

SOUTHWEST

Green Line LRT Extension



Corridor Management Committee

June 5, 2013





Today's Topics

- Legislative Update
- FEIS Consultant Contract Award
- Project Development Technical Issues (TI)
 - TI #1 – Eden Prairie Alignment
 - TI #2 – 9-Mile Creek Crossing
 - TI #3 – Golden Triangle Station
 - TI #4 – Shady Oak Road Crossing
 - TI #5 – City West Station
 - TI #11 – Excelsior Blvd. Crossing
 - TI #12 – Blake Station
 - TI #19 – Bassett Creek Valley Corridor: Penn Station & Van White Station
 - TI #20 – Royalston Station & The Interchange Project
- Communications and Outreach Update
 - BAC Report
 - CAC Report

SOUTHWEST

Green Line LRT Extension



Legislative Update





FEIS Consultant Contract Award



SWLRT PD Technical Issues

Revision 04: 28 May 2013

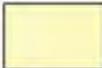
Technical Issues:

1. Eden Prairie Alignment
2. Nine Mile Creek Crossing
3. Golden Triangle Station
4. Shady Oak Road & TH 212 Crossing
5. City West Station & TH 62 Crossing
6. Opus Station
7. Opus Hill/Minnetonka-Hopkins Bridge
8. Shady Oak Station

9. PEC West/PEC East Interface Point

10. Downtown Hopkins Station
11. Excelsior Blvd. Crossing
12. Blake Station
13. Louisiana Station
14. Wooddale Station
15. TH 100
16. Beltline Station
17. West Lake Station
18. Kenilworth Corridor
19. Bassett Creek Valley Corridor
20. Royalston Station/Interchange Project Coordination
21. Freight Rail Co-location/Relocation Alternatives

 PEC West

 PEC East

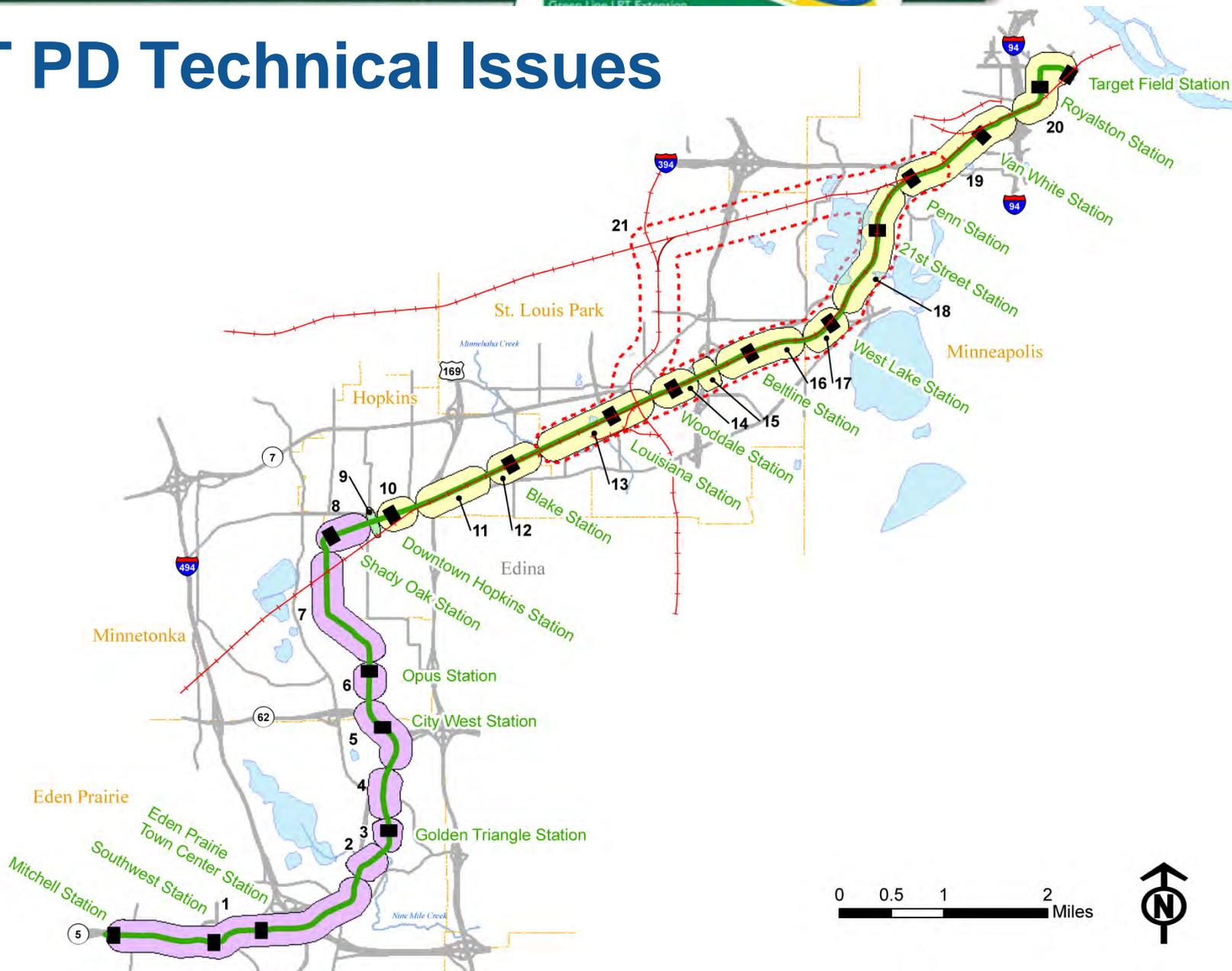
 Joint PEC West/PEC East

System-wide Technical Issues (not shown):

22. Traction Power Substation and Signal Bungalow Locations
23. Operation & Maintenance Facility (OMF) Location
24. Park & Ride, Kiss & Ride and Bus Layover Locations
25. Trails and LRT Interface Coordination



SWLRT PD Technical Issues





SWLRT PD Technical Issues

Eden Prairie

Eden Prairie Alignment Adjustments

9-Mile Creek Crossing

Golden Triangle Station

Shady Oak Road Crossing

City West and TH 212 and TH 62 Flyover Bridges

See packet of
corresponding
Aerial Maps

Hopkins

Excelsior Boulevard Crossing

Blake Station

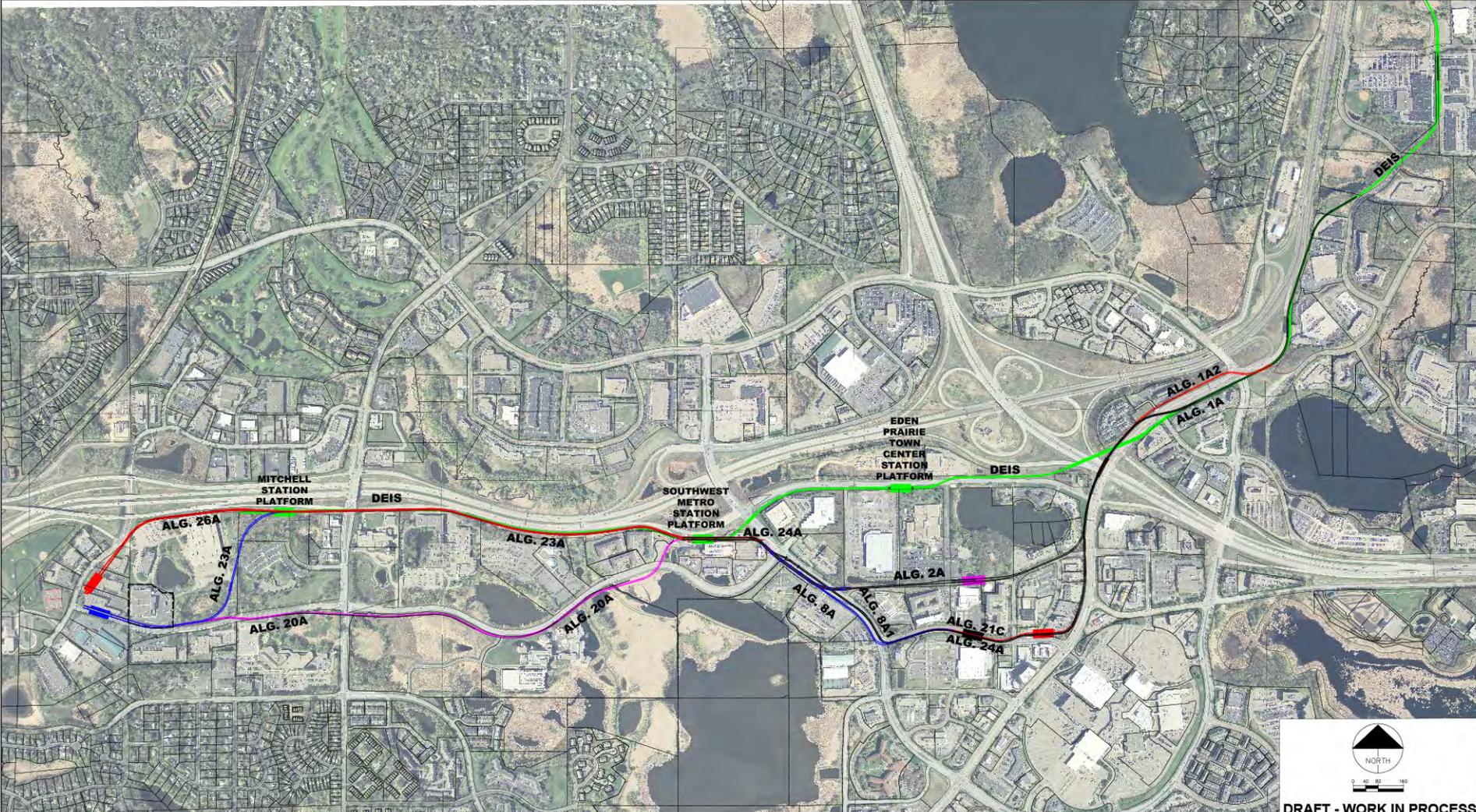
Minneapolis

Penn Station

Van White Station

Royalston Station/The Interchange Connection





**SOUTHWEST LRT
 TI-1 : EDEN PRAIRIE - ALIGNMENT
 TIER 2 ANALYSIS**

IRT: #1
 REV: 1
 DATE : 05/07/2013

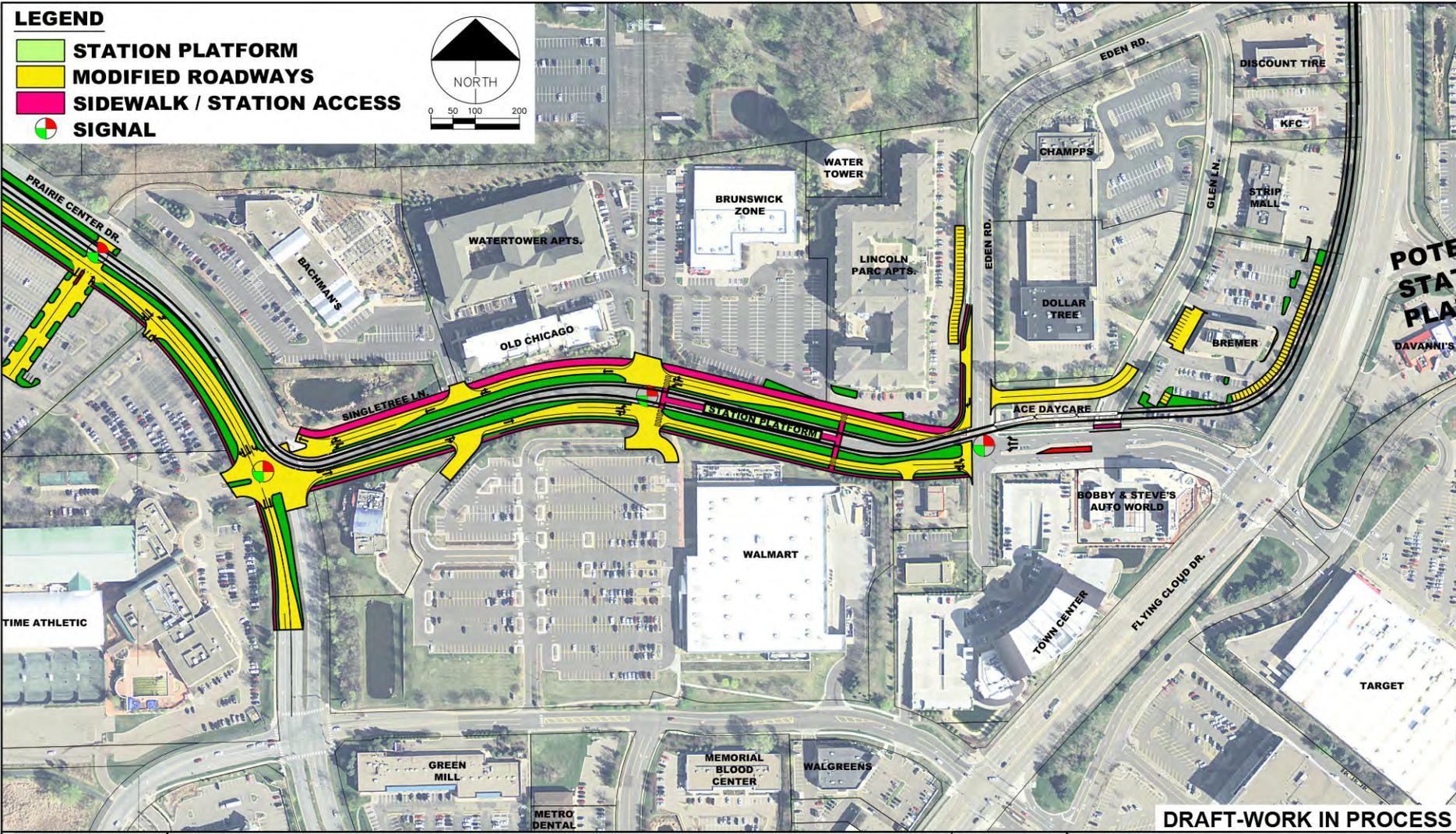
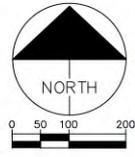


AECOM



DRAFT - WORK IN PROCESS

- LEGEND**
- STATION PLATFORM**
 - MODIFIED ROADWAYS**
 - SIDEWALK / STATION ACCESS**
 - SIGNAL**



DRAFT-WORK IN PROCESS

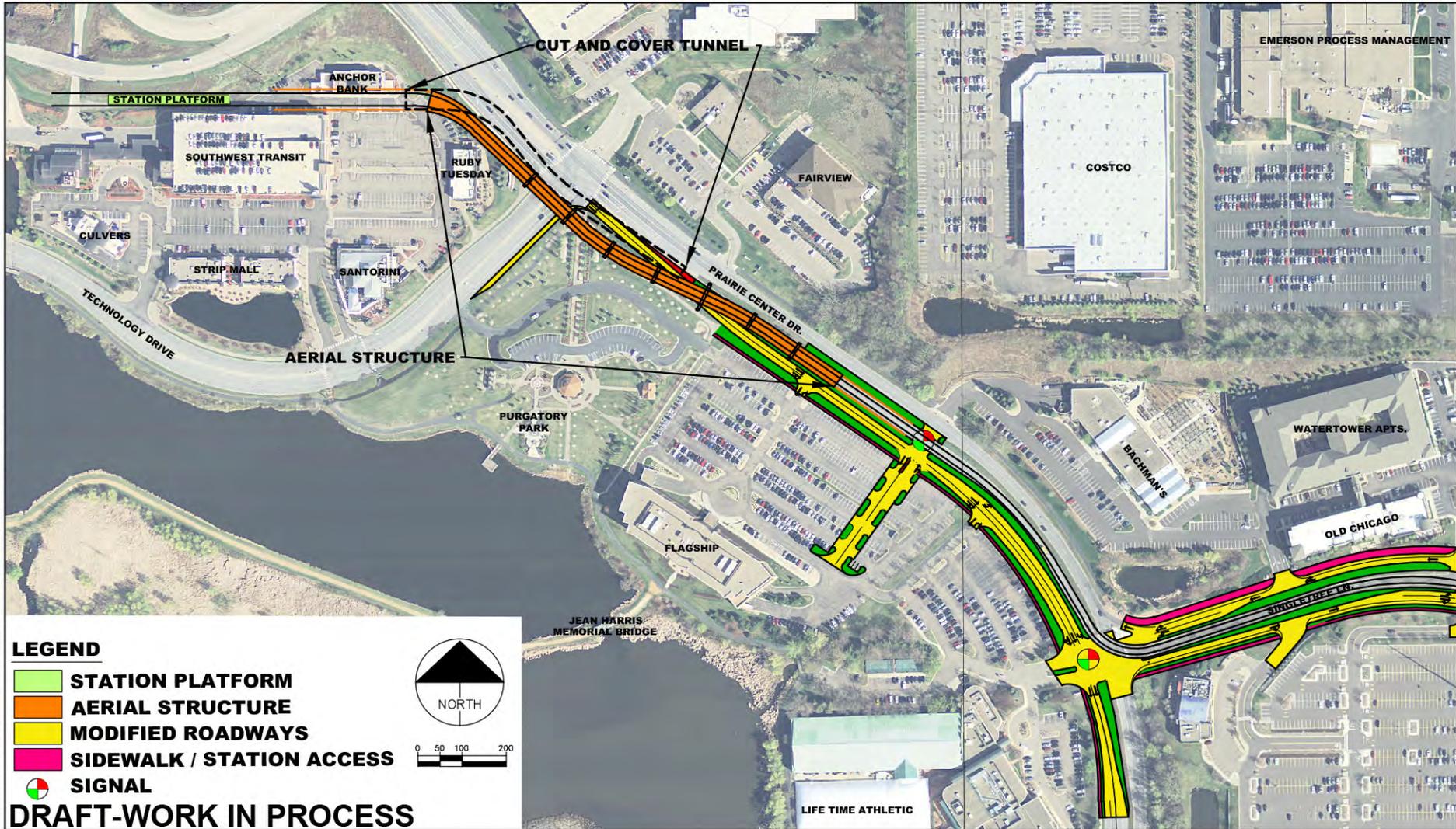


SOUTHWEST LRT
 TI-1: EDEN PRAIRIE ALIGNMENT
 SINGLETREE LANE - WEST PLATFORM ADJUSTMENT

IRT: #1
 REV: 0
 DATE: 05/07/2013

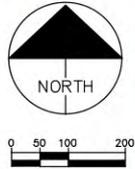


May, 06 2013 04:16 pm V:\3200_PCC-W\CAD\SEGMENT-W\EXHIBITS\DRAWING\EDEN PRAIRIE MEETING\EXHIB-CV-SINGLE TREE-CENTER PLATFORM-001-CDP.dwg By: Bascha



LEGEND

- STATION PLATFORM**
- AERIAL STRUCTURE**
- MODIFIED ROADWAYS**
- SIDEWALK / STATION ACCESS**
- S
 SIGNAL



DRAFT-WORK IN PROCESS



SOUTHWEST LRT
 TI-1: EDEN PRAIRIE ALIGNMENT
 PRAIRIE CENTER DRIVE

IRT: #1
 REV: 1
 DATE: 05/07/2013



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DRAFT-WORK IN PROCESS



SOUTHWEST LRT
TI-1: EDEN PRAIRIE ALIGNMENT
 PRAIRIE CENTER DRIVE/ TECHNOLOGY DRIVE-VIEW SOUTH

IRT: 1
 REV: 0
 DATE :05.07.2013



Apr. 25. 2013 02:01 pm V:\3200_PFC-W\COMMON\CAD\BLOCK\BORDER\WID-GEN-EXBT-BORD-2234.dwg Bjt: Bickert B



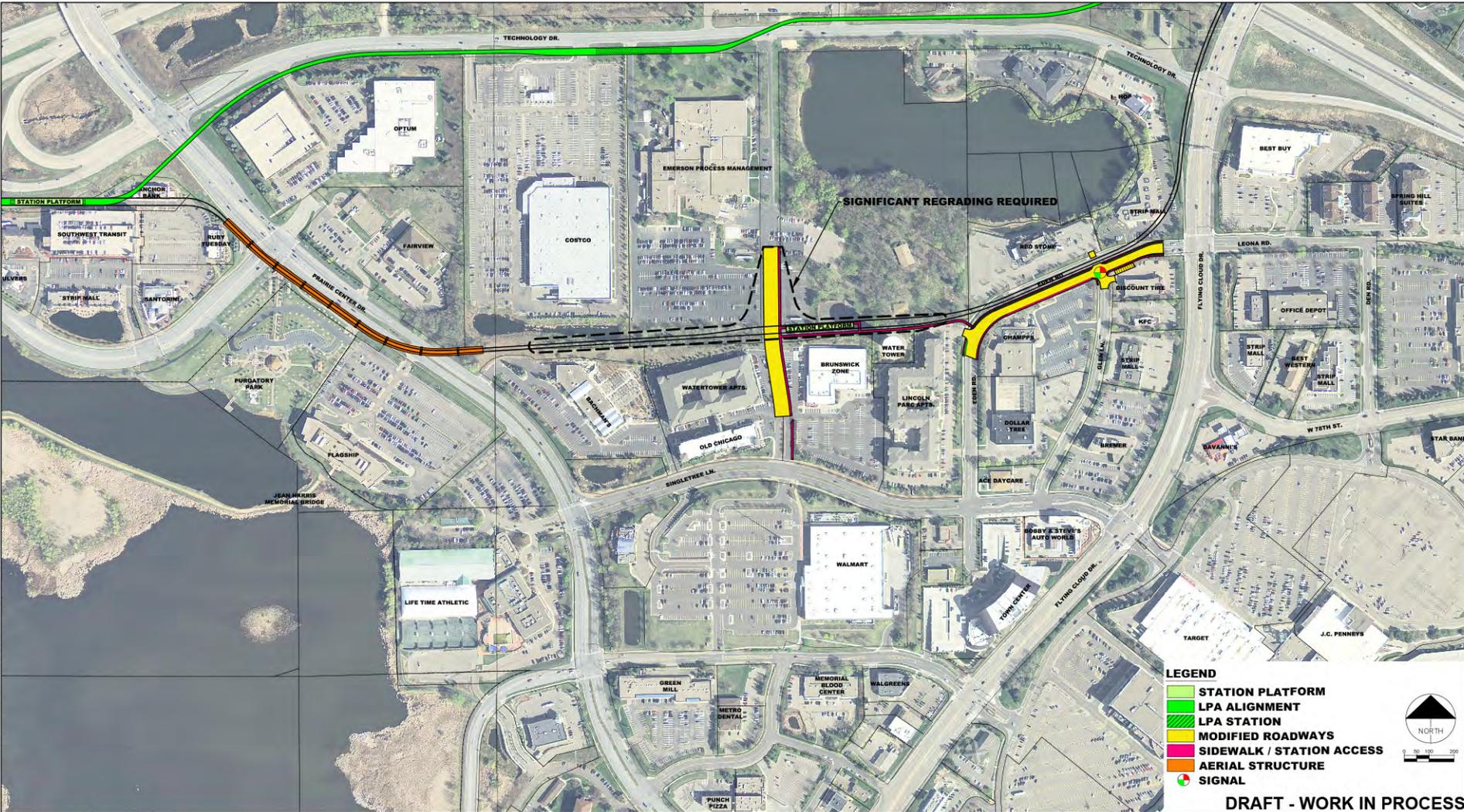
DRAFT-WORK IN PROCESS

CROSSING AT TECHNOLOGY DRIVE
 VIEW LOOKING NORTHWEST

IRT:
 REV:
 DATE :04.30.2013



Apr. 25. 2013 02:01 pm V:\3200_PFC-W\COMMON\CA0\BLOCK\BINDER\W0-G2A-E2BT-BRD-22-24.dwg By: Bickert B



- LEGEND**
- █ STATION PLATFORM
 - LPA ALIGNMENT
 - █ LPA STATION
 - █ MODIFIED ROADWAYS
 - █ SIDEWALK / STATION ACCESS
 - █ AERIAL STRUCTURE
 - SIGNAL



DRAFT - WORK IN PROCESS



SOUTHWEST LRT
 TH-1 EDEN PRAIRIE ALIGNMENT
 COMPREHENSIVE PLAN ADJUSTMENT

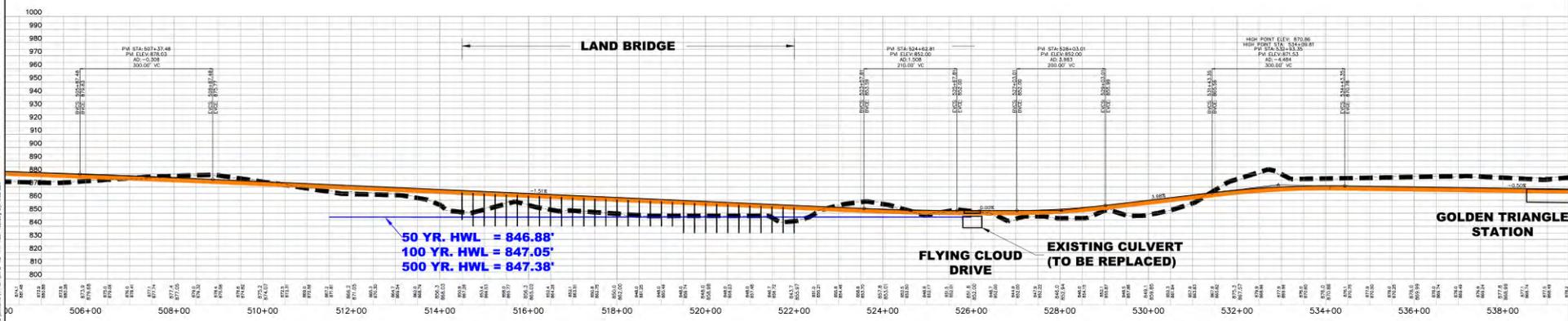
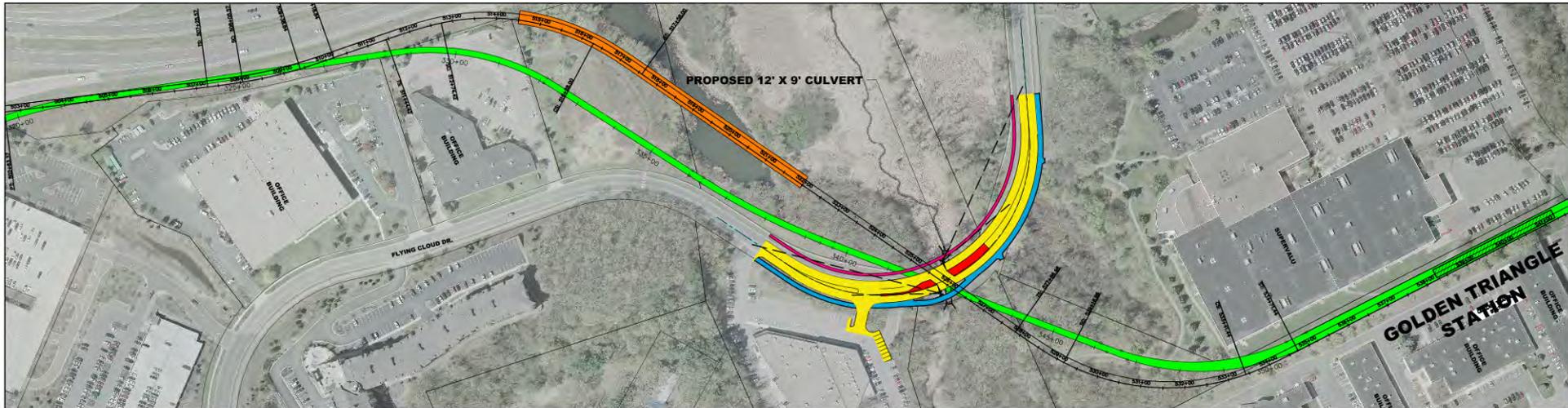
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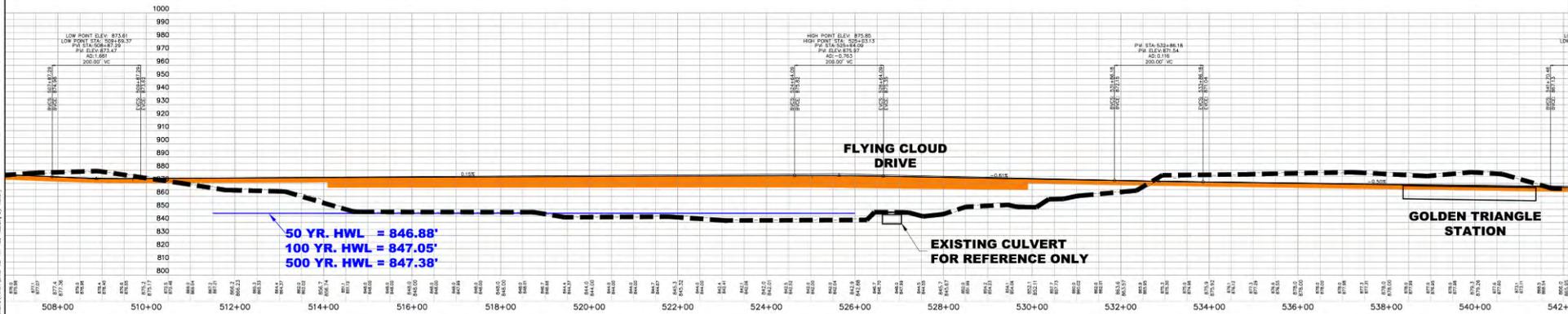
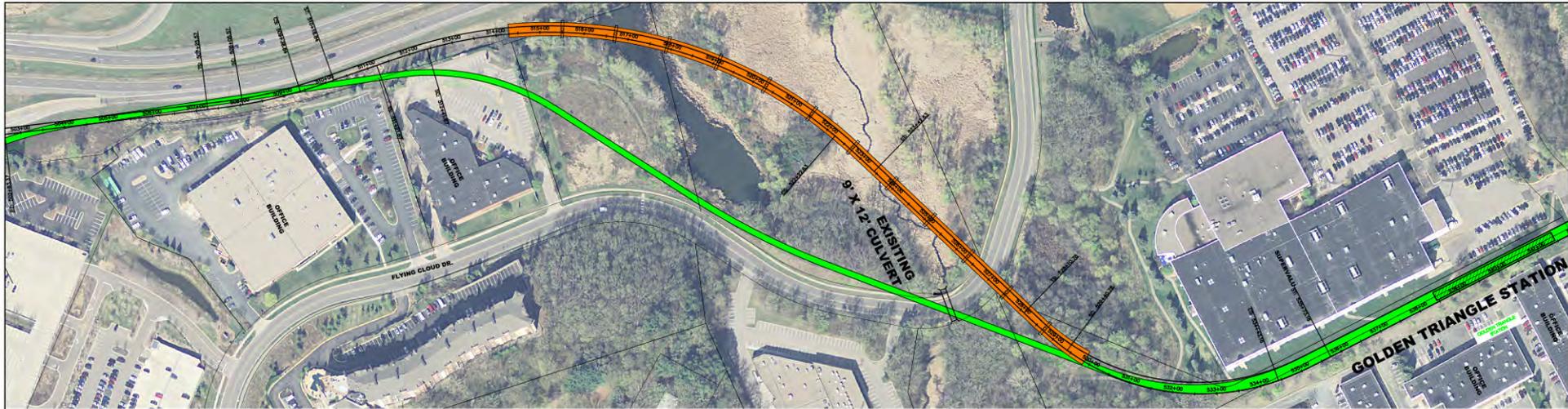
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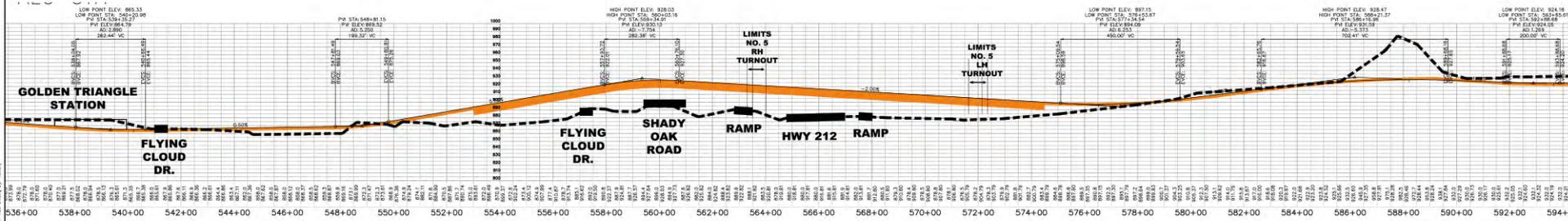
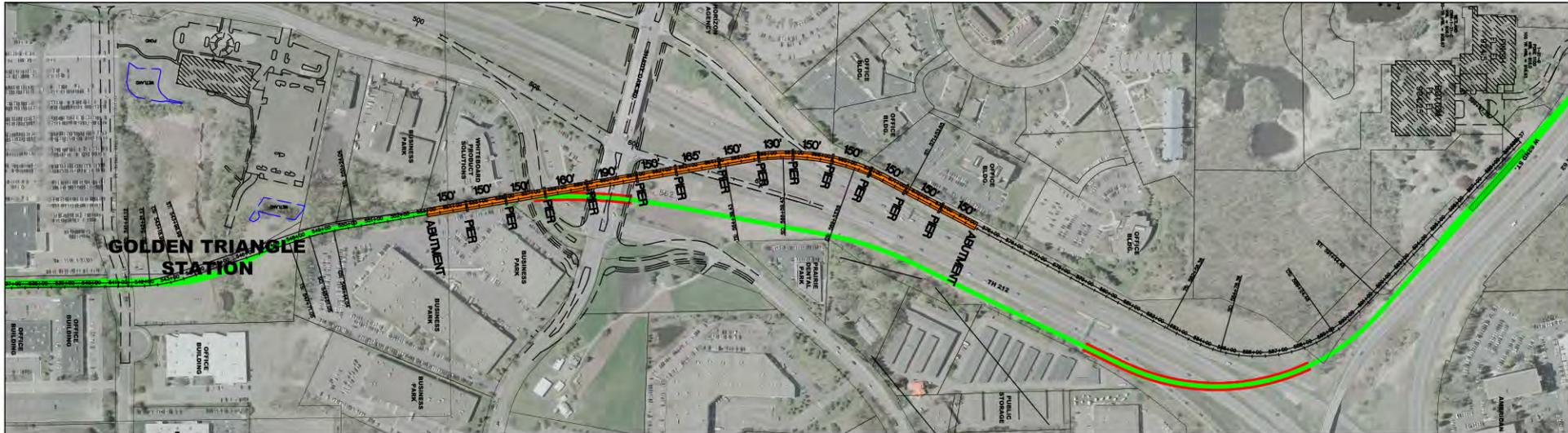
SOUTHWEST LRT
TH1 EDISON AVENUE ALIGNMENT
WALLACE TERMINAL



DRAFT - WORK IN PROCESS



DRAFT - WORK IN PROCESS



DRAFT - WORK IN PROCESS



DRAFT-WORK IN PROCESS

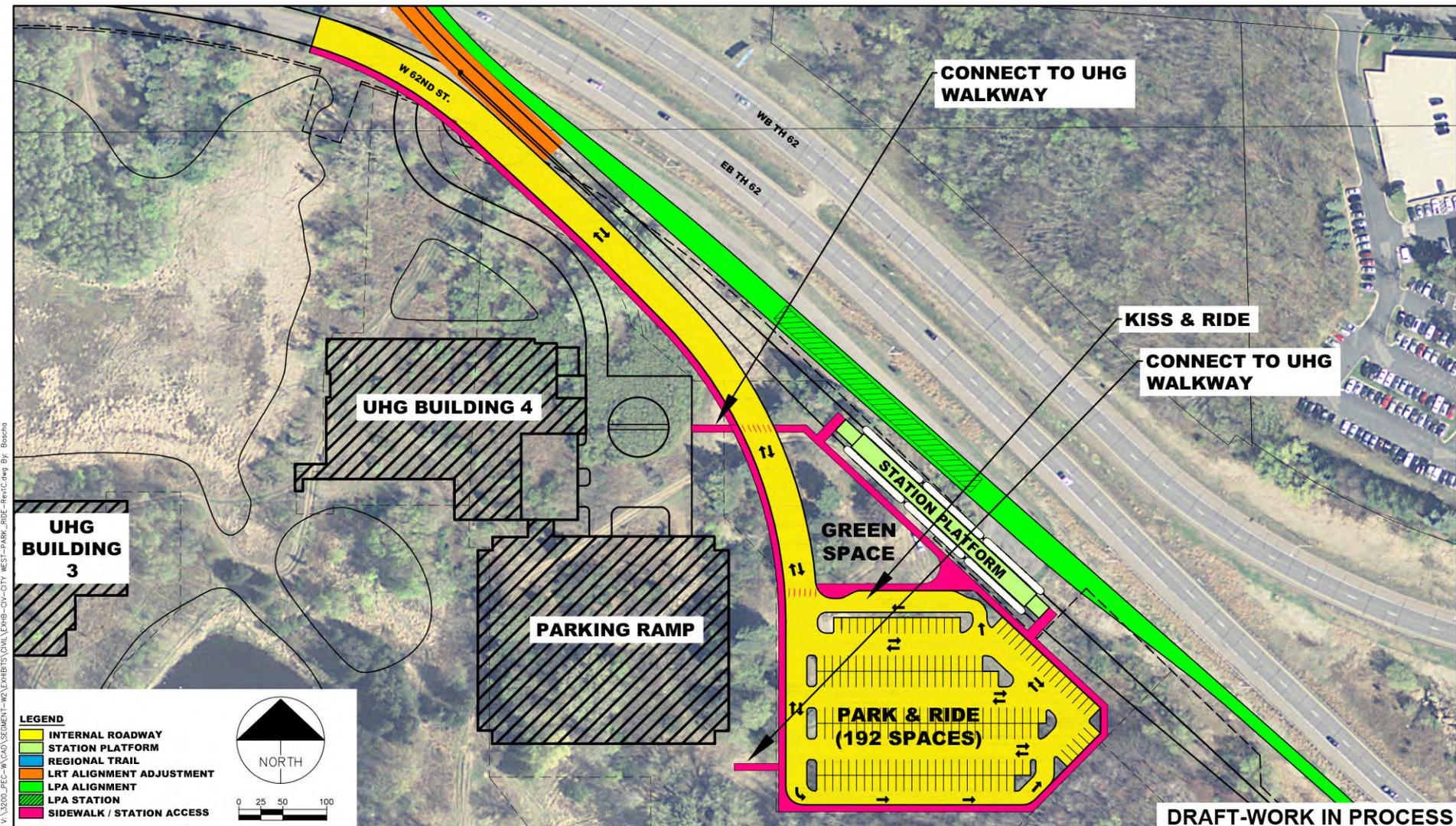


SOUTHWEST LIGHT RAIL

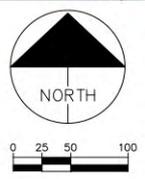
SHADY OAK CROSSING

IRT: 5
REV: 0
DATE: 5/14/2013





- LEGEND**
- INTERNAL ROADWAY
 - STATION PLATFORM
 - REGIONAL TRAIL
 - LRT ALIGNMENT ADJUSTMENT
 - LPA ALIGNMENT
 - LPA STATION
 - SIDEWALK / STATION ACCESS

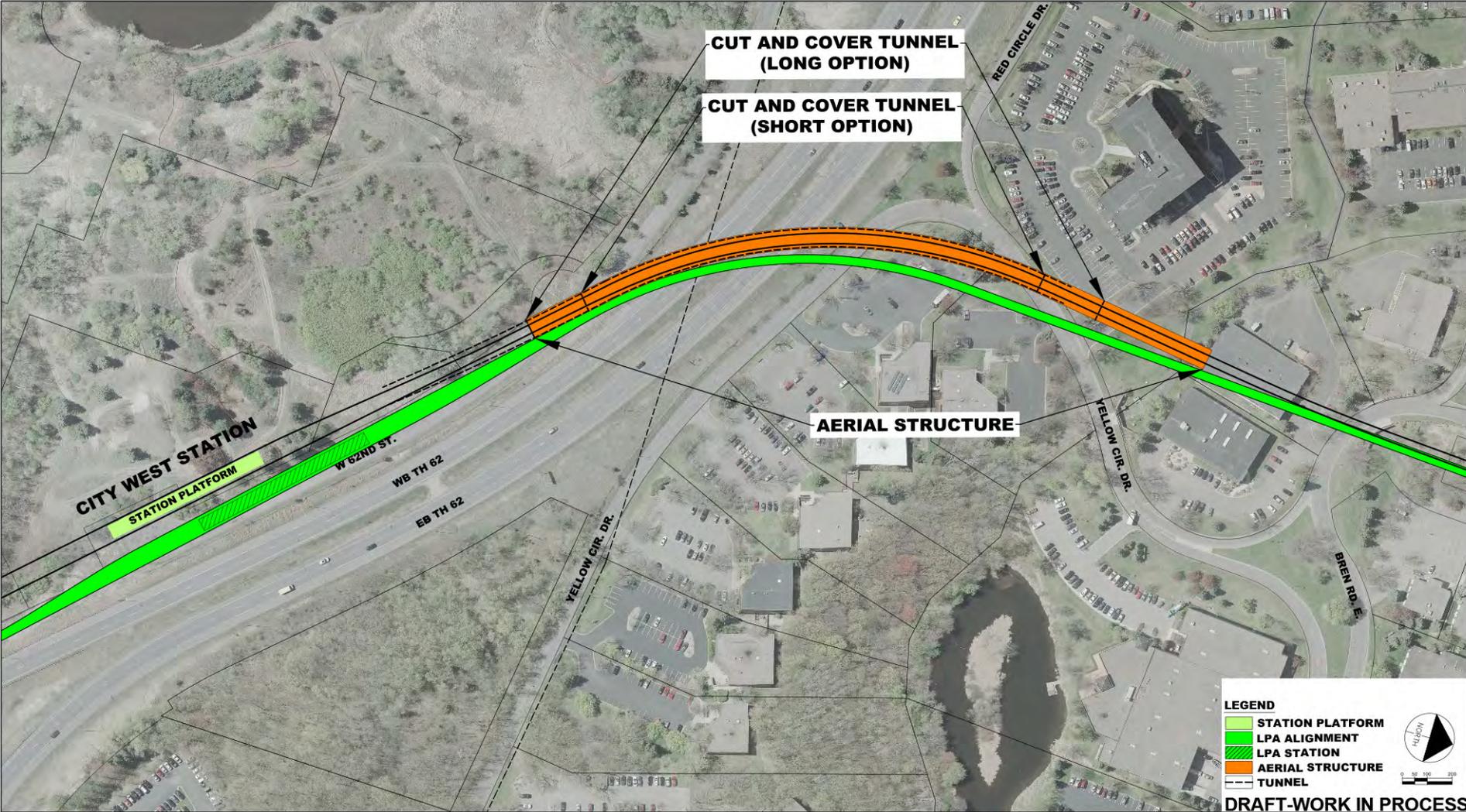


SOUTHWEST LRT
TI-5: CITY WEST STATION

IRT: 5
REV: 1C
DATE :05/07/2013

DRAFT-WORK IN PROCESS

May 07 2013 07:21 am V:\3000_PEC-W_CAD\SEGMENT-M2\EXHIBITS\DM\LA\EMB-CITY WEST-PARK_RIDE-Rev1C.dwg By: Boscho



LEGEND

- STATION PLATFORM
- LPA ALIGNMENT
- LPA STATION
- AERIAL STRUCTURE
- TUNNEL



DRAFT-WORK IN PROCESS

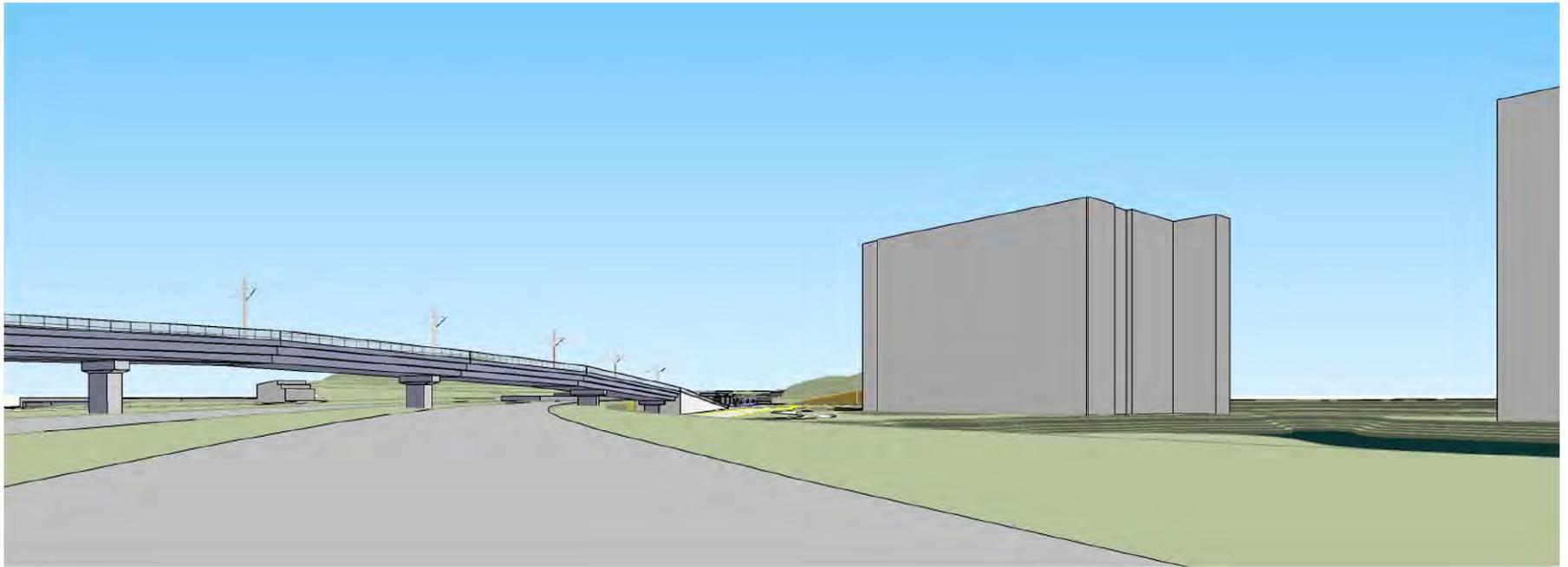


SOUTHWEST LRT
TH 62 CROSSING

IRT: #5
REV: 0
DATE: 05/07/2013



AECOM



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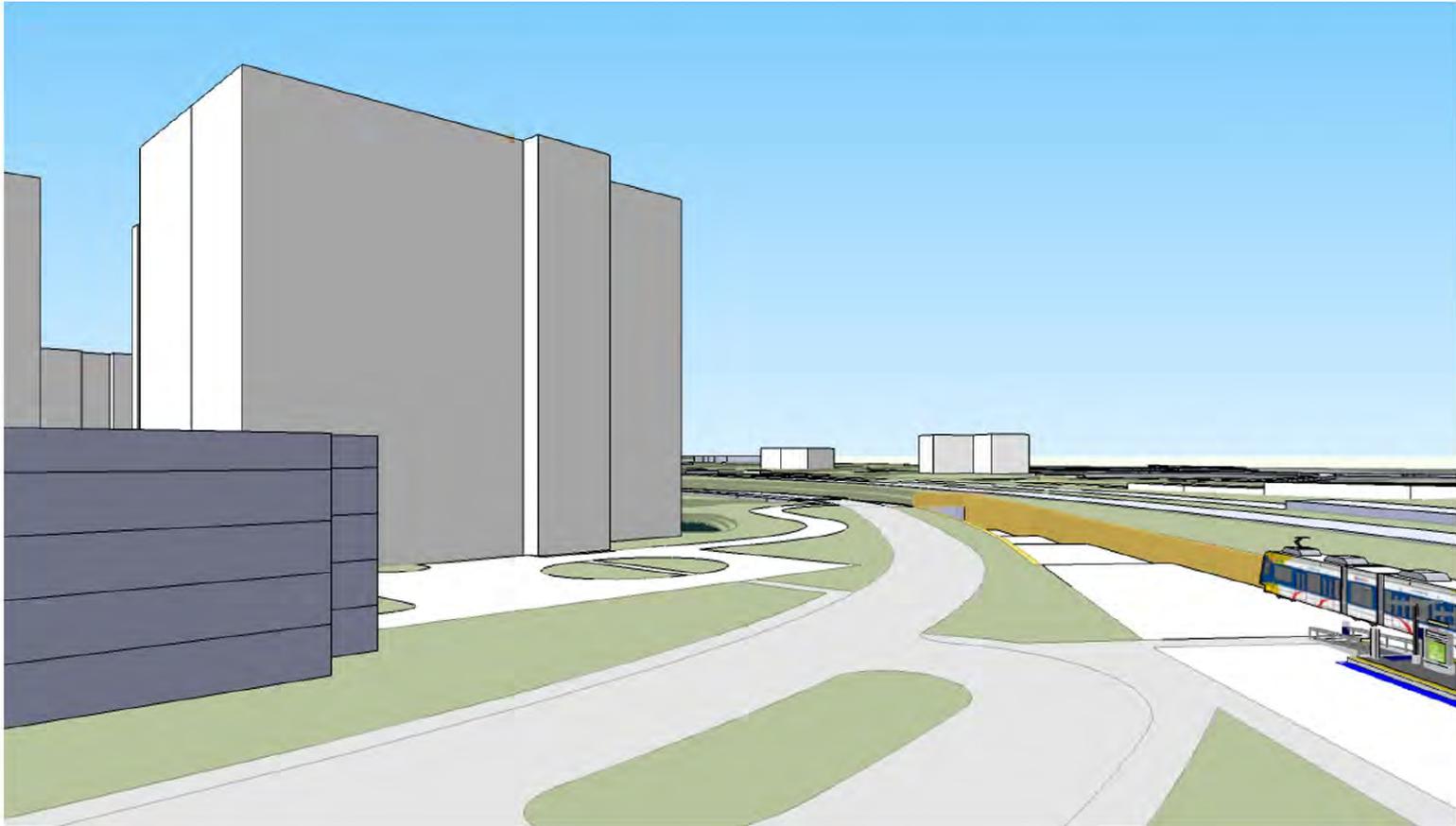


SOUTHWEST LRT
TI-5: T.H. 62 CROSSING
 VIEW LOOKING EAST

IRT: 5
 REV: 0
 DATE :05.07.2013



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DRAFT-WORK IN PROCESS

SOUTHWEST LRT
TI-5: T.H. 62 TUNNEL CROSSING
VIEW LOOKING NORTHWEST

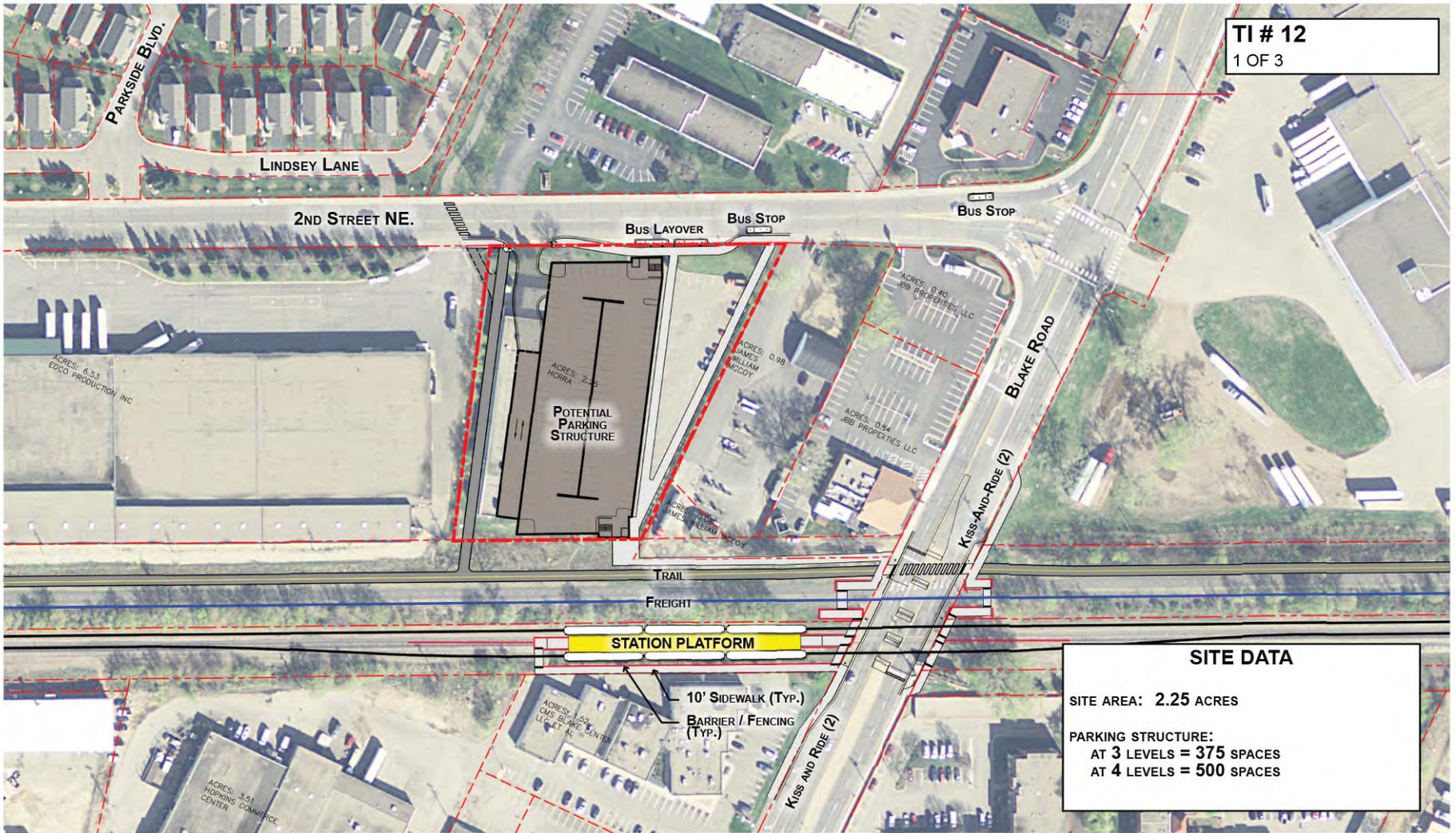
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SITE DATA

SITE AREA: 2.25 ACRES

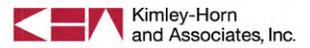
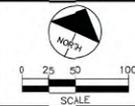
PARKING STRUCTURE:
AT 3 LEVELS = 375 SPACES
AT 4 LEVELS = 500 SPACES

DRAFT-WORK IN PROCESS

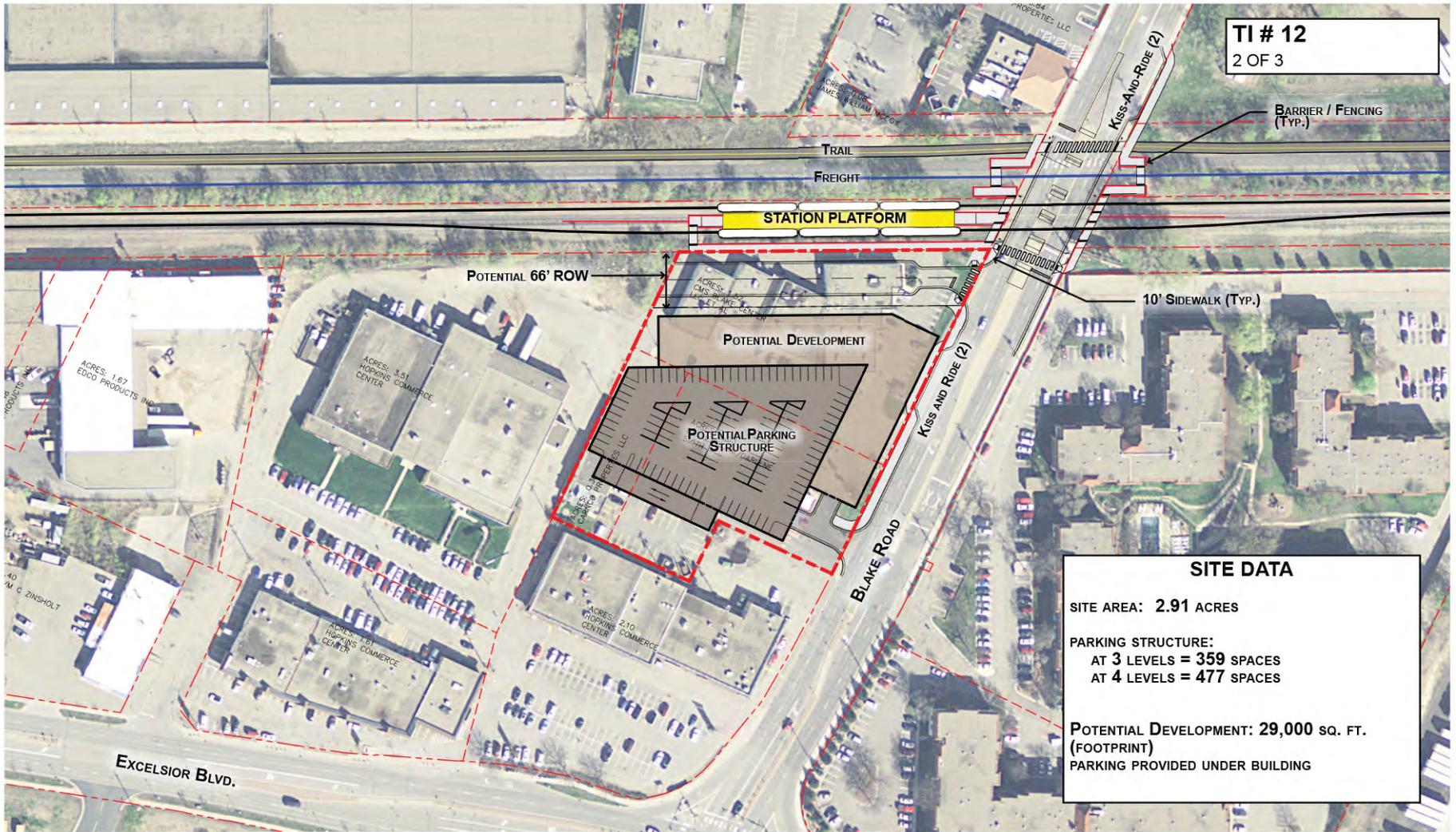


SOUTHWEST LIGHT RAIL
HOPKINS - BLAKE STATION
SITE PLAN - HCRRRA 3

IRT #12
Rev 2
05/09/2013



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TI # 12
2 OF 3

SITE DATA

SITE AREA: 2.91 ACRES

PARKING STRUCTURE:
 AT 3 LEVELS = 359 SPACES
 AT 4 LEVELS = 477 SPACES

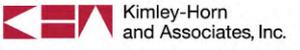
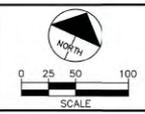
POTENTIAL DEVELOPMENT: 29,000 sq. FT. (FOOTPRINT)
 PARKING PROVIDED UNDER BUILDING

DRAFT-WORK IN PROCESS

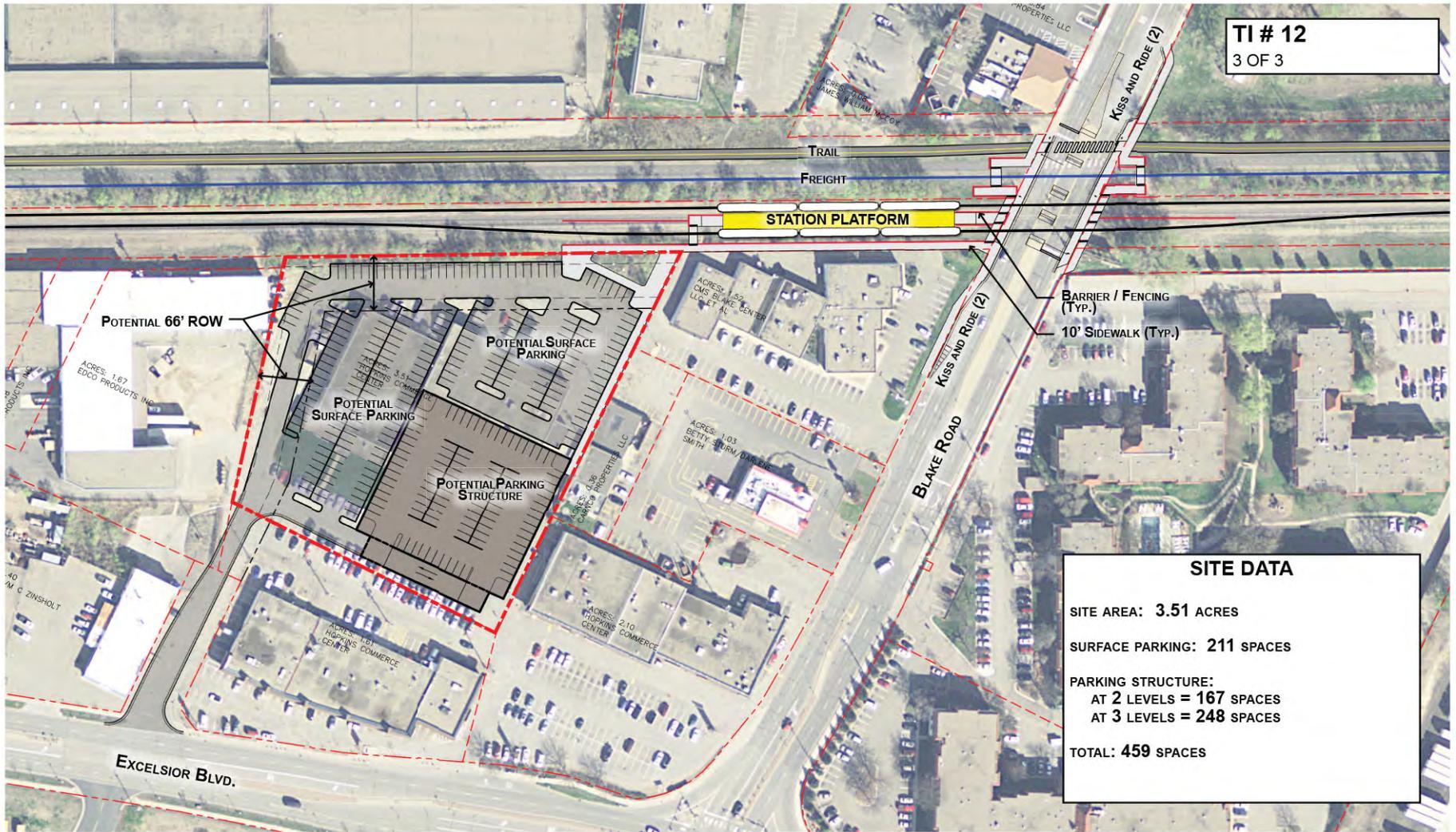


SOUTHWEST LIGHT RAIL
 HOPKINS - BLAKE STATION
 SITE PLAN - 2B.1

IRT #12
 Rev 1
 05/09/2013



M:\09_2013_02\09 pm\1\3000_PEC-E\LOAD\SEGMENT E\1\DRIBETS\CIVIL\1-1\BLAKE STATION-2B.1.dwg By: BuriacCC



TI # 12
3 OF 3

SITE DATA

SITE AREA: 3.51 ACRES

SURFACE PARKING: 211 SPACES

PARKING STRUCTURE:
 AT 2 LEVELS = 167 SPACES
 AT 3 LEVELS = 248 SPACES

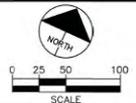
TOTAL: 459 SPACES

DRAFT-WORK IN PROCESS

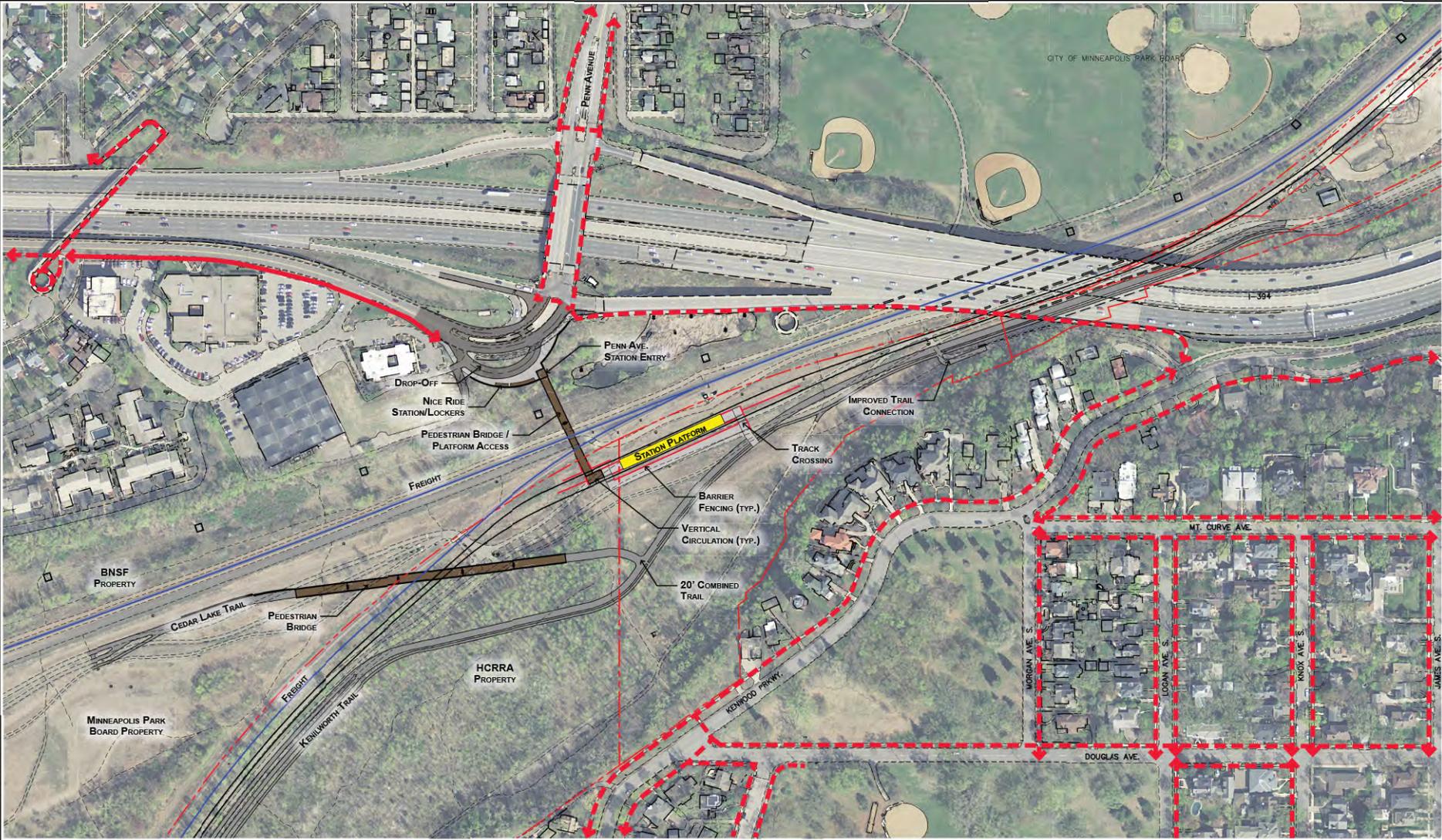


SOUTHWEST LIGHT RAIL
 HOPKINS - BLAKE STATION
 SITE PLAN - 2C.1

IRT #12
 Rev 1
 05/09/2013



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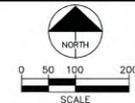


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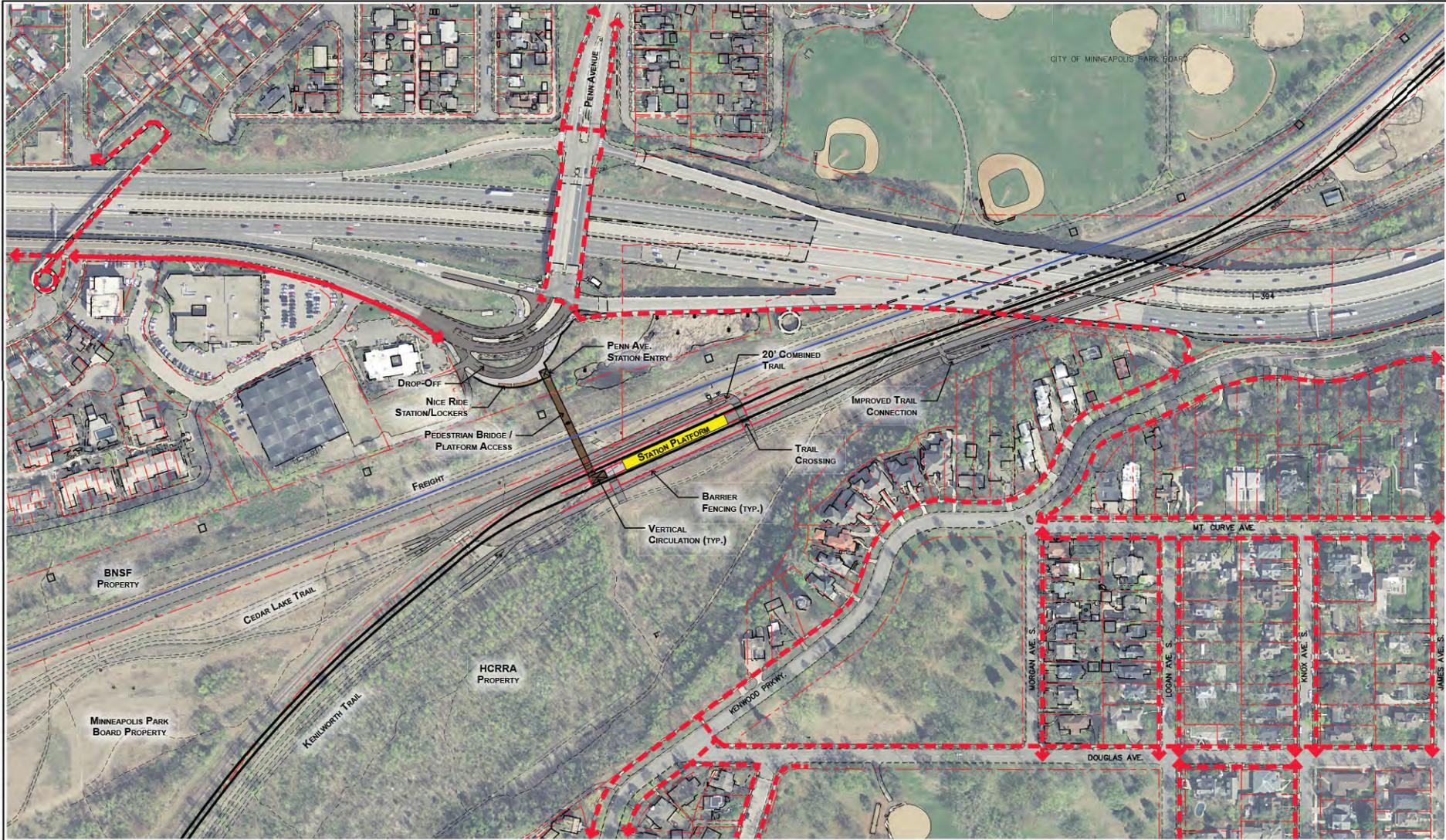


SOUTHWEST LIGHT RAIL
 MINNEAPOLIS - PENN AVENUE STATION
 CO-LOCATION

IRT #19
 Rev 1
 05/07/2013



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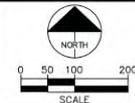


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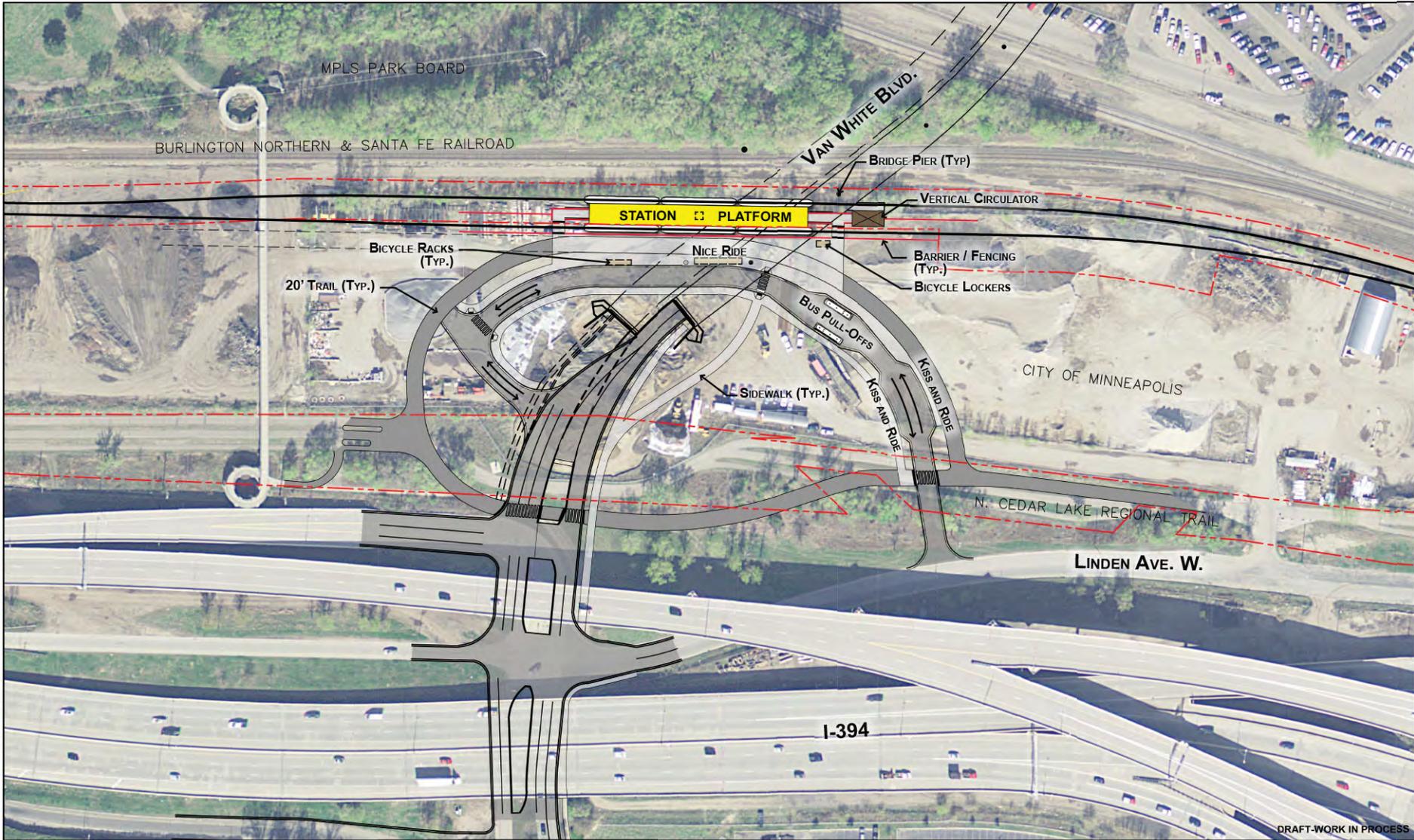
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 MINNEAPOLIS - PENN AVENUE STATION
 RE-LOCATION

IRT #19
 Rev 1
 05/07/2013



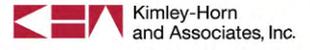
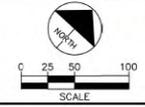
**Kimley-Horn
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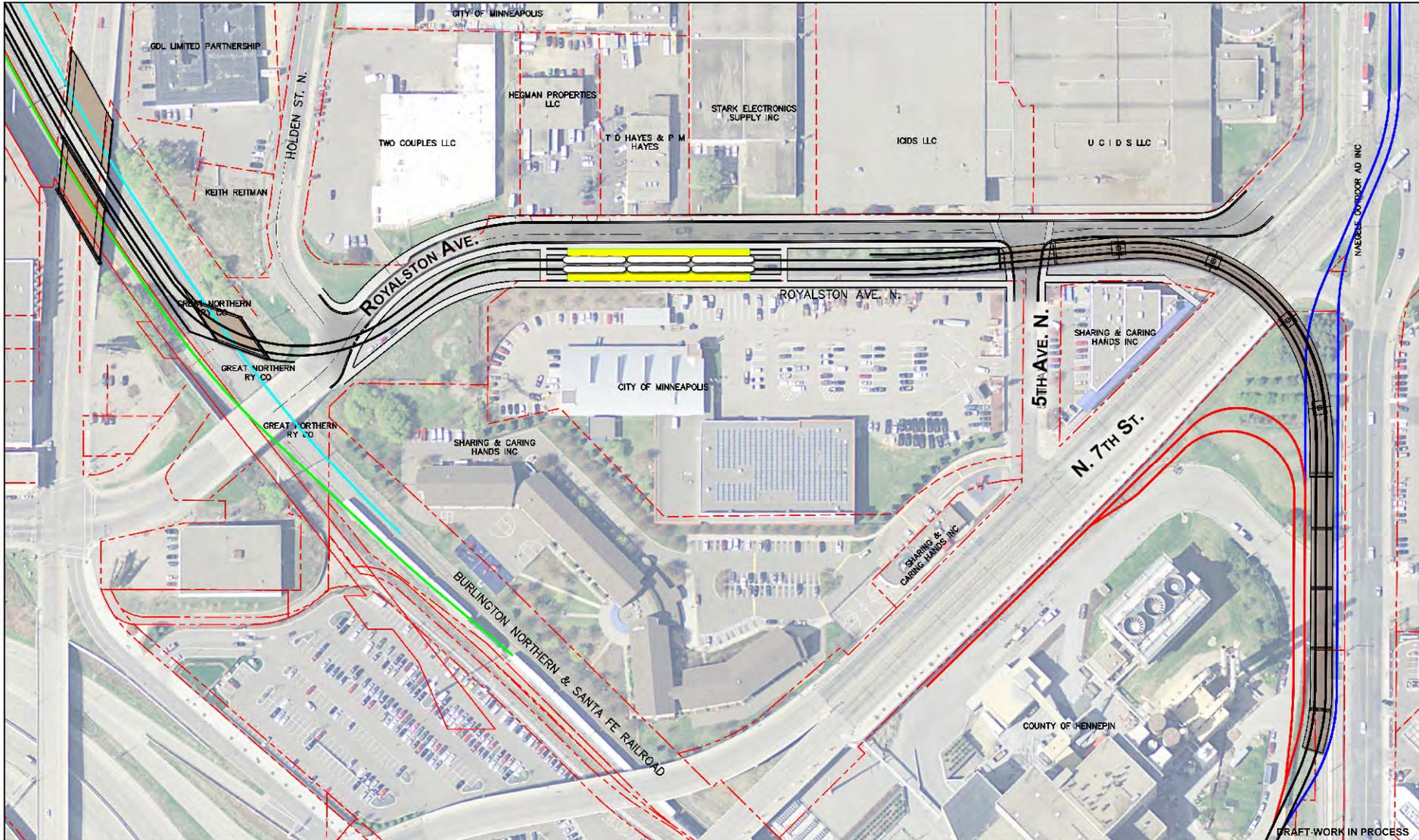


SOUTHWEST LIGHT RAIL
MINNEAPOLIS - VAN WHITE STATION - 7

IRT #19
Rev 1
05/21/2013



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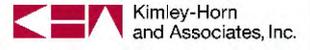
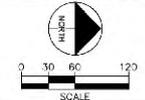


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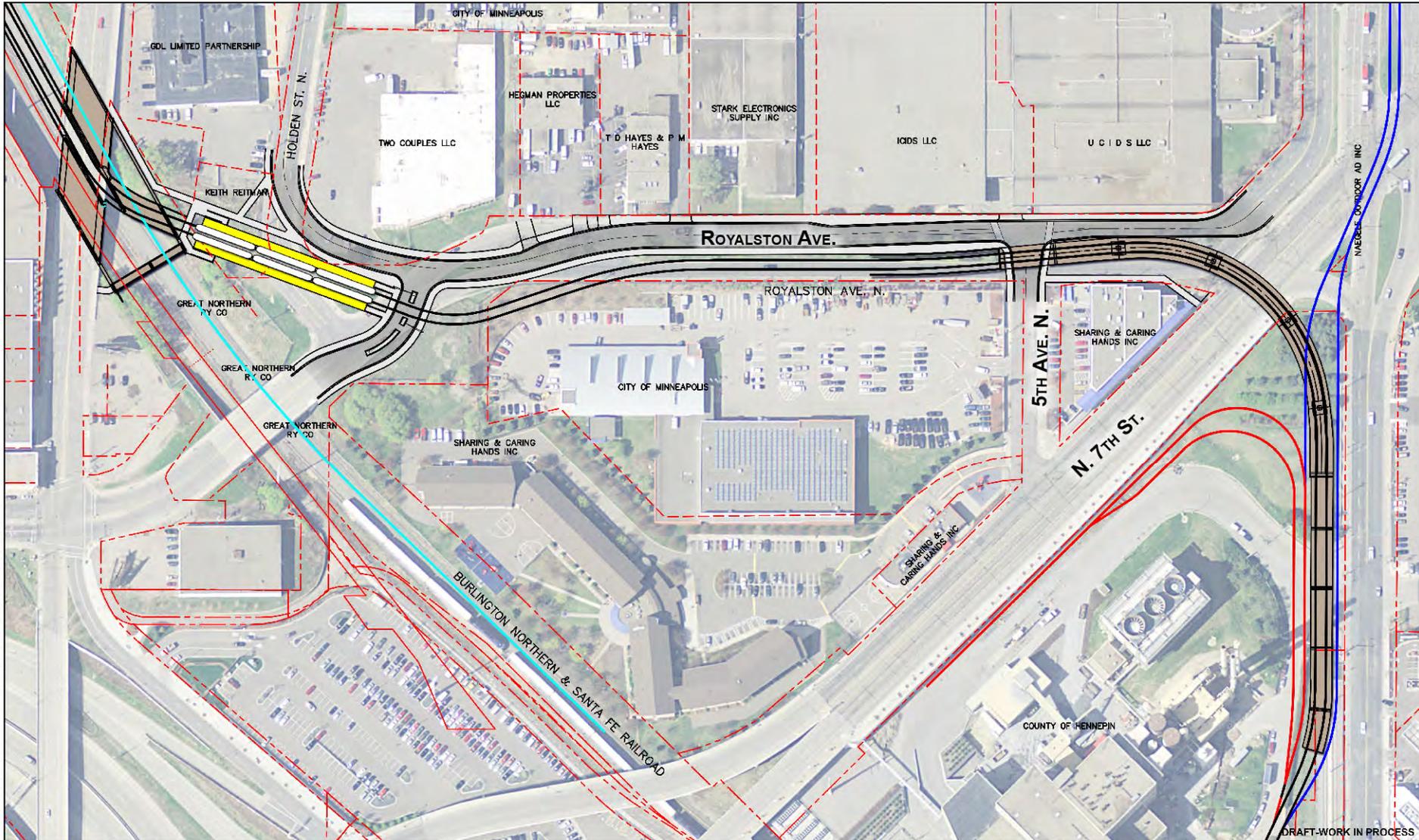


SOUTHWEST LIGHT RAIL
MINNEAPOLIS - ROYALSTON 3B SHIFT

IRT #20
Rev 1
05/07/2013



456_28 0213 0214 p1 V:\3300_PRC-E\341330\CHT E\MAP\OUTS\CM_A\4-Royalston-3a1-3b1.dwg Dy: 05/07/2013



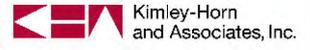
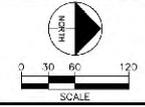
DRAFT-WORK IN PROCESS

454_28 2013 02:16 P.m. V:\3300_PEC-E\43\3300\CHT E\1\K\OUTS\CM\1\4-Royalston-3\specie-3\11c.dwg Dr: wecpah



SOUTHWEST LIGHT RAIL
MINNEAPOLIS - ROYALSTON DIAGONAL SHIFT

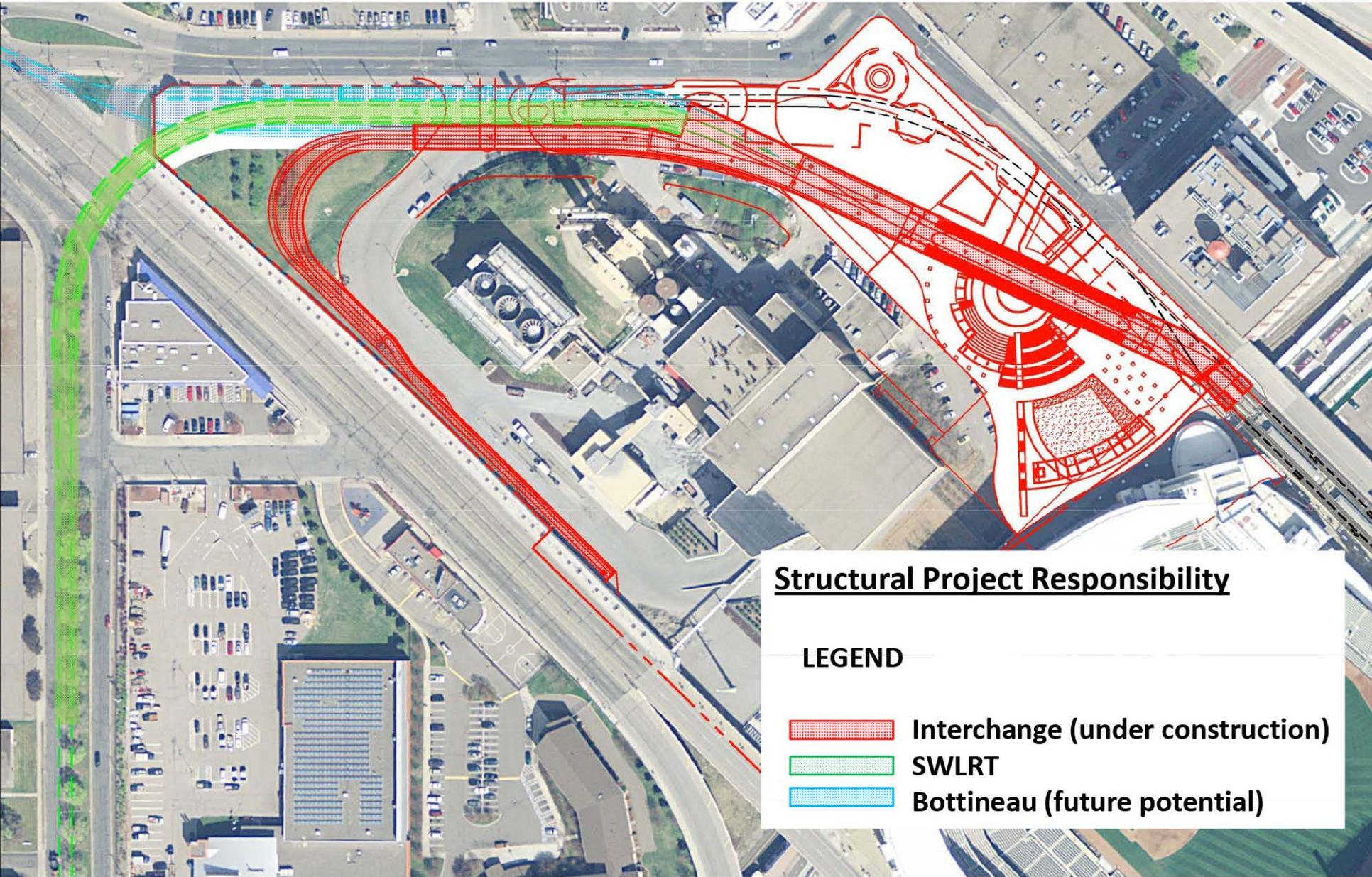
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05/07/2013







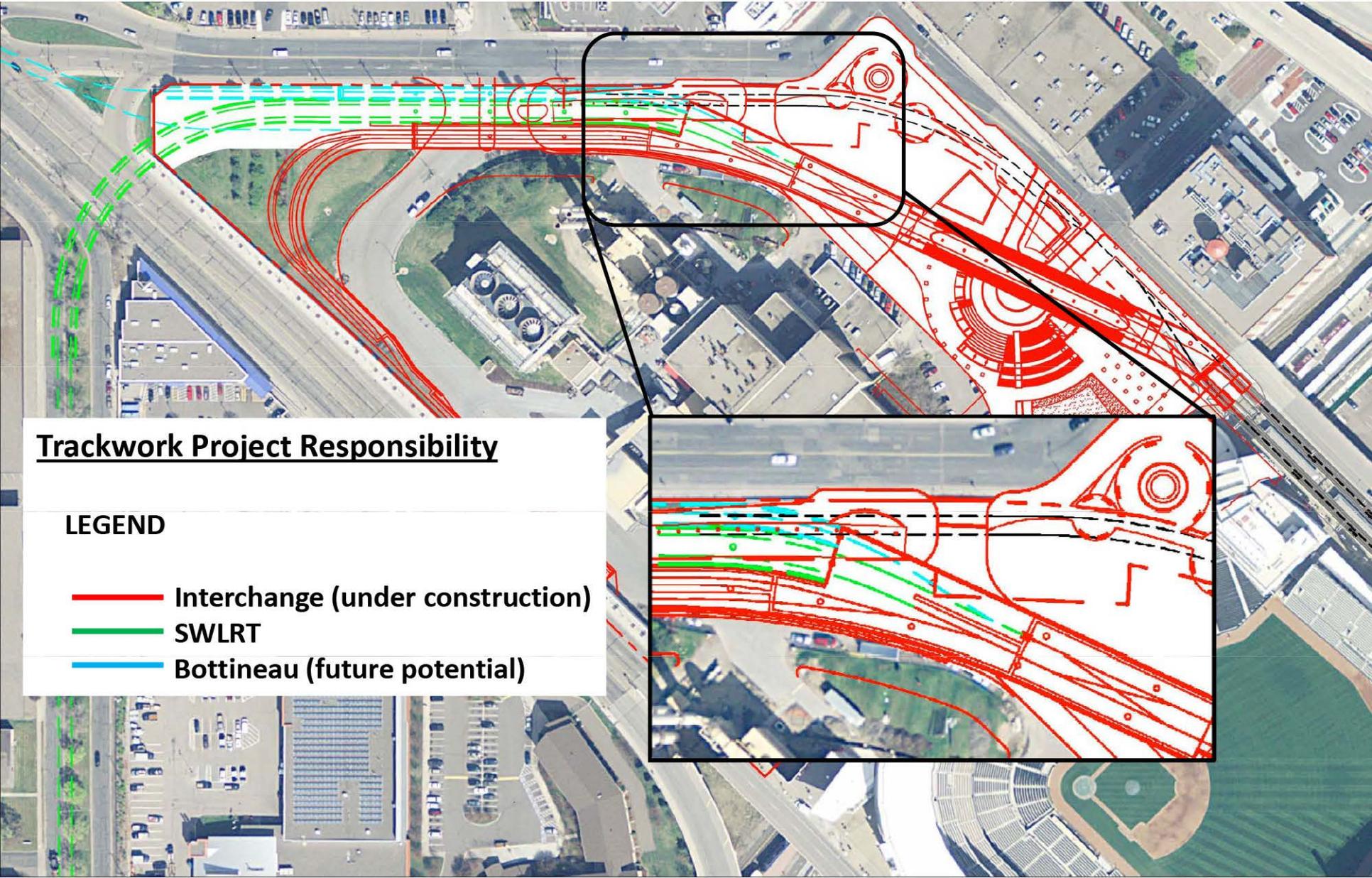




Structural Project Responsibility

LEGEND

-  Interchange (under construction)
-  SWLRT
-  Bottineau (future potential)



Trackwork Project Responsibility

LEGEND

-  Interchange (under construction)
-  SWLRT
-  Bottineau (future potential)

SOUTHWEST

Green Line LRT Extension



Communications and Outreach Update





May 29 BAC Meeting

- Introduction of Co-Chair Daniel Duffy
- Hennepin County Community Works Update
- Technical Issues Discussions:
 - Eden Prairie Alignment Adjustments
 - 9-Mile Creek Crossing
 - Golden Triangle Station
 - Shady Oak Road Crossing
 - City West and TH 212 and TH 62 Flyover Bridges
 - Excelsior Boulevard Crossing
 - Blake Station
 - Penn Station
 - Van White Station
 - Royalston Station/The Interchange Connection
- Member and Committee Reports
- Public Forum



May 30 CAC Meeting

- Hennepin County Community Works Update
- Technical Issues Discussions:
 - Eden Prairie Alignment Adjustments
 - 9-Mile Creek Crossing
 - Golden Triangle Station
 - Shady Oak Road Crossing
 - City West and TH 212 and TH 62 Flyover Bridges
 - Excelsior Boulevard Crossing
 - Blake Station
 - Penn Station
 - Van White Station
 - Royalston Station/The Interchange Connection
- Member and Committee Reports
- Public Forum



BAC Technical Comments

- May 29 BAC Meeting Key Themes/Comments:
 - Eden Prairie Alignment Adjustments
 - Concerned about impacts to traffic and businesses
 - TH 62 Crossing
 - Favors tunnel under TH 62
 - Penn Station
 - Concerned about station viability



CAC Technical Comments

- May 30 CAC Meeting Key Themes/Comments:
 - Eden Prairie Alignment Adjustments
 - Concerned about infrastructure costs and impacts to overall project budget

 - Blake Station
 - Prefer to consolidate parking on south side of station
 - Keep 43 Hoops as a community center

 - Penn Station
 - Grade separation for Cedar Lake Trail



CAC Technical Comments

- May 30 CAC Meeting
Key Themes/Comments:
 - Van White Station
 - Maximize TOD opportunities and green space
 - Royalston/Interchange
 - Prefer station closer to N. 7th St. (3B Shift) for better connections to neighborhoods and attractions



Operations and Maintenance Facility Open Houses

- May 13: Eden Prairie
- May 15: St. Louis Park
- May 22: Minnetonka/Hopkins
- Total: ~175 attendees



Minnetonka/Hopkins



Eden Prairie



May SPO Community Outreach Activities

Date	Group / Event Name	SPO Role
5/1/13	Royalston Business Equity Financial Services Corp.	Collect Data / Share Project Information
5/2/13	Transitional Station Area Action Plan Open House	Share Project Information
5/7/13	Eden Prairie City Council Meeting	Share Project Information
5/8/13	CIDNA Annual Meeting	Share Project Information
5/8/13	Bryn Mawr Annual Meeting	Share Project Information
5/9/13	St. Paul Great River Gathering	Share Project Information
5/11/13	Harrison Neighborhood Association	Share Project Information
5/13/13	Transitional Station Area Action Plan Open House	Share Project Information
5/14/13	West Calhoun Annual Neighborhood Meeting	Share Project Information
5/16/13	St. Louis Park South Oaks Neighborhood	Share Project Information
5/18/13	Eden Prairie Arts in the Park	Share Project Information
5/18/13	Hopkins Mainstreet Days	Share Project Information
5/19/13	St. Louis Park 20th Annual Children First Ice Cream Social	Share Project Information
5/21/13	Harrison Neighborhood Association	Share Project Information
5/23/13	CTS Transportation Research Conference	Share Project Information
5/28/13	St. Louis Park City Council Session	Share Project Information
5/28/13	St. Louis Park School Board Meeting	Share Project Information
5/29/13	Harrison Neighborhood Annual Meeting	Share Project Information
5/30/13	Special Meeting for Potentially Impacted Property Owners	Seek Input, Answer Questions
5/30/13	Eden Prairie Chamber	Share Project information



More Information

Online:

www.SWLRT.org

Email:

SWLRT@metrotransit.org

Twitter:

www.twitter.com/southwestlrt

