

Infrastructure Inventory Memo

Spruce Street San Marcos Texas 78666

TO	Guadalupe County Engineering Department
FROM	Jessy Valentin Urban and Regional Planning Student Texas State
DATE	9/10/2026
SUBJECT	Community Infrastructure Roads and Drainage

Purpose and Findings

Purpose. Visual Inspection of storm water infrastructure, drainage and road repairs. Documenting the existing conditions prior to upcoming scheduled repair.

Study area. Study area is focused on Spruce Street and the local community center Centro Esperanza along with its driveway update.

-Site Inspection was done on **September 4th, 2026**. Rancho Vista is in Guadalupe County and part of the San Marcos ETJ.

Key Findings

- Spruce Street is important to the community as there is a community center called Centro Esperanza near the entrance of spruce street.
- Visible damage to road infrastructure, surface failure such as cracking, potholes, narrow and tight shoulders.
- Electric lines are overhead with minimal street lighting.
- Storm drains areas had a lot of brush and overgrowth maintenance needed to ensure proper water flow in the case of flooding.
- Accessibility is limited and safety is a concern.

Infrastructure

SYSTEM	Observation	CONDITION OR NEEDING REVIEW
Transportation	Spruce Street Local Road, Connecting to Access Road Redwood Road.	Cracking, Patched Areas, Surfacing Potholes, no sidewalk cross walks, not easily accessible
Roads	There are 7 roads along redwood road Ash, Aspen, Cypress, Fir Poplar, Pine and Spruce (observation area)	Condition of the roads have mixed variety mostly needing repair cracked surfaces potholes bumpy and uneven lanes. Narrow in existing areas
Utilities	Electrical, Telecom, and Water, no obvious markers	Electric Provider is Bluebonnet electrical corporation. Infrastructure updated needed on existing poles as they are leaning and or needing repair, minimal lighting, no fire hydrant in the area.
Stormwater	Roadside ditches include 4 drain concrete poured storm drain paths parallel to Redwood Road underneath entrance of Spruce Street.	Debris and overgrowth in storm drain paths
Community Center	Centro Ezperanza Right of way notices and stakes marking grade locations.	Community center provides services such as food distributions two steel framed canopy structures, Small onsite office

Observed Transportation and Stormwater Conditions

Transportation Infrastructure

Spruce Street was used as the main study area; the main access road is Redwood Road. The Road is critical to the community as there is minimal public transportation to where they rely on cars, sidewalks are not present making it not easily walkable by the public, pedestrian crossings nonexistent, bike paths are also nonexistent.

The conditions of the roads had visible damage cracking, surfacing potholes, minimal to tight shoulders.



Figure 1. Map Representing The Different Study Areas.



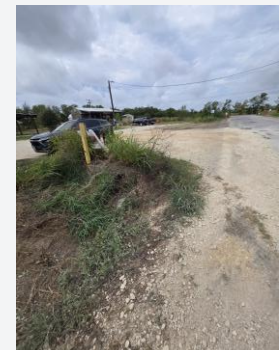
Figure 2. Right Side Storm Drain Path Recently Installed .



Figure 3. Left Side Storm Drain



Centro Esperanza Recently
Installed Driveway Storm Drain
Right Side



Centro Esperanza Storm Drain
Brush
Storm Drain Outlet Overgrown
Left Side

Figure 4. Centro Reference Community Center Narrow Entrance
(Cyan Labeled)

Road Updates and Existing Conditions



Figure 5 “Road Construcion
Move All Vehicles From
County Right Of Way” Notice
to the community



Figure 6 Notice to Residents
“No Parking” With Posted
Dates 8/31/26 Until Completed



Figure 7 Spruce Street Existing
Road Condtiion



Figure 8 Spruce Street
Surfacing Pothole



Figure 9 Spruce Street Existing
Road Conditions Cracked
Marked 3+90



Figure 10
Survey Stake Marked
18 04+010

Figures 7-10 Road Conditions Map Legend Area Marked Spruce Street
Road Study Area.

Assessment Priorities and Conclusion

Most Important Infrastructure

The roadway is the most important system observed in this case, mostly all residents rely on car mode of transportation. It is important to continue to make improvements where needed this will also allow for emergency vehicle access and improving future public transport.

Recommended Actions

1. Repair Roads- Continue to improve the roads as scheduled. Follow up inspections and maintenance.
2. Lighting- Review the lighting and visibility in the area for overall pedestrian safety.
3. Improve safety and accessibility- For pedestrian safety is important to include warning signs, crosswalks, and waiting areas for k-12 students waiting for this bus.
4. Storm Drain Maintenance Upkeep and Maintenance on the storm drain areas remove heavy debris and shrub. Monitor during heavy rains to ensure system is working correctly.
5. Coordinate future infrastructure projects and proper communication with surrounding areas and members such as the City of San Marcos and Redwood Vista WSC to ensure the community has access to the necessary needs and support. Inform the public about upcoming works

Community Conclusion

The community is invested in its community with Centro Esperanza serving as its community hub for food distributions and community events. Members of the community have also organized Redwood Vista WSC to get a centralized wastewater system working with members like WFX, EPA, Rifeline, and CAWAG.

I believe the city and council have not taken this community into full consideration due to the members having to advocate for themselves.