

SOUTHWEST

Green Line LRT Extension



Corridor Management Committee

June 28, 2017



Today's Topics

- Chair's Update
- Construction Readiness
 - Construction Contracts
 - Preconstruction Inspections, Monitoring & Claims Process
 - Coordination with Other Projects
 - Staffing
- Workforce Outreach Activities
- Animations
 - St. Louis Park
 - Minnetonka



Chair's Update

2017 Legislative Update

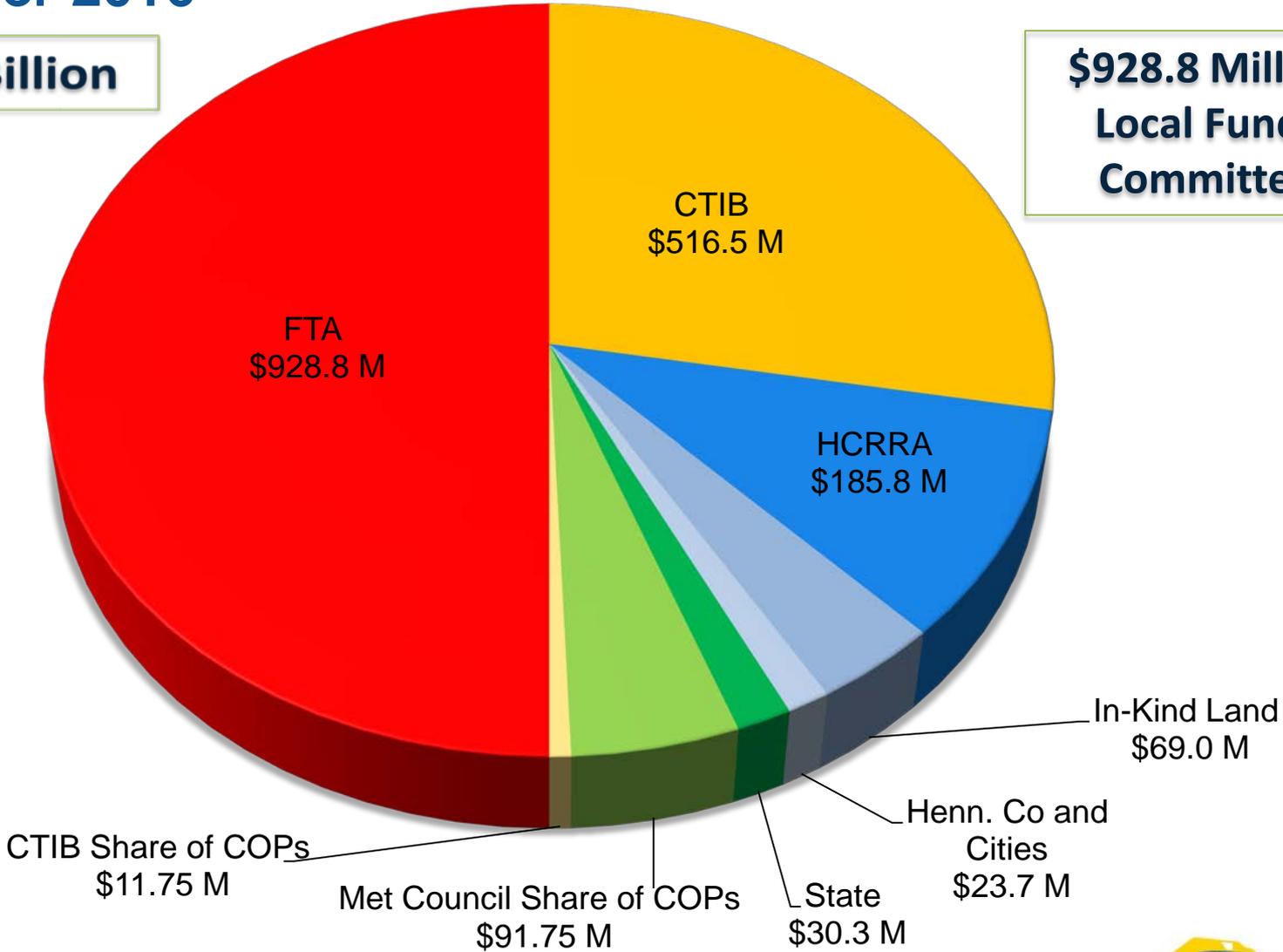
- Prohibits Council issuing Certificates of Participation (COPs) shifting the \$103.5 million capital cost to Hennepin County
- Eliminates state's 50% share of net operating cost for Southwest Light Rail line project, shifting those costs to Hennepin County
- Requires agreements on liability insurance for freight railroad and Council in shared SWLRT corridor, in the interest of protecting public

Funding Sources with CTIB

September 2016

\$1.858 Billion

**\$928.8 Million
Local Funds
Committed**

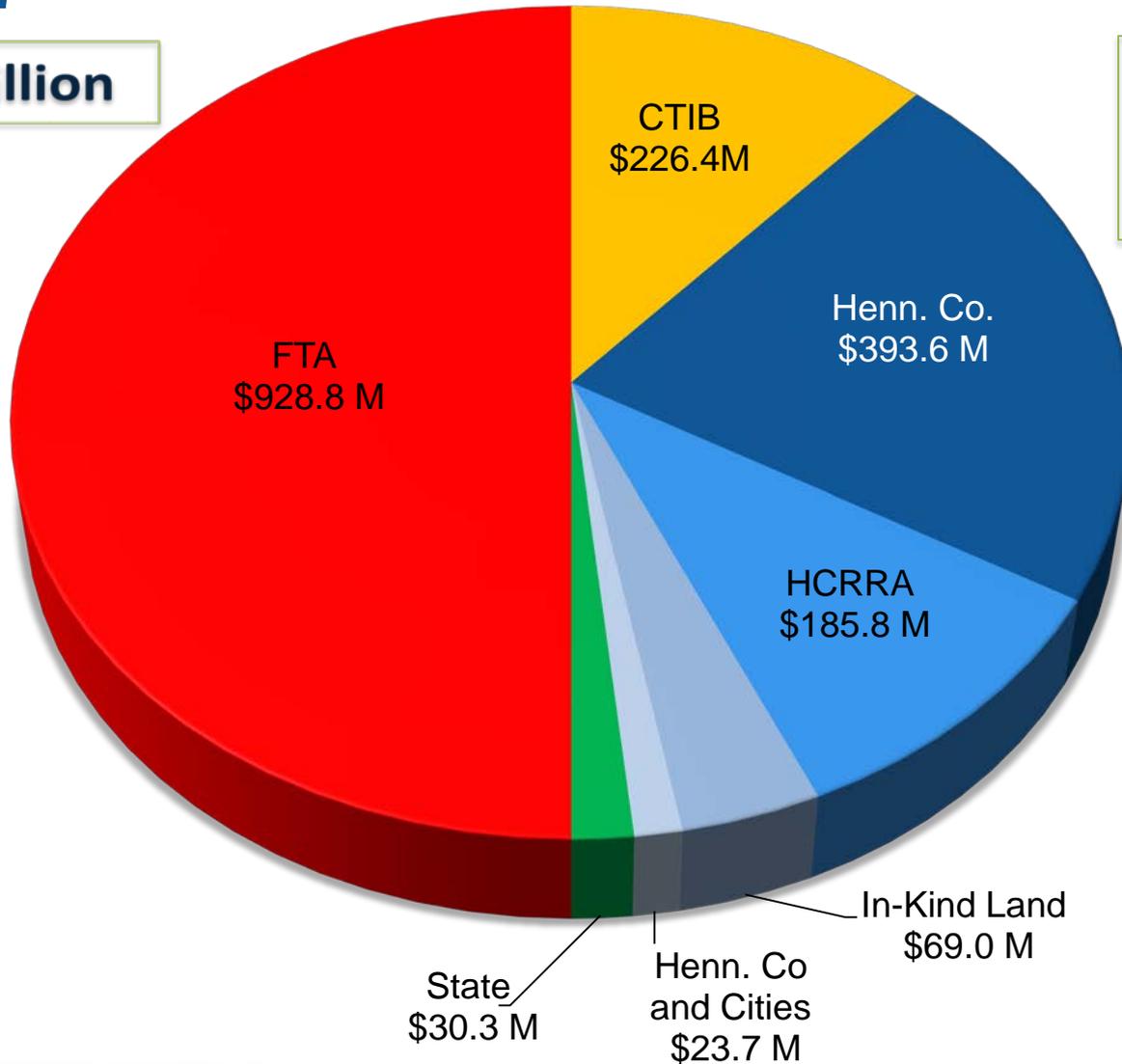


Funding Sources

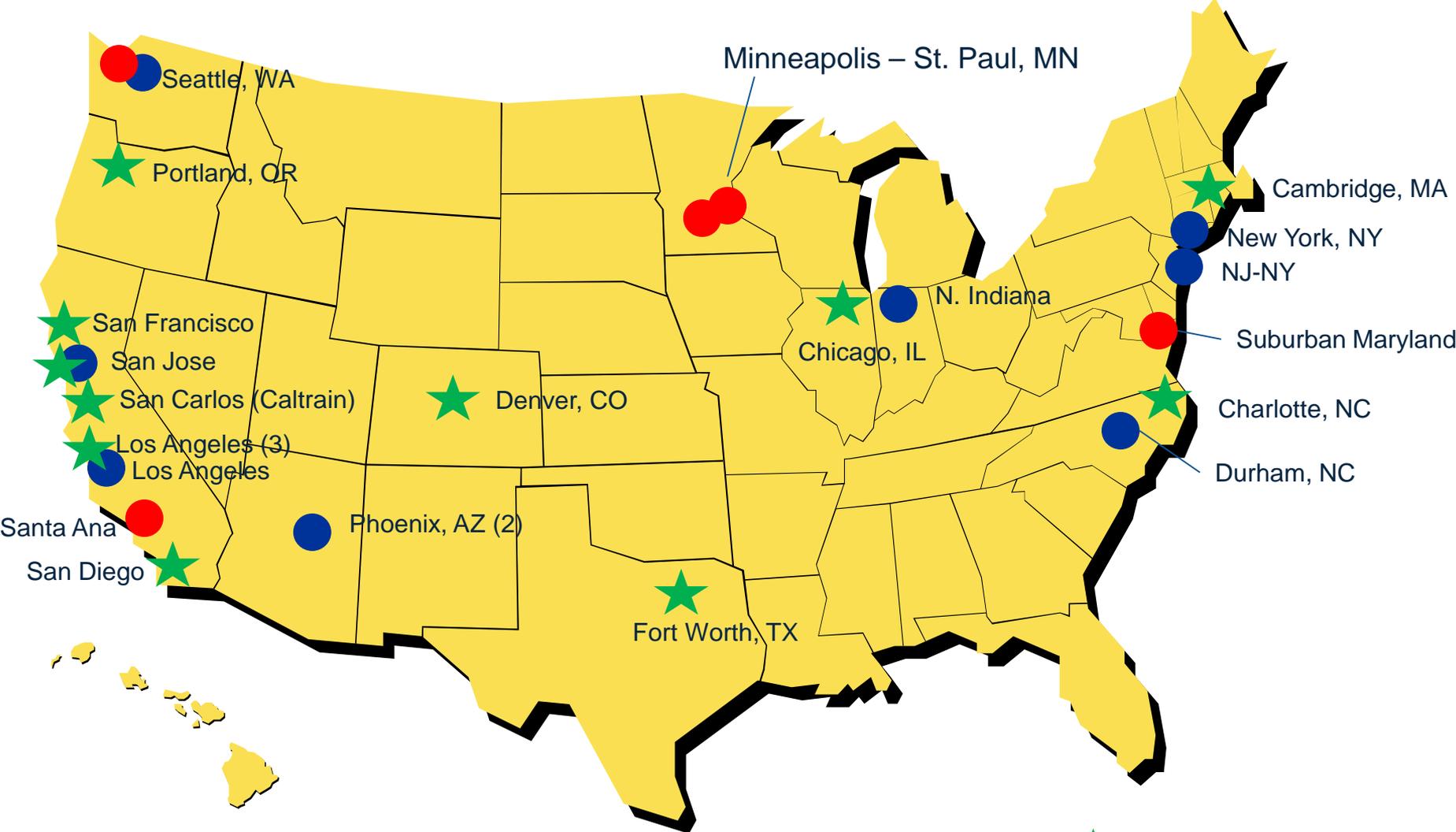
June 2017

\$1.858 Billion

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Peer “New Starts” Projects (June 2017)

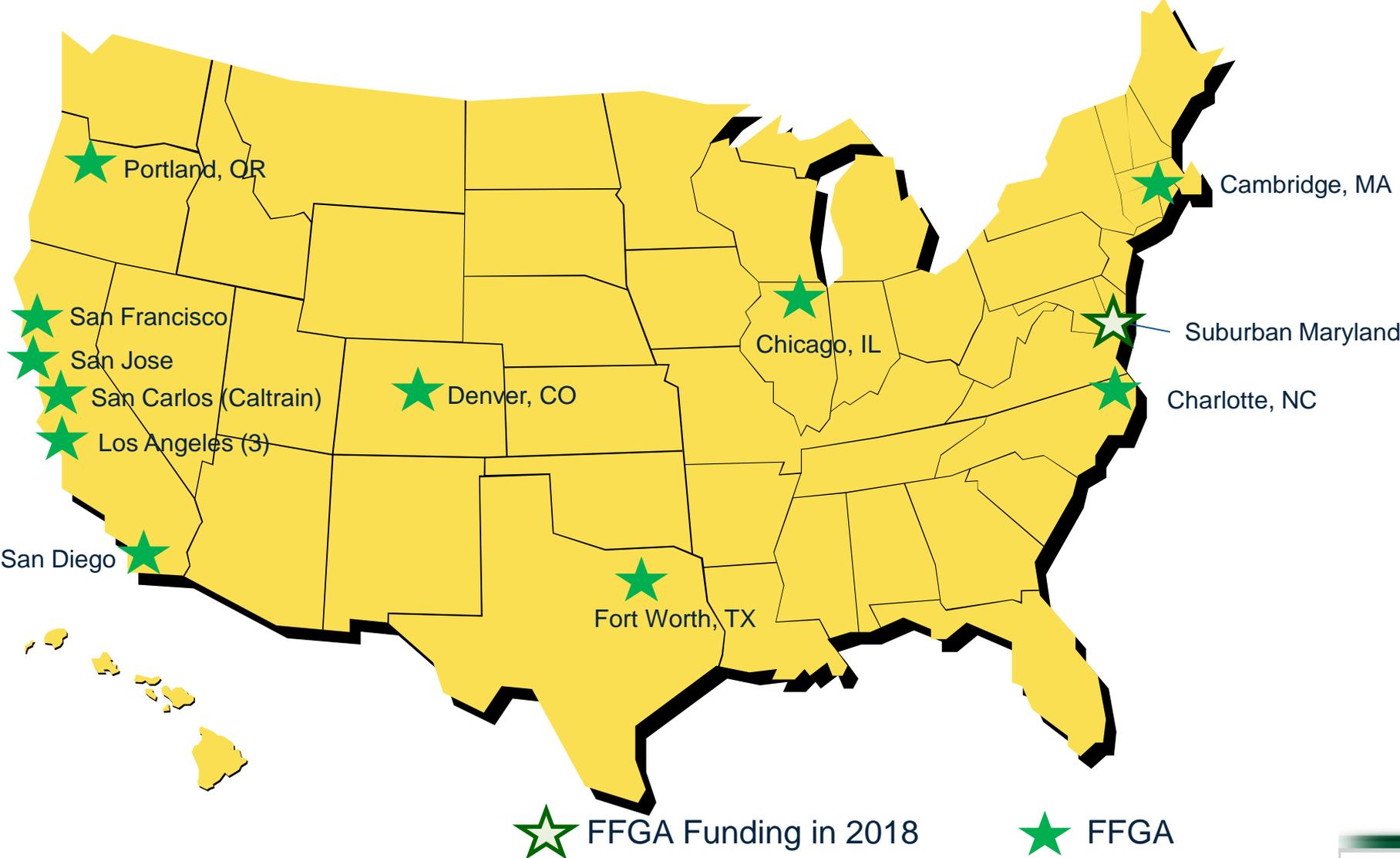


● Project Development (PD) ● Engineering ★ FFGA

Source: May 2017 FTA CIG report

Peer “New Starts” Projects (June 2017)

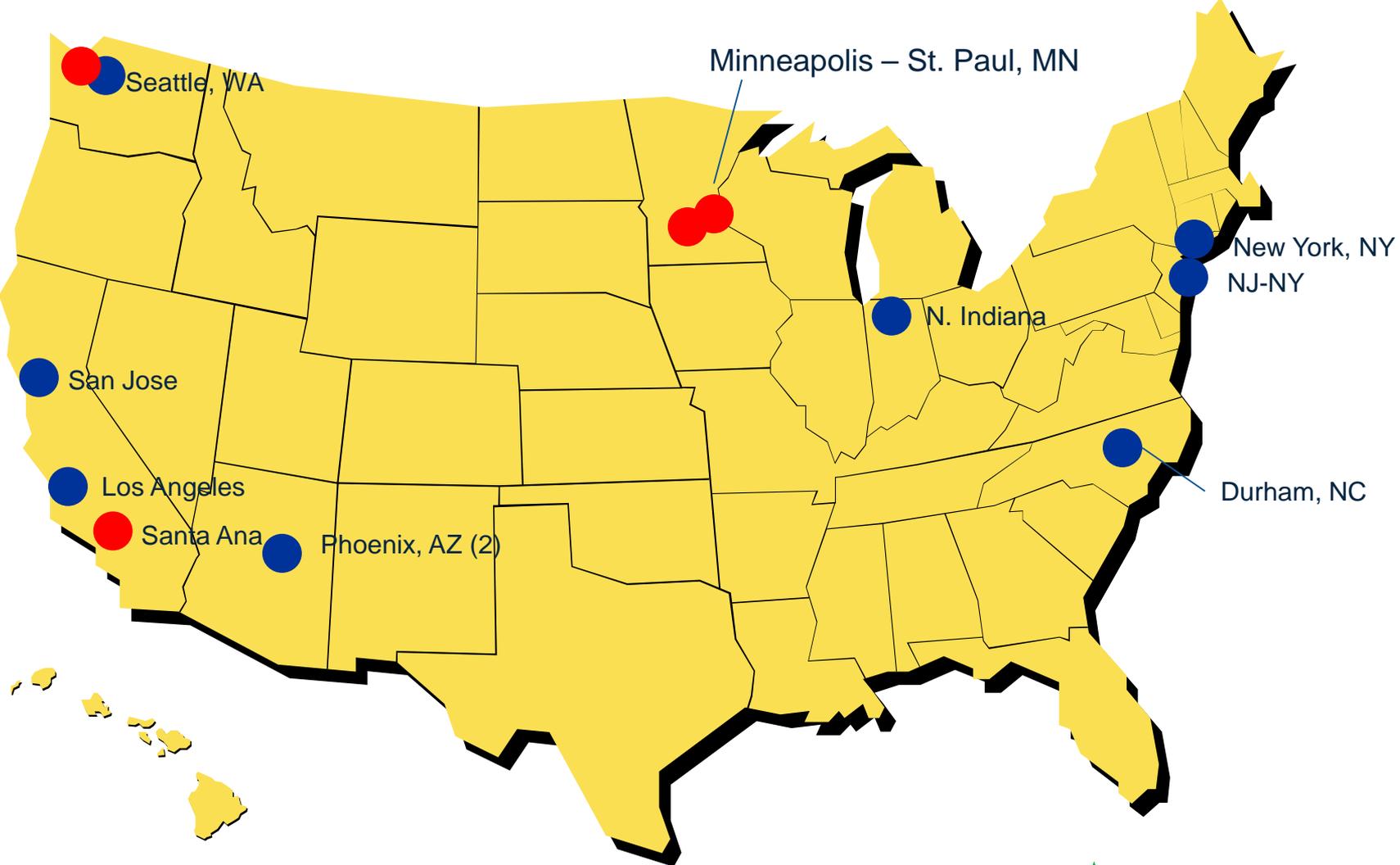
Projects with Funding In Administration’s Proposed FY18 Budget



Source: May 2017 FTA CIG report

Peer “New Starts” Projects (June 2017)

Projects without Funding In Administration’s Proposed FY18 Budget



● Project Development (PD)

● Engineering

★ FFGA

Source: May 2017 FTA CIG report

Construction Readiness

Construction Contracts Schedule

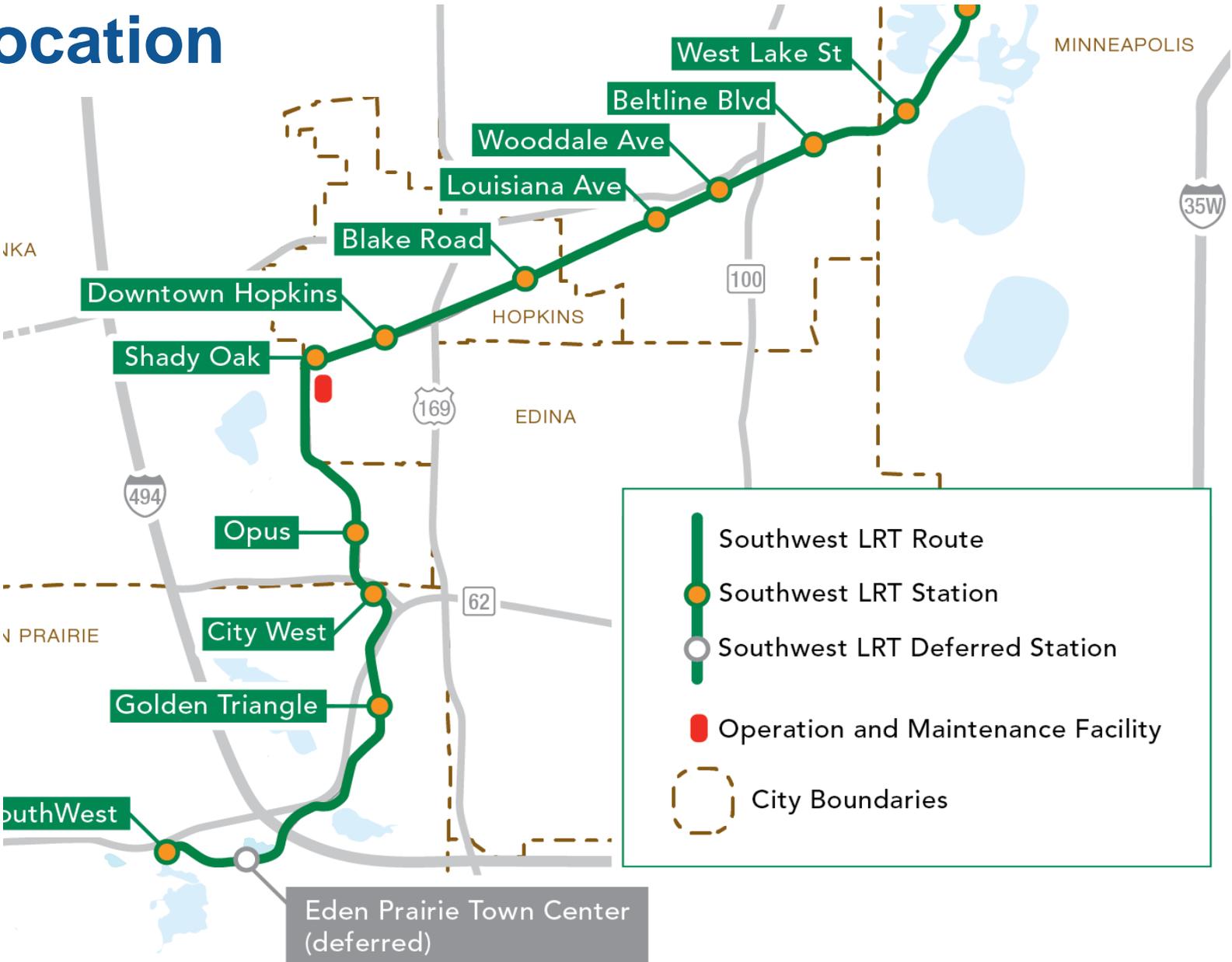
Contract	Advertise IFB/RFP	Award Contract	Limited Notice to Proceed (LNTP)
Civil Construction	Feb. 14, 2017	Nov. 2017	Dec. 2017
Operation & Maintenance Facility	July 2017	Oct. 2017	Nov. 2017
Systems	Aug. 2017	Dec. 2017	Jan. 2018

March 3: Civil Pre-Bid & DBE Meet and Greet



Operations and Maintenance Facility (OMF) Contract

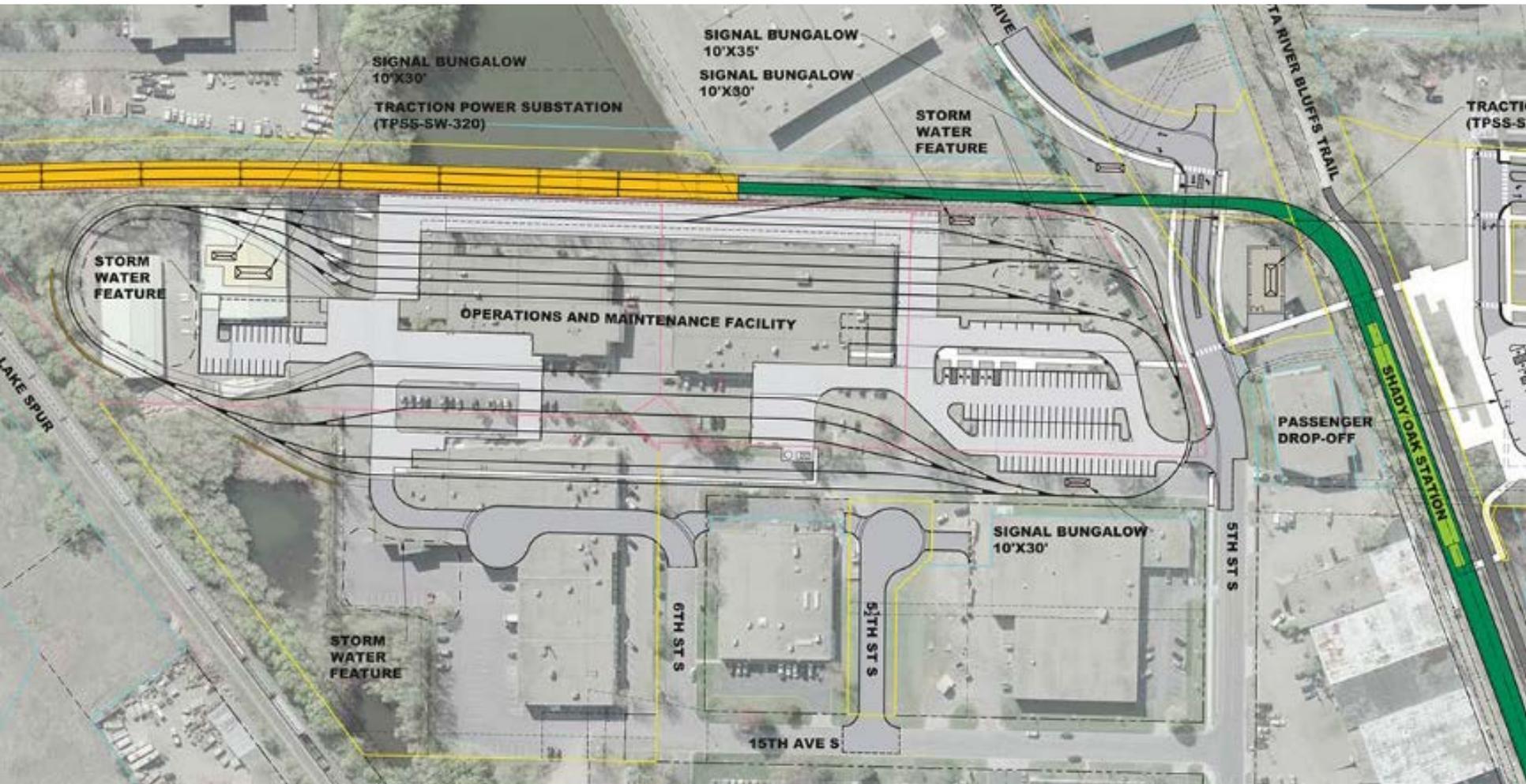
OMF Location



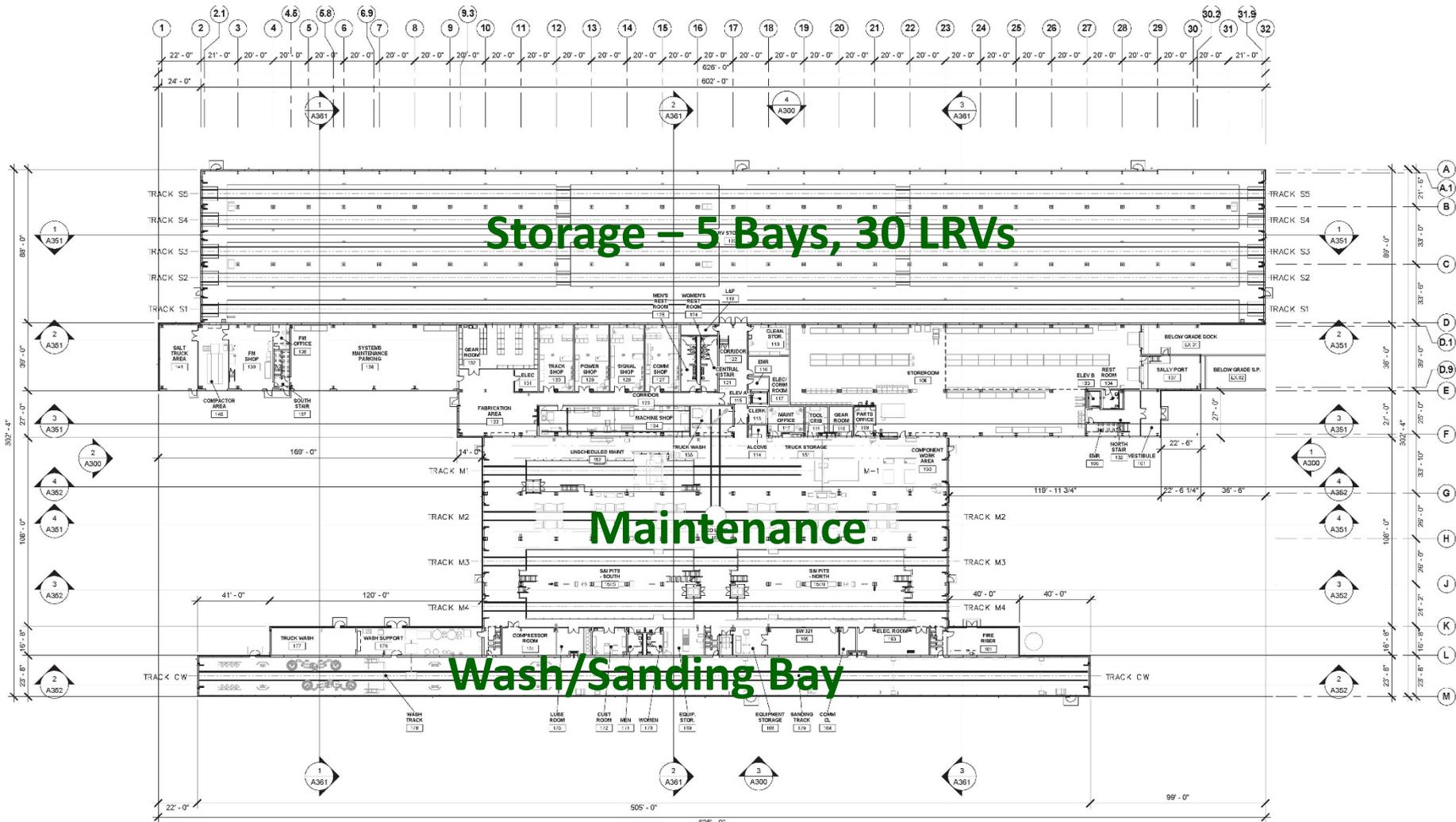
OMF Contract Scope

- Demolition of 6 existing buildings
- Soil improvements
- Yard track
- OMF building (2 story, 162,356 s.f.)
- Access roads
- Systemwide electrical cable trough/ductbank/foundations
- Utilities and drainage
- Urban design and landscaping

OMF Site Plan



Operations and Maintenance Facility Layout



Operations and Maintenance Facility



Preconstruction Inspection, Monitoring & Claims Process

Pre and Post-Construction Inspection

- Properties identified for pre-construction inspection
 - Historic properties
 - Buildings within 95 feet of T.H. 62 or Kenilworth Tunnels
 - Residential buildings with masonry/stucco within 150 feet of impact pile driving or 95 feet of other construction activities
 - All other buildings and structures within 60 feet of impact pile driving or 35 feet of other construction activities
- Outreach staff will contact property owners to schedule

Noise and Vibration Control Plan

- Developed by the Contractor, reviewed and approved by SPO
- Describes anticipated construction activities
- Identifies expected noise and vibration levels
- Identifies mitigation measures to limit noise and vibration to within acceptable levels

Monitoring

- Vibration
 - Pre-construction baseline vibration monitoring
 - Vibration monitoring sensors
 - Continuous monitoring to verify construction activities do not exceed limits when conducting high vibration construction activities
- Noise
 - Noise monitoring microphones
 - Pre-construction baseline noise monitoring
- Documentation
 - Weekly reporting of noise and vibration measurements to SPO

Claims Process: Steps 1 and 2

- Step 1: Property owner notifies project office and requests complaint form
 - Call 24/7 construction hotline
 - Call or email outreach coordinator
 - SPO outreach staff forwards to Contractor's Claims Representative
- Step 2: Property owner completes and submits complaint form to Contractor's Claims Representative, per instructions on the form

Claims Process: Step 3

- Step 3: Contractor follows up with property owner
 - Investigate claim
 - Inform claimant of acceptance or denial in writing
 - Provide copy of report and letter to Council risk management staff
- Met Council staff provides oversight
 - Receives copies of all correspondence to claimant
 - Meets with Contractor's Claims Representative to review status of active claims monthly, or more frequently at Council's discretion

Claims Process: Step 4

- If a property owner disagrees with the contractor's response, the property owner/claimant may pursue binding arbitration
 - If selected, claimant may not pursue other remedies
 - Contractor and claimant must agree to an arbitrator from a panel identified by Met Council; should they disagree the Met Council will choose the arbitrator
 - Council will pay for arbitrator
 - No arbitration award may exceed \$15,000

Communications and Outreach

- Prepared one-pager that identifies strategies to minimize impacts and process for filing a claim
- Meeting with property owners to discuss concerns



Getting ready for construction: Minimizing construction impacts and understanding the claims process

Construction activities will begin later in 2017 on the Southwest LRT Project (METRO Green Line Extension). We know that construction can be messy and unpredictable. To help reduce construction impacts, the Southwest LRT (SWLRT) Project Office worked with city staff, residents and businesses to generate ideas.

Based on public feedback and federal guidelines, contract specifications establish maximum vibration levels and monitoring requirements to minimize impacts. Crews will set up vibration monitors along the corridor to confirm that vibration levels comply with allowable levels.

Crews will also document pre-construction conditions. With the permission of homeowners and property managers, crews will inspect and photograph the interior and exterior of structures near the project before construction begins. The photos will provide a basis of comparison in cases of claims alleging construction damage.

Staff will first notify specific properties and request access. It is in the property owners' interest to allow access because it will help facilitate the claims process.

Steps for property owners to follow if they suspect damage

Even with careful planning, damage can occur. As soon as a property owner suspects LRT construction caused damage, they should contact project staff using the following process:

Step 1: Property owner contacts the project office and requests a complaint form by:

- Calling 24-hour hotline OR
- Calling or emailing Met Council outreach staff (see contact information below)

Step 2: Property owner completes and submits complaint form to the Contractor's Claims Representative, per instructions on the form

Step 3: Contractor follows up with the property owner (also called the claimant) to:

- Investigate claim.
- Inform property owner of acceptance or denial in writing.
- Contractor will also notify the Met Council outreach coordinator and provide a copy of the report and letter to Metropolitan Council's risk management staff.

Step 4: If a property owner disagrees with the contractor's response, the property owner/claimant may pursue binding arbitration.

- If selected, the claimant may not pursue other remedies.
- Contractor and claimant must agree to an arbitrator from a panel identified by the Met Council; should they disagree, the Met Council will choose the arbitrator.
- Council will pay for the arbitrator.
- No arbitration award may exceed \$15,000.

The Met Council's risk management staff will meet monthly with the Contractor's Claims Representative to review status of active claims.

Construction Coordination

Minneapolis

- 1** METRO Blue Line Extension (Metro Transit, 2018–2021)

- 2** Glenwood Ave. reconstruction (Hennepin Co., 2018–2019)

- 3** I-94 rehabilitation (MnDOT, 2017–2018)

- 4** I-35/Lake St. transit access (MnDOT, 2017–2021)

- 5** Farmers Mkt improvements (Minneapolis, 2018–2019)

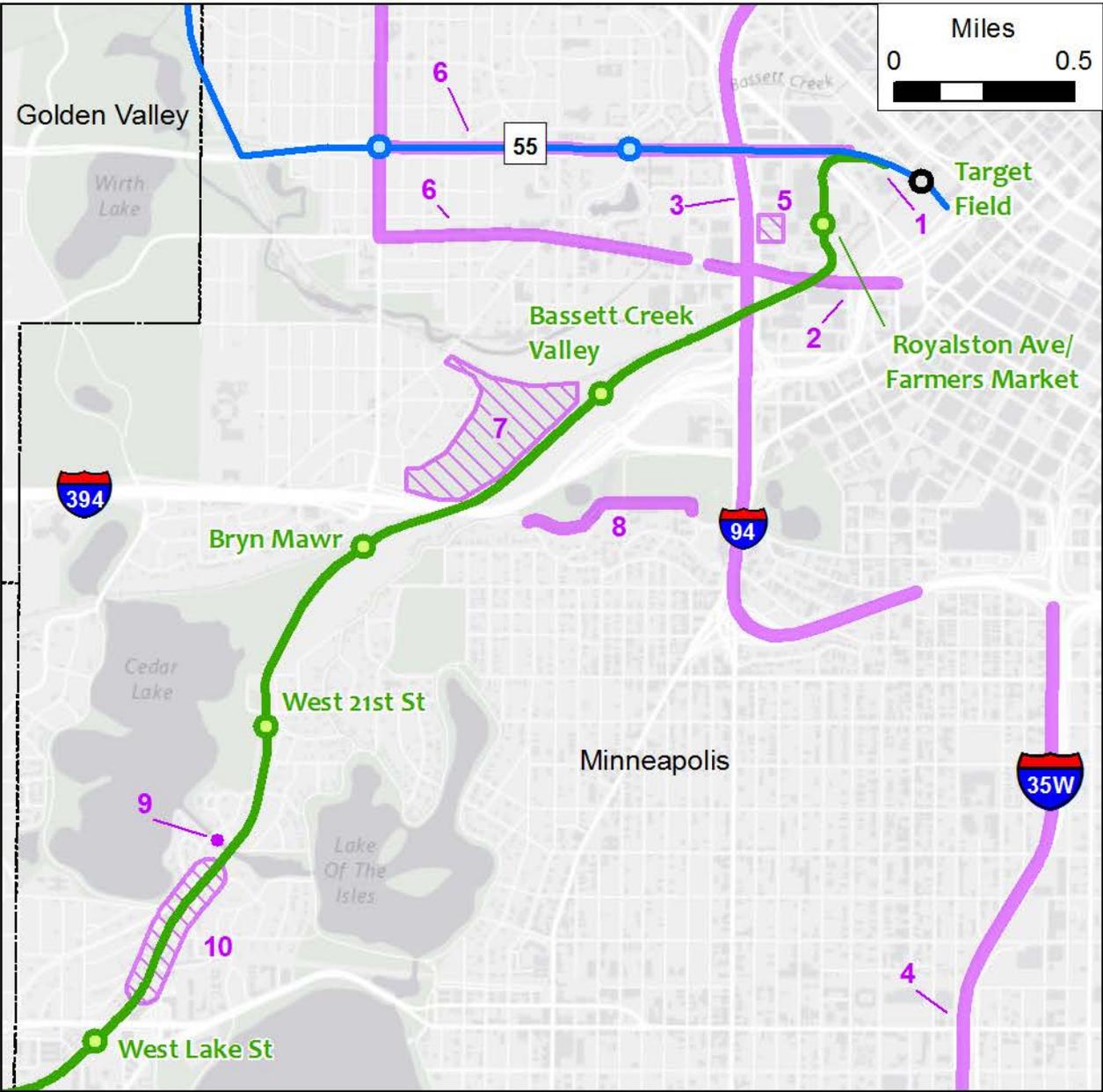
- 6** C Line BRT (Metro Transit, 2018–2020)

- 7** Bryn Mawr Meadows park refurb. (MPRB, TBD)

- 8** Kenwood Pkwy resurfacing (Minneapolis, 2018)

- 9** WPA wall rehabilitation (MPRB, 2018–2019)

- 10** Public utility relocation/rehab. (Minneapolis, 2017–2018)



Public Works Projects:

St. Louis Park

- 11** City-led parking structure (SLP, 2017–2021)

- 12** Carpenter Park stormwater improvements (SLP, 2017)

- 13** TH 100 landscaping (MnDOT, 2017)

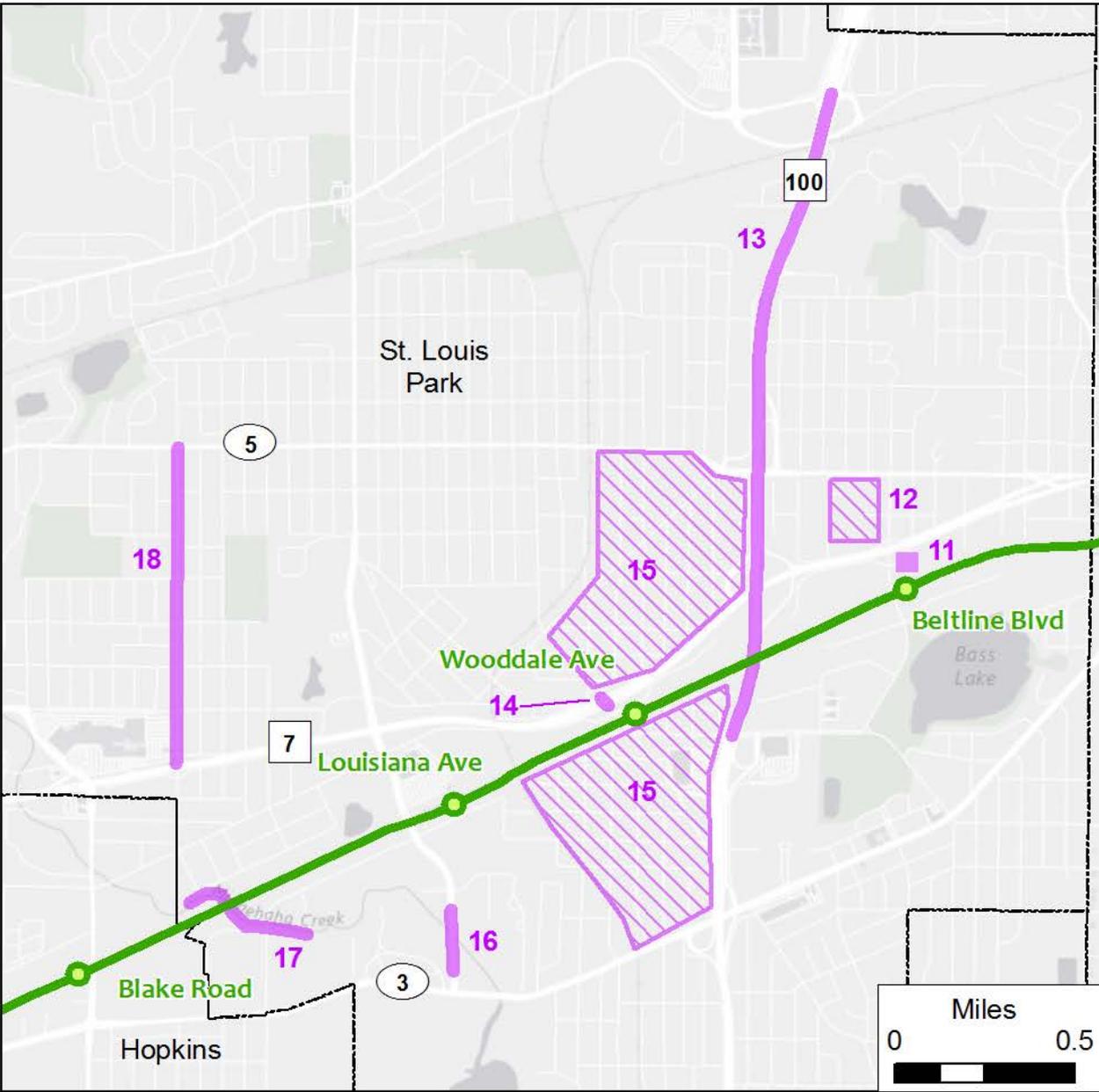
- 14** Wooddale Ave. bridge improvements (SLP, 2017–2019)

- 15** Roadway improvements (SLP, 2018)

- 16** Louisiana Ave. bridge at creek (SLP, 2018)

- 17** Minnehaha Creek trail (SLP/MCWD, 2018)

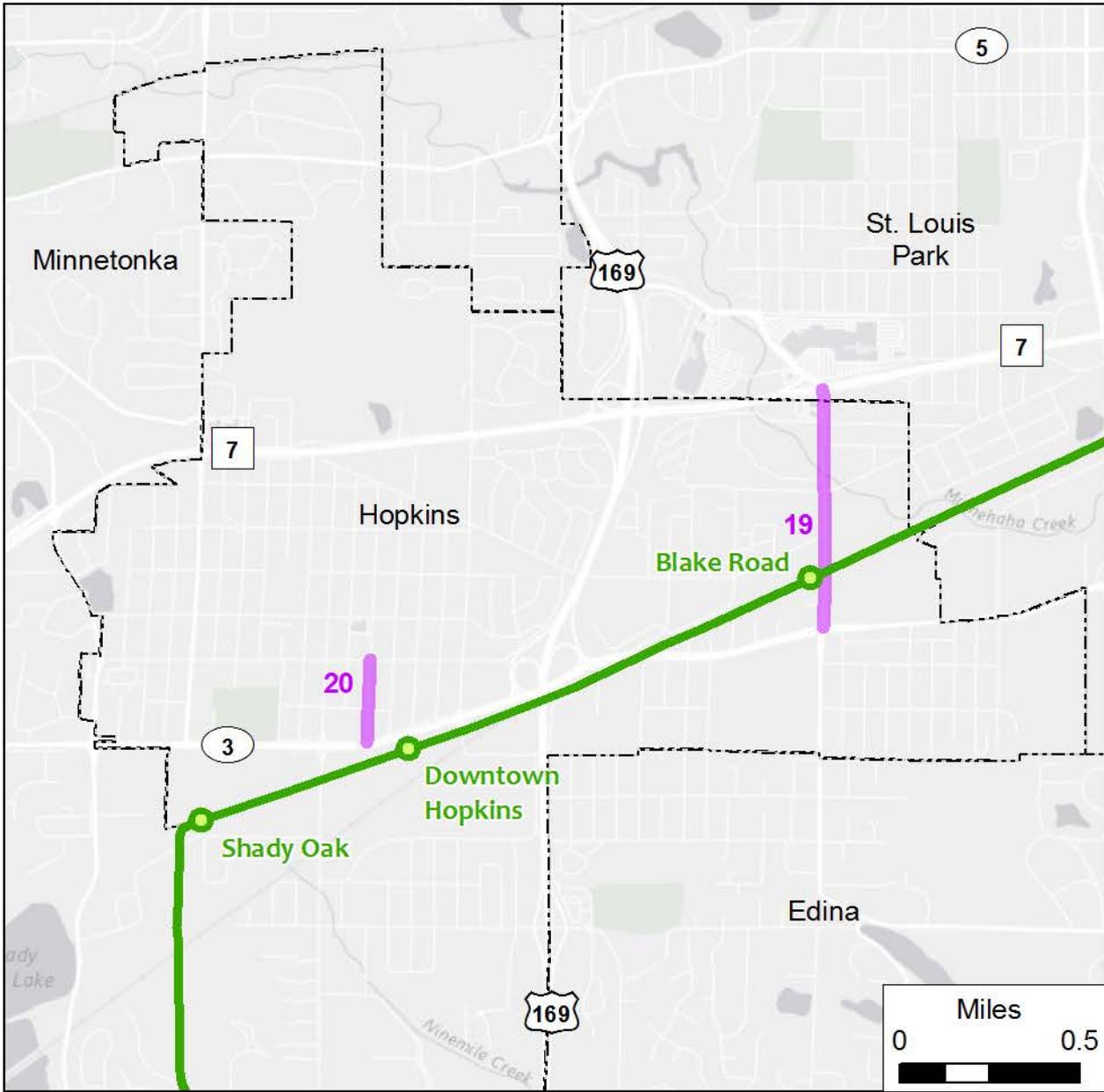
- 18** Texas Ave. reconstruction (SLP)



Hopkins

19 Blake Rd. reconstruction
(Hopkins, 2018–2019)

20 8th Ave. “Artery”
reconstruction
(Hopkins, 2017–2018)



Public Works Projects:

Minnetonka & Eden Prairie

- 21** Opus area roads/bridges (Minnetonka, 2017–2019)

- 22** TH 62 and TH 212 roadway improvements (MnDOT, 2018–2019)

- 23** W 62nd St. reconstruction (Eden Prairie, 2018–2019)

- 24** W 70th St. reconstruction (Eden Prairie, 2018–2019)

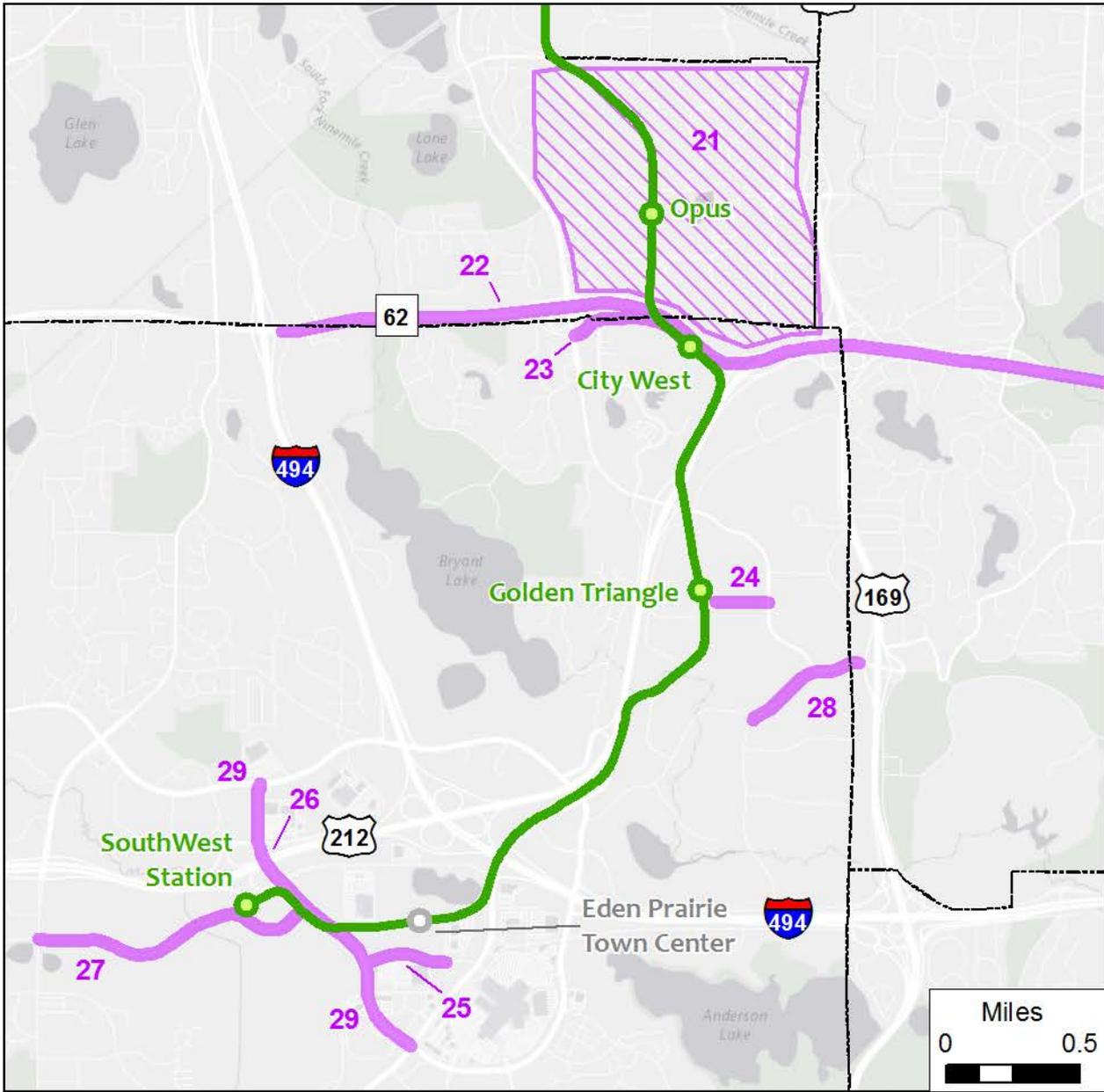
- 25** Singletree Blvd. rehab. (Eden Prairie, 2018–2019)

- 26** Prairie Center Dr. bridge at TH 212 (Eden Prairie, 2019)

- 27** Technology Dr. mill/overlay (Eden Prairie, **TBD**: 2018–20)

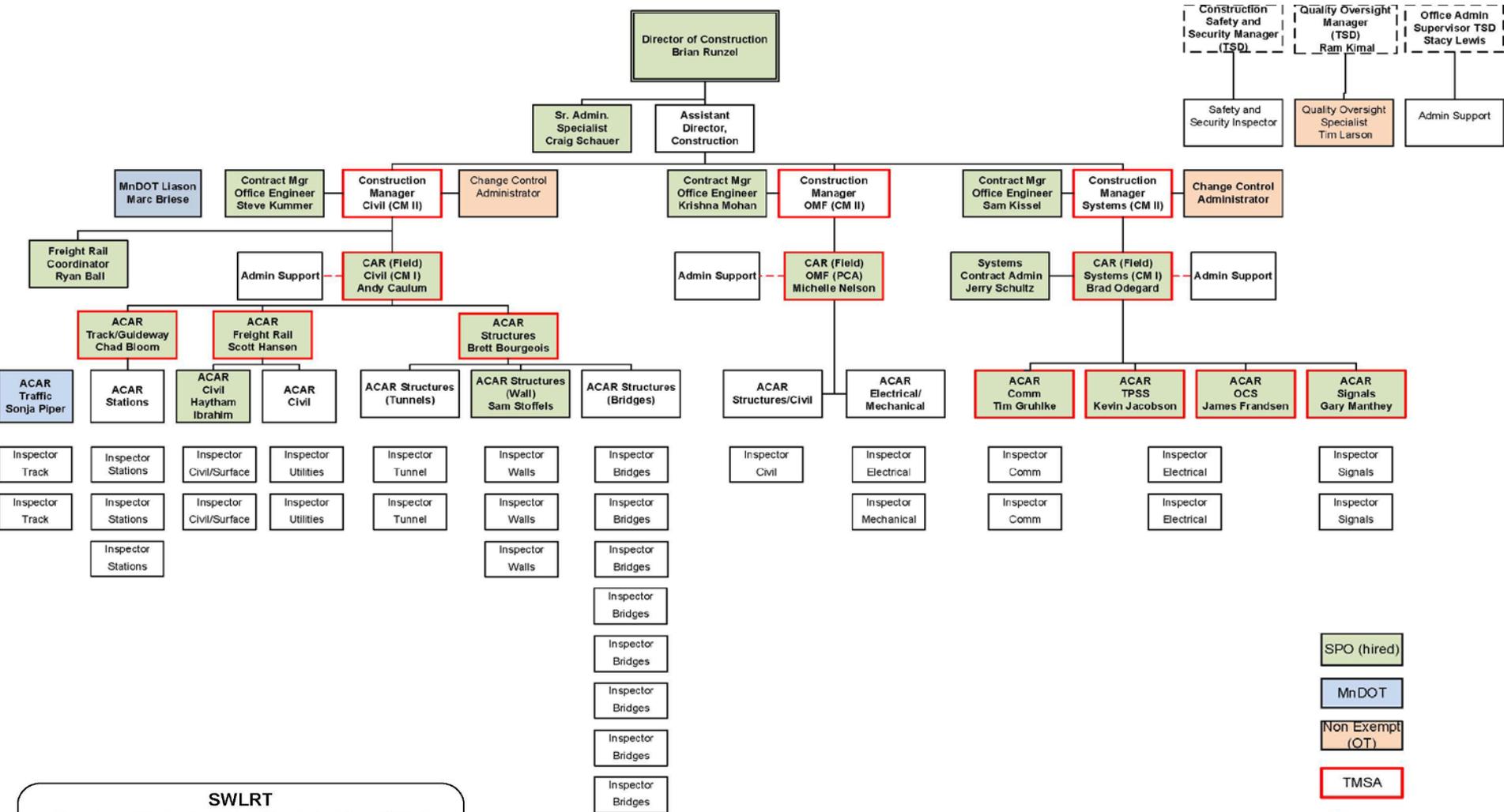
- 28** Valley View Rd. trail (Eden Prairie, 2017)

- 29** Prairie Center Dr. mill/overlay (Eden Prairie, **TBD**: 2018–20)



Construction Staffing

Construction Staffing



SWLRT
Proposed Construction Organization Chart
 Rev 03-00 06/06/2017

SPO (hired)
 MnDOT
 Non Exempt (OT)
 TMSA

--- Daily Instruction not a direct report



Workforce Outreach Activities

Gary Courtney

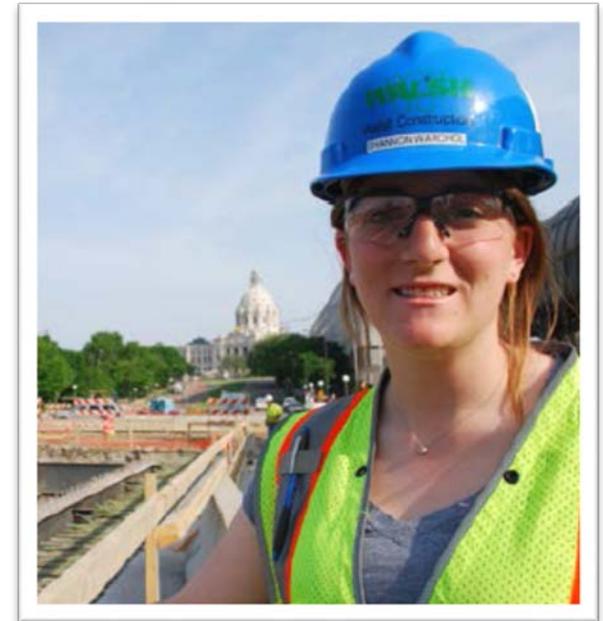
gary.courtney@metc.state.mn.us

Workforce Update

- Light Rail Transit (LRT) Build
- Construction Job Seeker Website
- Outreach Activities

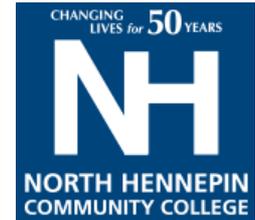
LRT BUILD

- 10 week workforce development program
- Soft and hard skills training to prepare participants for apprenticeship with construction unions
- Assist in meeting industry workforce demands of area construction projects to include SWLRT
- Targeting under employed, underrepresented individuals



LRT BUILD: Program Partners

- Metropolitan Council
- Minneapolis Building and Construction Trades Council
- North Hennepin Community College
- Twin Cities R!SE
- Hennepin-Carver Workforce Development Board
- Construction Careers Foundation
- McKnight Foundation



LRT BUILD: Program Model

- Goal for is 100 applicants to select 40 participants per cohort
 - Anticipate 50% attrition based on experience with similar programs
- Cohorts
 - Current cohort completes program in June 30, 2017
 - Next cohort begins Spring 2018

Program Goals	Phase I 2 months	Phase II 4 weeks	Phase III 6 weeks
Number of Participants	100 applicants	40 selected to enter program	20 complete course
Program Phase	Outreach and Assessment	Job Readiness	Customized Classes/Hands-On Training
Time Period	March – April 2017	April –May 2017	May – June 2017

LRT BUILD: Current Cohort

Gender	#	%
Male	15	94%
Female	1	6%

Drivers Lic.	#	%
Yes	14	88%
No	2	13%

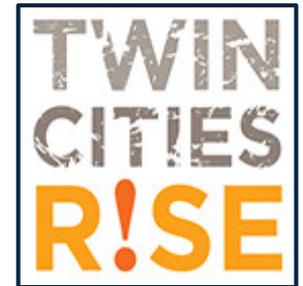
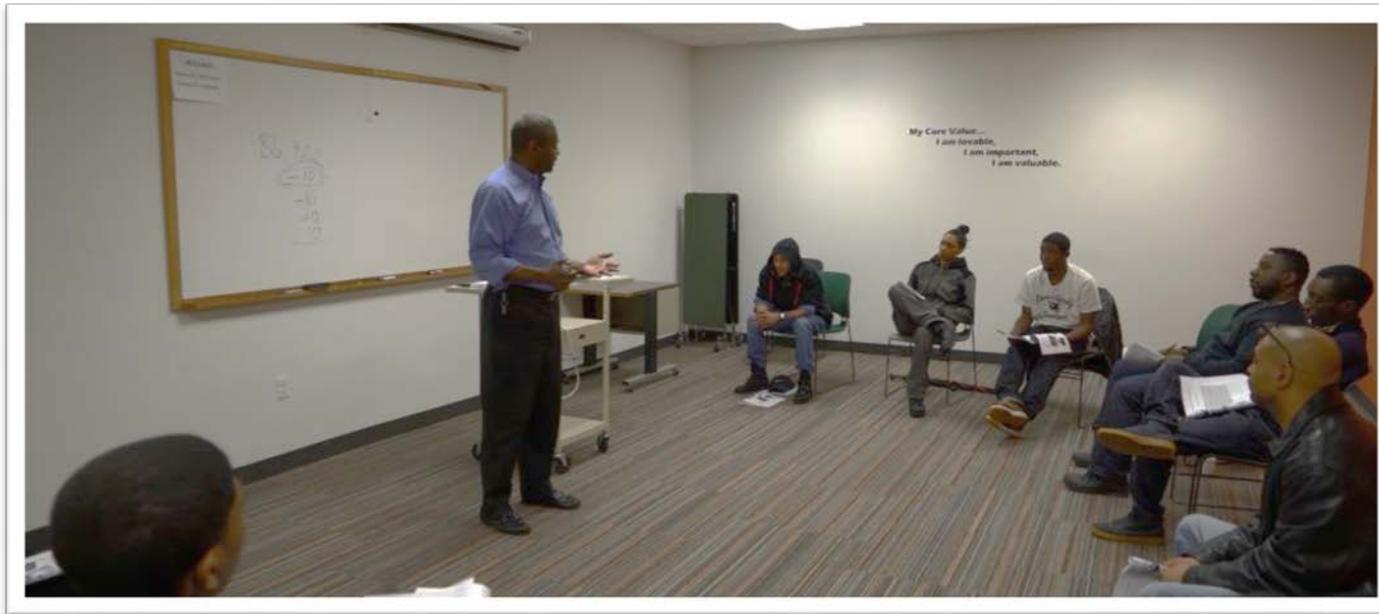
Attrition	#	%
Started Program	27	100%
Completed	16	59%

Ethnicity	#	%
African Im.	2	13%
Black	11	69%
Other	3	19%



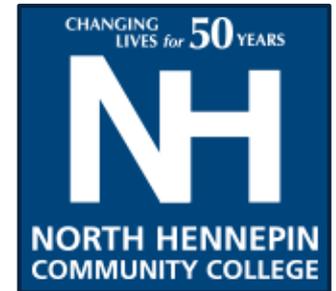
LRT BUILD: Readiness Training

40 Hours of Empowerment Training at Twin Cities
R!SE



LRT BUILD: Readiness Training

80 Hours of Industry Classroom Training at North Hennepin Community College



LRT BUILD: Readiness Training

15 Hours of Construction Site Visit Tours at various Union JATCs



LRT BUILD: Readiness Training

60 Hours of Hands-On Training at various Union JATCs



LRT Build Video



<https://youtu.be/0RvfB8qLkY4>

LRT BUILD Completion Ceremony

- Friday June 30, 2017
- 10:00 a.m. – 11:30 a.m.
- North Hennepin Community College
Grand Hall in Center for Business and Technology (CBT)
7411 85th Avenue North
Brooklyn Park, MN 55445

RSVP to Jon.vang@metc.state.mn.us

Construction Job Seekers Website

- Council owned and managed Construction Job Seeker (CJS) webform to serve as a connection between residents of communities served by Council seeking construction jobs/training and prime contractors performing on the Council Southwest Light Rail construction project

Construction Job Seekers Website

- 'Go Live' July 2017
- Partner with apprenticeship preparation programs and enroll graduates

The screenshot shows a web browser window displaying the 'Jobs and Training' page for the Southwest LRT project. The page features a navigation menu with categories like COMMUNITIES, PARKS, TRANSPORTATION, WASTEWATER & WATER, HOUSING, and PLANNING. The 'TRANSPORTATION' category is highlighted. Below the navigation, there is a sidebar for 'SOUTHWEST LRT' with a 'Jobs and Training' link circled in yellow. The main content area is titled 'JOBS AND TRAINING' and 'Construction Related Opportunities'. It includes a photo of construction workers and sections for 'Construction Management Staffing', 'Construction Trades Training', and 'Employment Events'. A 'CONNECT' section with social media icons and a 'NEWS' section with articles are also visible. At the bottom, there is an 'EMAIL' subscription form.

Workforce Outreach Activities

- Construction Training Fair - Fall 2017
 - Date and location TBD
- Target attendees
 - Unskilled individuals in need of construction skills training
 - Apprenticeship preparation institutions

Animations

St. Louis Park



<https://youtu.be/OmxCUvuF8ho>

Minnetonka



<https://youtu.be/e8zPMdT4gQw>

More Information

Online:

www.SWLRT.org

Email:

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Twitter:

www.twitter.com/southwestlrt

