

# Engineering Study

## Control Device: Speed Limit Signs CR 278

Roadway / Intersection: County Road 278

Location / Extent: North of McKinney, 200 feet west of Parkdale Dr, extending to 905 feet east of Parkdale Dr (see exhibit "A")

Existing Speed Limit: 45 MPH

Existing Traffic Control: None

Traffic Counts: None taken

Roadway Width/ Surface Type: 35-feet (2-Lane Concrete)

Adjoining Land Development: Residential

Roadway Design Speed: None

Visibility Along the Roadway: Good

Accident History: No speed related accidents reported to Public Works

Radar Speed Survey Result No study was performed as the speed zone is being established primarily for a new school which is under construction.

Other Factors: None

Recommendation: A 30 MPH speed limit is recommended except on "school days" between the hours of 7:00-8:00 a.m. and 3:00-4:00 p.m. when a 20 MPH speed limit will be in effect.

Date: July 8, 2021

Engineer: Mark Hines, P.E.



*Mark F. Hines*  
*7/8/21*

EXHIBIT "A"

City Limits

Proposed School Zone

CR 278

Proposed School Zone

Willow Wood Elementary School

PARKDALE DR

TELEPHONE RD

## Willow Wood Elementary School School Zones



0 150 300 Feet

1 in = 296 ft



Source: City of McKinney GIS  
Date: 6/28/2021

DISCLAIMER: This map and information contained in it were developed exclusively for use by the City of McKinney. Any use or reliance on this map by anyone else is at that party's risk and without liability to the City of McKinney, its officials or employees for any discrepancies, errors, or variances which may exist.



**Engineering Study**  
**Control Device: No Parking Signs CR 952**

**Roadway:** County Road 952

**Location / Extent:** South of Princeton (see Exhibit "A")

**Existing Traffic Control:** Speed Limit 30 MPH

**Roadway Width/ Surface Type:** CR 952 – 24-feet (2-Lane Asphalt)

**Adjoining Land Development:** Pasture/Residential

**Visibility Along the Roadway:** Good

**Accident History:** None have been reported to Public Works Department

**Other Factors:** The residents in the area of Tickey Creek Park have requested No Parking Signs along the road.

**Recommendation:** It is recommended that No Parking Signs be placed along County Road 952.

**Date:** July 8, 2021

**Engineer:** Mark Hines, P.E.





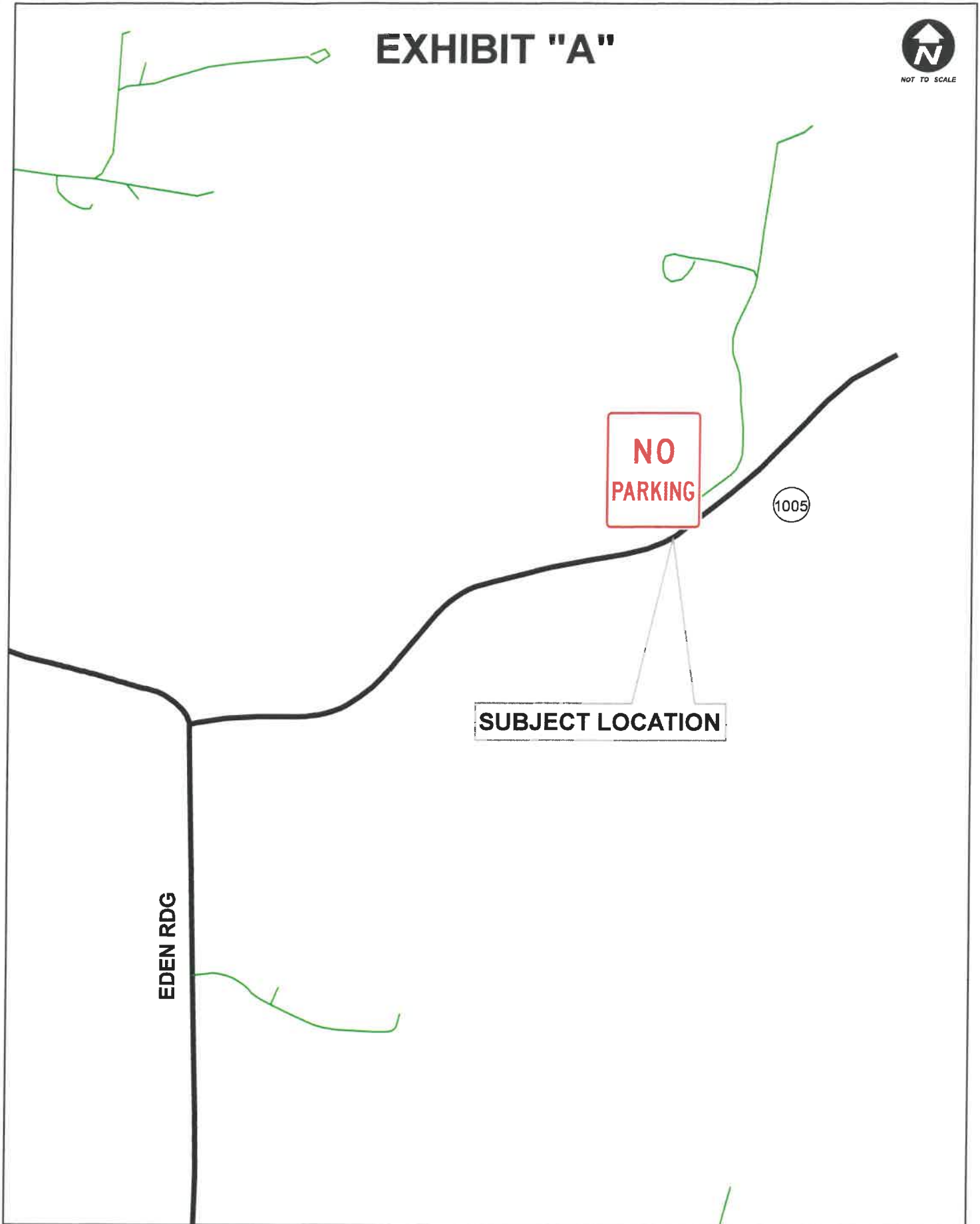
**Engineering Study**  
**Control Device: No Parking Signs CR 1005**

<b><u>Roadway:</u></b>	County Road 1005 cul-de-sac
<b><u>Location / Extent:</u></b>	East of Celina (see Exhibit "A")
<b><u>Existing Traffic Control:</u></b>	None
<b><u>Roadway Width/ Surface Type:</u></b>	CR 1005 – 21-feet (2-Lane Asphalt)
<b><u>Adjoining Land Development:</u></b>	Pasture/Residential/Agricultural
<b><u>Visibility Along the Roadway:</u></b>	Good
<b><u>Accident History:</u></b>	None have been reported to Public Works Department
<b><u>Other Factors:</u></b>	The resident that donated the cul-de-sac right of way easement has requested No Parking Signs on the cul-de-sac.
<b><u>Recommendation:</u></b>	It is recommended that No Parking Signs be placed at the cul-de-sac on CR 1005.
<b><u>Date:</u></b>	June 14, 2021
<b><u>Engineer:</u></b>	Mark Hines, P.E.



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6/15/21

# EXHIBIT "A"



LOCATION MAP CR 1005



# **Engineering Study**

## **Control Device: Stop Sign CR 1083**

**Roadway / Intersection:** Intersection of CR 1083 (east) and CR 951 (west) with CR 952 (north and south)

**Location / Extent:** South of Princeton in Snavelly Acres (see exhibit "A")

**Existing Traffic Control:** Stop Sign on CR 951 at its intersection with CR 952

**Roadway Width/ Surface Type:** CR 1083 – 22-feet (2-Lane Asphalt)  
CR 952 North of intersection – 24-feet (2-Lane Asphalt)  
CR 952 South of intersection – 24-feet (2-Lane Asphalt)  
CR 951 West of intersection – 22-feet (2-Lane Asphalt)

**Adjoining Land Development:** Residential

**Visibility:** Good

**Accident History:** None have been reported to Public Works Department

**Traffic Counts:** CR 1083 – 95 Cars per Day  
CR 952 North of the intersection – 402 Cars per Day  
CR 952 South of the intersection – 431 Cars per Day  
CR 951 West of intersection – 32 Cars per Day

**Application for Stop Sign:** A Stop sign is warranted by Section 2B.04, P2, Article B of the 2011 Texas Manual on Uniform Traffic Control Devices.

**Other Factors:** None

**Recommendation:** It is recommended that a Stop Sign be placed on CR 1083 at its intersection with CR 952 and CR 951.

**Date:** July 13, 2021

**Engineer:** Mark Hines, P.E.



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7/19/21

# EXHIBIT "A"

FM 3364



SUBJECT LOCATION

COUNTY ROAD 951



COUNTY ROAD 1083

COUNTY ROAD 952



## LOCATION MAP CR 1083