

SOUTHWEST

Green Line LRT Extension



Joint Business and Community Advisory Committee Meeting

July 25, 2013



Today's Topics

- Welcome and Introductions
- Supplemental Draft Environmental Impact Statement (SDEIS) Update
- Project Scope and Cost Estimate Presentation
- Summary of BAC/CAC Comments
- Adjourn



SOUTHWEST

Green Line LRT Extension



Supplemental Draft Environmental Impact Statement Update



SOUTHWEST

Green Line LRT Extension



Project Scope and Cost Estimates





Project Scope and Cost Estimate

- Project scope refinement during Project Development
 - Reflects input and coordination:
 - DEIS comments – received 900+ public comments
 - City/Agency input – held 100+ Issue Resolution Team meetings
 - Project advisory input - BAC, CAC, SWCMC
 - Public input received from 13 public open houses (1000+ public comments) and 155+ community/stakeholder meetings
 - TSAAP coordination
 - Follows guiding principles for major scoping decisions
 - Establishes scope for Municipal Consent Plans
 - Provides context for continued discussions with stakeholders as project moves forward



SWLRT Project Development 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



PEC West



PEC East



Joint PEC West/PEC East

9. PEC West/PEC East Interface Point

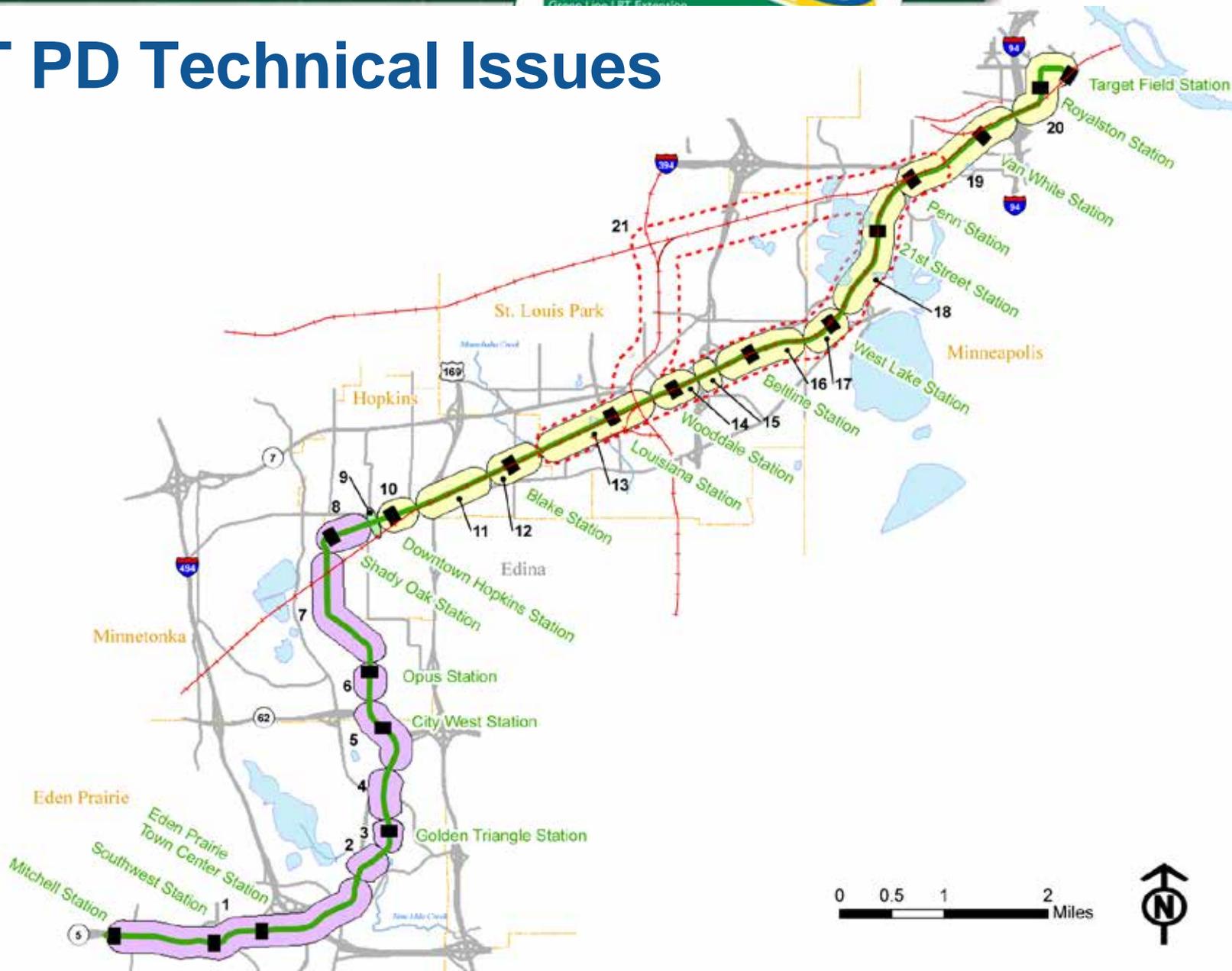
10. Downtown Hopkins Station
11. Excelsior Blvd. Crossing
12. Blake Station
13. Louisiana Station
14. Wooddale Station
15. TH 100
16. Beltline Station
17. West Lake Station
18. Kenilworth Corridor
19. Bassett Creek Valley Corridor
20. Royalston Station/Interchange Project Coordination
21. Freight Rail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

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





Principles for SWLRT Major Scoping Decisions (see handout)

- Purpose
 - Establish a set of decision-making principles that are clear and transparent
 - Address concerns raised in the DEIS public comment process
 - Evaluate project elements in a consistent manner

Southwest LRT Principles for Major Scoping Decisions



April 4, 2013

The Preliminary Engineering (PE) phase of the Southwest LRT project (SWLRT) will require decisions affecting the size, design, features and cost of the project. Because these decisions have the potential for impacting and/or benefiting the communities along the corridor, the Metropolitan Council (Council) established a set of principles that provide a clear and transparent process for making project scope refinements. These guiding principles will be used to evaluate alternatives and make informed decisions on project scope refinements and address concerns raised in the DEIS public comment process.

After seeking feedback from project partners and advisory committees, including the Business and Community Advisory Committees and the Corridor Management Committee, the Council adopted the following guiding principles on March 27, 2013. The principles are not listed in order of priority or weight.

- Comply with current federal and state laws, rules and guidelines;
- Follow Regional Transitway Guidelines, regional policies and regional plans adopted by the Metropolitan Council and follow best business practices of the Council;
- Follow SWLRT Design Criteria, including criteria for safety and security;
- Positively impact (increase) the Federal Transit Administration (FTA) rating criteria;
- Positively impact (increase) ridership;
- Positively impact (increase) land use, economic development and access to affordable housing by coordinating with local station area plans;
- Positively impact (increase) equity so that community benefits and burdens are equally shared. The opportunities and challenges of growth and change are equitably shared across our communities, both geographic and cultural;
- Positively impact (increase) environmental benefits;
- Positively impact (increase) use of the intermodal transportation network including bus, light rail, trails and sidewalks;
- Positively impact (decrease) or not impact the project schedule;
- Positively impact (decrease) capital cost;
- Positively impact (decrease) operating cost; and
- Actively engage and encourage input from interested persons and impacted communities via public involvement and established advisory committees process.



Project Scope and Cost Rollout

- Design adjustments and cost estimates
 - Technical Issues (TI) #2 – 20, 22, 24 and 25
 - Big three TI's
 - TI #23 Operations and Maintenance Facility (OMF)
 - TI #1 Eden Prairie Alignment
 - TI #21 Freight Rail Co-location/Relocation



Overall Cost Estimate Methodology

- Cost Estimates
 - Total Project costs include capital improvements, ROW acquisition, contingency and design related costs
 - Based on 2013 Costs
 - Costs are cited in Year of Expenditure (\$YOE)



Technical Issues

#2 – 20, 22, 24 and 25

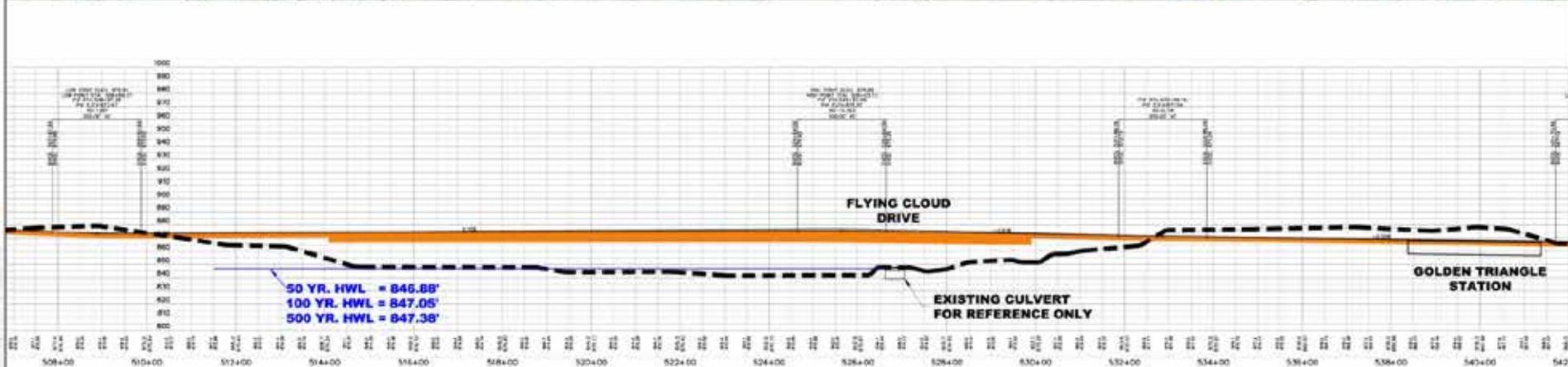
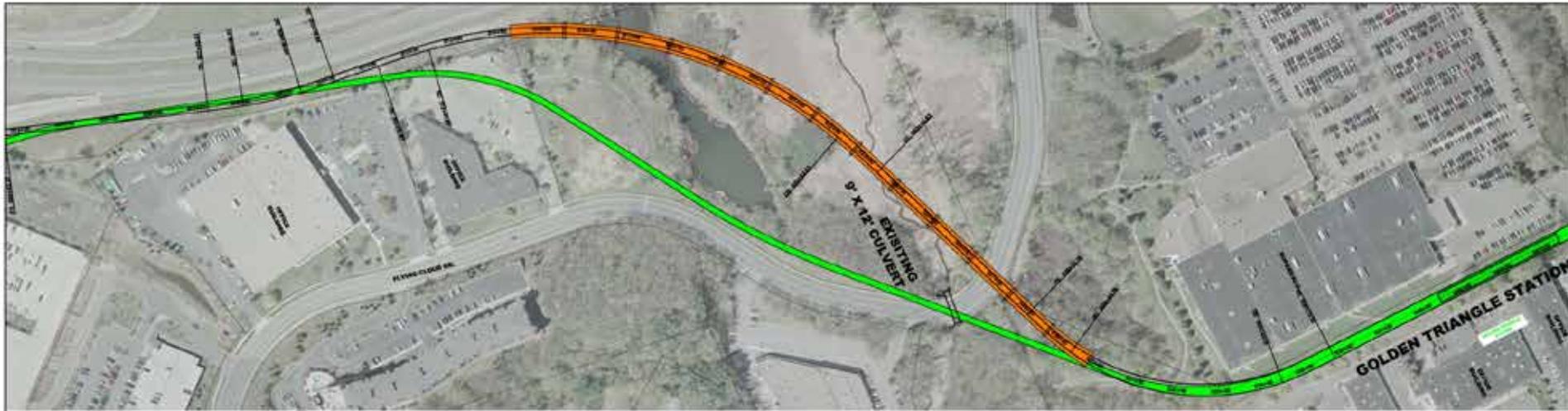


TI #2: 9-Mile Creek Crossing

- Design adjustment:
 - Bridge structure over Flying Cloud Drive
- Benefits:
 - Minimizes property acquisition
 - Avoids modifications to Flying Cloud Drive and impacts to charter school
- Revised design cost estimate: \$33 M (LPA Δ +\$17 M)
- Primary cost driver:
 - Bridge structure over Flying Cloud Drive



TI #2: 9-Mile Creek Crossing



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SOUTHWEST LRT
TI -2: NINE MILE CREEK CROSSING

WT #2
REV 1
DATE 08/16/2013



AECOM

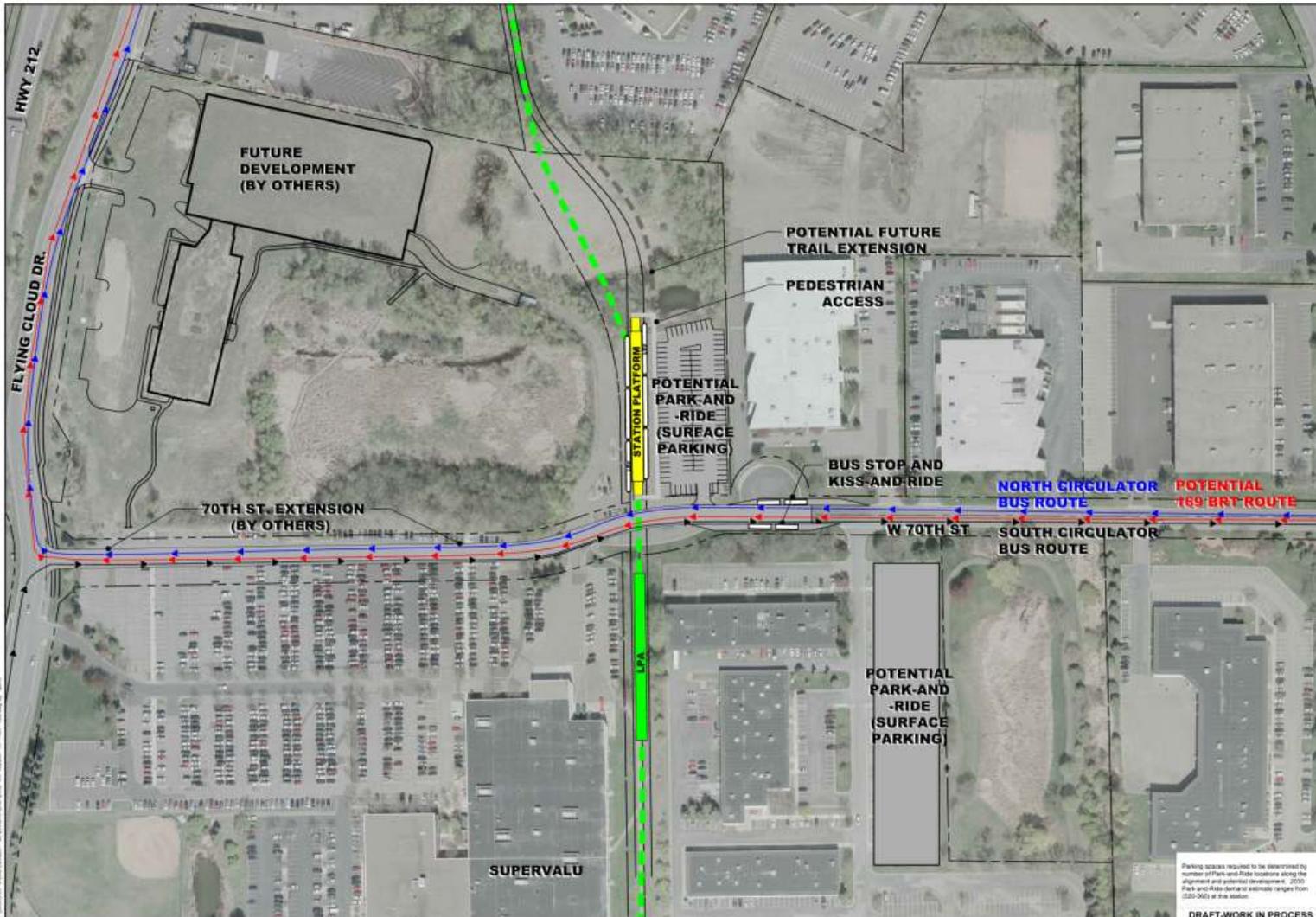


TI #3: Golden Triangle Station

- Design adjustments:
 - Station platform
 - P&R – 275 surface spaces
- Benefits:
 - Station location accommodates future development
- Revised design cost estimate: \$15 M (LPA Δ +\$3 M)
- Primary cost drivers:
 - Land bridge for track/station over soft soils
 - ROW acquisition



TI #3: Golden Triangle Station



Parking areas required to be determined by number of Park-and-Ride locations along the alignment and potential development. 2000 Park-and-Ride demand estimate range from (200-500) at the station.

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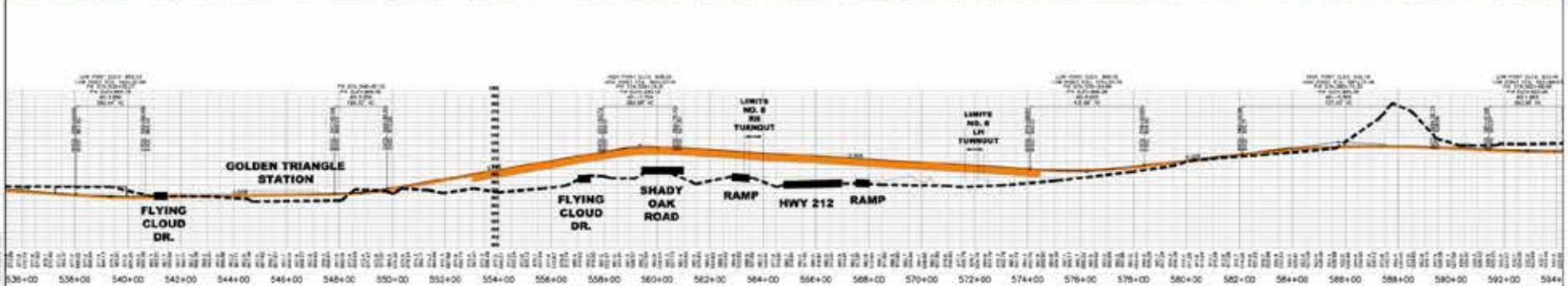


TI #4: Shady Oak Road & TH 212 Crossings

- Design adjustment:
 - Change in type and location of LRT crossing of Shady Oak Road and TH 212
- Benefits:
 - Coordinates with City-led Shady Oak Road improvements
 - Combines Shady Oak Road and TH 212 crossings into single bridge



TI #4: Shady Oak Road & TH 212 Crossings



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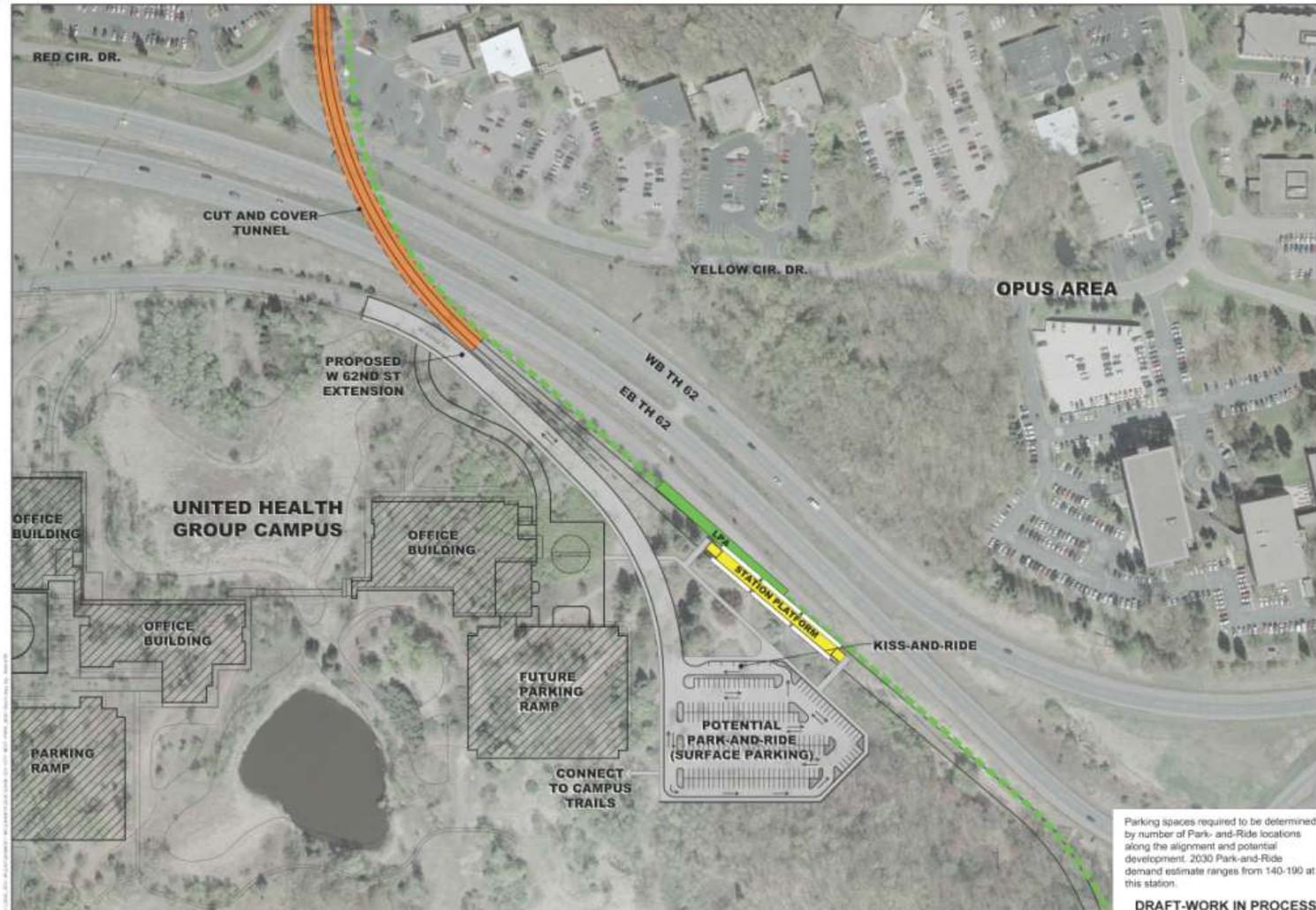


TI #5: City West Station & TH 62 Crossing

- Design adjustments:
 - Station and alignment location
 - TH 62 crossing to cut and cover tunnel
 - P&R: 190 surface spaces
- Benefits:
 - At-grade station provides improved access and capital cost savings over LPA
 - Tunnel preserves future opportunities for development infill within Opus
 - Tunnel provides capital cost savings over LPA bridge



TI #5: City West Station & TH 62 Crossing





TI #4: Shady Oak Road & TH 212 Crossings

TI #5: City West Station & TH 62 Crossing

- Revised design cost estimate: \$94 M (LPA Δ -\$2 M)
- Primary cost savers:
 - Tunnel under TH 62
 - ROW acquisition
 - Platform at-grade



TI #6: Opus Station

- Design adjustments:
 - Station location
 - Trail connections
 - P&R: 90 surface spaces
- Benefits:
 - Station location accommodates future development
- Revised design cost estimate: \$13 M (LPA Δ +\$0 M)



TI #6: Opus Station



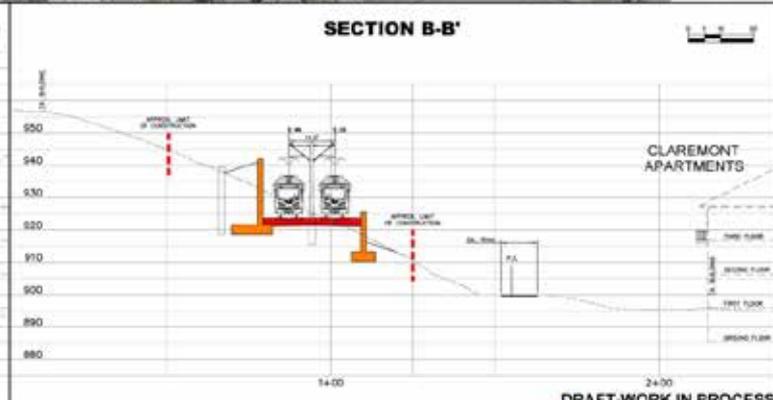
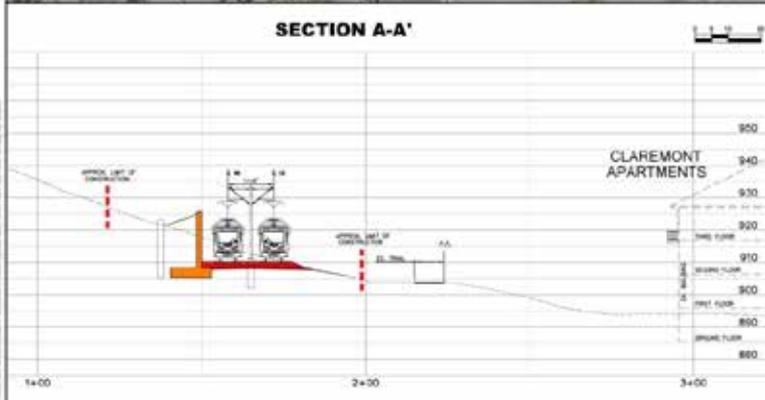
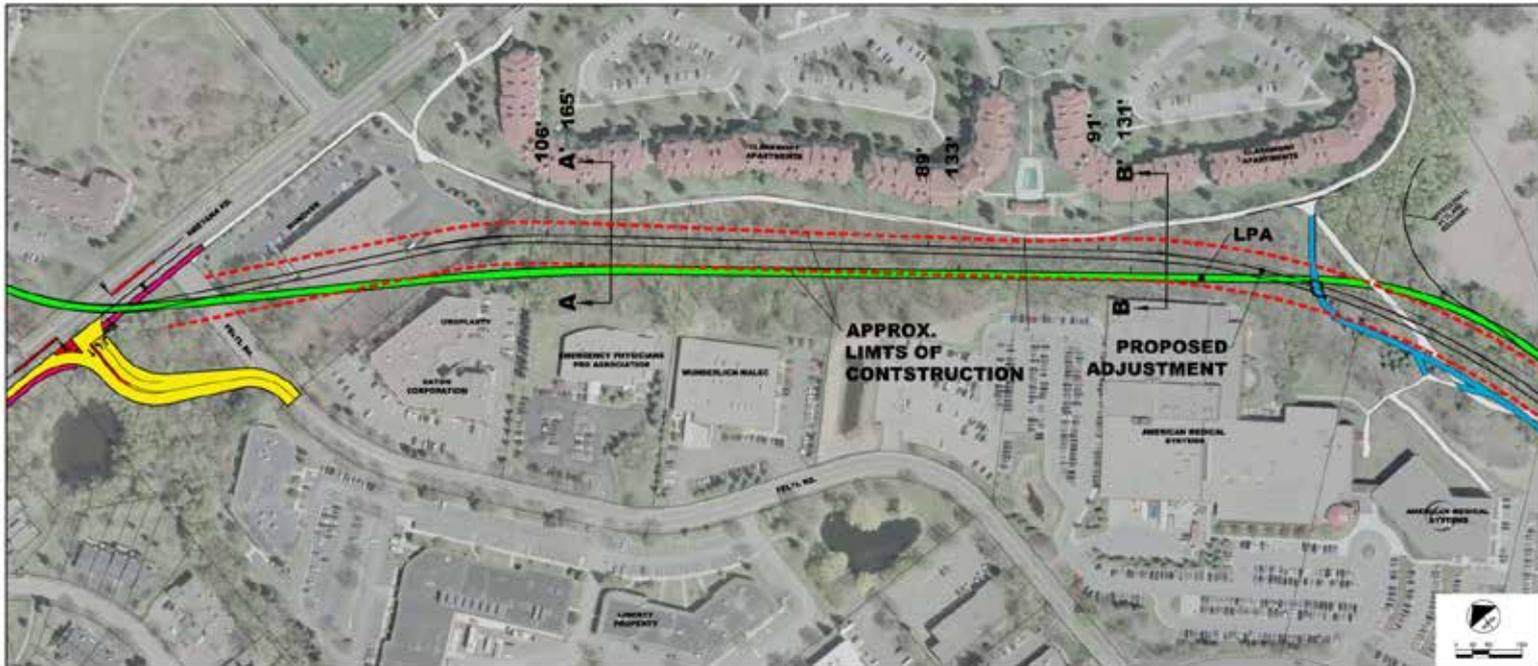


TI #7: Opus Hill

- Design adjustments:
 - Track alignment
 - Roadway connection at Feltl Road and Smetana Road
- Benefits:
 - Avoids wetland
 - Improves crossing at Smetana Road



TI #7: Opus Hill



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SOUTHWEST LRT
TI #7 OPUS HILL

REV: 0
DATE: 06/20/13





TI #7: Minnetonka/Hopkins Bridge

- Design adjustment:
 - Define bridge type
- Benefits:
 - Efficient and simple construction



TI #7: Minnetonka/Hopkins Bridge



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SOUTHWEST LRT
T1-7: MINNETONKA / HOPKINS BRIDGE

IRT #7
REV: 0
DATE 06/12/2013



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TI #7: Minnetonka/Hopkins Bridge



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SOUTHWEST LRT
TI-7: MINNETONKA/HOPKINS BRIDGE
VIEW LOOKING SOUTHEAST

IRT: 7
REV: 0
DATE: 06.12.2013





TI #7: Opus Hill & Minnetonka/Hopkins Bridge

- Revised design cost estimate: \$74 M (LPA Δ -\$13 M)
- Primary cost saver:
 - Bridge structure over CP's Bass Lake Spur tracks and wetlands

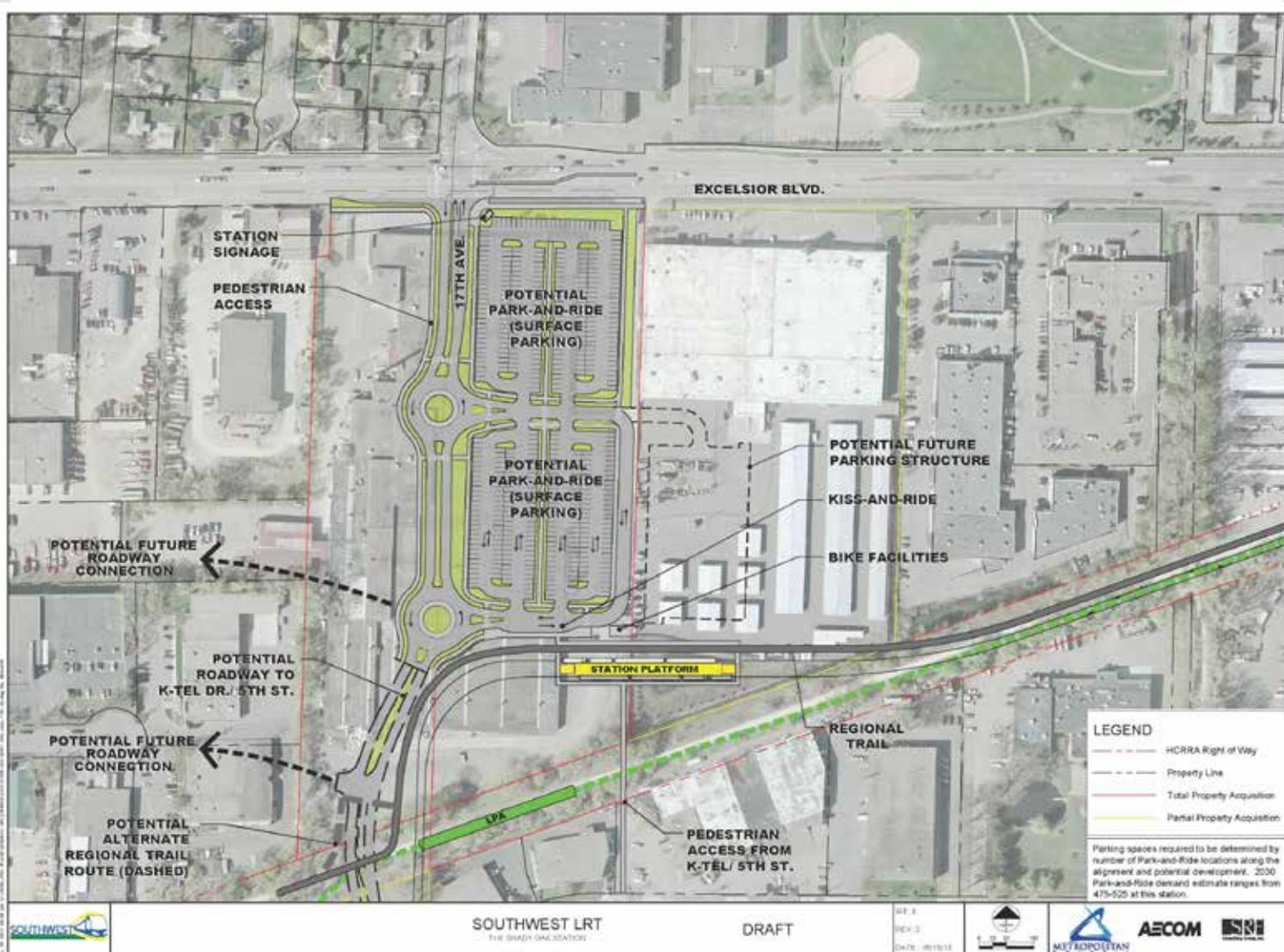


TI #8: Shady Oak Station

- Design adjustments:
 - Adjust alignment and station
 - Extends 17th Avenue South
 - P&R: 500 surface spaces
- Benefits:
 - Station location accommodates future development
- Design adjustment cost estimate: \$49 M (LPA Δ -\$6 M)
- Primary cost saver:
 - ROW acquisition



TI #8: Shady Oak Station





TI #9: PEC-West & PEC-East Interface

- Design adjustments:
 - No adjustments; engineering coordination point



TI #10: Downtown Hopkins Station

- Design adjustments:
 - Bus facilities
 - Preserves space for civic plaza
- Benefits:
 - Provides convenient connection to downtown Hopkins



TI #11: Excelsior Boulevard Crossing

- Design adjustment:
 - Location of freight rail tracks and LRT tracks
- Benefits:
 - Allows stations east of Excelsior Boulevard to be located on south side of corridor



TI #11: Excelsior Boulevard Crossing



SOUTHWEST LIGHT RAIL
HOPKINS - EXCELSIOR CROSSING
CAST IN PLACE POST-TENSIONED CONCRETE BOX BRIDGE

IRT #11
Rev 2
05/29/2013



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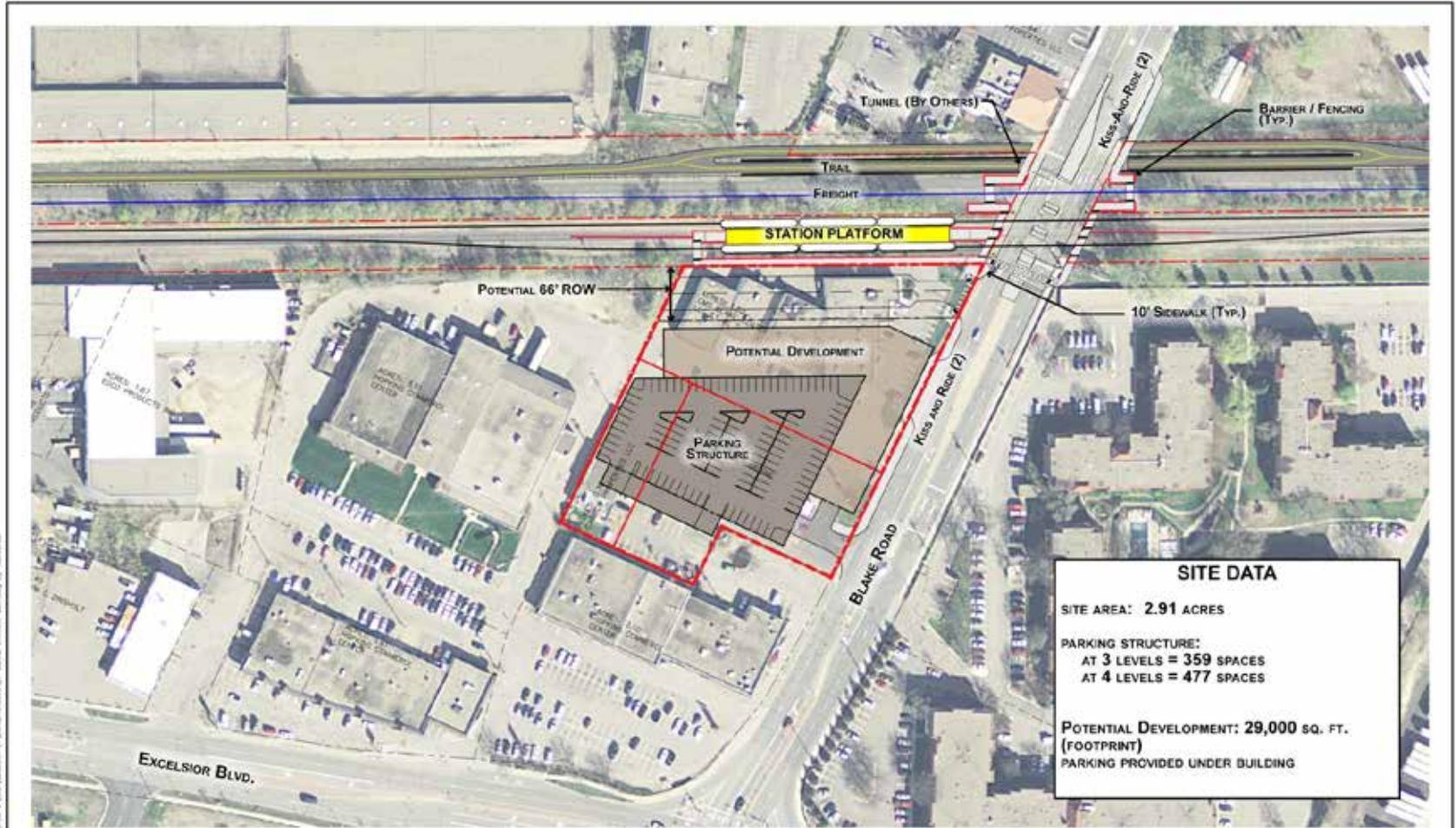


TI #12: Blake Station

- Design adjustments:
 - Location of freight rail tracks and LRT tracks
 - P&R: 445 structured spaces
- Benefits:
 - Station and P&R location accommodate future/joint development



TI #12: Blake Station



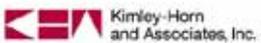
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PARKING STRUCTURE:	
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AT 4 LEVELS =	477 SPACES
POTENTIAL DEVELOPMENT:	29,000 SQ. FT. (FOOTPRINT)
	PARKING PROVIDED UNDER BUILDING

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

IRT #12
Rev 1
05/09/2013





TI #10: Downtown Hopkins Station

TI #11: Excelsior Boulevard Crossing

TI #12: Blake Station

- Revised design cost estimate: \$85 M (LPA Δ +\$22 M)
- Primary cost drivers:
 - Structured parking and ROW acquisition for Blake Station P&R
 - Longer bridge structure over Excelsior Boulevard to swap freight rail and LRT

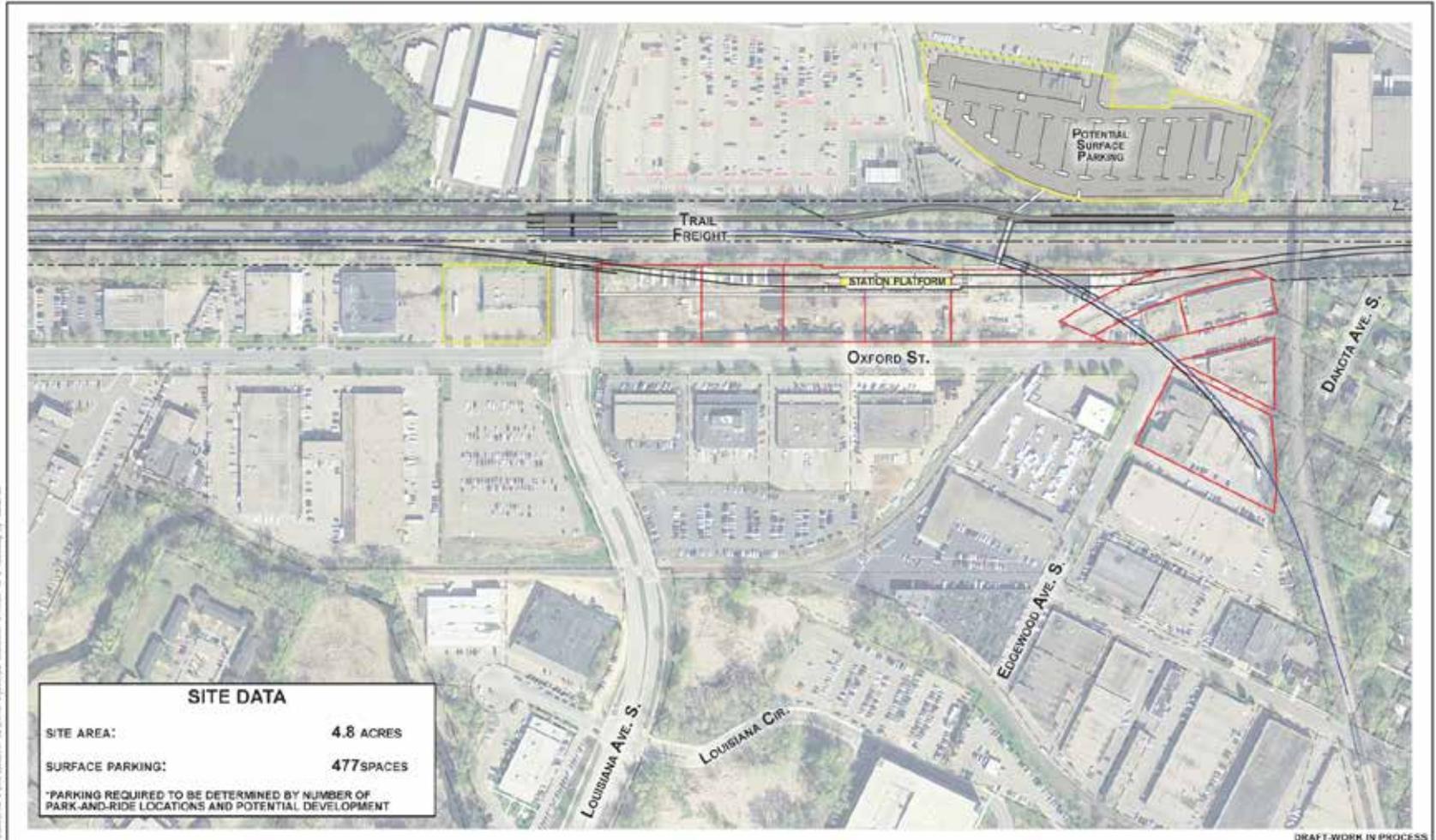


TI #13: Louisiana Station

- Design adjustments:
 - Location of freight rail tracks and LRT tracks
 - Grade of station location
 - P&R: 225 surface spaces
- Benefits:
 - Station located closer to hospital and housing
 - Provides better access to station

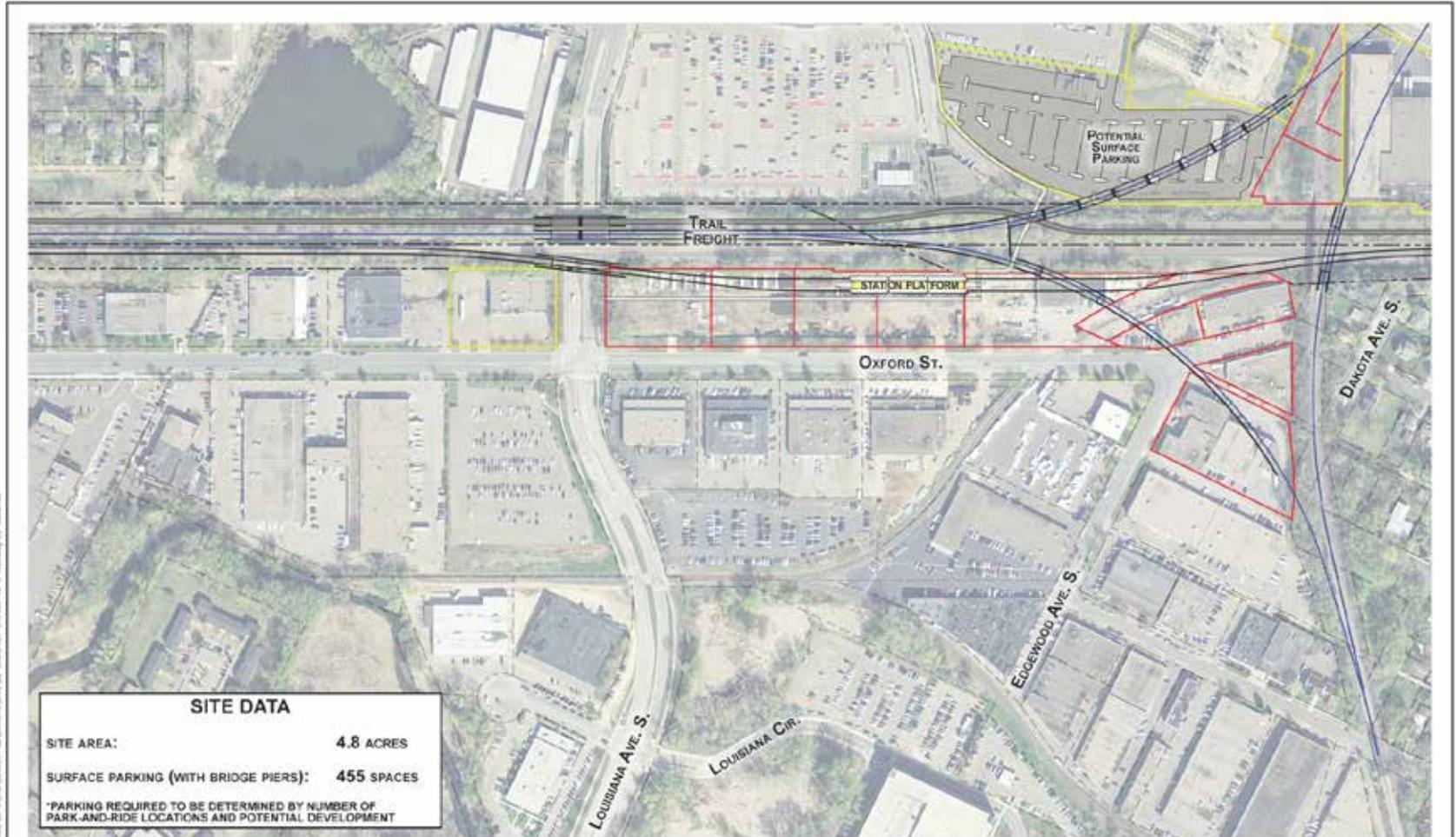


TI #13: Louisiana Station





TI #13: Louisiana Station



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SOUTHWEST LIGHT RAIL
ST. LOUIS PARK
LOUISIANA STATION 4 - RELOCATION

IRT #13
Rev 1
05/21/2013



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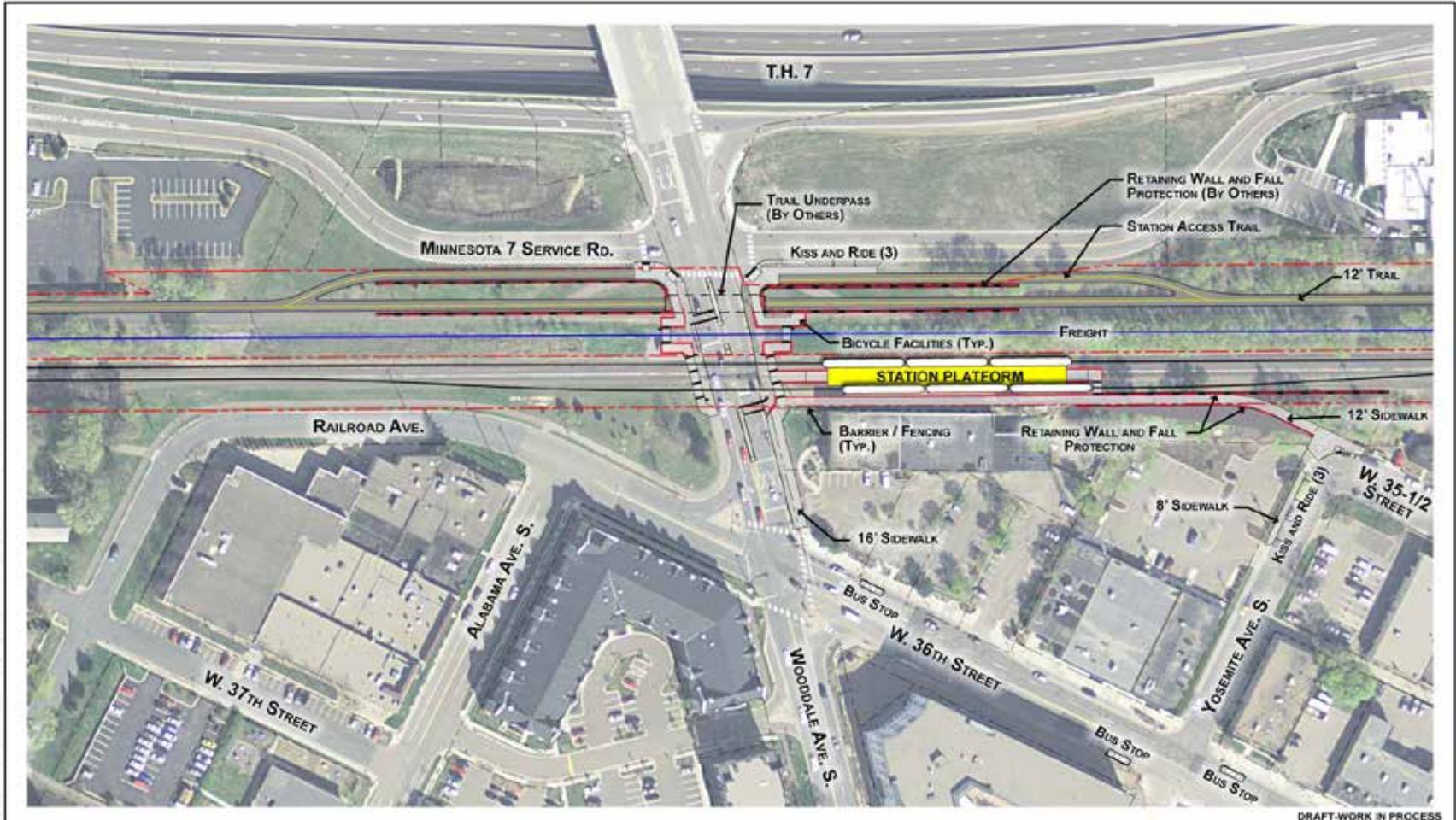


TI #14: Wooddale Station

- Design adjustments:
 - Location of freight rail tracks and LRT tracks
 - Change in trail alignment (trail underpass not included in cost estimate)
- Benefits:
 - Accommodates future development



TI #14: Wooddale Station



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SOUTHWEST LIGHT RAIL
WOODDALE STATION CO-LOCATION
APRIL 19, 2013

IRT #14
Rev 1
04/19/2013



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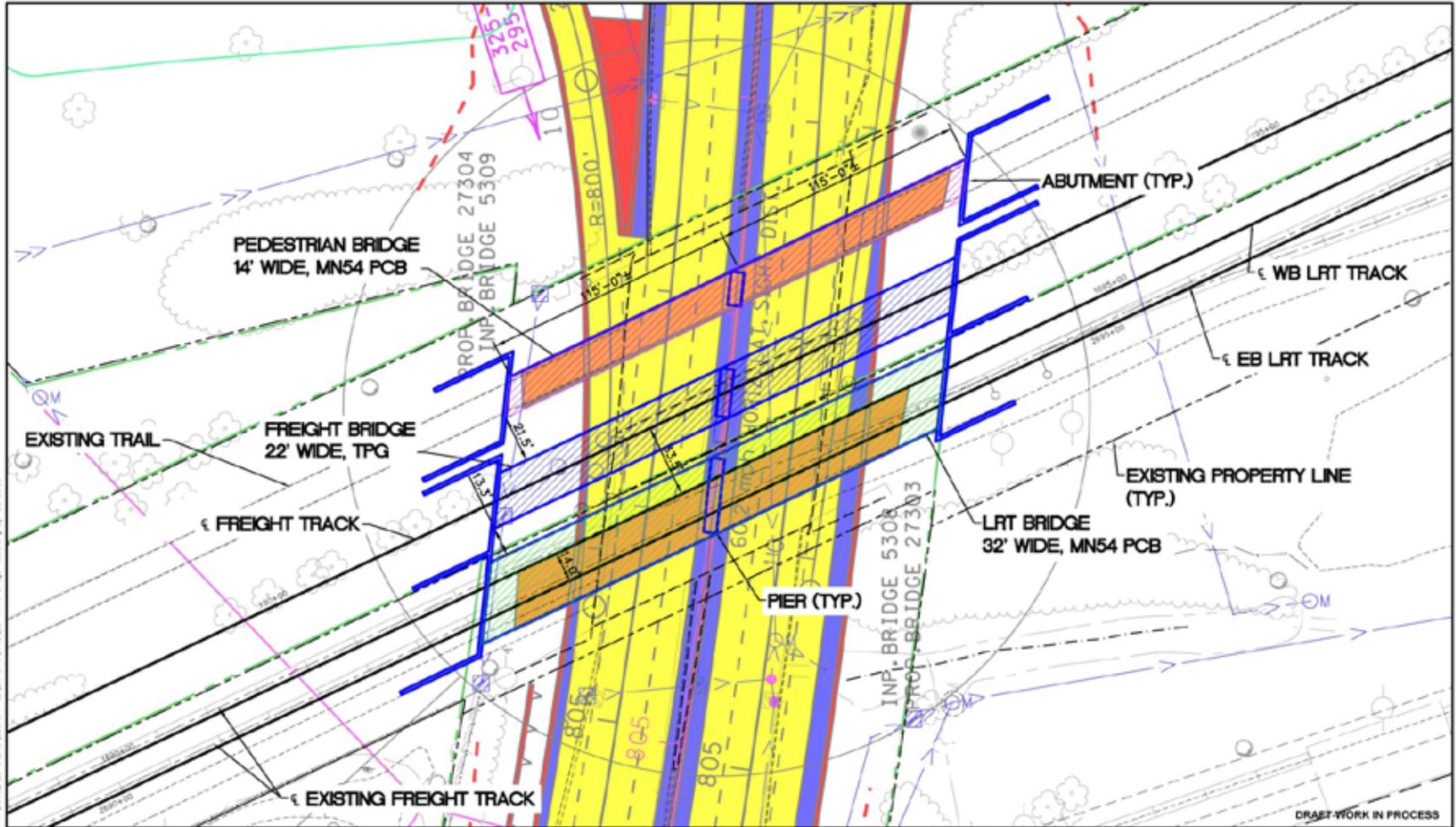


TI #15: TH 100 Crossing

- Design adjustment:
 - Location of freight rail tracks and LRT tracks
- Benefits:
 - Allows stations to be located on south side of corridor
 - Minimizes overall project costs for both MnDOT TH 100 and SWLRT projects



TI #15: TH 100 Crossing



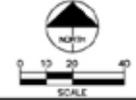
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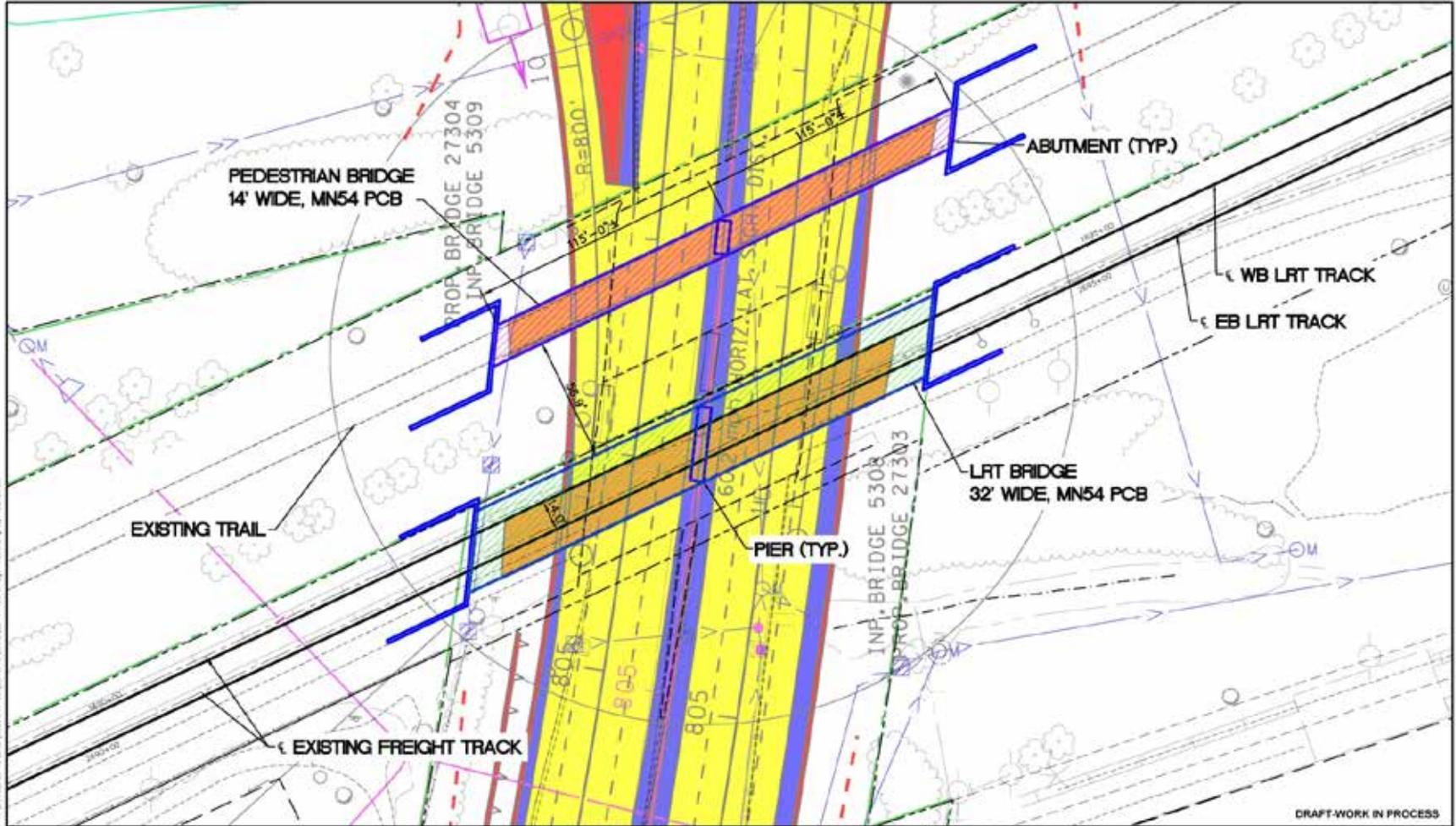
SOUTHWEST LIGHT RAIL
 T.H. 100 BRIDGE EXHIBIT
 CO-LOCATION

IRT #15
 Rev 1
 05/21/2013





TI #15: TH 100 Crossing



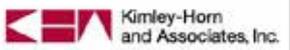
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SOUTHWEST LIGHT RAIL
 T.H. 100 BRIDGE EXHIBIT
 RELOCATION

IRT #15
 Rev 1
 05/21/2013





TI 13: Louisiana Station

TI 14: Wooddale Station

TI 15: TH 100 Crossing

- Revised design cost estimate: \$63 M (LPA Δ +\$18 M)
- Primary cost drivers:
 - ROW acquisition for P&R, station and tracks at Louisiana Station
 - Louisiana Station P&R facility
 - Track alignment at Louisiana Station

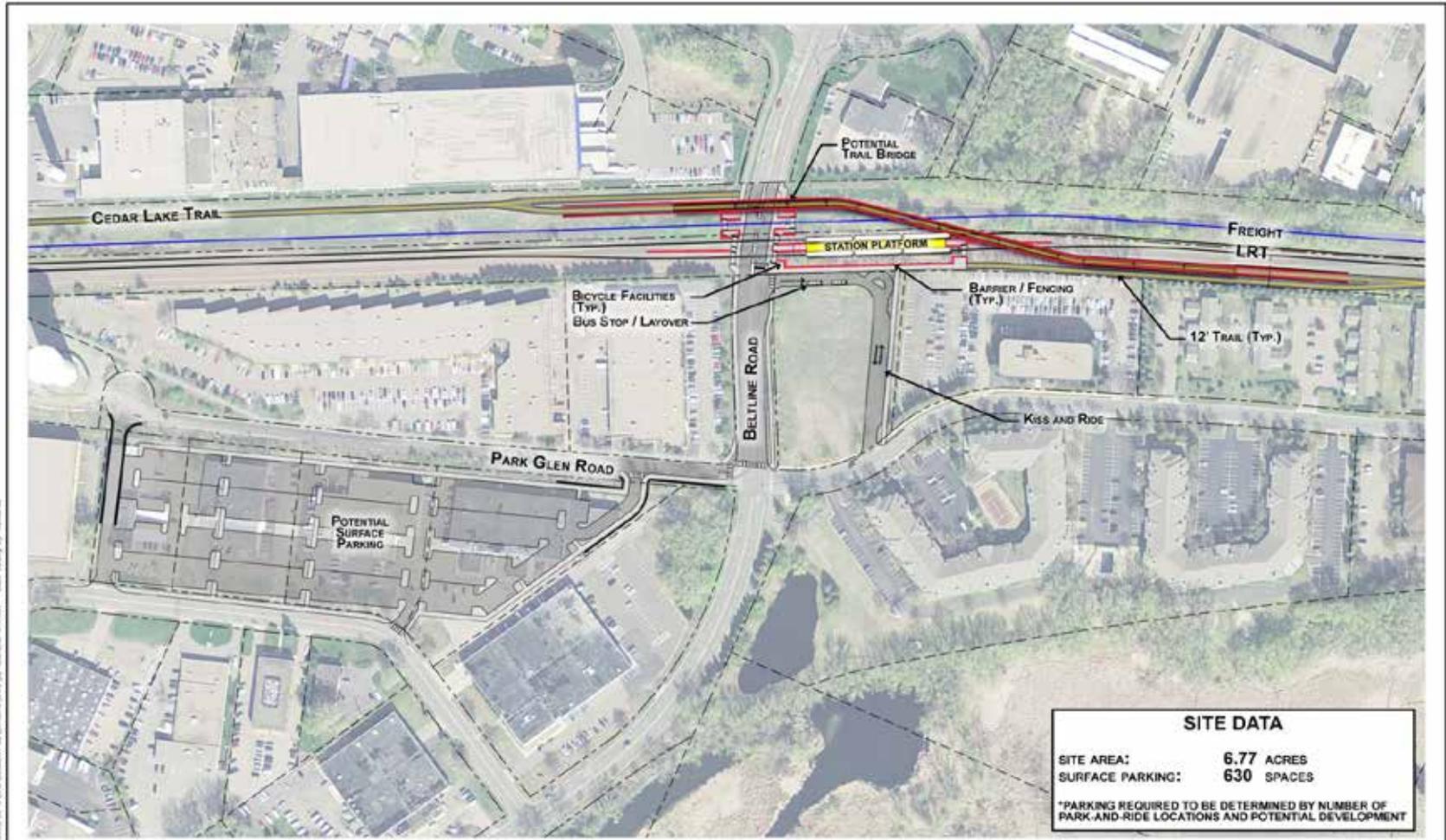


TI #16: Beltline Station

- Design adjustments:
 - Location of freight rail tracks and LRT tracks
 - P&R: 545 surface spaces
 - Change in trail alignment (trail bridge over Beltline Road not included in cost estimate)
- Benefits:
 - Accommodates future development
 - P&R location avoids prime corner redevelopment potential
- Revised design cost estimate: \$29 M (LPA Δ +\$15 M)
- Primary cost drivers:
 - ROW acquisition for P&R
 - P&R facility



TI #16: Beltline Station



SITE DATA	
SITE AREA:	6.77 ACRES
SURFACE PARKING:	630 SPACES
*PARKING REQUIRED TO BE DETERMINED BY NUMBER OF PARK-AND-RIDE LOCATIONS AND POTENTIAL DEVELOPMENT	

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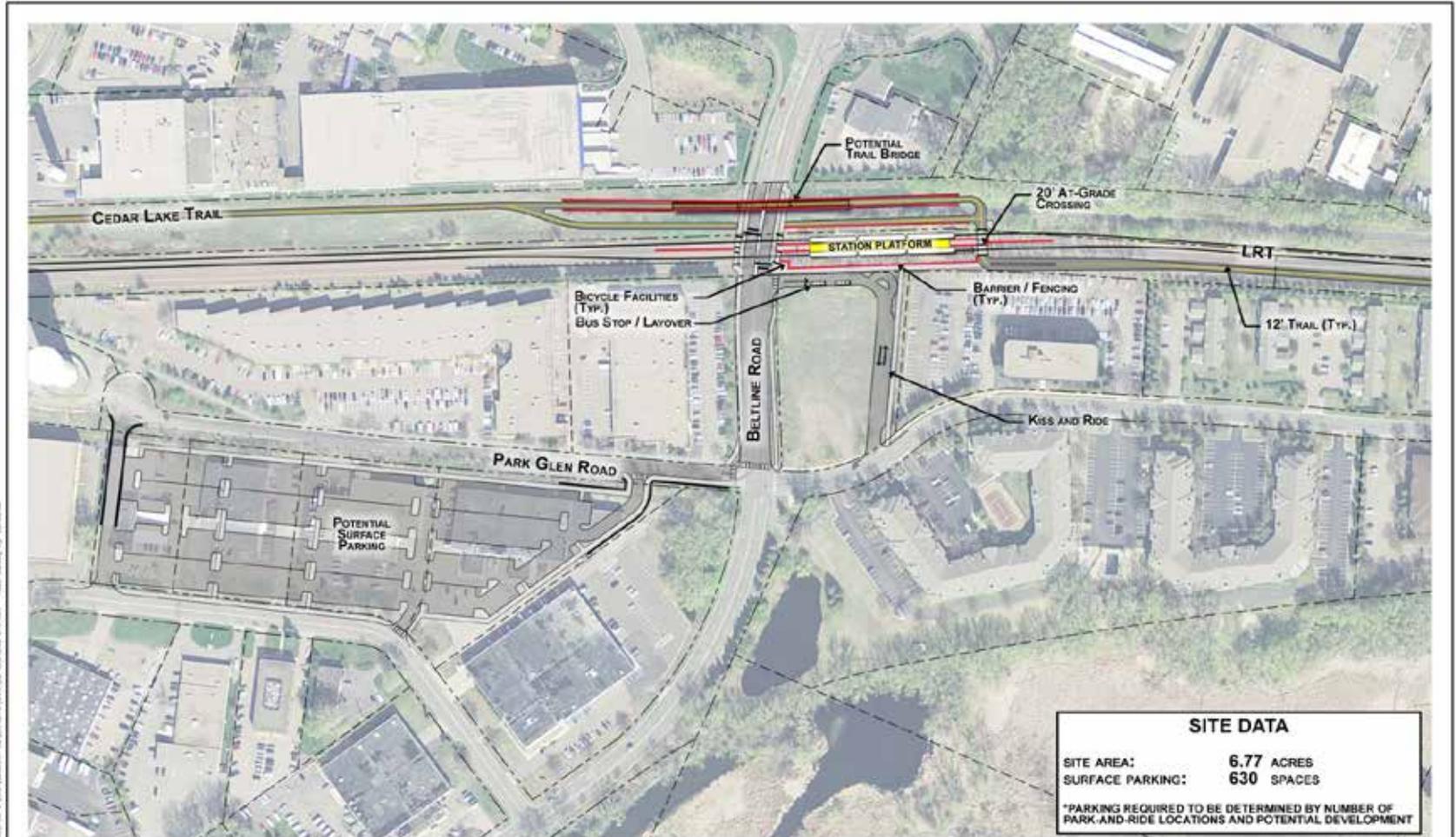
SOUTHWEST LIGHT RAIL
ST. LOUIS PARK - BELTLINE STATION 2
CO-LOCATION

IRT #16
Rev 1
06/06/2013





TI #16: Beltline Station



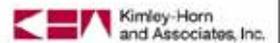
SITE DATA	
SITE AREA:	6.77 ACRES
SURFACE PARKING:	630 SPACES
*PARKING REQUIRED TO BE DETERMINED BY NUMBER OF PARK AND RIDE LOCATIONS AND POTENTIAL DEVELOPMENT	

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SOUTHWEST LIGHT RAIL
ST. LOUIS PARK - BELTLINE STATION 2
RELOCATION

IRT #16
Rev 1
06/06/2013



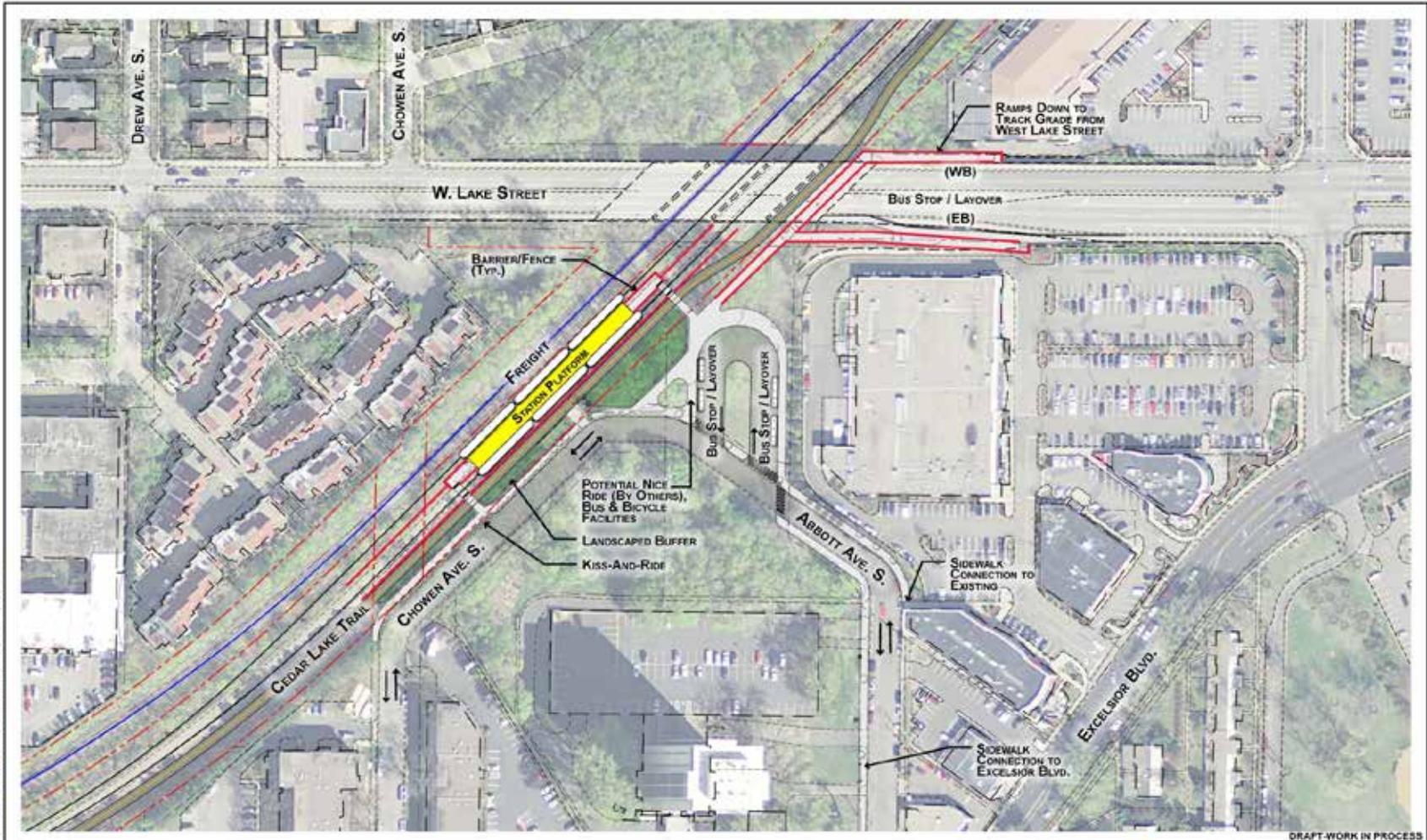


TI #17: West Lake Station

- Design adjustments:
 - Bus connections/facilities
- Benefits:
 - Accommodates future Midtown Corridor
 - Flexible design to accommodate future development



TI #17: West Lake Station



SOUTHWEST LIGHT RAIL
MINNEAPOLIS - WEST LAKE STREET STATION - 1C
CO-LOCATION

IRT #17
Rev 0
05/21/2013



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TI #18: Kenilworth Corridor: Cedar Lake Parkway Crossing

- Design adjustment:
 - Cedar Lake Parkway LRT and trail crossing to underpass
- Benefits:
 - Addresses Minneapolis Park and Recreation Board concerns for Grand Rounds crossing



TI #18: Kenilworth Corridor: 21st St. Station

- Design adjustment:
 - Eliminated P&R
 - Station would not be included under tunnel scenarios
- Benefits:
 - Provides direct access to bus connection



TI #17 : West Lake Station

TI #18: Kenilworth Corridor – Cedar Lake Parkway & 21st St. Station

- Revised design cost estimate: \$48 M (LPA Δ -\$4 M)
- Primary cost saver:
 - Underpass vs. bridge at Cedar Lake Parkway



TI #19: Bassett Creek Valley Corridor - Penn Station

- Design Adjustments:
 - Station location
 - Trail alignment and connections
- Benefits:
 - Provides improved pedestrian connection to Penn Avenue/I-394



TI #19: Bassett Creek Valley Corridor – Penn Station



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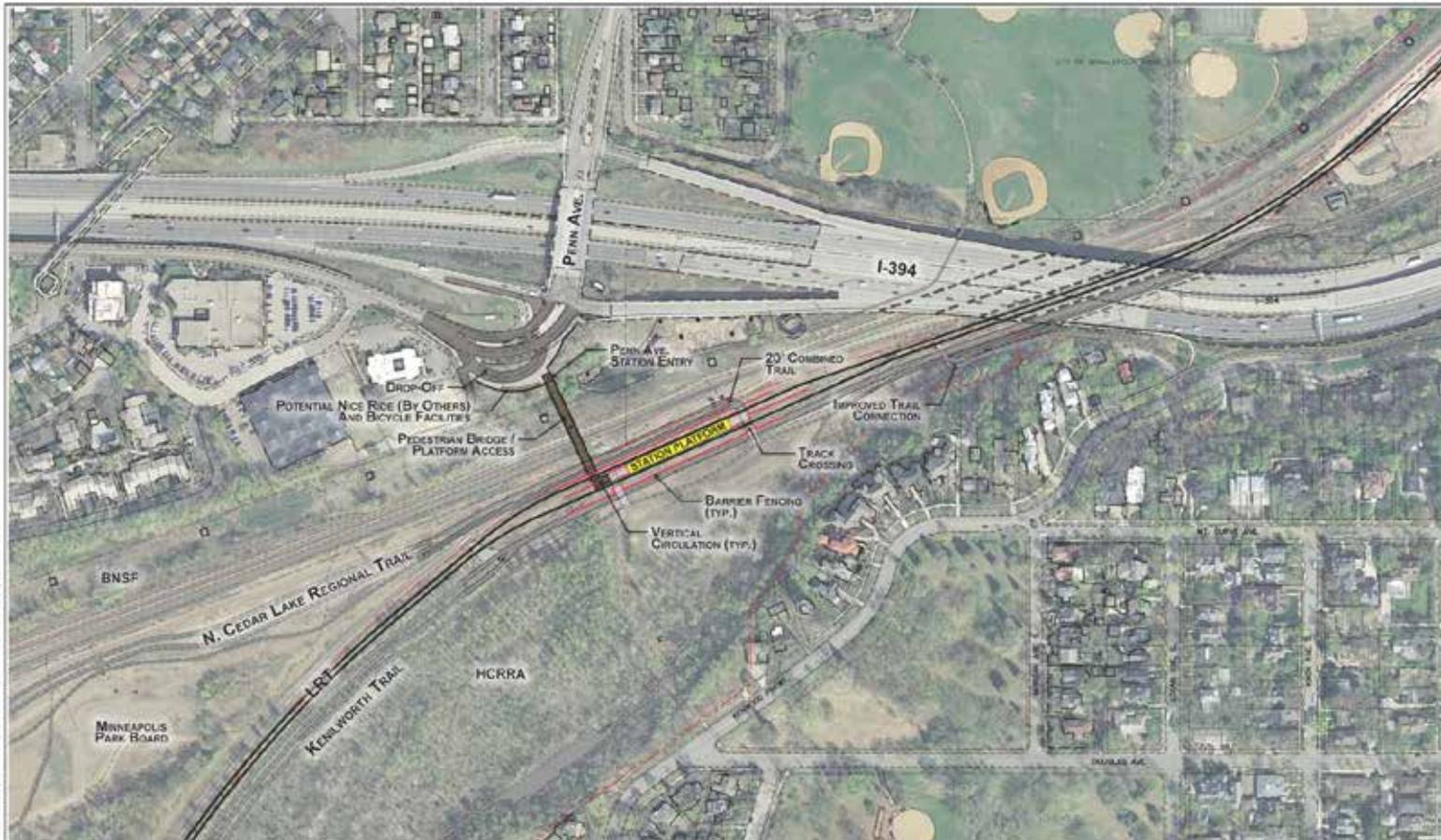
SOUTHWEST LIGHT RAIL
MINNEAPOLIS - PENN AVENUE STATION
COLOCATION

IRT #19
Rev 1
05/07/2013





TI #19: Bassett Creek Valley Corridor - Penn Station



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SOUTHWEST LIGHT RAIL
MINNEAPOLIS - PENN AVENUE STATION
RE-LOCATION

IRT #19
Rev 1
05/07/2013



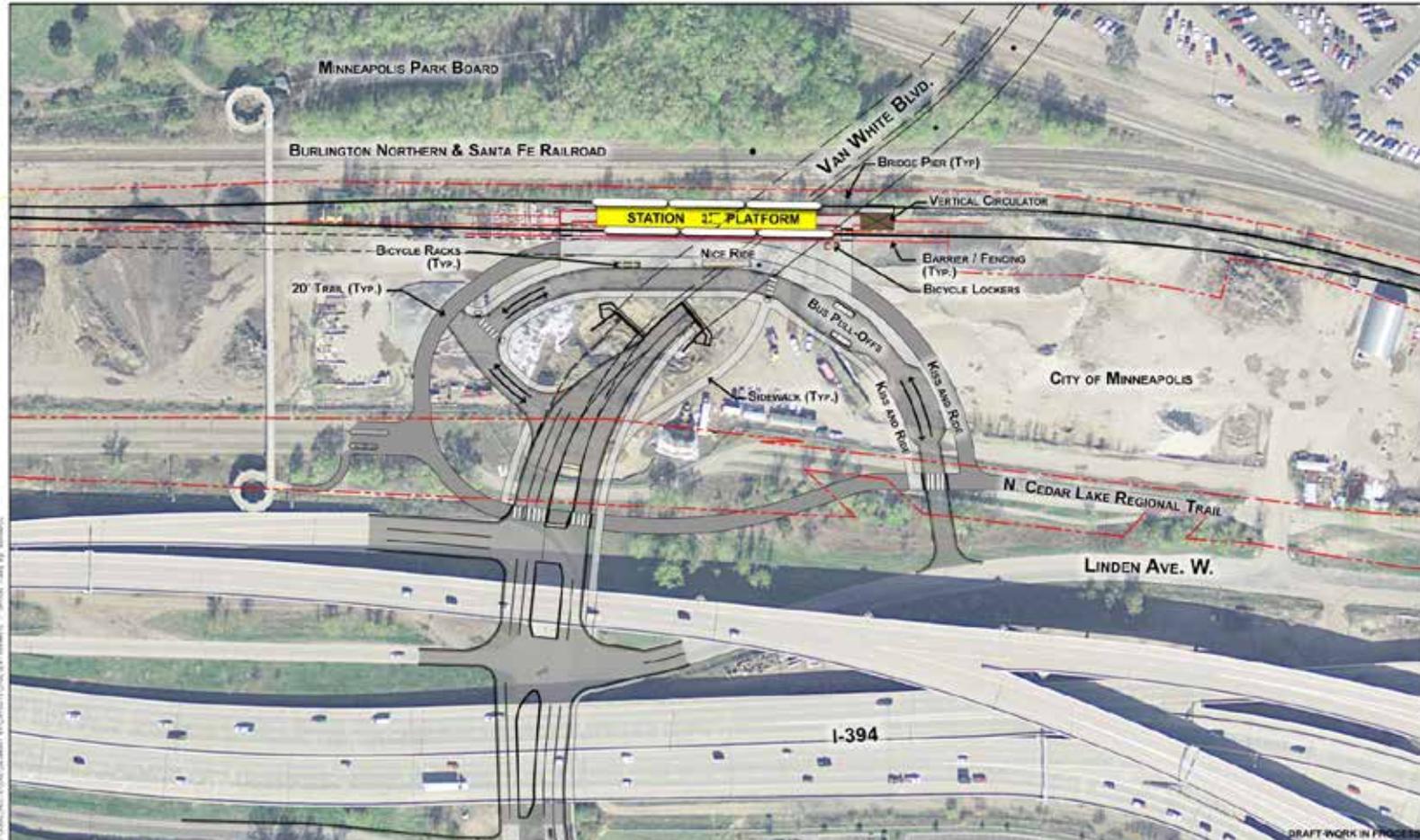


TI #19: Bassett Creek Valley Corridor – Van White Station

- Design adjustments:
 - Station location
 - Trail alignment and connections
 - Pedestrian vertical circulation
- Benefits:
 - Design accommodates potential future development



TI #19: Bassett Creek Valley Corridor – Van White Station



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SOUTHWEST LIGHT RAIL
MINNEAPOLIS - VAN WHITE STATION - 7

IRT #19
Rev 1
05/21/2013



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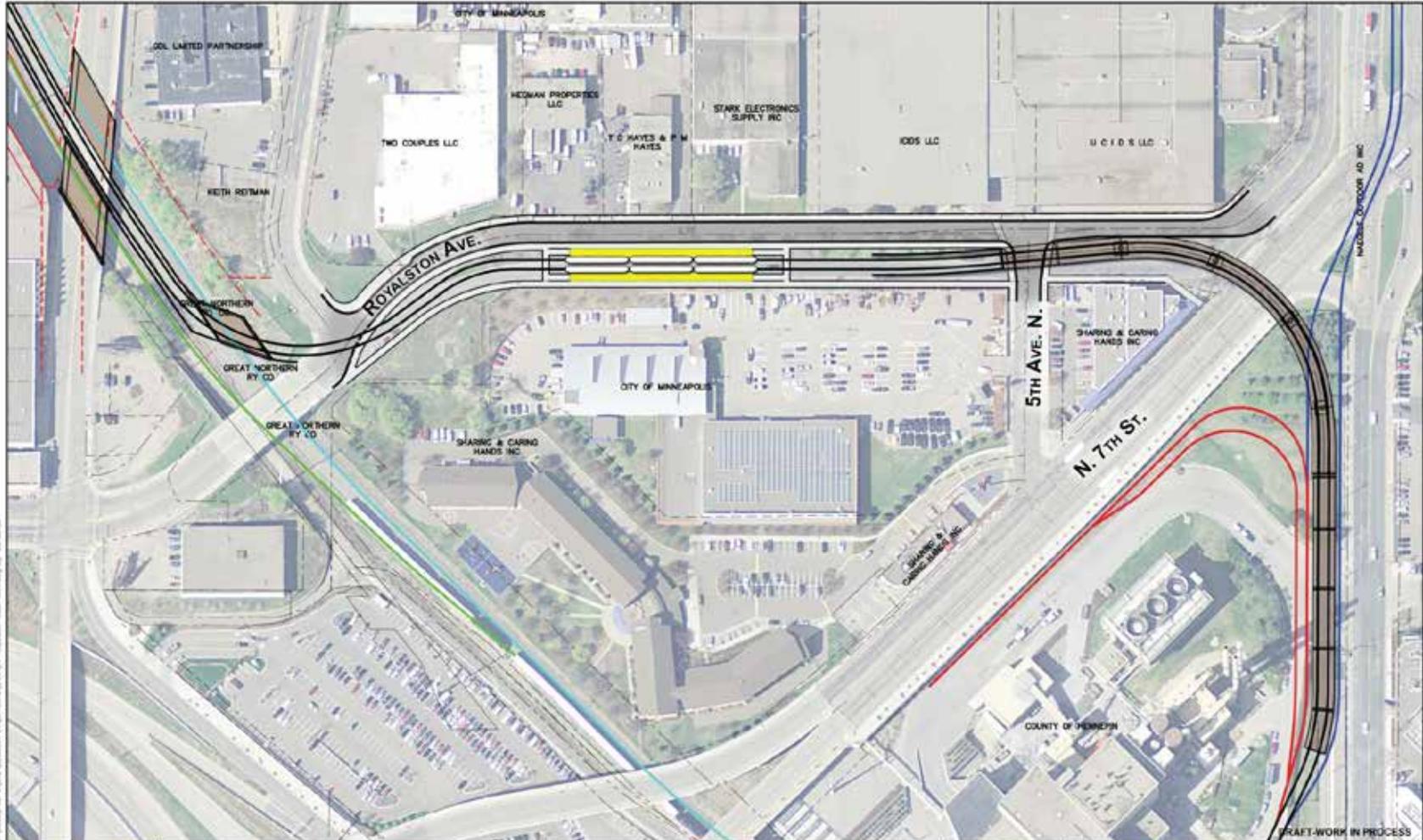


TI #20: Royalston Station

- Design adjustments:
 - LRT alignment and station location
 - Bridge structure over North 7th Street
- Benefits:
 - Accommodates truck delivery access to local businesses
 - Accommodates future development
 - Coordinates with HCRRA's Interchange Project
 - Accommodates future Bottineau Project

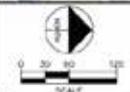


TI #20: Royalston Station



SOUTHWEST LIGHT RAIL
MINNEAPOLIS - ROYALSTON 38 SHEET

IRT #20
Rev 1
05/07/2013



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TI #19: Bassett Creek Valley Corridor – Penn Station & Van White Station

TI #20: Royalston Station

- Revised design cost estimate: \$96 M (LPA Δ +\$1 M)
- Primary cost drivers:
 - Vertical circulation at Van White Station
 - Vertical circulation at Penn Station
 - Bridge structure over North 7th Street

SOUTHWEST

Green Line LRT Extension



Technical Issue #23

Operations and Maintenance Facility



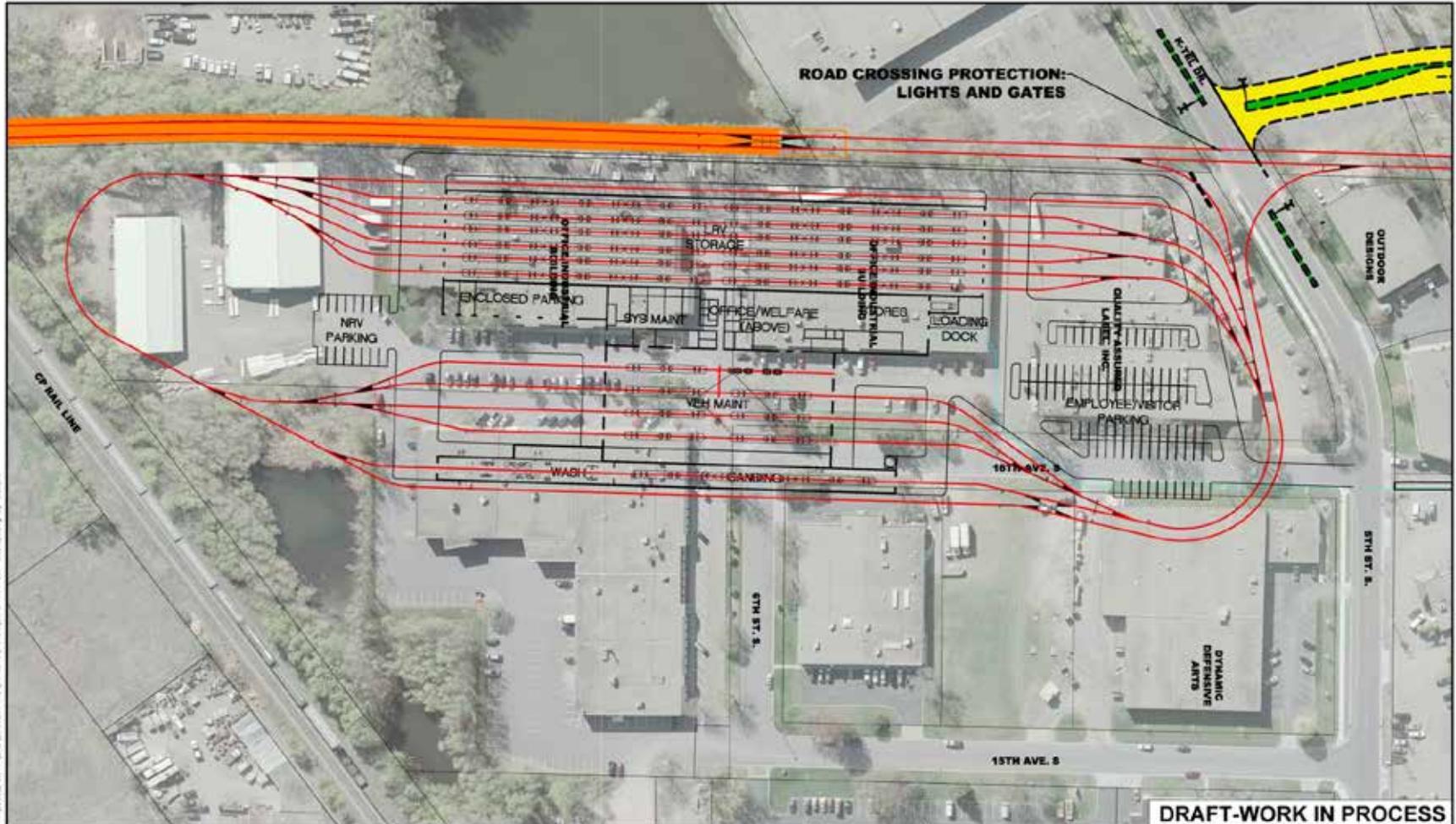


TI #23 OMF Site Location: Two Candidate Site Finalists

Site Number	Name (City)
3/4	City Garage (Eden Prairie)
9A	K-Tel East (Hopkins)



TI #23 OMF Site Location: Site Number 9A



Apr. 28, 2012 10:13 am K:\3030_PIC\KAR\Drawings\K:\3030_PIC\KAR\Drawings\K:\3030_PIC\KAR\Drawings\TI#23-OMF-009A_1.dwg Rg. 01. 01/23/12

	<p>SOUTHWEST LRT OMF OPTION 009A (009A_1) TRACK ADJUSTMENT 3A</p>	<p>IRT #23 REV: 0 DATE: 06/26/2013</p>			
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TI #23 OMF Site Location

Site No.	Name (City)	OMF Site Cost Estimate (M)	LPA Δ M
3/4	City Garage (Eden Prairie)	\$95 - \$100	\$30 - \$35
9A	K-Tel East (Hopkins)	\$100 - \$105	\$35 - \$40



TI #23 OMF Site Location

Site No. Name (City)

Cost Drivers

3/4 City Garage
(Eden Prairie)

- Site demolition/clearing
- Yard tracks on structure

9A K-Tel East
(Hopkins)

- Site demolition/clearing
- Site grading/earthwork

Technical Issue #1

Eden Prairie Alignment Adjustment



TI #1 Eden Prairie Alignment: Three Alignment Adjustment Finalists

Description

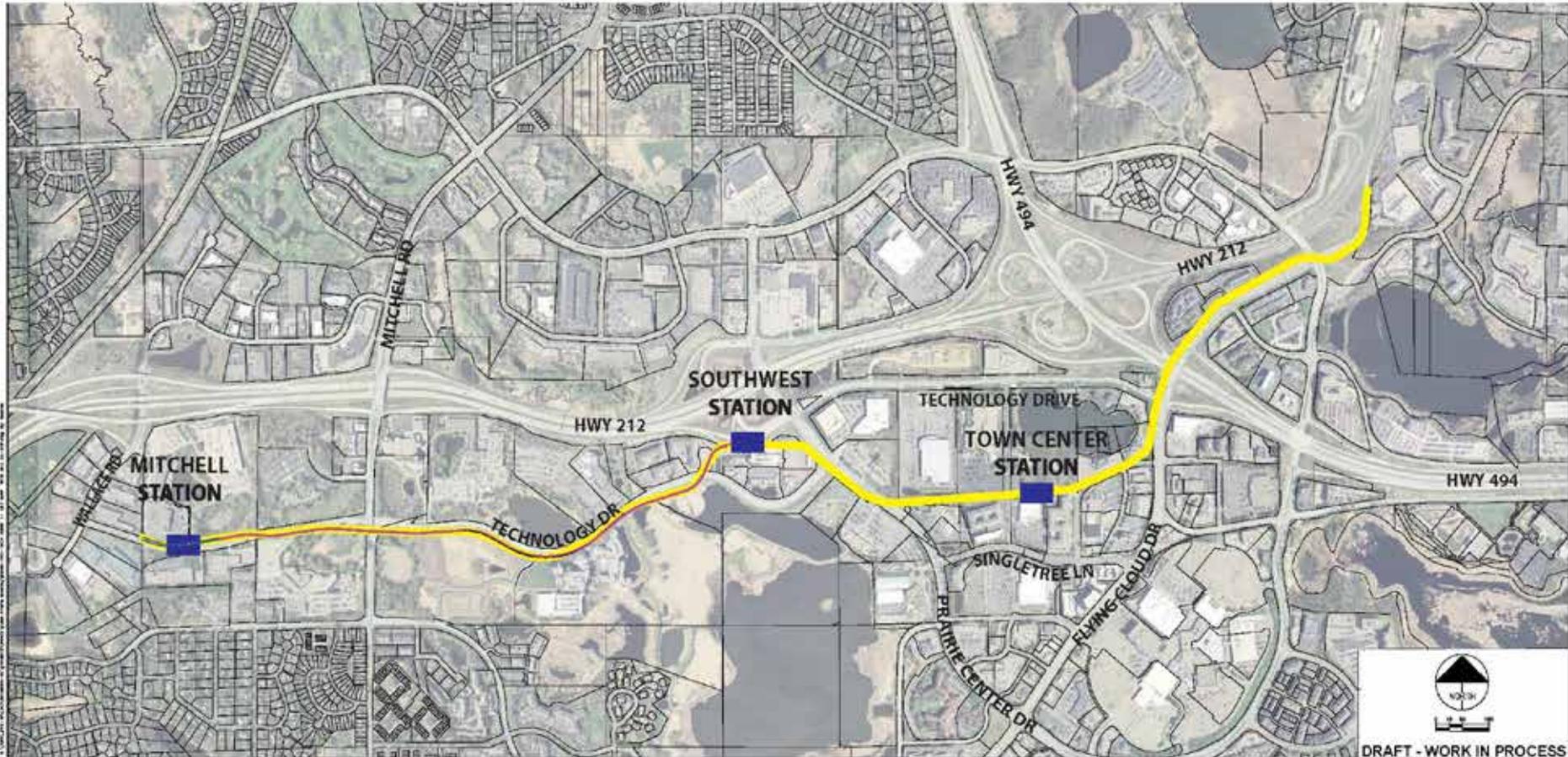
Mitchell Station & Comp Plan Station via Technology Drive

Mitchell Station & Singletree Station via Technology Drive

Mitchell Station & Singletree Station via TH 212 frontage



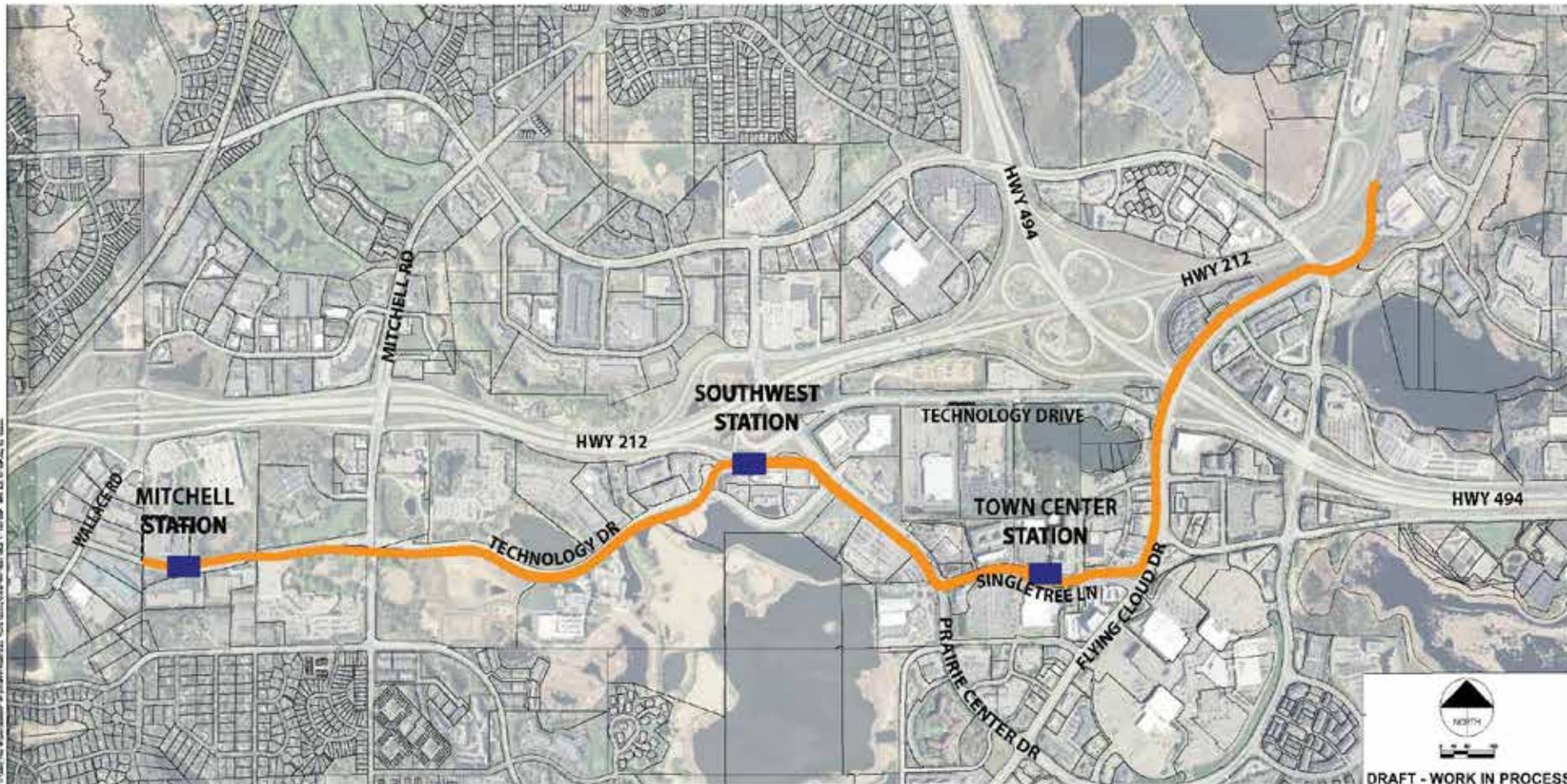
TI #1 Eden Prairie Alignment: Mitchell Station & Comp Plan Station via Technology Drive



DRAFT - WORK IN PROCESS



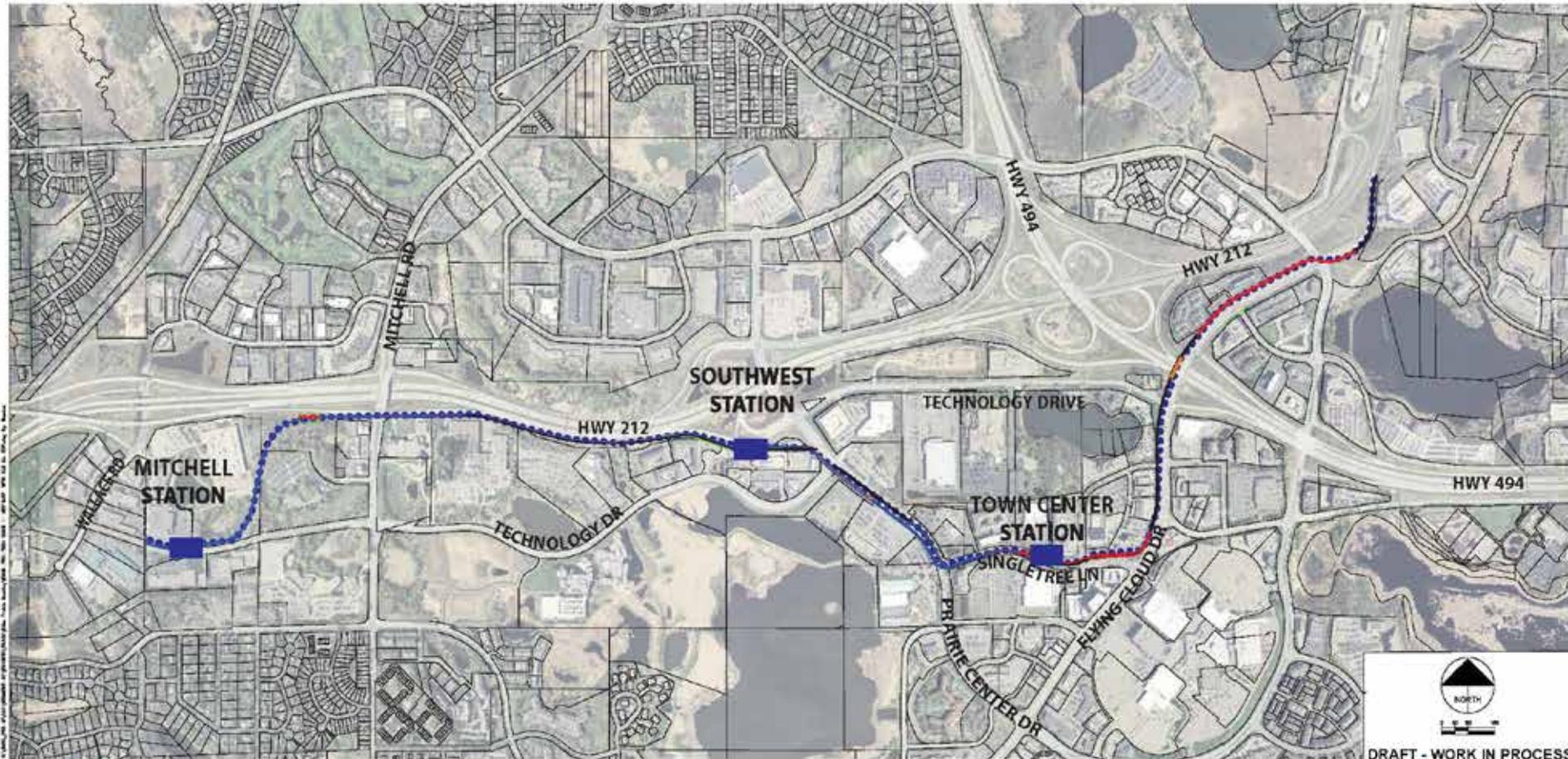
TI #1 Eden Prairie Alignment: Mitchell Station & Singletree Station via Technology Drive



DRAFT - WORK IN PROCESS



TI #1 Eden Prairie Alignment: Mitchell Station & Singletree Station via TH 212 frontage



	<p>SOUTHWEST LRT TI-1 : EDEN PRAIRIE - ALIGNMENT TIER 2 ANALYSIS</p>	<p>●●●● OPTION 2 MITCHELL: (TH 212 / SINGLETREE LN)</p>	<p>WT #1 DATE: 9/13/2013</p>	<p>DRAFT - WORK IN PROCESS</p>
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TI #1 Eden Prairie Alignment

Eden Prairie Alignment Cost Estimate (M)

Description

LPA Δ M

Mitchell Station &
Comp Plan Station via
Technology Drive

\$195 - \$205

\$30 - \$35

Mitchell Station &
Singletree Station via
Technology Drive

\$195 - \$205

\$30 - \$35

Mitchell Station &
Singletree Station via
TH 212 frontage

\$195 - \$205

\$30 - \$35



TI #1 Eden Prairie Alignment

Description

Primary Cost Drivers

Mitchell Station & Comp Plan Station via Technology Dr

- Bridge structure over Prairie Center Dr.
- Increased length of corridor by 1/3 mile
- ROW acquisition

Mitchell Station & Singletree Station via Technology Drive

- Increased length of corridor by 1/3 mile
- ROW acquisition

Mitchell Station & Singletree Station via TH 212 frontage

- Increased length of corridor by 1/2 mile
- ROW acquisition



Technical Issue #21

Freight Rail





TI #21 Freight Rail Design Options Summary

Description

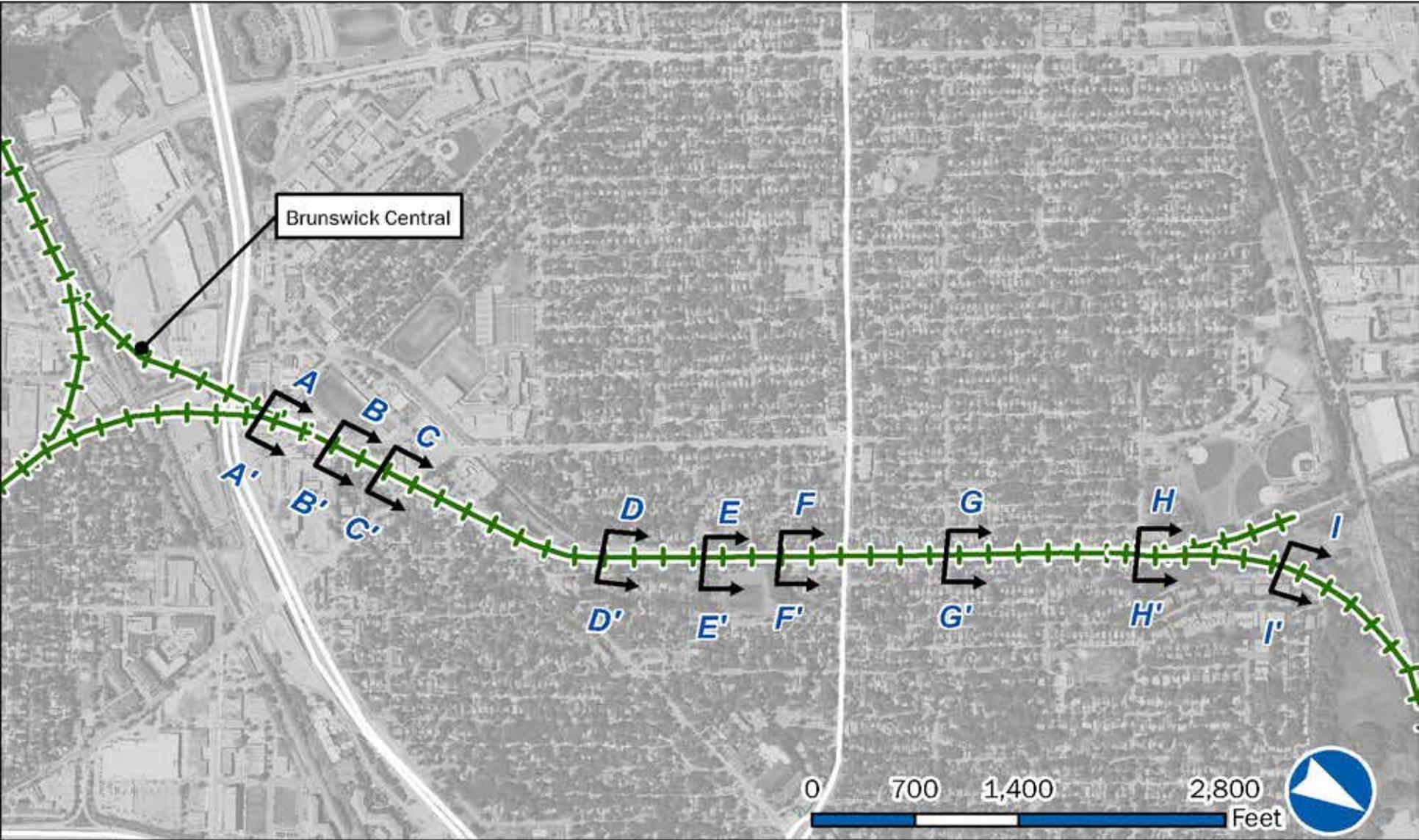
Brunswick Central Freight Rail Relocation

Kenilworth Deep Bore LRT Tunnel

Kenilworth Shallow LRT Tunnel

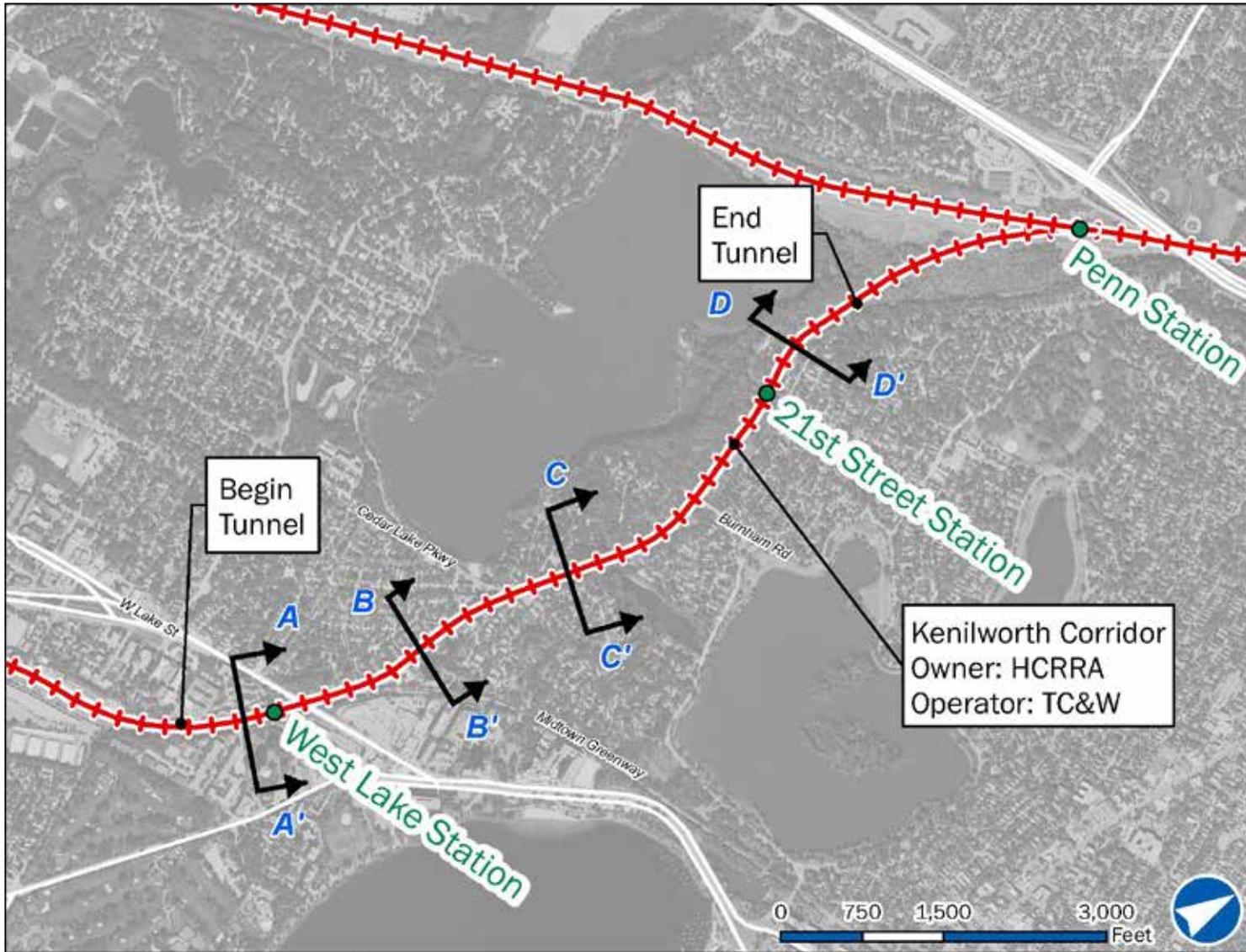


Brunswick Central Freight Rail Relocation



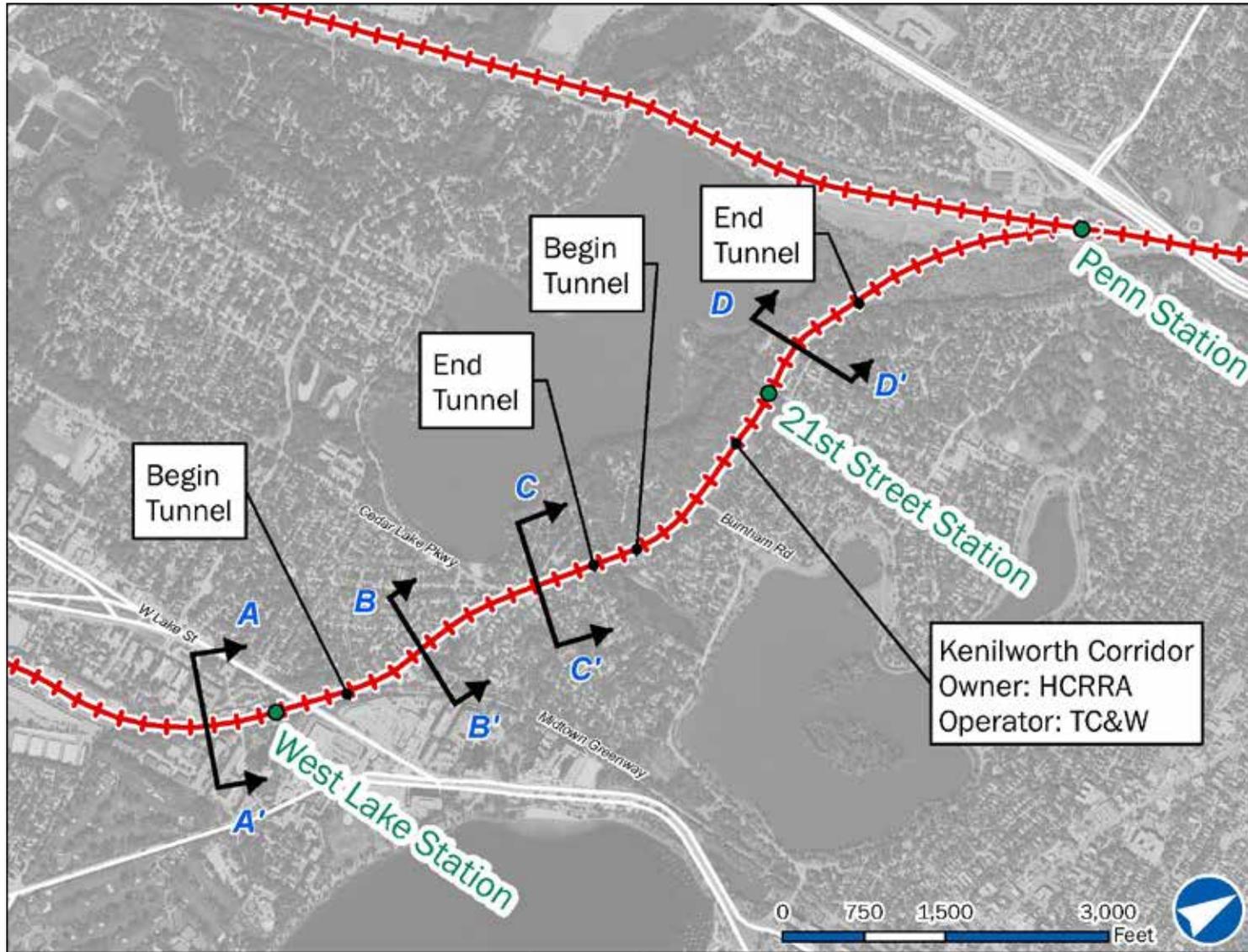


Kenilworth Deep Bore LRT Tunnel



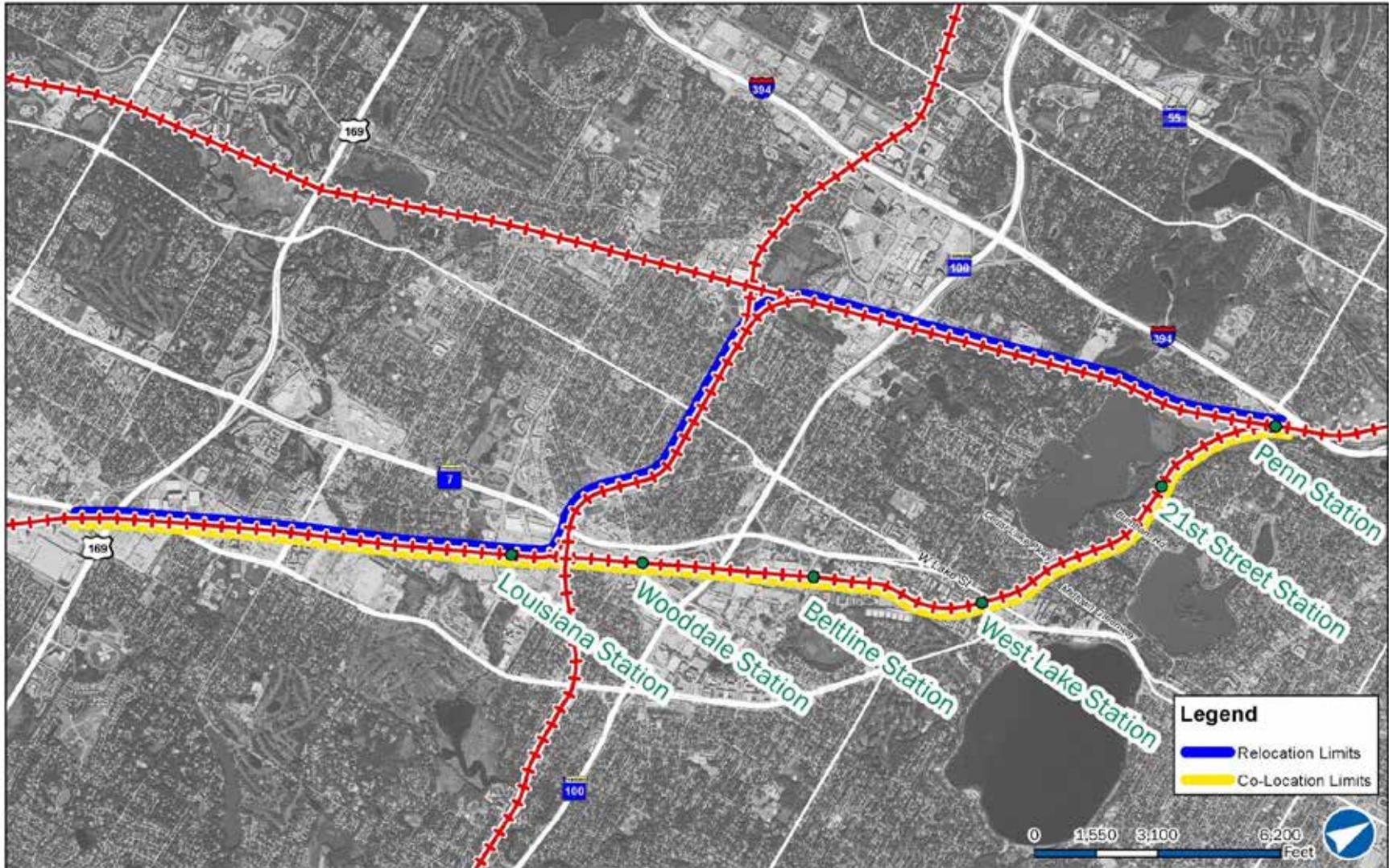


Kenilworth Shallow LRT Tunnel





Freight Rail – Cost Estimate Limits





Brunswick Central – Freight Rail Relocation

- Primary cost drivers:
 - Acquisition of homes and businesses
 - Freight rail bridge structures and retained fill/berms
 - Pedestrian underpasses
 - Lowering of TH 7 and frontage road
 - Reconfiguration of existing street network



Kenilworth Deep Bore LRT Tunnel

- Primary cost drivers:
 - Tunnel boring machine and access pits
 - Tunnel boring operations & ground settlement control
 - Subway tunnel station at West Lake
 - Vertical circulation at West Lake station
 - Ventilation systems
 - West Lake Street bridge reconstruction
 - Ground water management systems



Kenilworth Shallow LRT Tunnel

- Primary cost drivers:
 - Cut and cover excavation
 - Restricted construction area west of Channel Creek crossing
 - Ground stabilization at Burnham Road bridge piers



Freight Rail Common Scope Elements:

- Primary cost drivers:
 - Freight rail track
 - Freight rail bridge over Minnehaha Creek
 - Freight rail bridge over Louisiana Avenue
 - CP ROW swap
 - Southerly connection (Bass Lake Spur to MN&S Spur)
- Common scope elements cost: \$85M - \$90M
 - Cost of common scope elements is additive to each design option



Freight Rail Cost Estimate Summary

	Freight Rail Cost Estimate (M)	LPA Δ M
Freight Rail Common Elements	\$85 - \$90	\$85 - \$90

Design Option	Freight Rail Cost Estimate (M)	LPA Δ M
Brunswick Central Freight Rail	\$190 - \$200	\$190 - \$200
Kenilworth Deep Bore LRT Tunnel	\$320 - \$330	\$320 - \$330
Kenilworth Shallow LRT Tunnel	\$150 - \$160	\$150 - \$160



LRT and Freight Rail Cost Estimate Summary





LRT Subtotal Cost Estimate Summary

LRT Project Cost LPA = \$1,250 M

Description	Revised Design Cost Estimate (M)	LPA Δ M
Design adjustments TI #1 – 20, 22 - 25	\$885 - \$915	\$100 - \$130
Vehicles	\$115 - \$125	\$0 - \$10
Design Related Costs	\$350 - \$360	\$0 - \$10
LRT Subtotal	\$1,350 - \$1,400	\$100 - \$150



Total Project Cost Estimate Summary (LRT + Freight)

LRT Project Cost LPA = \$1,250 M

Description	Revised Design Cost Estimate (M)	LPA Δ M
Design adjustment cost estimate (LRT Subtotal)	\$1,350 - \$1,400	\$100 - \$150
Freight rail common costs	\$85 - \$90	\$85 - \$90
Freight rail cost estimate	\$150 - \$330	\$150 - \$330
SWLRT Total Project Costs	\$1,585 - \$1,820	\$335 - \$570



Ridership Refresh

Description	2030 Ridership
LPA	29,660
LPA Refresh*	34,000 – 36,000

*Ridership drivers:

- 2010 Census data
- 2010 On-board survey
- Regional socio-economic forecasts



Summary

- Project scope and costs reflect 1000's of hours of stakeholder meetings and comments received from cities, agencies, businesses and the public
- Ridership projections are trending upwards; 4,000+ additional trips by 2030; FTA reviewing refreshed forecast



Project Scope and Cost Rollout: Next Steps

- Present / seek input
 - Business and Community Advisory Committees – July 25
 - SWLRT Corridor Management Committee – August 7
 - HCRRA – August 13
- Present recommended scope and cost / seek input
 - SWLRT Corridor Management Committee – August 14
 - Metropolitan Council – August 14
- Request approval on scope and cost
 - Transportation Committee – August 26
 - Metropolitan Council – August 28



A Look Ahead: Design & Engineering

- Q3 2013: Submit Municipal Consent SWLRT Plans for City and County Review
- Q4 2013: Complete Municipal Consent Approval Process
- Q1 2014: Finalize 30% Design Plans and Specs



Summary of BAC and CAC Comments





Next Meeting

- BAC: Wednesday, August 28
- Time: 8:00 – 9:30 AM
- Location: Southwest Project Office

- CAC: Thursday, August 29
- Time: 6:00 – 8:30 PM
- Location: Southwest Project Office



St. Louis Park & Minneapolis

Stations: Royalston, Van White, Penn, 21st St, West Lake, Beltline, Wooddale, Louisiana



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Minnetonka, Hopkins & Edina

Stations: Blake, Hopkins, Shady Oak, Opus



Dan Pfeiffer
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Eden Prairie

Stations: City West, Golden Triangle, Eden Prairie Town Center, Southwest, Mitchell



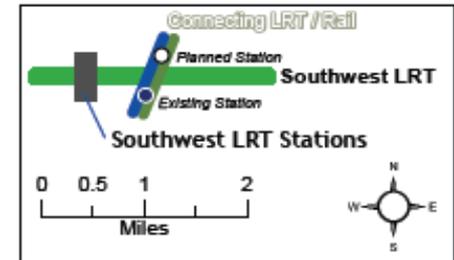
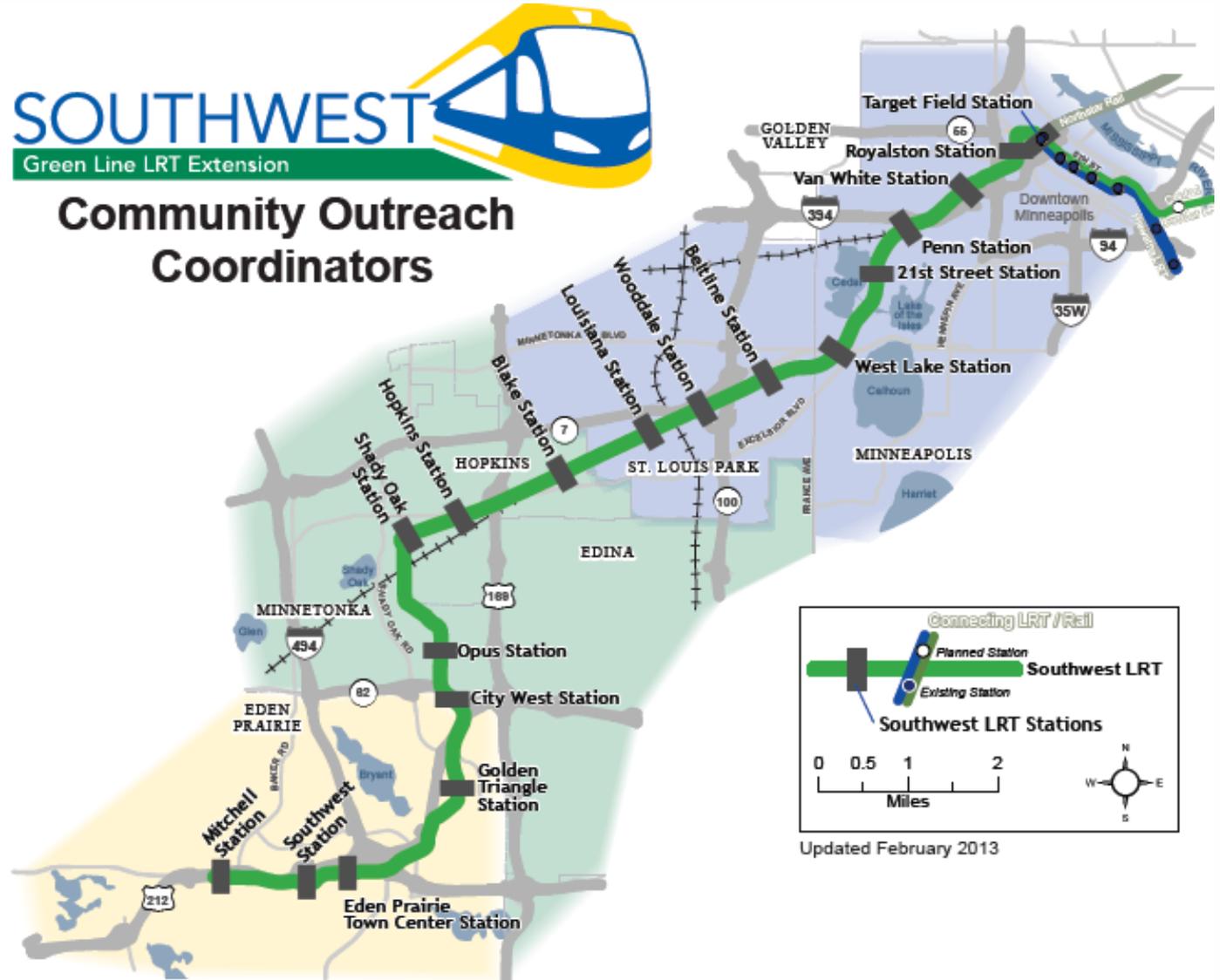
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SOUTHWEST

Green Line LRT Extension



Community Outreach Coordinators



Updated February 2013



More Information

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