

# KC STREETCAR MAIN STREET EXTENSION TO UMKC 2022 REPORT



The KC Streetcar Main Street Extension will extend the streetcar 3.5 miles south on Main Street, adding 15 stops and connecting the River to the Roos (River Market to UMKC). This report highlights construction milestones and progress accomplished in 2022.

## GROUNDBREAKING

On April 6, the City of Kansas City, Missouri officially broke ground on the Main Street Extension! Hundreds of guests attended to celebrate and commemorate this milestone by signing a piece of track, including Nuria Fernandez, FTA Administrator, and other federal, state, and local elected officials and community leaders.



## REINFORCED CONCRETE BOX (RCB) WORK

In order to mitigate stormwater concerns, an 11-foot wide, 6-foot tall, and 300-foot long storm sewer box, also known as a reinforced concrete box (RCB), was installed in the middle of Main Street, from 37th Street to 36th Street. The RCB box will help prevent flooding in midtown for years to come.



## SINGLETON YARD EXPANSION

The KC Streetcar Authority is adding eight vehicles to their fleet to support operations once the KC Streetcar Main Street Extension is open. The Vehicle Maintenance Facility (VMF) is expanding and adding three additional tracks to accommodate operations, maintenance, and equipment for the total of 14 streetcars you can #Ridein2025. Construction on the warehouse began in June.

## MEDIAN REMOVAL COMPLETE

In July, existing medians were removed from 46th Street to 49th Street along Main Street to make way for the future Plaza Transit Center.



## FIRST STATION STOP PLATFORM POUR

At the end of September, the platform for the northbound National World War I Museum/Memorial station stop was poured in September. This one of 15 streetcar stops that will be built for the extension.

## RELOCATION OF THE TROLLEY TRACK TRAIL

The Trolley Track Trail was relocated and paved along with the installation of retaining walls and fencing near the southern terminus located at 51st Street, the future home of the UMKC station stop.



## OCS FOUNDATION AND TPSS WORK CONTINUES

Overhead Catenary System (OCS) foundation work started in August, and 55 OCS foundations have been drilled. The OCS poles carry electricity from the power stations to the streetcar.

Two electrical vaults were installed for a future Track Power Substation (TPSS) near the area of Warwick Trafficway and Main Street. The TPSS sites provide electricity to the OCS poles to help power the streetcar. Five new TPSS sites will be installed.



JANUARY

## RAIL DELIVERY & WELDING

Crews arrived on site in late 2021 and in order to be ready for rail delivery in January when nearly 700 tons of rail was delivered. Each rail stick is 80 feet vs same size as a fully grown rhinoceros at the Kansas City Zoo! KC Streetcar Constructors began welding rail pieces together to create 400-foot strings.



FEBRUARY



## OPEN HOUSE

In March, KC Streetcar Constructors hosted an open house public meeting. This allowed business owners, residents, and community members to see renderings, learn about the construction schedule, and talk to the project team prior to construction.

MARCH

APRIL

## ON THE RIGHT TRACK!

KC Streetcar Constructors finished installing the first 1,868 feet of track using 646 cubic yards of concrete on the west side of Main Street between Pershing Road and 27th Street.



MAY

JUNE

## FIRST MAIN STREET MEET UP

The first monthly Main Street Meet Up was hosted on June 28. Main Street Meet Ups engage businesses along the corridor, encourage support of local businesses impacted by construction, and offer a chance for people to meet with project team members.



JULY

## TRACK FOR NORTHBOUND UNION STATION STOP

All aboard! The portion of track for the future KC Streetcar northbound Union Station stop was installed. This small piece of track is north of Pershing Road.

AUGUST

## IMPROVING MOBILITY

About 13,800 feet of sidewalks will be installed to help connect people to the streetcar stops. Crews installed more than 2,000 feet of sidewalk this year, starting on the east side of Main Street from Pershing Road to 27th Street. A separated mobility lane was added on the west side of Main Street from Pershing Road to 27th Street to provide a protected lane to walk, bike, and roll.



SEPTEMBER

OCTOBER

## SETTING THE FOUNDATION

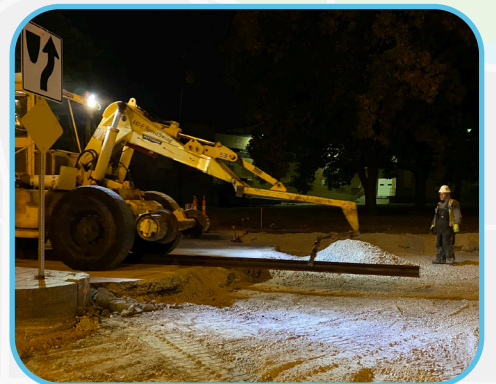
The KC Streetcar Authority is adding another bay to its Vehicle Maintenance Facility to support operations. Bay 4 will be tandem style to support inspection, vehicle lifting capacity, and wheel truing.



NOVEMBER

## 17TH RAIL PULL OF THE YEAR

Half of the rail needed for the project is stored near the intersection of 27th Street and Grand Boulevard. Crews work during the early morning hours to move the rail from the storage area to the work zone. 17 rail pulls took place in 2022 to install 10,386 feet of track.



DECEMBER



# KC STREETCAR MAIN STREET EXTENSION TO UMKC 2022 REPORT

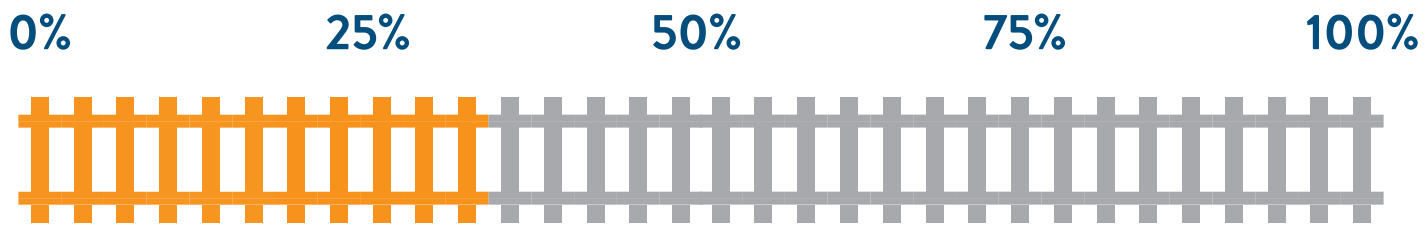


## KC STREETCAR MAIN STREET EXTENSION TO UMKC



### Track Construction Progress

**31% Complete\***



*\*Updated as of December 31, 2022*

Approximately 32,798 feet of track will be installed.

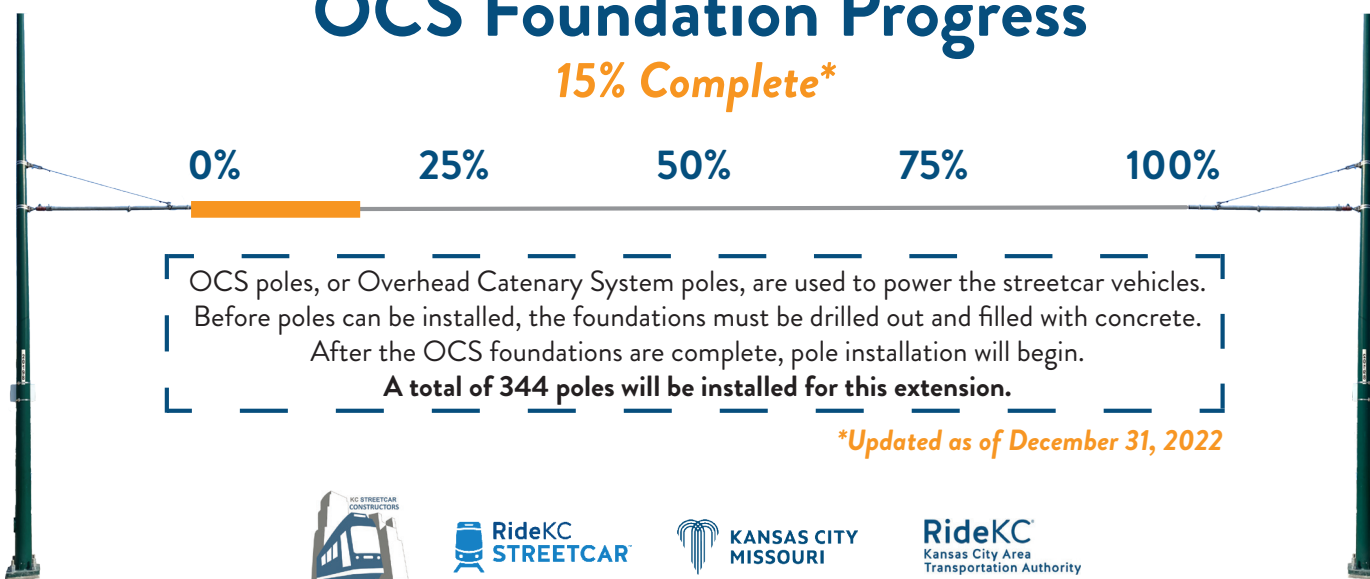


## KC STREETCAR MAIN STREET EXTENSION TO UMKC



### OCS Foundation Progress

**15% Complete\***



OCS poles, or Overhead Catenary System poles, are used to power the streetcar vehicles. Before poles can be installed, the foundations must be drilled out and filled with concrete. After the OCS foundations are complete, pole installation will begin.  
A total of 344 poles will be installed for this extension.

*\*Updated as of December 31, 2022*



### ABOUT THE KC STREETCAR CONSTRUCTORS

KC Streetcar Constructors (KCSC) led the construction of the KC Streetcar downtown starter line and is excited to be together again to build the Main Street Extension. KC Streetcar Constructors is a joint venture between Herzog Contracting Corp. and Stacy and Witbeck Inc., is joined by Burns & McDonnell and JE Dunn Construction to form the initial construction team. The project is overseen by the joint partnership of the City of Kansas City, Missouri, the KC Streetcar Authority, and the Kansas City Area Transportation Authority.

### KEEP IN TOUCH!

To stay up to date with the latest #BuildKCSC progress, follow [@BuildKCSC](#) or visit [buildkcstreetcar.com](http://buildkcstreetcar.com).

