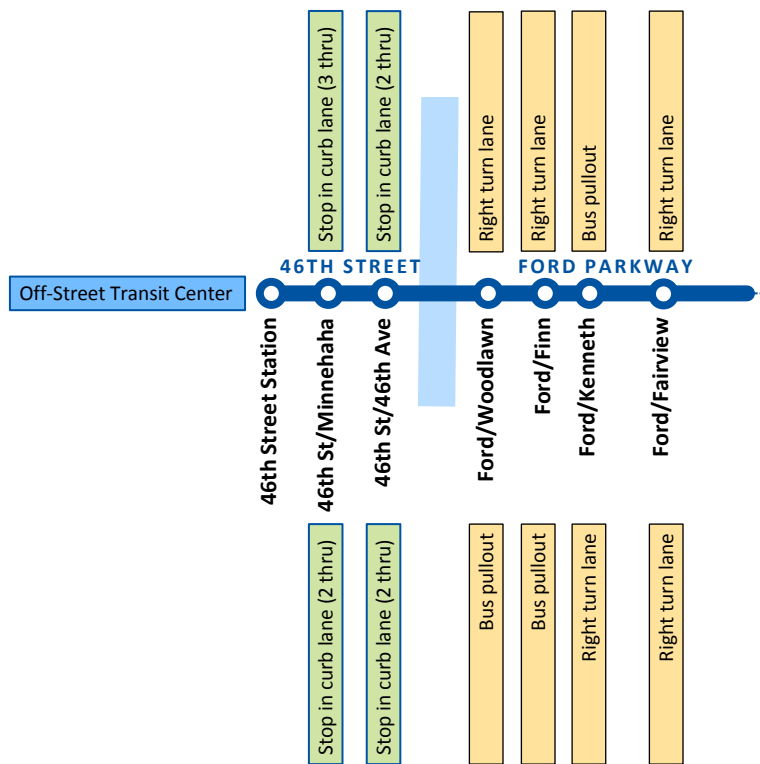


Off-street

Stop in travel lane

Stop out of travel lane

Stop out of travel lane – Bus-Only Shoulder

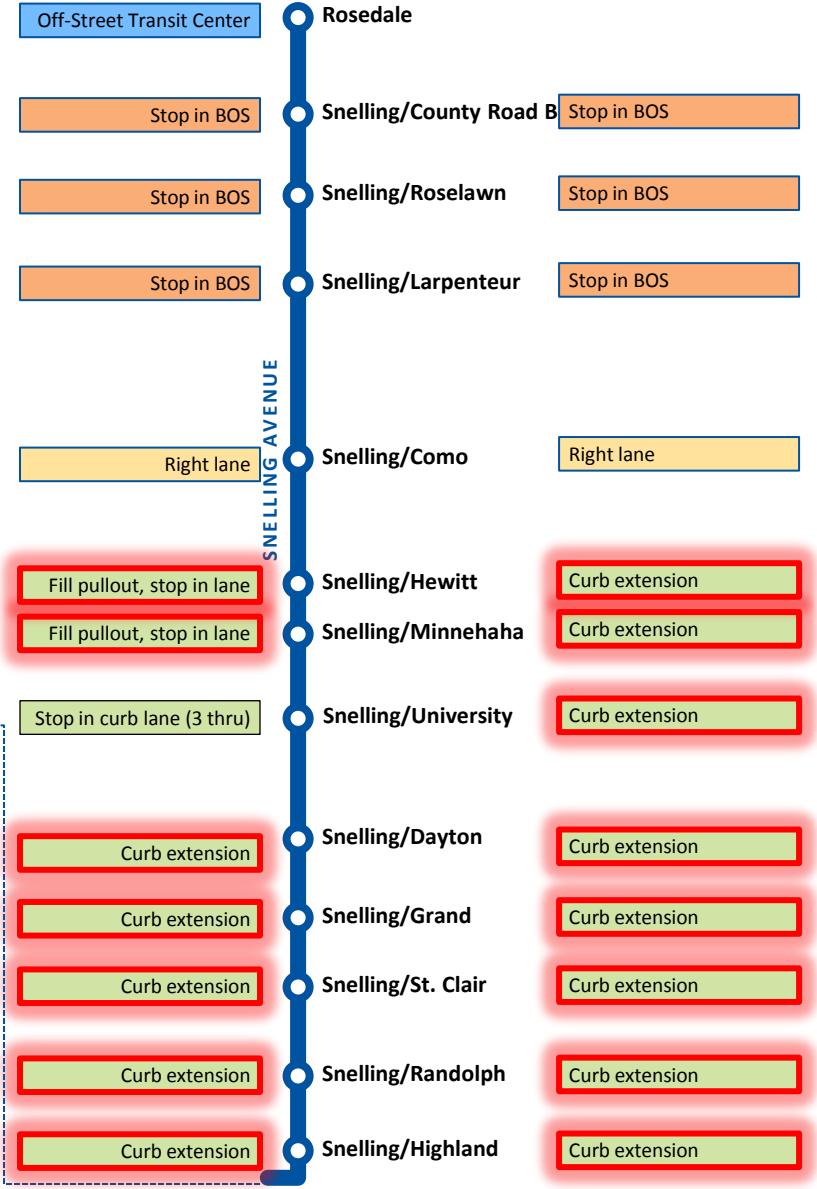
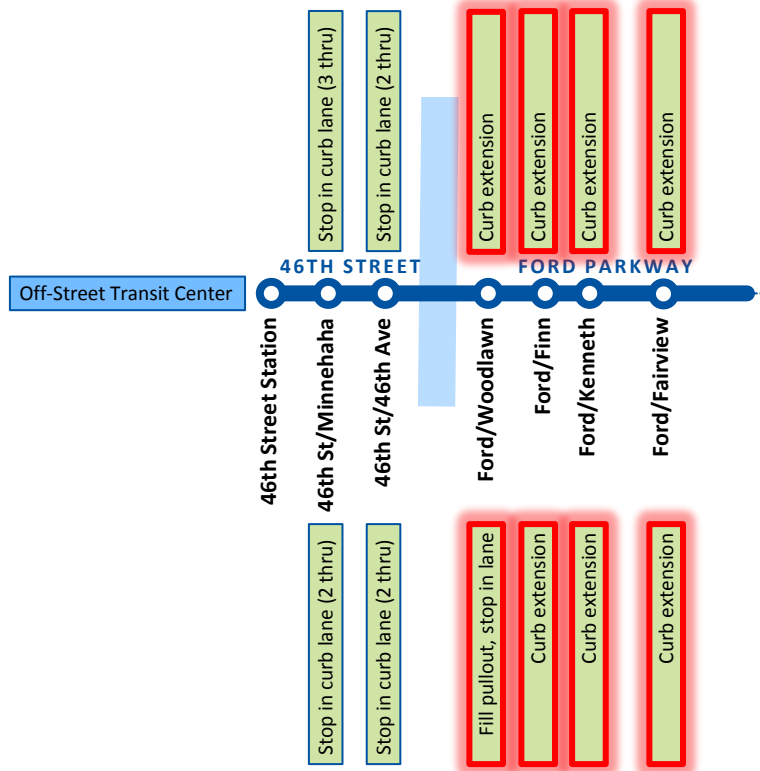


Concept Plan Station Conditions

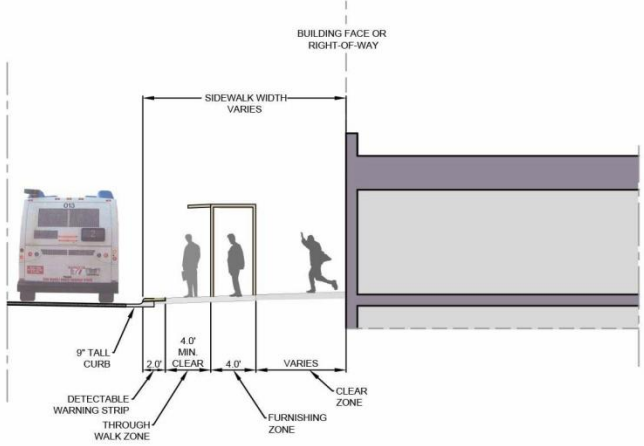
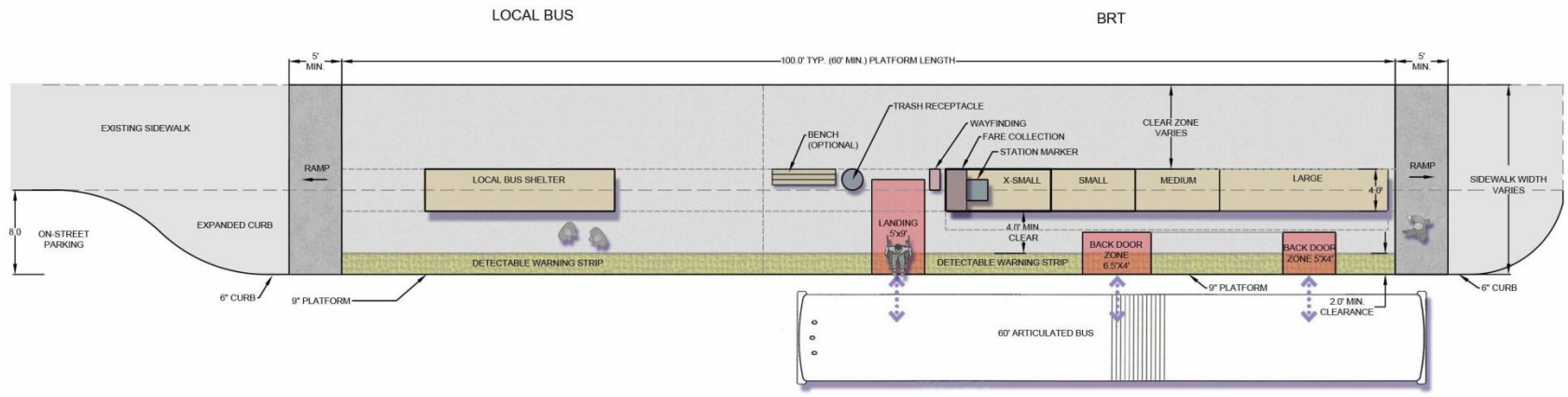


- Off-street
- Stop in travel lane
- Stop out of travel lane
- Stop out of travel lane – Bus-Only Shoulder

Proposed change from existing condition



Prototypical Station Bumpout Platform



FURNISHING OPTIONS:

- BENCH, 6' SEPARATE FROM SHELTER
- BIKE RACK
- FARE COLLECTION, 2' x 4'
- TRASH RECEPTACLE, 2'0"
- STATION MARKER, 2' x 2'
- WAYFINDING, 2' x 1'

FURNISHING OPTIONS - QUANTITIES

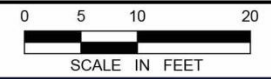
OPTIONS	EXTRA SMALL	SMALL	MEDIUM	LARGE
BENCH (OPTIONAL)	1	1	1-2	1
BIKE RACK	1	1	1	1
FARE COLLECTION	1	1	1	1
TRASH RECEPTACLE	1	1	1	2
STATION MARKER	1	1	1	1
WAYFINDING	1	1	1	1

K:\TWC_Trombly\160528015_MIDTOWN_AA\CAD\Plan_Sheets\Exhibits\US_PLATFORM_LAYOUTS.dwg August 13, 2013 - 6:31pm

No.	Date	Revisions	App.

DRAWING NAME: S_PLATFORM_LAYOUTS.dwg
 DESIGNED BY: ###
 DRAWN BY: ###
 CHECKED BY: #####
 DATE: ###
 PROJECT NO. #####

Kimley-Horn and Associates, Inc.
 2550 UNIVERSITY AVE. WEST, SUITE 239N
 ST. PAUL, MINNESOTA 55114
 TEL. NO. (651) 645-4197



MIDTOWN CORRIDOR ALTERNATIVES ANALYSIS
 BUMPOUT PLATFORM STATION LAYOUT

SHEET NO. 2
 2



38 total stations

- 13: No geometric changes
- 21: No change in intersection LOS or movement LOS due to bumpout/in-lane stop
- 3: No change in LOS but increased delay of >5 seconds/vehicle

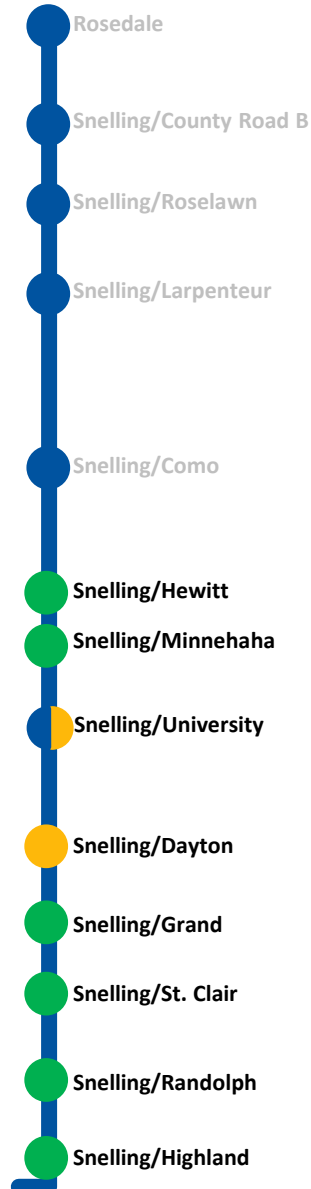
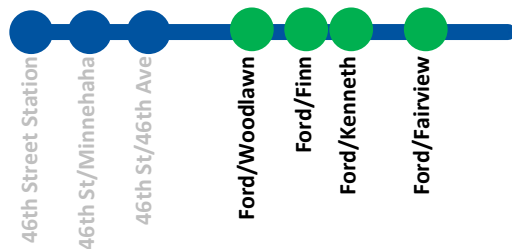
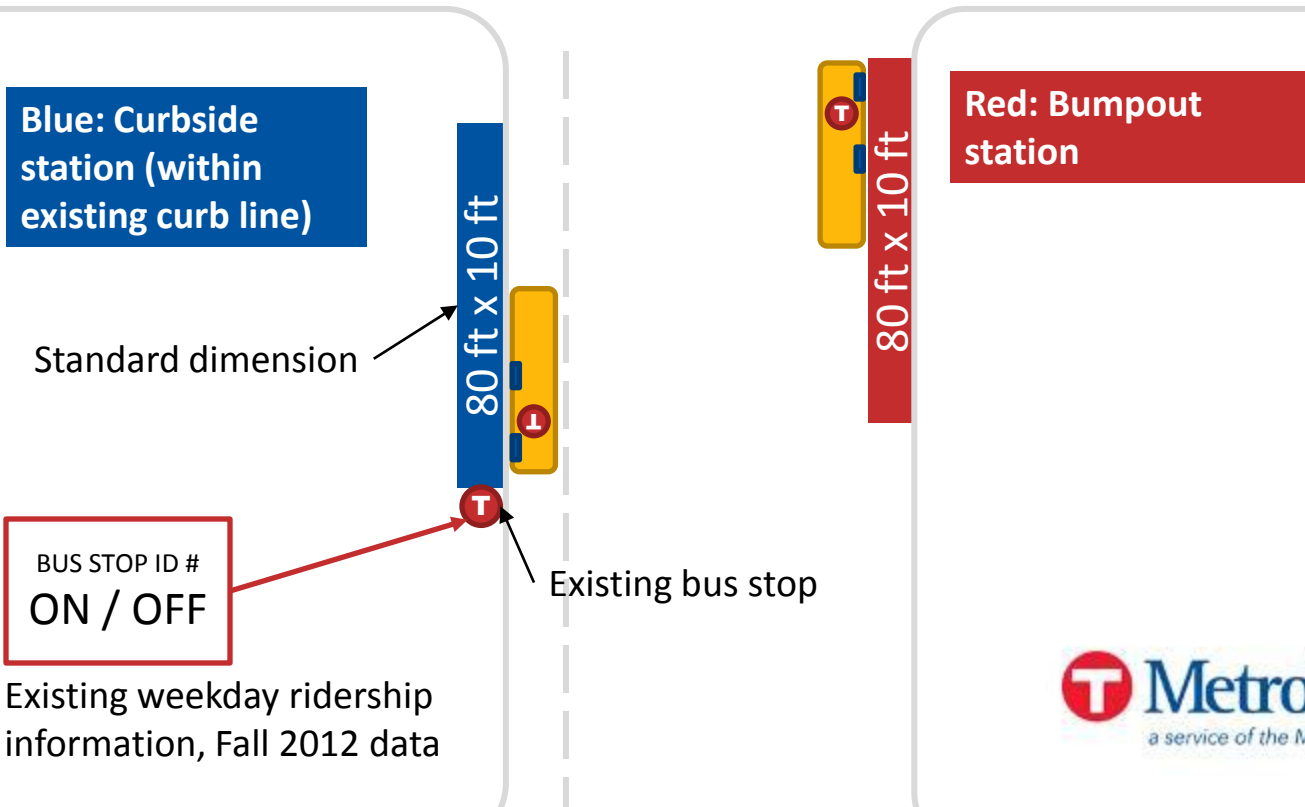


Illustration does not reflect actual geometry or exact placement relative to intersection.



Existing weekday ridership information, Fall 2012 data

COUNTY ROAD B



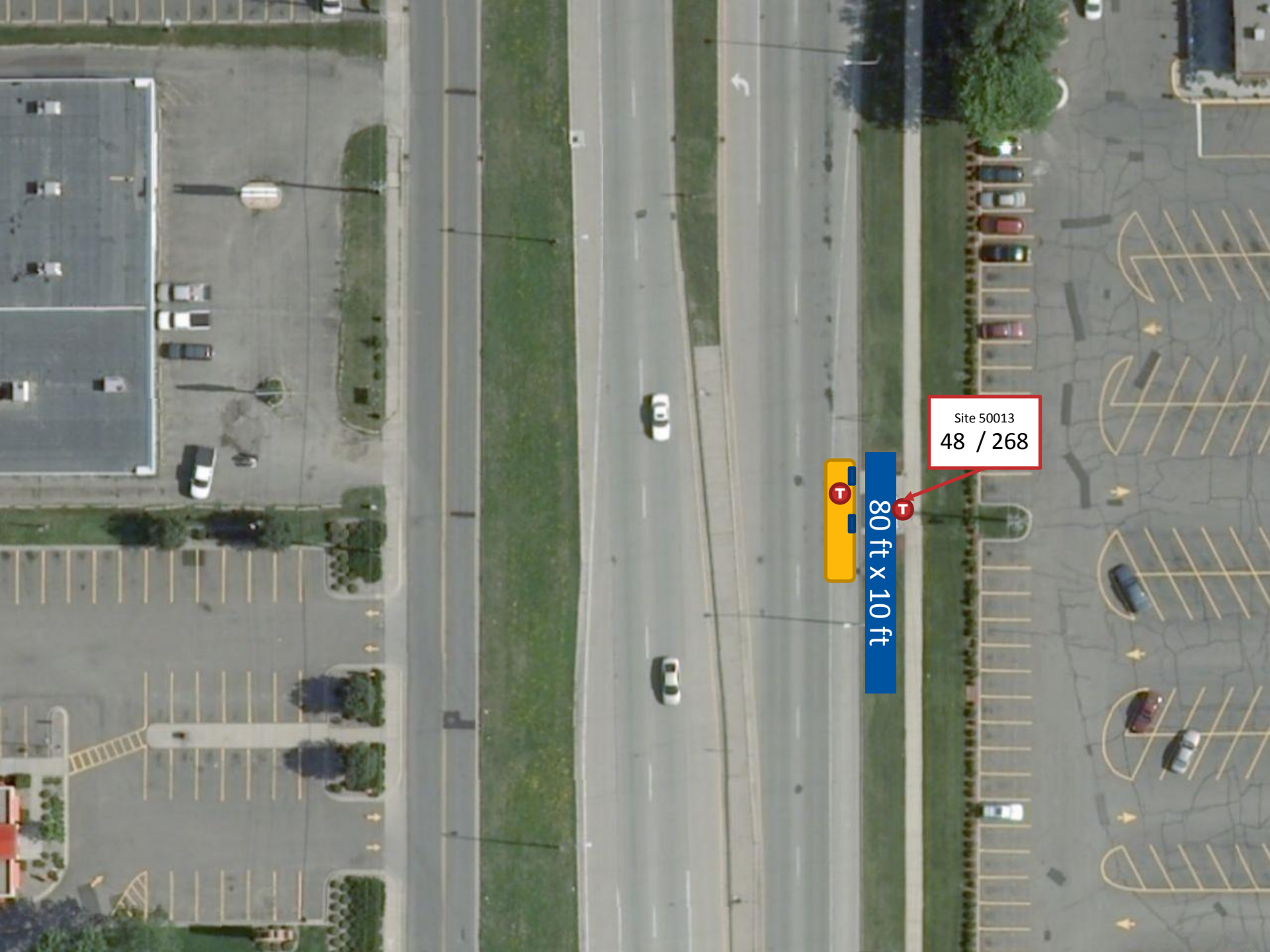
Site 50015
171 / 41

80 ft x 10 ft



Site 50013
48 / 268

80 ft x 10 ft



ROSELAWN AVE

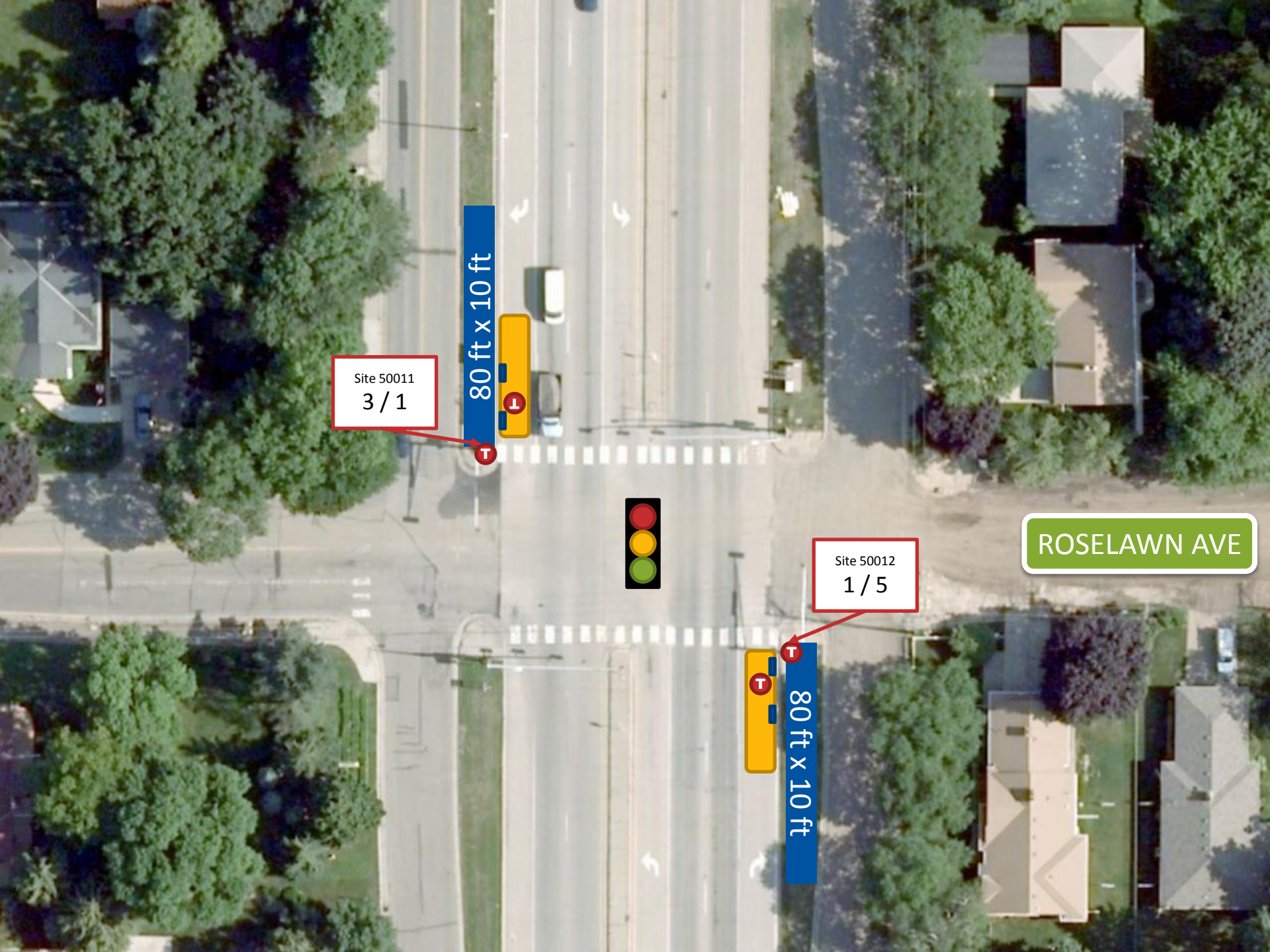
Site 50012
1 / 5

80 ft x 10 ft



Site 50011
3 / 1

80 ft x 10 ft



Site 50010
72 / 114



80 ft x 10 ft



LARPENTEUR AVE

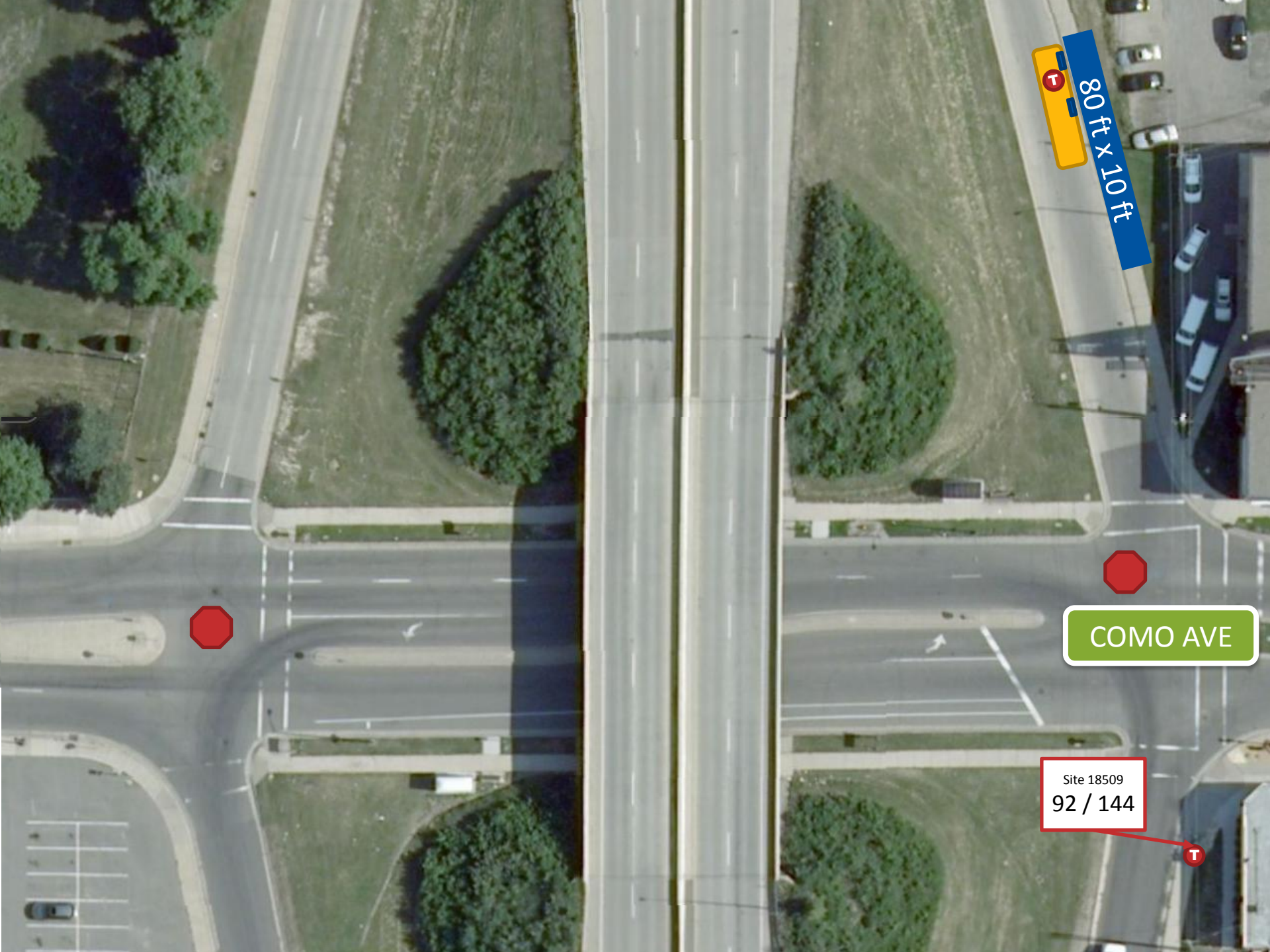
LARPENTEUR AVE



Site 50032
112 / 68

80 ft x 10 ft





80 ft x 10 ft



COMO AVE



Site 18509
92 / 144





COMO AVE

Site 18509
92 / 144



Site 18523
165 / 88

80 ft x 10 ft



MINNEHAHA AVE

Hamline

80 ft x 10 ft

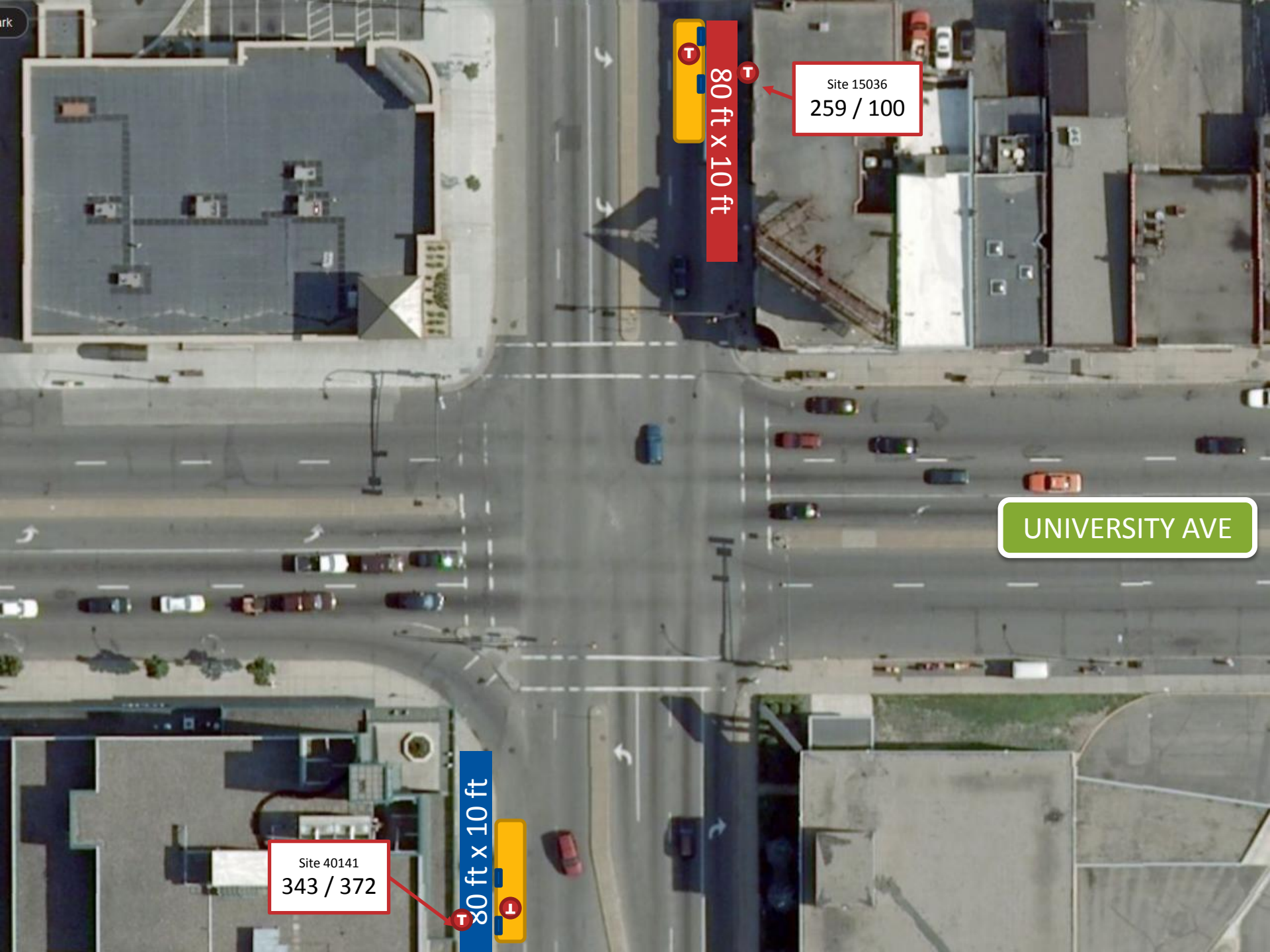


Site 15040
48 / 65

80 ft x 10 ft

Marathon Gas Station

Site 15116
68 / 37



Site 15036
259 / 100

80 ft x 10 ft

UNIVERSITY AVE

Site 40141
343 / 372

80 ft x 10 ft

MN Pain & Wellness Ctr

Snelling Imports

Site 17307
25 / 39

209

201

80 ft x 10 ft

Existing high-visibility crosswalks

DAYTON AVE

80 ft x 10 ft

Site 17371
47 / 26

Redevelopment
The Vintage on Selby



Site 17312
84 / 198

80 ft x 10 ft



80 ft x 10 ft



15-MIN PARKING

36

Macalester College Store

Lampert Building
Common Good Books

Breadsmith
Jamba Juice

1573

15-MIN PARKING

Khyber Pass
Dunn Bros Coffee

1567

30-MIN PARKING

Macalester Permit Parking
(22 spaces)

1561

Municipal Lot
(55 2-hour spaces)

GRAND AVE

Site 17366
208 / 84





ST. CLAIR AVE

232 Health Point Oriental Medicine

234 Animal Medical Clinic

238 Apartments

240 Carmelo's

Saint Paul
Corner Drug

Parking (~15 spaces)

80 ft x 10 ft

80 ft x 10 ft

Site 17318
11 / 48

Site 17361
64 / 12

Shared Parking
(34 spaces)

Parking (21 spaces)

1580 St. Clair Broiler

245 Snelling Apts
(10 units)

247 Matt's Pro Guitar

249 Vacant



Site 17325
43 / 184

67 ft x 10 ft

80 ft x 10 ft

Site 17357
168 / 42

RANDOLPH AVE

Rita Ambourn

Parking
(11 spaces)

Goby's

Awe Parking (12 spaces)

Awe Vending

Plum's Bar & Grill

Practical Goods

Parking (18 spaces)
Rita Ambourn

ProFuel

485

Image courtesy of 3D

Site 17332
4 / 19

80 ft x 10 ft

700

Gloria Dei Lutheran Church

HIGHLAND PKWY

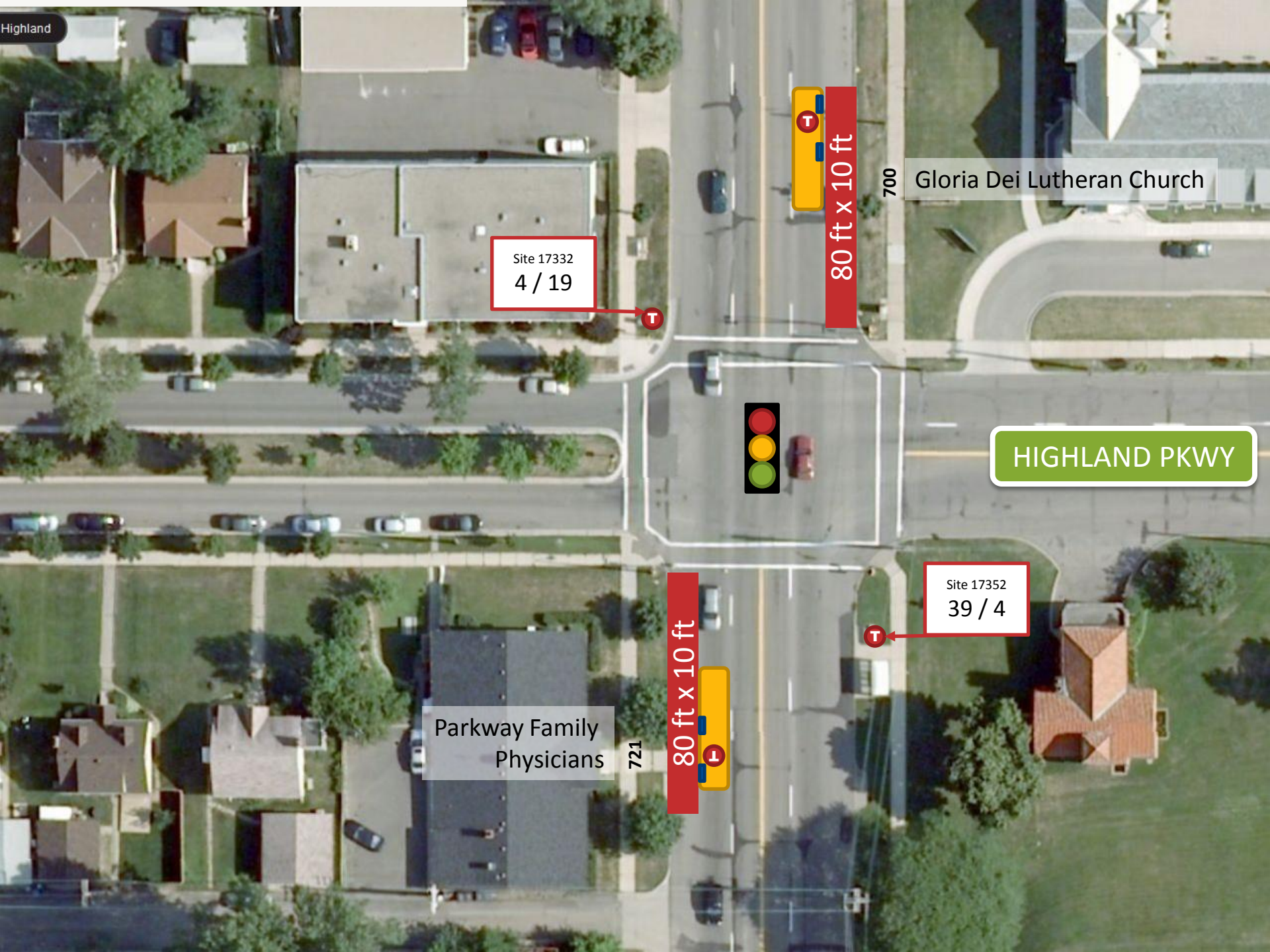


Site 17352
39 / 4

80 ft x 10 ft

721

Parkway Family
Physicians



FAIRVIEW AVE

FORD PKWY

Apartments
(~12 units)

Apartments
(~12 units)

1835

1825

Site 41722
1 / 4

Site 18697
2 / 2

1818

1812

Twinhome

Twinhome

80 ft x 10 ft

80 ft x 10 ft



KENNETH ST

FORD PKWY

Site 18694
3 / 31



BP

2015

2005

Highland Lifecare

1999

57 ft x 10 ft



Burnet Parking (41 spaces)

CB Burnet

1991

80 ft x 10 ft



Site 4283
46 / 11

2012

2004



Lifetime Fitness &
Structured Parking

FINN ST

Site 4286
119 / 70

80 ft x 10 ft

T

FORD PKWY

80 ft x 10 ft

Local Bus Stop

Site 4282
147 / 125

T

WOODLAWN AVE

Site 4290
6 / 8

Petco

80 ft x 10 ft

T

FORD PKWY

80 ft x 10 ft

Site 4279
12 / 15



45TH AVE

46TH AVE

Site 51516
7 / 16

SF Home

Parkway West Apartments

4500
80 ft x 10 ft

4556

46TH STREET

80 ft x 10 ft

Site 51514
16 / 6

SF Home

MINNEHAHA AVE

Site 16607
2 / 30

Jakubas Dental

80 ft x 10 ft



46TH STREET

80 ft x 10 ft



Falls Liquor

Site 53362
19 / 2



Geller Auto Repair

4554

4604

4601

- Snelling Multi-Modal Improvements
- I-94 Bridge Redeck
- Randolph Avenue Reconstruction
- Ford Parkway Reconstruction
- Highland Village Streetscape
- Minnehaha Avenue Reconstruction
- Hiawatha/Minnehaha
- Other Updates

- Metro Transit FTH Chambers (560 6th Ave N, Mpls)

2013

~~Thursday, Jul 18, 1:30–3:30~~

Thursday, Aug 15, 1:30–3:30

~~Tuesday, Sept 17, 1:30–3:30~~

~~Thursday, Oct 17, 1:30–3:30~~

Thursday, Nov 21, 1:30–3:30

Thursday, Dec 19, 1:30–3:30

2014

Thursday, Jan 16, **1:00–2:30**

Thursday, Feb 20, 1:30–3:30

Thursday, Mar 20, 1:30–3:30

Thursday, Apr 17, 1:30–3:30