

# Resource Conservation Council

## Facility Conformance Subcommittee

February 1, 2023

Staff Contact: Elena Berg

# Procedures for Online Meeting

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- ▶ Please keep your microphone on mute when not speaking.
- ▶ Please state your name and the entity you are representing when you ask a question or provide a comment.

# Welcome and Introductions

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- Patricia Redfearn, City of Grand Prairie  
Chair, Facility Conformance Subcommittee

# Presentation

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- ▶ Type V permit amendment application for the North Texas Municipal Water District Parkway Transfer Station in Plano, Texas.
  - ▶ Mike Friesen, Assistant Deputy – Solid Waste  
North Texas Municipal Water District
  - ▶ Charles Marsh, P.E., Project Director  
Weaver Consultants Group, LLC



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# PARKWAY TRANSFER STATION

## MAJOR PERMIT AMENDMENT

NCTCOG CONFORMANCE REVIEW

FEBRUARY 1, 2023



**Mike Friesen**  
Assistant Deputy – Solid waste



**Charles Marsh, PE**  
Project Director





## APPLICANT INFORMATION

- The applicant for this application is the North Texas Municipal Water District (NTMWD).
- NTMWD provides vital water, wastewater, and solid waste processing and disposal services to over 2 million people in the North Texas area.
- NTMWD owns and operates 3 transfer stations that are permitted to accept a combined 3,370 tons per day and the 121 Regional Disposal Facility which accepts approximately 1 millions tons annually.



## SITE HISTORY

- The Parkway Transfer Station (TS) is an existing Type V permitted municipal solid waste (MSW) TS located within the city limits of Plano, Texas.
- Parkway TS was permitted in 1982 under MSW permit 1494 and operational since 1984.
- Facility accepts household waste, brush, yard waste, commercial solid waste, Class 2 and Class 3 industrial waste (nonhazardous), and construction-demolition waste.
- Metal/White Goods, Tires, used oil, and used oil filters accepted for recycling.



## PROPOSED PERMIT AMENDMENT SUMMARY

- Expanded TS building to include a top-loading tunnel to improve loading and operational efficiencies.
- Facility capacity will increase from 770 tons per day (TPD) to 1,500 TPD, averaged over 365 days per year.
- No change to permit boundary or access point.



# SITE LOCATION



- Parkway TS is located approximately 400 feet southwest of W. Plano Parkway in Collin County, Texas.



## ZONING WITHIN 2 MILES OF PERMIT BOUNDARY

<b>Land Use</b>	<b>Acres</b>	<b>Percent</b>
<b>Residential</b>	1,064.1	47.8
<b>Light Industrial</b>	247.1	11.1
<b>Retail/Offices</b>	313.9	14.1
<b>Industrial/Commercial</b>	104.6	4.7
<b>Urban/Mixed</b>	153.6	6.9
<b>Transportation Corridor</b>	160.3	7.2
<b>Agriculture/Open Space</b>	133.6	6.0
<b>Planned Development</b>	46.7	2.1
<b>NTMWD Parkway Transfer Station</b>	7.75	0.1



# Certificate of approval from Plano



City of Plano  
1520 K Avenue  
Plano, TX 75074

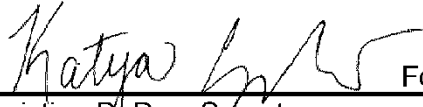
P.O. Box 860358  
Plano, TX 75086-0358  
Tel: 972.941.7000  
plano.gov

CITY OF PLANO, TEXAS

CERTIFICATE OF APPROVAL

In accordance with the provisions of Section 212.0115 of the Texas Local Government Code, it is hereby certified that the **PRELIMINARY REPLAT & REVISED SITE PLAN** of **PARKWAY TRANSFER STATION ADDITION, BLOCK 1, LOT 1R** has been reviewed and approved by the Planning & Zoning Commission on the **4TH DAY OF JANUARY, 2022**.

1/4/22  
Date

  
For:  
Christina D. Day, Secretary  
Planning & Zoning Commission

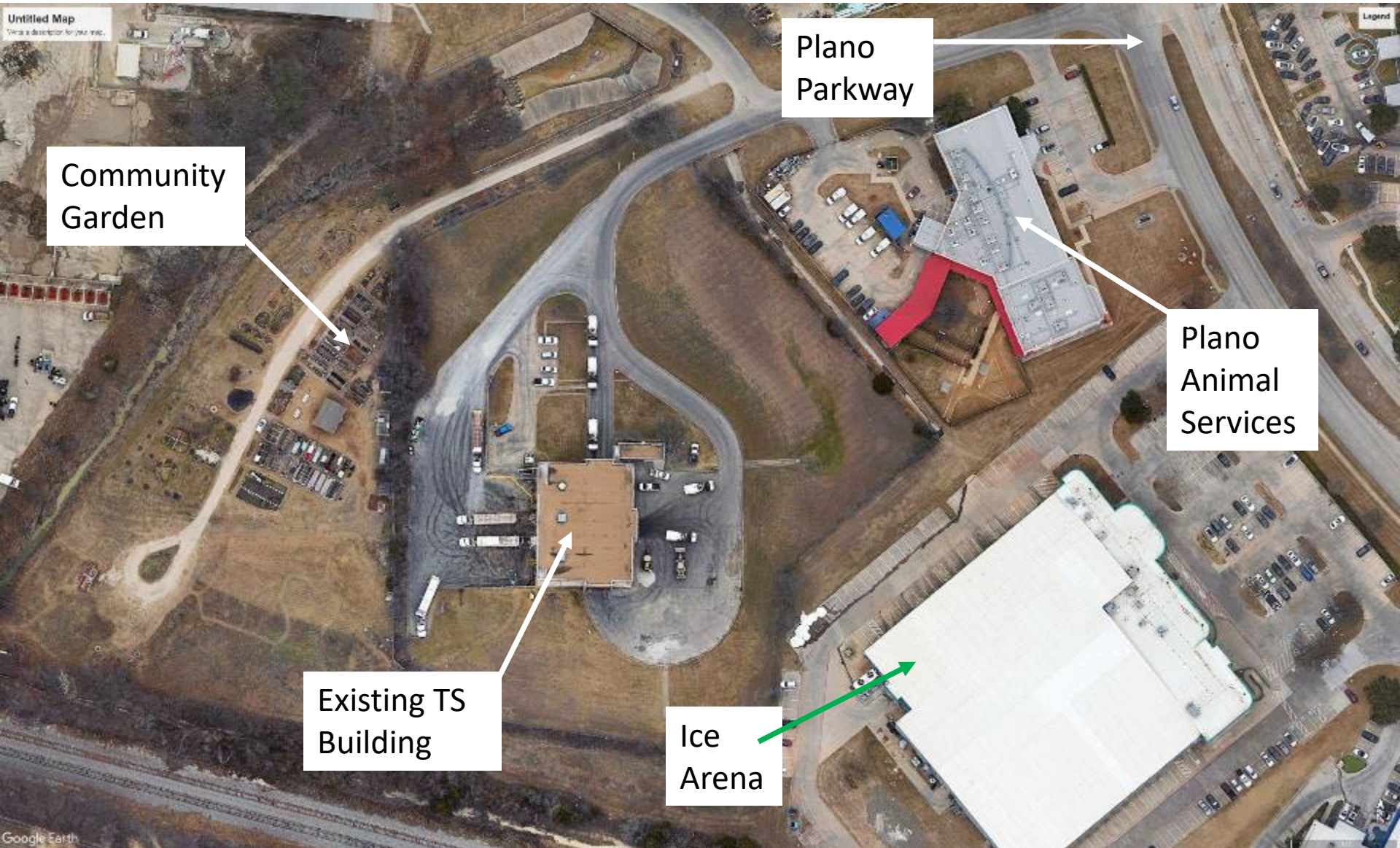


## EXISTING CONDITION

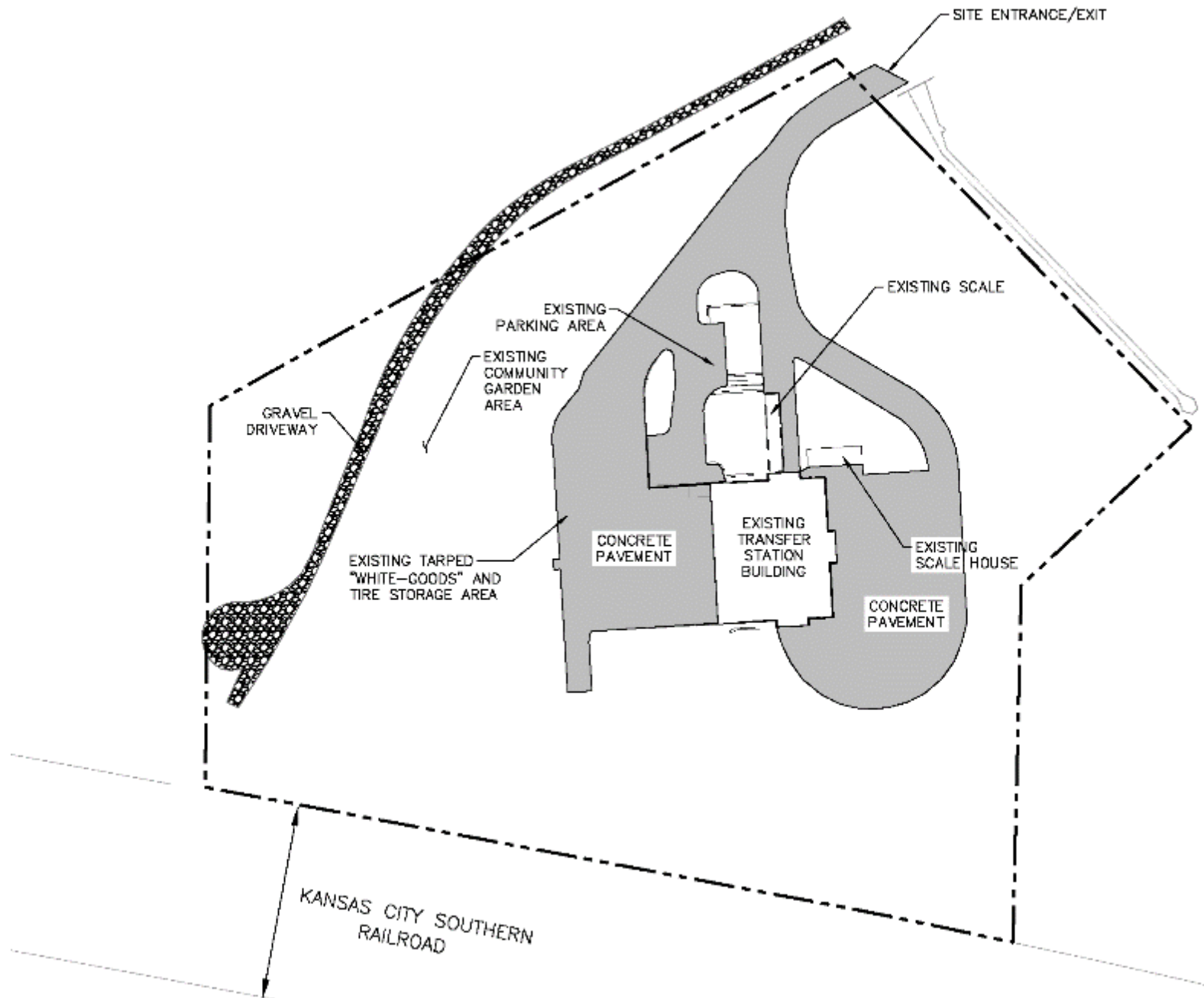
- The existing facility consists of an approximate 10,000 square foot pre-cast concrete tilt wall building (110 feet long by 90 feet wide).
- A metal/white good, and tire drop-off center is located west of the existing TS building.
- Waste is currently transferred into trailers by use of compactor units. Trailers must back into the west side of the building before being loaded.



# AERIAL PHOTO





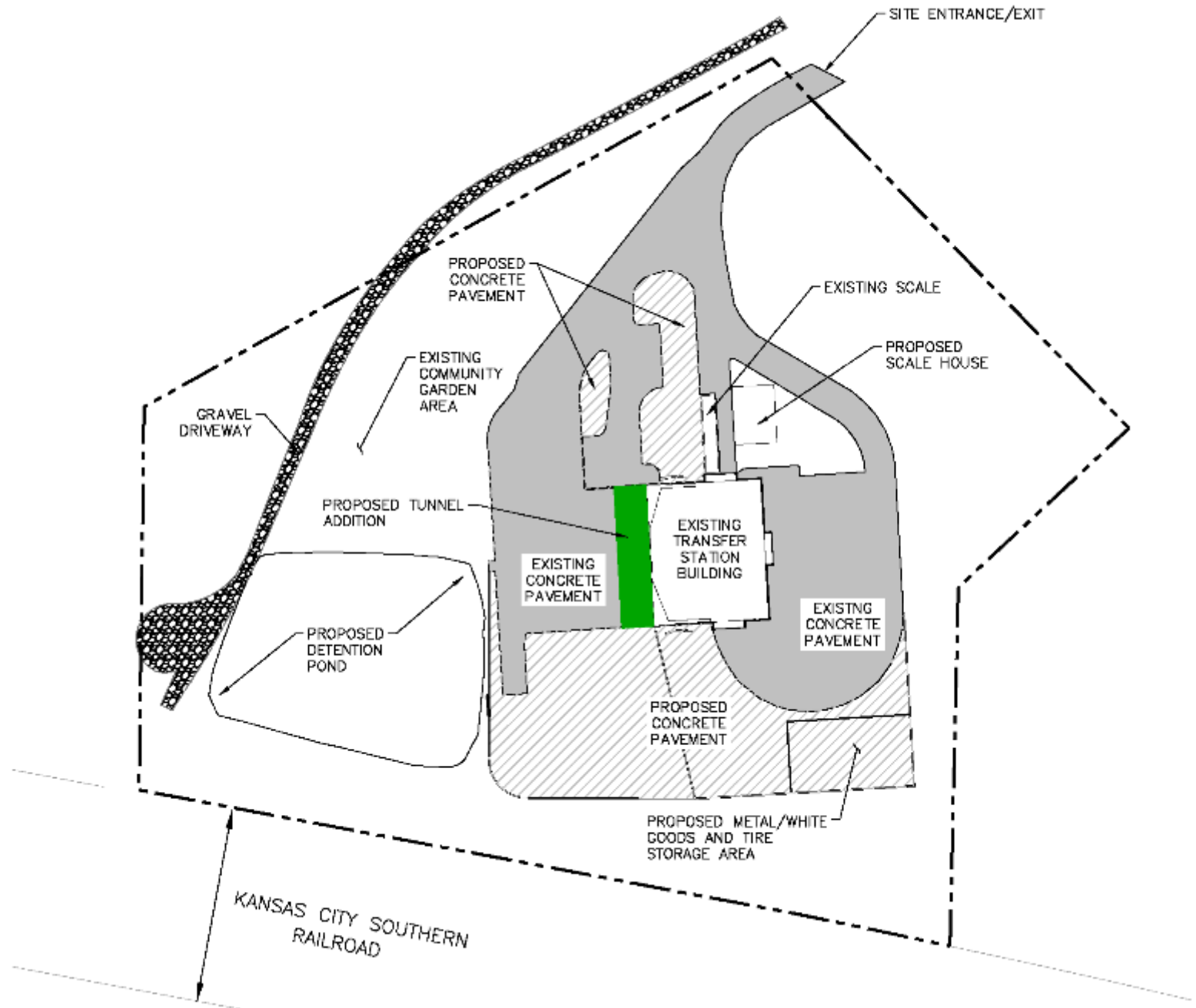


## EXISTING CONDITIONS



## PROPOSED CONDITION

- The proposed improvements will provide enhanced operations and a more efficient means to transfer MSW and recyclable materials that are generated in the NTMWD service area.
- Increase the capacity to transfer up to 1,500 tons/day of MSW
- Addition of a new top-loading tunnel against the west wall of the TS building
- Proposed push walls will aid in storage and maneuvering the MSW.
- Additional parking area
- Addition of a curbed Metal/White Goods and Tire Storage Area
- Proposed stormwater detention pond
- New scale house



## PROPOSED CONDITIONS



## TRAFFIC STUDY

- **Primary access to the site will still be from West Plano Parkway.**
- **The main access roads within one mile of the site are West Plano Parkway, Coit Road, and State Highway 190, also known as President George Bush Turnpike (PGBT).**
- **Area traffic patterns for the existing access roads within one mile of the site will not be significantly impacted due to the proposed improvements to the transfer station.**



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**QUESTIONS ?**



# Action Item

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The Subcommittee will discuss the Type V permit amendment application for the North Texas Municipal Water District Parkway Transfer Station in Plano Texas, and vote whether to recommend to the Resource Conservation Council that the application conforms to the North Central Texas Regional Solid Waste Management Plan.

# Next Steps

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The Resource Conservation Council will vote on the Subcommittee's recommendation regarding the North Texas Municipal Water District's Parkway Transfer Station at its meeting on February 14, 2023.

A letter stating the RCC's final conformance determination will be submitted to the TCEQ, and a copy will be sent to the applicant.

## Contact

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## Connect



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