



Centennial Park

# WEEKLY REPORT

MARCH 5, 2021

TO: MAYOR FLETCHER AND COUNCIL MEMBERS  
FROM: BRYAN LANGLEY, CITY MANAGER

THE CITY OF  
**BURLESON**  
TEXAS

# Weekly Report | March 5, 2021

## I. Council Schedule

### Meetings

**Friday, March 5:** City Council Special Session, City Hall Council Chambers. 141 W. Renfro St., 5 p.m. The meeting will be conducted in the council chambers and is also available via live stream, <https://www.burlesontx.com/watchlive>

**Monday, March 15:** City Council Special Session, City Hall Council Chambers. 141 W. Renfro St., 3:30 p.m.  
City Council Meeting, City Hall Council Chambers. 141 W. Renfro St., 5 p.m. The meeting will be conducted in the council chambers and is also available via live stream, <https://www.burlesontx.com/watchlive>

### Work Session Items/Report & Discussion Items

#### March 15

- Receive a report, hold a discussion, and give staff direction regarding the proposed Chisholm Summit Master Planned Community. (Staff Presenter: Alex Philips, Economic Development Director)
- Receive a report, hold a discussion, and give staff direction regarding City Council Policy #38 - Code of Conduct Policy. (Staff Presenter: Cara White, TOASE Attorney)

## II. General Information and Status Updates

### A. SH 174 / Hillery St. Intersection Evaluation

Mayor Fletcher requested that staff evaluate the intersection of SH 174 and Hillery Street for possible safety improvements. Staff contracted with Kimley-Horn Associates to evaluate the intersection. Their report is attached on page 6.

The intersection is currently signalized and the speed limit along SH 174 is posted at 45 mph. On SH 174 in the northbound direction, the current lane markings include a dedicated left-turn lane, three through lanes, and a dedicated right-turn lane. In the southbound direction, the lane markings include a dedicated left-turn lane, two through lanes, and a dedicated right turn lane. Hillery has a shared thru/left-turn and a dedicated right-turn lane in both directions.

When looking at traffic volumes on SH 174, the southbound left-turn movement is relatively low during the AM peak. This is not surprising as we would expect most people would be going toward Fort Worth in the morning on their way to work. However, the southbound left-turn movement in the PM peak is relatively high, using approximately 84% of its available capacity. This means that the (flashing yellow) left-turn phase is important to accommodate the left-turn volume.

The crash data obtained from TxDOT's Crash Records Information System (CRIS) shows that 22 of 45 crashes in the intersection since 2017 are related to left-turn

movements. As a result, the attached report recommends consideration of a safety countermeasure such as converting the flashing yellow arrow to a protected left-turn only with a green arrow. However, due to the high volume of traffic on SH 174 and resulting traffic congestion, such a change must be evaluated considering its effect on the traffic movement of the entire corridor.

The study recommends the implementation of a protected left-turn-only signal along SH 174 with consideration of corridor signal timing. TxDOT is currently working on updating the signal timing of the corridor. Staff will work with TxDOT staff to implement the recommended change at this intersection while minimizing the negative effects of thru traffic on SH 174. The changes should be implemented along with the signal timing update this spring.

**B. Cartegraph Data Security Protocols**

Staff reached out to Cartegraph regarding the questions about their data security that arose during the last council meeting. Cartegraph uses Amazon’s AWS Cloud services. AWS is one of only two cloud service providers that are approved for use by the Texas Department of Public Safety and the FBI to store Criminal Justice Information Services (CJIS) data. AWS has multiple data centers throughout the United States and a network architected to protect our information, identities, applications, and devices. With AWS, staff can improve our ability to meet core security and compliance requirements, such as data locality, protection, and confidentiality. All data flowing across the AWS global network that interconnects their datacenters and regions is automatically encrypted at the physical layer before it leaves their secured facilities. Additionally, the city’s VPN will provide additional protection for the city’s network. The VPN is an encrypted tunnel from our firewall to the internet that disguises our IP addresses. It allows the city to encrypt the data we send across the internet and then un-encrypts the data once it has passed back through our firewall and resides on our network. This provides that any information exchanged with Cartegraph will be encrypted during transit.

**C. Old Town Quiet Zones Update**

City staff responded to reports of train horns occasionally sounding in the Old Town Area. An inspection of our newly-completed quiet zone crossing improvements was conducted to ensure compliance. No deficiencies were noted. Union Pacific Railroad(UPRR) was contacted to determine if the railroad had specific concerns causing the operator to sound the horn. The formal response has not yet been received. However, the railroad asked for specific times and dates of when this occurred. Records indicated that horns were blown near the lunch hour and evening hours at a time of high pedestrian activity. At this time, it is believed that the train operator may have sounded the horn in an abundance of caution to warn pedestrians in or near the crossing locations. Any deficiencies further identified by UPRR will be addressed if any are found.

Per the city’s agreement with UPRR, a “Quiet Zone” is a rail line segment where the locomotive horn is not routinely sounded at a public highway-rail grade crossing. A locomotive engineer may sound the locomotive horn to provide a warning in an

emergency if the engineer judges it as appropriate action and in situations where the locomotive engineer deems it necessary for the safety of the public and/or the train.

#### **D. Hidden Creek Golf Course Update**

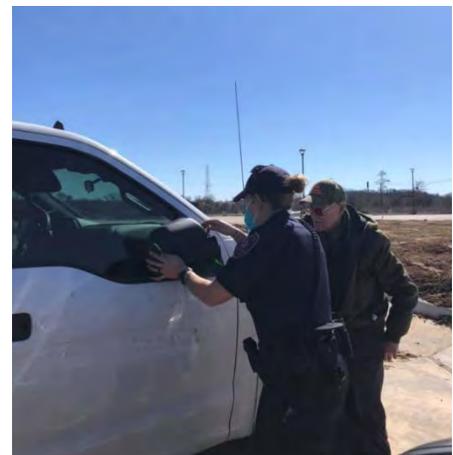
The golf course team, along with assistance from IT, Public Works, and the city's TML liaison, Synergy, reopened the course on Wednesday, March 3. They hosted a 115-player high school tournament the first day back open. Tee times for the public are now open and being booked. The estimated renovation is scheduled to take approximately 120 days. Below are pictures of the temporary modular buildings the golf course is using during the club house repairs. A report from Synergy (the firm handling the club house repairs on behalf of TML) can be found on page 10. The report provides details and pictures of the repair work that has been conducted this week.



#### **E. Feel Good Friday**

We love hearing stories like this about our team going above and beyond.

“Today on my way to H E B I noticed the older gentleman pulled over in a turning lane near the new shopping center on hidden creek. I turned around to make sure he was okay and didn't need help and I noticed officer Evan's sitting in her squad car as I pulled up (she was calling for a traffic officer). I got out and asked the gentleman if he was okay and he said he was trying to fix his broken mirror and he thought he had it with the very thin string he had. I ran to Walmart and got a few things I thought would help him fix it and went to return to bring him the items and as I pulled back up officer Evans was out there helping him tie the mirror up to hold it into place till



he was able to get it repaired. I gave them the zip ties I bought and she was able to get the mirror to stay in place and the gentleman was so grateful. They both thanked each other for their services and we all went on our way. The man thanked me many times but like I told him we have to take care of our elders. Remember kindness is free!”

### III. Upcoming Road Construction/Closures

<b>UPCOMING ROAD CONSTRUCTION / CLOSURES</b>			
<b>Projects &amp; Limits</b>	<b>Current Status</b>	<b>Traffic Affected</b>	<b>Estimated Completion</b>
Turkey Peak Ground Storage Tank Construction & Brushy Mound Tank Demolition at existing City Facilities	General Contractor is at the both Turkey Peak and Brushy Mound Sites.	Intermittent construction traffic to and from both sites. Anticipated Routes include: NW Renfro, SW Brushy Mound Rd, SW Alsbury Blvd, NW Summercrest Blvd, Nicole Dr & NW Jayellen Ave.	Fall 2021
Traffic Signal at Hidden Vistas / Hidden Creek Parkway Intersection	All concrete work complete. Awaiting delivery of signal hardware. Anticipated delivery date mid-March.	Work will involve intermittent lane closure of the east & west-bound outside lane near the intersection when signal equipment is installed next month.	April 2021
Fire Station #16	Work on building on-going	None anticipated	
Elk Drive Pedestrian Mobility	Work underway. Pedestrian bridge under construction.	No lane closures scheduled	May 2021
Irene/Gardens Safe Routes to School	Construction underway	Outside lanes of Gardens, Irene & Johnson Ave will be closed in areas of construction. Closures to move with construction progress	November 2021

### IV. Events

- **Dogs and Donuts**  
March 6, 9:30 – 11 a.m. at Bailey Lake Park
- **Vaccine Registration Drive-Thru Event**  
March 6, 1 – 4 p.m. Mayor Vera Calvin Plaza

### V. Attachments

- SH 174 / Hillery Intersection Analysis.....page 6
- Visit Burleson Tourism Grant Applications due March 22.....page 10
- Synergy report: Golf clubhouse repairs.....page 12

## MEMORANDUM

To: Paul Mitchell, P.E.  
Assistant Director  
Public Works Capital Division  
City of Burleson, Texas

From: Jeff Whitacre, P.E., AICP, PTP  
Kimley-Horn and Associates, Inc.  
TBPE Registered Firm Number F-928

Date: March 2, 2021

Subject: Analysis of the Intersection of SH 174 and Hillery Street  
Burleson, Texas



---

## INTRODUCTION

The City of Burleson has retained Kimley-Horn to perform an analysis of the SH 174 & Hillery Street intersection. In particular, the City wanted to analyze the existing traffic operations to determine the need to improve overall conditions due to a recent southbound U-turn crash.

## EXISTING CONDITIONS

The intersection of SH 174 & Hillery Street is located just west of IH-35. SH 174 is considered the major street of the intersection and generally runs in the north/south direction, while minor street, Hillery Street, generally runs east/west. The intersection is currently signalized and the speed limit along SH 174 is posted at 45 mph.

In the northbound direction, the lane markings include a dedicated left-turn lane, three through lanes, and a dedicated right-turn lane. In the southbound direction, the lane markings include a dedicated left-turn lane, two through lanes, and a dedicated right-turn lane. In both the eastbound and westbound directions, the lane markings include a shared thru/left-turn lane and a dedicated right-turn lane from the frontage roads.

An aerial of this location is presented below.

SH 174 & Hillery Street

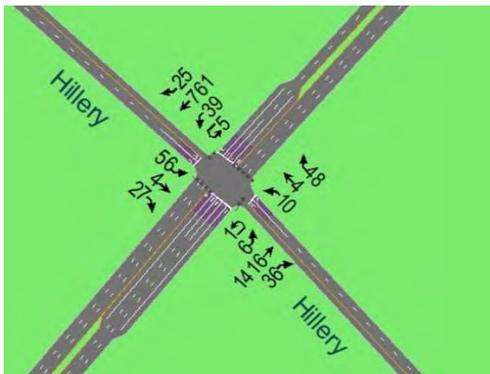


**TRAFFIC ANALYSIS**

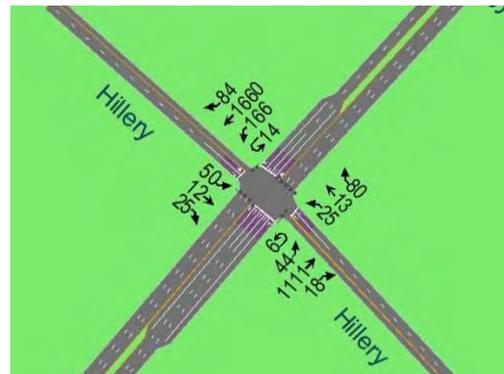
**Existing Traffic Volumes**

Existing AM and PM peak hour turning movement counts were collected in 2016. Existing traffic volumes are presented below.

AM Peak



PM Peak



The southbound left-turn is relatively low during the AM peak (39) but relatively high during the PM peak (166). The southbound left-turn is the critical movement because it has the highest volume to capacity ratio at the intersection. The southbound left-turn utilizes approximately 84% of the turning movement capacity meaning the permitted (flashing yellow) phase of signal is important to accommodate the turning volume and only 32 more vehicles could be accommodated in an hour. There are 5 and 14 U-turns in the AM and PM peak periods, respectively.

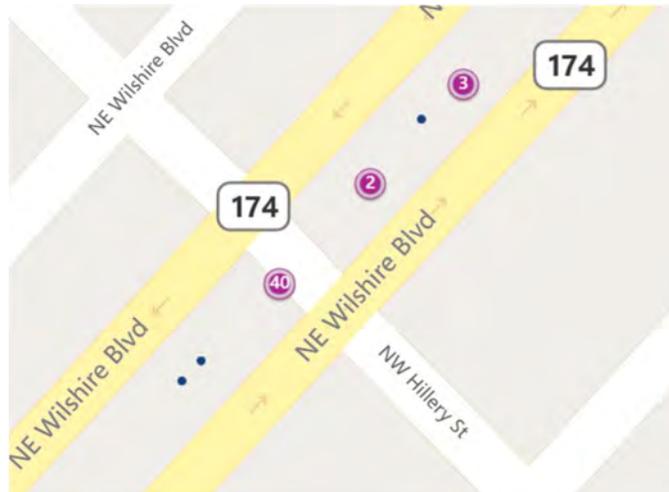
**Speed Limit**

The speed limit is 45 mph, but given the proximity of IH-35 and field observations, the actual traveling speed is likely higher.

**Crash History**

To observe crash history, crash data was obtained from TxDOT’s Crash Records Information System (CRIS). There have been approximately 45 crashes since 2017 at the intersection, as presented below. Further evaluation showed that 16 of these crashes were southbound left turns and 6 were northbound left-turns. Since 22 crashes were related to left-turns it is recommended to consider a safety countermeasure such as converting the flashing yellow arrow to a protected left-turn only with a green arrow.

SH 174 & Hillery Street Crash Data



**Sight Distance**

Based on visual observation there appears to be enough sight distance, given vehicles are traveling the speed limits. There are two situations where sight distance could be problematic:

1. The left-turns opposite of each other can limit drivers view. Creating a positive offset could assist in resolving the visibility issue. This was particularly most problematic during the PM when traveling northbound because the southbound left-turn queue was the longest.
2. If the speeds in both direction are excessively fast and the drivers take a slower U-turn movement considered should be given to prohibiting U-turns or changing the the flashing yellow arrow to a protected left-turn only with a green arrow.

### **Signal Timing**

The northbound left-turn off of SH 174 and the eastbound left-turn off of Hillery would not be affected by the change in phasing from the existing flashing yellow arrow to a protected left-turn only with a green arrow. The southbound left-turn needs more green time under current conditions, and if modified to protected only, would need additional time. This allotment of time would impact the timing provided to the major phases along SH 174. The impacts of the protected left-turn only phases should be incorporated into the NCTCOG's current timing project.

### **Recommendation**

We recommend the implementation of a protected left-turn only signal along SH 174 at Hillery Street. This installation should occur with the implementation of the new signal timing that is being developed by the NCTCOG.

If you have any questions, please contact me at [jeff.whitacre@kimley-horn.com](mailto:jeff.whitacre@kimley-horn.com) or by phone at 817-339-2254.

March 5, 2021

### **Visit Burleson Tourism Grant**

*The City of Burleson is calling for proposals for tourism-related projects that are specifically designed to attract overnight visitors to the area.*

The City of Burleson is calling for proposals for tourism-related projects that are specifically designed to attract overnight visitors to the area. The city will provide grants from the Hotel/Motel Occupancy Tax revenue generated within the Burleson city limits.

The city's use of funds collected through the Hotel/Motel Occupancy Tax is governed by Chapter 351 of the Texas Tax Code. The fund's primary purpose is intended to benefit the convention and hotel industries through the promotion of tourism to the city.

Last year the city granted money to support: The Heritage Foundation for the Visitor's Information Center and Museum, historical preservation of the rail cars, advertising of Old Town Burleson, Oktoberfest, Old Town Porch Festival, Cinco de Mayo celebration, and numerous other events funded by the Visit Burleson sponsorship.

The city accepts applications from organizations seeking funds to be used in the development and promotion of tourism-related activities that are designed to promote tourism and attract overnight visitors in the City of Burleson. A selection committee, comprised of senior city staff and local hoteliers, will make a recommendation to City Council for approval.

The deadline for application is March 22, 2021, at 5 p.m.

The complete grant timeline is as follows:

- March 5 – Announce the HOT/MOT Process via press release
- March 22 – HOT/MOT Applications Due
- March 23 – Staff reviews for compliance/completeness and gives comments to the applicant
- March 25 – Applicant to respond with any corrections
- March 25 – Review Committee to agree on projects/amounts to recommend
- March 26 – Applicant notified if committee intends to recommend project for award
- May 3 – Recommendation to City Council for HOT/MOT 2021-2022 Awards

Applications may be accepted electronically. A downloadable PDF version is available at [www.burlesontx.com/VisitBurlesonGrant](http://www.burlesontx.com/VisitBurlesonGrant)

Questions and inquires can be sent to: [jvannoy@burlesontx.com](mailto:jvannoy@burlesontx.com)

Hand-delivered applications will be accepted during regular business hours at Burleson City Hall, 141 W. Renfro St., Burleson, TX 76028.

DeAnna Phillips  
Marketing & Communications Director  
[dphillips@burlesontx.com](mailto:dphillips@burlesontx.com)

**PR138226 Burleson Project Report**

**Date: 3/4/2021**

**General Information**

Related Account: TX-3511 - Burleson  
 Related Claim: PR138226: Burleson: Freeze Damage to Pipes  
 Project Name: Burleson: Damage to Clubhouse (ID 043)  
 Project Address: 700 S Burleson Blvd, Burleson, TX, 76028  
 Report Date: 3/4/2021  
 Report Time: 7:07 PM

**Project Details**

General Location/Site: Clubhouse  
 Specific Location/Room: Clubhouse  
 Project Type: Insurance Claim

**Report Details**

Company/Subcontractor: Synergy NDS, Inc.  
 Project Manager/Specialist: Cody Austin  
 Phone Number: 817-946-3141  
 Email: hcca383@yahoo.com

Recommendation(s):  
 Project Notes: Today Apex Roofing Inc was able to complete the repair on the busted irrigation line and appears to be in good working order. Texas State Modular completed the install of the west ramp, and also fixed a set of unstable stairs on the north modular building. Belfor has been conducting demolition in the clubhouse and continued to move items to the city service center. During demolition, moisture was discovered in the north pro shop wall. The roll off dumpster is almost full and TX Dumpsters has been contacted.

**Next Action Details**

Next Action: Belfor will continue demolition to the clubhouse.  
 Action Assigned To: Belfor  
 Action Due Date: 3/5/2021

**Report Photos**



Fixed irrigation line.



Ramp that was added to the west.



Stairs that were fixed on the north modular building.



Belfor conducting demolition.



Belfor leaving site clean after demo.



Moisture in the pro shop walls.



Dumpster is filling up.