

# Engineering Study

## Control Device: Speed Limit Signs CR 136

Roadway / Intersection: County Road 136 from CR 135 north to CR 138

Location / Extent: Northeast of Celina (see exhibit "A")

Existing Speed Limit: None

Existing Traffic Control: None

Traffic Counts: 21 Cars per day

Roadway Width/ Surface Type: 21-feet (2-Lane Asphalt)

Adjoining Land Development: Pasture/Agricultural/Residential

Roadway Design Speed: None

Visibility Along the Roadway: Good

Accident History: No speed related accidents reported to Public Works

Radar Speed Survey Result Unable to obtain due to limited traffic at the time of the survey

Other Factors: CR 136 has recently been upgraded to asphalt and the traffic is expected to increase.

Recommendation: A 40 M.P.H. Speed Limit is recommended along the entire road.

Date: February 24, 2017

Engineer: Tracy Homfeld, P.E.



# EXHIBIT "A"



178

138

SUBJECT LOCATION

136

SPEED  
LIMIT  
**40**

135

135



## LOCATION MAP CR 136

# Engineering Study

## Control Device: Stop Sign CR 136

Roadway / Intersection: Intersection of CR 136 (north) with CR 135 (east and west)

Location / Extent: Northeast of Celina (see exhibit "A")

Existing Traffic Control: None

Roadway Width/ Surface Type: CR 136 – 21-feet (2-Lane Asphalt)  
CR 135 East of intersection – 20-feet (2-Lane Asphalt)  
CR 135 West of intersection – 20-feet (2-Lane Asphalt)

Adjoining Land Development: Pasture/Residential

Visibility: Good

Accident History: None have been reported to Public Works Department

Traffic Counts: CR 136 – 21 Cars per Day  
CR 135 East of the intersection – 221 Cars per Day  
CR 135 West of the intersection – 218 Cars per Day

Application for Stop Sign: A Stop sign is warranted by Section 2B.04, P3, Article A 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 136 at the intersection of CR 135, giving the right-of-way to the east-west traffic on CR 135.

Date: March 1, 2017

Engineer: Tracy Homfeld, PE



*Tracy Homfeld, PE*  
*4/24/17*

# EXHIBIT "A"



COUNTY ROAD 136

SUBJECT LOCATION



COUNTY ROAD 135

DOWNING DR



LOCATION MAP CR 136



# Engineering Study

## Control Device: Stop Sign CR 136

Roadway / Intersection: Intersection of CR 136 (south) with CR 138 (east and west)

Location / Extent: Northeast of Celina (see exhibit "A")

Existing Traffic Control: None

Roadway Width/ Surface Type: CR 136 – 21-feet (2-Lane Asphalt)  
CR 138 East of intersection – 22-feet (2-Lane Asphalt)  
CR 138 West of intersection – 22-feet (2-Lane Asphalt)

Adjoining Land Development: Pasture/Residential

Visibility: Good

Accident History: None have been reported to Public Works Department

Traffic Counts: CR 136 – 18 Cars per Day  
CR 138 East of the intersection – 139 Cars per Day  
CR 138 West of the intersection – 145 Cars per Day

Application for Stop Sign: A Stop sign is warranted by Section 2B.04, P3, Article A of the 2011 Texas Manual on Uniform Traffic Control Devices.

Other Factors: None

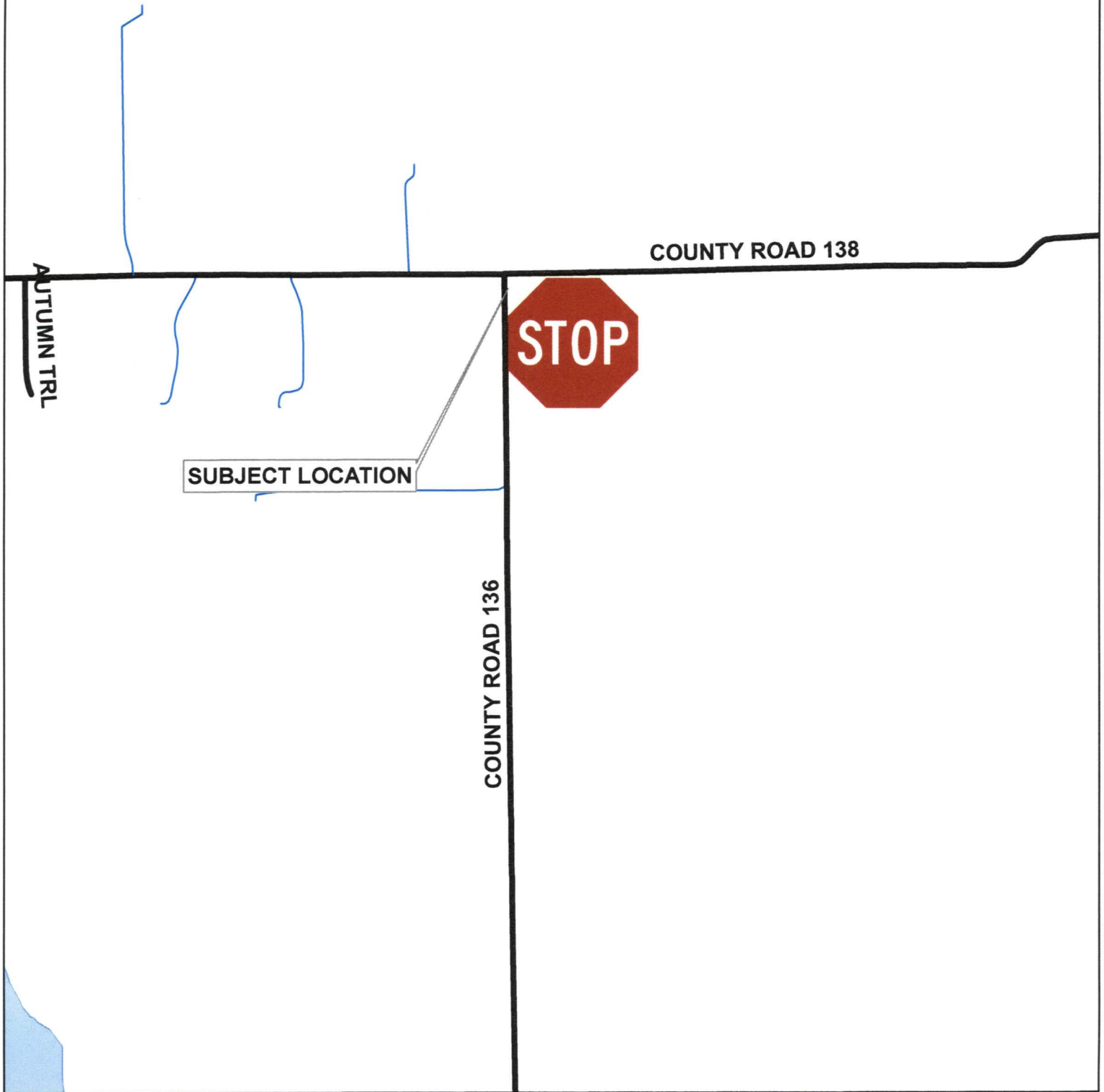
Recommendation: It is recommended that a Stop Sign be placed on CR 136 at its intersection with CR 138, giving the right-of-way to the east-west traffic on CR 138.

Date: March 1, 2017

Engineer: Tracy Homfeld, PE



# EXHIBIT "A"



LOCATION MAP CR 136

# Engineering Study

## Control Device: Speed Limit Signs CR 330

<u>Roadway / Intersection:</u>	County Road 330 from E University Dr to E University Dr
<u>Location / Extent:</u>	South of New Hope (see exhibit "A")
<u>Existing Speed Limit:</u>	None
<u>Existing Traffic Control:</u>	Stop Signs at the intersections with E University Dr
<u>Traffic Counts:</u>	490 Cars per day
<u>Roadway Width/ Surface Type:</u>	22-feet (2-Lane Asphalt)
<u>Adjoining Land Development:</u>	Residential
<u>Roadway Design Speed:</u>	None
<u>Visibility Along the Roadway:</u>	Some visibility restrictions due to curved road and trees
<u>Accident History:</u>	No speed related accidents reported to Public Works
<u>Radar Speed Survey Result</u>	85 <sup>th</sup> percentile was 42 MPH
<u>Other Factors:</u>	There are many driveways along CR 330.
<u>Recommendation:</u>	A 35 M.P.H. Speed Limit is recommended along the entire road.
<u>Date:</u>	April 28, 2017
<u>Engineer:</u>	Tracy Homfeld, P.E.





# EXHIBIT "A"



FISHER RD

FM 1827

NEW HOPE

EZ ST

STICKHORSE LN

COUNTY ROAD 330

SPEED  
LIMIT  
35

COUNTY ROAD 1084

E UNIVERSITY DR

E UNIVERSITY DR

SUBJECT LOCATION

MCKINNEY

PRIVATE ROAD 5446



LOCATION MAP CR 330



# Engineering Study

## Control Device: Stop Sign CR 400

Roadway / Intersection: Intersection of CR 400 (east) with Simpson Rd (north) and Myrick Ln (west)

Location / Extent: East of Lowry Crossing (see exhibit "A")

Existing Traffic Control: Speed Limit 40 MPH on CR 400  
Stop Sign on Myrick Ln at CR 400 and Simpson  
Stop Sign on Simpson Rd at CR 400 and Myrick Ln

Roadway Width/ Surface Type: CR 400 – 22-feet (2-Lane Asphalt)  
Simpson Rd North of intersection – 22-feet (2-Lane Asphalt)  
Myrick Ln West of intersection – 24-feet (2-Lane Asphalt)

Adjoining Land Development: Pasture/Residential

Visibility: Good

Accident History: None have been reported to Public Works Department

Traffic Counts: CR 400 – 307 Cars per Day  
Simpson Rd North of the intersection – 258 Cars per Day  
Myrick Ln West of the intersection – 255 Cars per Day

Application for Stop Sign: A Stop sign is warranted by Section 2B.04, P2, Article A & D 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 400 at its intersection with Simpson Rd and Myrick Ln.

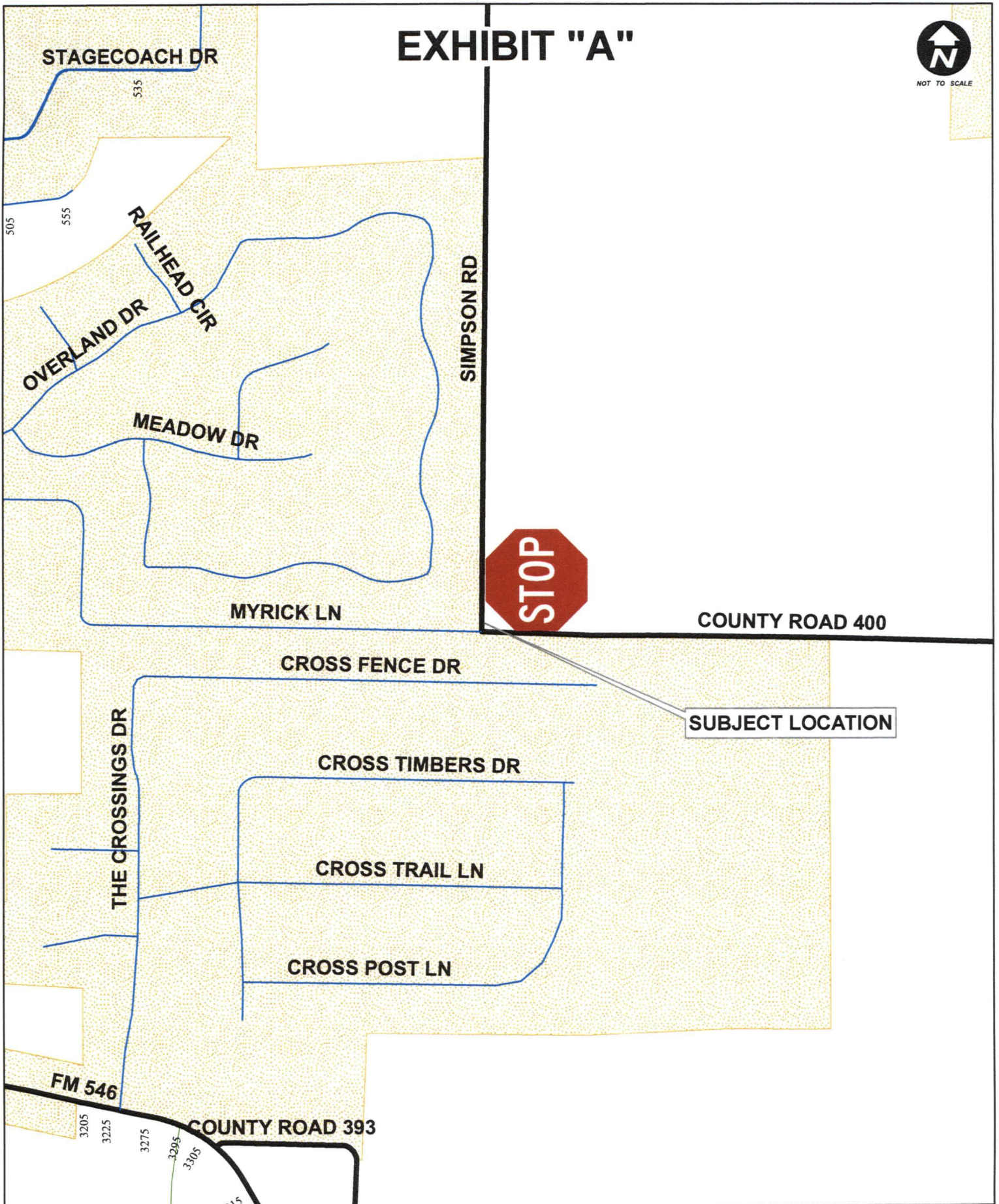
Date: March 27, 2017

Engineer: Tracy Homfeld, PE





# EXHIBIT "A"



## LOCATION MAP CR 400

# Engineering Study

## Control Device: Stop Sign CR 427

Roadway / Intersection: Intersection of CR 427 (south) with CR 427 (east and west)

Location / Extent: Northeast of Anna (see exhibit "A")

Existing Traffic Control: CR 427 Speed Limit 40 MPH  
Stop Sign at the intersection with FM 2862

Roadway Width/ Surface Type: CR 427 – 20-feet (2-Lane Asphalt)  
CR 427 East of intersection – 20-feet (2-Lane Asphalt)  
CR 427 West of intersection – 20-feet (2-Lane Asphalt)

Adjoining Land Development: Pasture/Residential

Visibility: Trees block visibility to the west of intersection

Accident History: None have been reported to Public Works Department

Traffic Counts: CR 427 – 49 Cars per Day  
CR 427 East of the intersection – 348 Cars per Day  
CR 427 West of the intersection – 356 Cars per Day

Application for Stop Sign: A Stop sign is warranted by Section 2B.04, P3, Article A 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 427 at its intersection with CR 427, giving the right-of-way to the east-west traffic on CR 427.

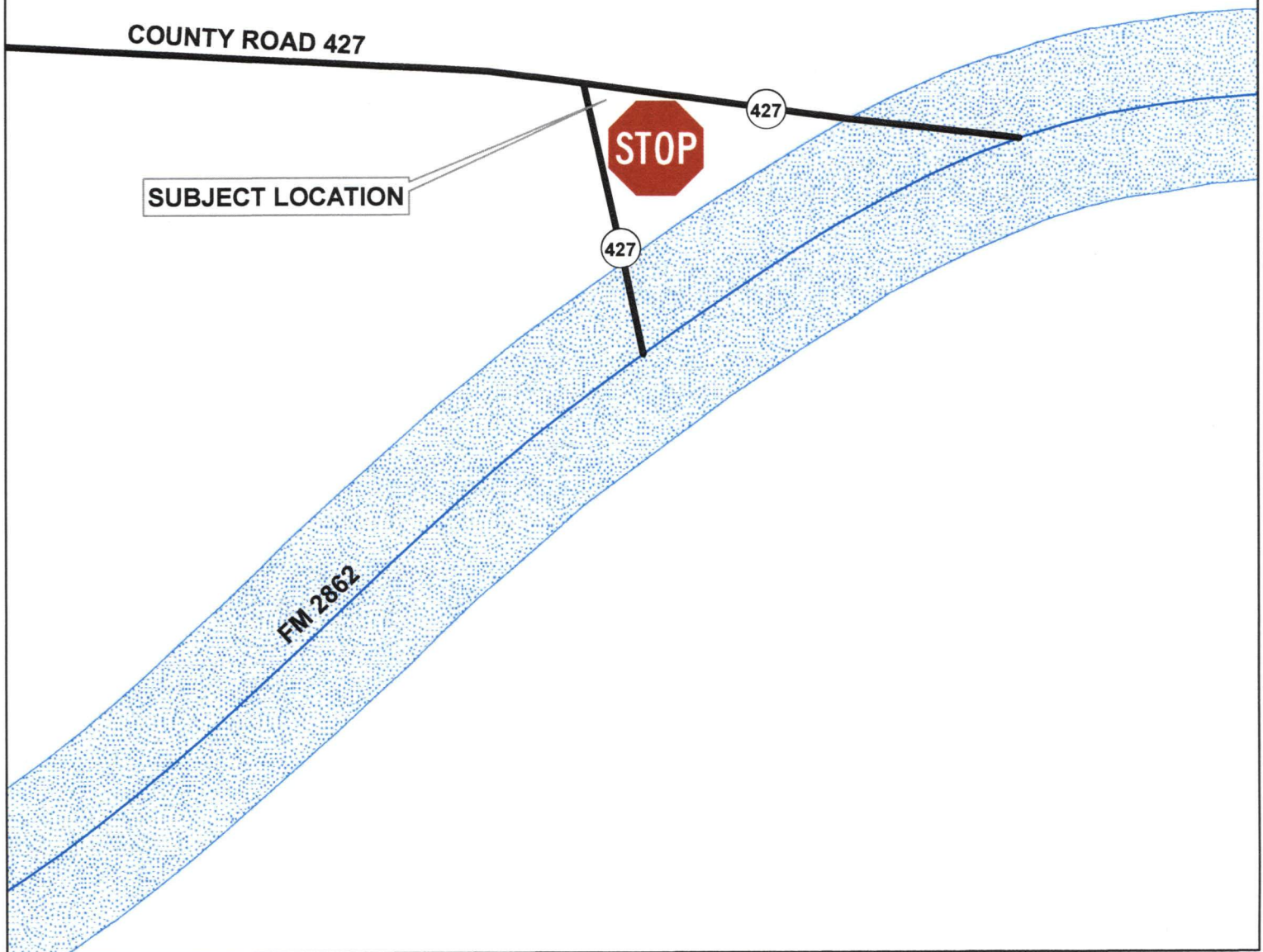
Date: March 6, 2017

Engineer: Tracy Homfeld, PE





# EXHIBIT "A"



LOCATION MAP CR 427

# Engineering Study

## Control Device: Stop Sign CR 566

Roadway / Intersection: Intersection of CR 566 (west) with CR 602 (north and south)

Location / Extent: South of Farmersville (see exhibit "A")

Existing Traffic Control: Speed Limit 40 MPH on CR 566

Roadway Width/ Surface Type: CR 566 – 22-feet (2-Lane Asphalt)  
CR 602 North of intersection – 22-feet (2-Lane Asphalt)  
CR 602 South of intersection – 22-feet (2-Lane Asphalt)

Adjoining Land Development: Pasture/Residential

Visibility: Visibility restrictions to the south of intersection due to a curve and trees.

Accident History: None have been reported to Public Works Department

Traffic Counts: CR 566 – 75 Cars per Day  
CR 602 North of the intersection – 64 Cars per Day  
CR 602 South of the intersection – 97 Cars per Day

Application for Stop Sign: A Stop sign is warranted by Section 2B.04, P2, Article B & D 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 566 at its intersection with CR 602, giving the right-of-way to the north-south traffic on CR 602.

Date: March 24, 2017

Engineer: Tracy Homfeld, PE



*Tracy Homfeld, PE*  
4/28/17

# EXHIBIT "A"



COUNTY ROAD 602

COUNTY ROAD 566

SUBJECT LOCATION



LOCATION MAP CR 566



# Engineering Study

## Control Device: Stop Sign CR 599

Roadway / Intersection: Intersection of CR 599 (south) with CR 566 (east and west)

Location / Extent: South of Farmersville (see exhibit "A")

Existing Traffic Control: Speed Limit 40 MPH on CR 599  
Stop Sign at the intersection with FM 1778

Roadway Width/ Surface Type: CR 599 – 24-feet (2-Lane Asphalt)  
CR 566 East of intersection – 22-feet (2-Lane Asphalt)  
CR 566 West of intersection – 22-feet (2-Lane Asphalt)

Adjoining Land Development: Pasture/Residential

Visibility: Good

Accident History: None have been reported to Public Works Department

Traffic Counts: CR 599 – 184 Cars per Day  
CR 566 East of the intersection – 196 Cars per Day  
CR 566 West of the intersection – 120 Cars per Day

Application for Stop Sign: A Stop sign is warranted by Section 2B.04, P2, Article B & D 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 599 at its intersection with CR 566, giving the right-of-way to the east-west traffic on CR 566.

Date: March 24, 2017

Engineer: Tracy Homfeld, PE



# EXHIBIT "A"



COUNTY ROAD 601

SUBJECT LOCATION

COUNTY ROAD 566



COUNTY ROAD 599



LOCATION MAP CR 599

# Engineering Study

## Control Device: Stop Sign CR 646

Roadway / Intersection:

Intersection of CR 646 (east) with CR 645 (north and south)

Location / Extent:

South of Farmersville (see exhibit "A")

Existing Traffic Control:

Speed Limit 40 MPH on CR 646  
Stop Sign at the intersection with FM 547

Roadway Width/ Surface Type:

CR 646 – 24-feet (2-Lane Asphalt)  
CR 645 North of intersection – 24-feet (2-Lane Asphalt)  
CR 645 South of intersection – 24-feet (2-Lane Asphalt)

Adjoining Land Development:

Pasture/Residential

Visibility:

Visibility restrictions to the south of intersection due to a large hill.

Accident History:

None have been reported to Public Works Department

Traffic Counts:

CR 646 – 138 Cars per Day  
CR 645 North of the intersection – 180 Cars per Day  
CR 645 South of the intersection – 184 Cars per Day

Application for Stop Sign:

A Stop sign is warranted by Section 2B.04, P2, Article D 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 646 at its intersection with CR 645, giving the right-of-way to the north-south traffic on CR 645.

Date:

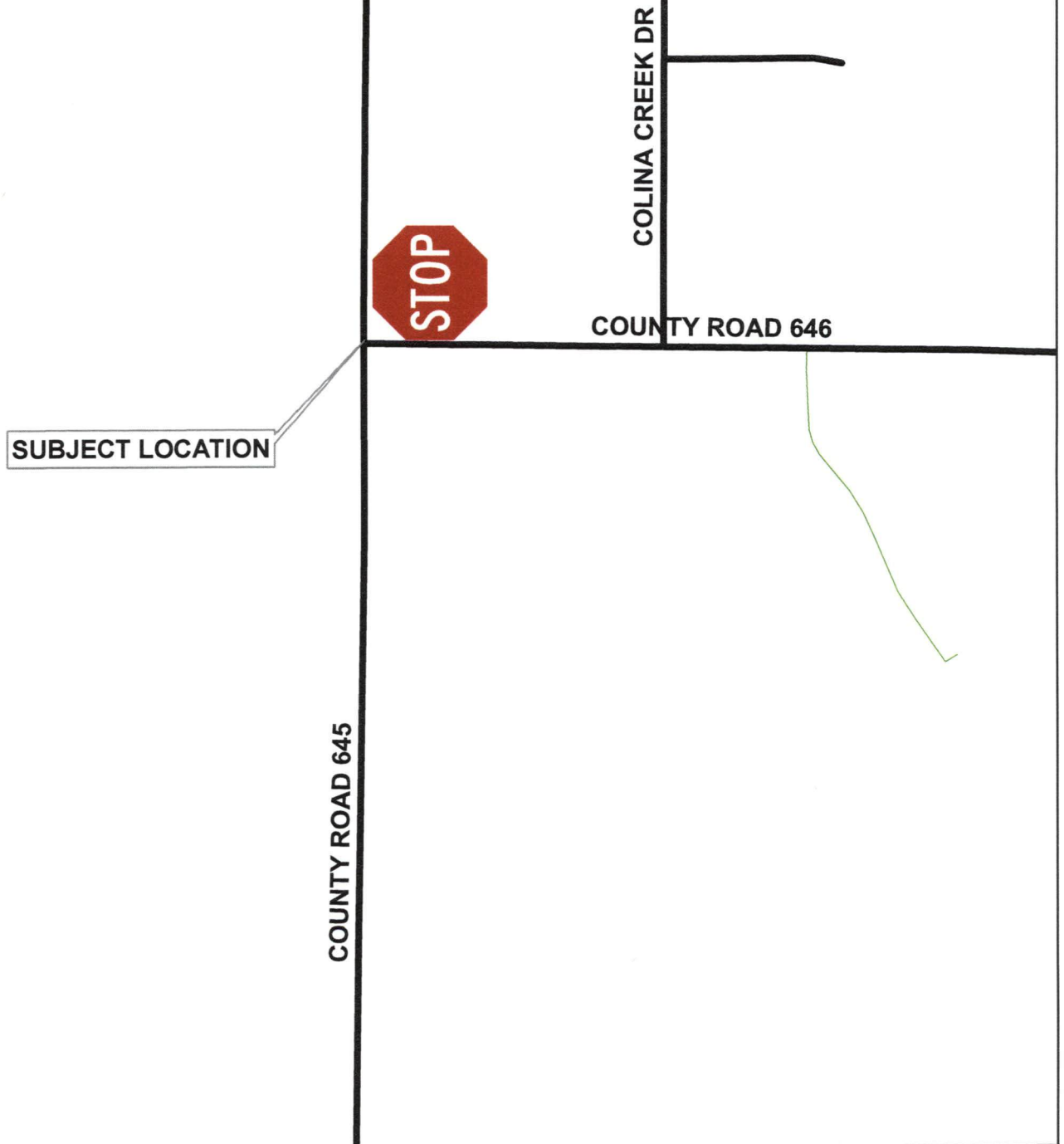
March 15, 2017

Engineer:

Tracy Homfeld, PE



# EXHIBIT "A"



## LOCATION MAP CR 646

# Engineering Study

## Control Device: Speed Limit Signs CR 667

<u>Roadway / Intersection:</u>	County Road 667 from CR 825 north to FM 981
<u>Location / Extent:</u>	East of Blue Ridge (see exhibit "A")
<u>Existing Speed Limit:</u>	None
<u>Existing Traffic Control:</u>	Stop Sign at the intersection with FM 981
<u>Traffic Counts:</u>	55 Cars per day
<u>Roadway Width/ Surface Type:</u>	21-feet (2-Lane Asphalt)
<u>Adjoining Land Development:</u>	Pasture/Residential
<u>Roadway Design Speed:</u>	None
<u>Visibility Along the Roadway:</u>	Various hills and curves along the road
<u>Accident History:</u>	No speed related accidents reported to Public Works
<u>Radar Speed Survey Result</u>	Unable to obtain due to limited traffic at the time of the survey
<u>Other Factors:</u>	CR 667 has recently been upgraded to asphalt and the traffic is expected to increase.
<u>Recommendation:</u>	A 40 M.P.H. Speed Limit is recommended along the entire road.
<u>Date:</u>	March 2, 2017
<u>Engineer:</u>	Tracy Homfeld, P.E.



*Tracy Homfeld, P.E.*  
*5/3/17*



# EXHIBIT "A"



COUNTY ROAD 671

COUNTY ROAD 670

FM 981

SPEED  
LIMIT  
40

SUBJECT LOCATION

COUNTY ROAD 667

COUNTY ROAD 825

COUNTY ROAD 1216



## LOCATION MAP CR 667

# Engineering Study

## Control Device: Stop Sign CR 667

Roadway / Intersection: Intersection of CR 667 (south) with CR 825 (east and west)

Location / Extent: East of Blue Ridge (see exhibit "A")

Existing Traffic Control: Stop Sign at intersection with FM 981

Roadway Width/ Surface Type: CR 667 – 21-feet (2-Lane Asphalt)  
CR 825 East of intersection – 24-feet (2-Lane Asphalt)  
CR 825 West of intersection – 24-feet (2-Lane Asphalt)

Adjoining Land Development: Pasture/Residential

Visibility: Good

Accident History: None have been reported to Public Works Department

Traffic Counts: CR 667 – 55 Cars per Day  
CR 825 East of the intersection – 163 Cars per Day  
CR 825 West of the intersection – 196 Cars per Day

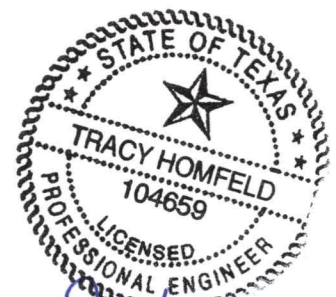
Application for Stop Sign: A Stop sign is warranted by Section 2B.04, P3, Article A of the 2011 Texas Manual on Uniform Traffic Control Devices.

Other Factors: None

Recommendation: It is recommended that a Stop Sign be placed on CR 667 at its intersection with CR 825, giving the right-of-way to the east-west traffic on CR 825.

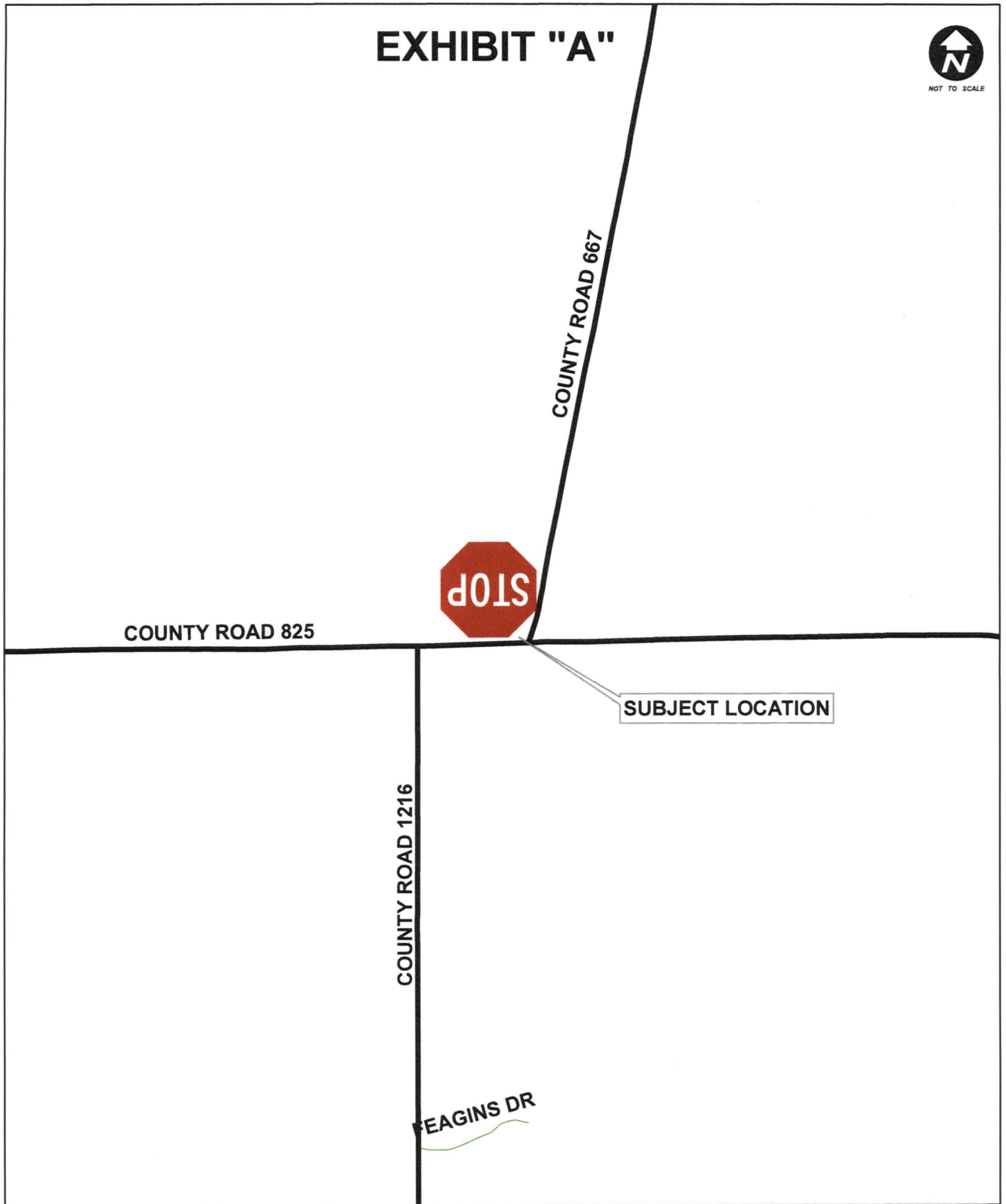
Date: March 2, 2017

Engineer: Tracy Homfeld, PE



*Tracy Homfeld, PE*  
*4/28/17*

# EXHIBIT "A"



## LOCATION MAP CR 667

# Engineering Study

## Control Device: Stop Sign CR 671

Roadway / Intersection: Intersection of CR 671 (south) with CR 580 (east and west)

Location / Extent: Northeast of Blue Ridge (see exhibit "A")

Existing Traffic Control: CR 671 Speed Limit 40 MPH

Roadway Width/ Surface Type: CR 671 – 22-feet (2-Lane Asphalt)  
CR 580 East of intersection – 20-feet (Rock)  
CR 580 West of intersection – 22-feet (2-Lane Asphalt)

Adjoining Land Development: Pasture/Residential

Visibility: Good

Accident History: None have been reported to Public Works Department

Traffic Counts: CR 671 – 75 Cars per Day  
CR 580 East of the intersection – 65 Cars per Day  
CR 580 West of the intersection – 100 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 671 at its intersection with CR 580, giving the right-of-way to the east-west traffic on CR 580.

Date: March 7, 2017

Engineer: Tracy Homfeld, PE



*Tracy Homfeld, PE*  
4/28/2017

# EXHIBIT "A"



COUNTY ROAD 674

COUNTY ROAD 580

COUNTY ROAD 580

STOP

SUBJECT LOCATION

COUNTY ROAD 671



## LOCATION MAP CR 671



# **Engineering Study**

## **Control Device: Stop Sign CR 1042**

**Roadway / Intersection:** Intersection of CR 1042 (south) with CR 571 (east and west)

**Location / Extent:** South of Blue Ridge (see exhibit "A")

**Existing Traffic Control:** None

**Roadway Width/ Surface Type:** CR 1042 – 22-feet (2-Lane Asphalt)  
CR 571 East of intersection – 22-feet (2-Lane Asphalt)  
CR 571 West of intersection – 22-feet (2-Lane Asphalt)

**Adjoining Land Development:** Pasture/Agricultural/Residential

**Visibility:** Good

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

**Traffic Counts:** CR 1042 – 73 Cars per Day  
CR 571 East of the intersection – 229 Cars per Day  
CR 571 West of the intersection – 198 Cars per Day

**Application for Stop Sign:** A Stop sign is warranted by Section 2B.04, P3, Article A 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 1042 at its intersection with CR 571, giving the right-of-way to the east-west traffic on CR 571.

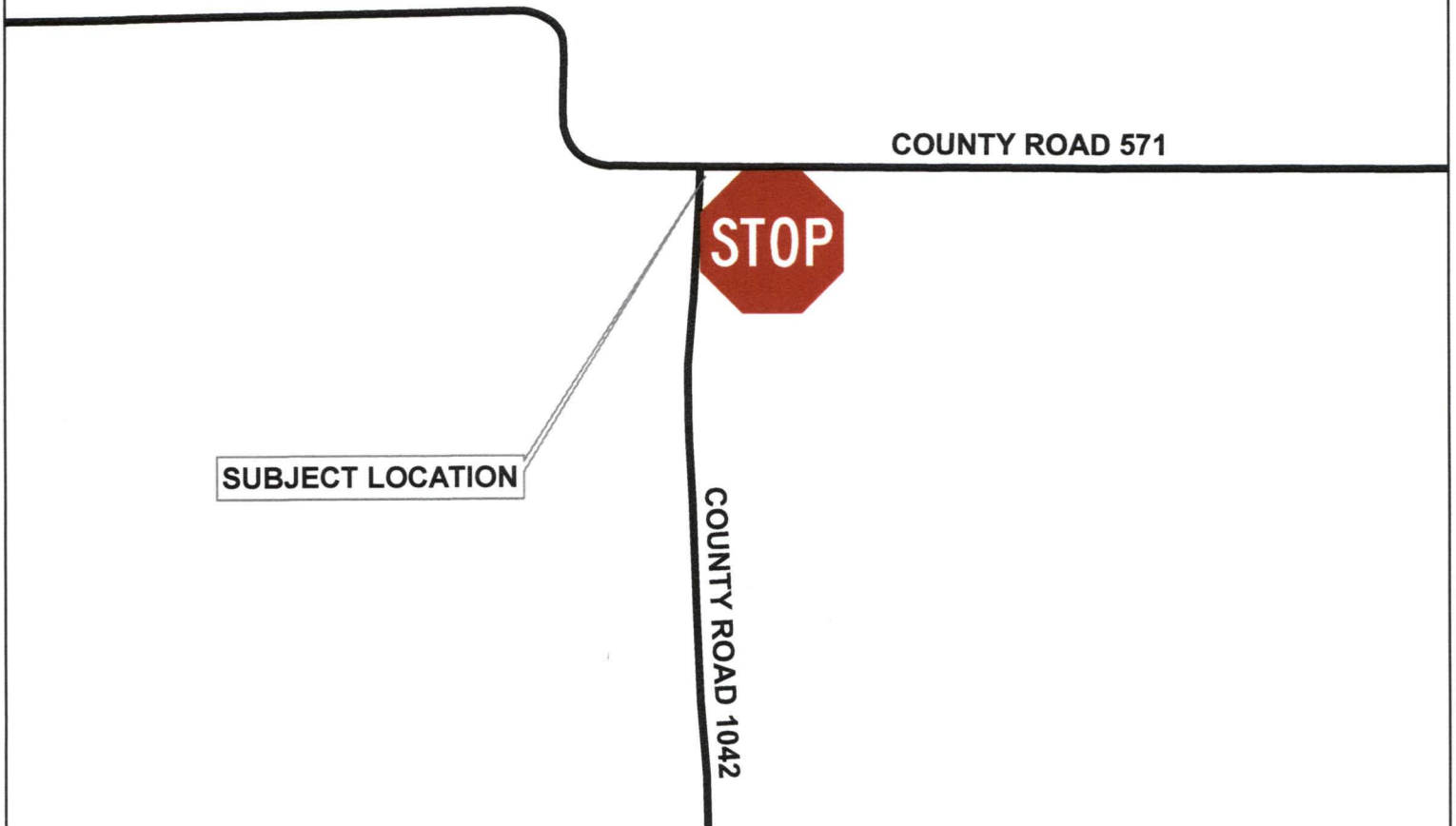
**Date:** March 1, 2017

**Engineer:** Tracy Homfeld, PE



*Tracy Homfeld, PE*  
*4/28/2017*

# EXHIBIT "A"



LOCATION MAP CR 1042

# Engineering Study

## Control Device: Stop Sign in The Hills of Lone Star Phase V

<u>Roadway / Intersection:</u>	Intersection of Gracebridge with North Star Dr
<u>Location / Extent:</u>	North of Weston in The Hills of Lone Star (see exhibit "A")
<u>Existing Traffic Control:</u>	None
<u>Roadway Width/ Surface Type:</u>	25-feet (2-Lane Asphalt)
<u>Adjoining Land Development:</u>	Residential
<u>Visibility:</u>	Good
<u>Accident History:</u>	None have been reported to Public Works Department
<u>Traffic Counts:</u>	None taken for this study as these roads lie within a new residential subdivision.
<u>Warrant for Stop Sign:</u>	A Stop sign is warranted by Section 2B.04, P3, Article A of the 2011 Texas Manual on Uniform Traffic Control Devices.
<u>Other Factors:</u>	None
<u>Recommendation:</u>	It is recommended that a Stop Sign be placed on Bear Branch at its intersection with North Star Dr as shown on the attached "Exhibit A".
<u>Date:</u>	April 28, 2017
<u>Engineer:</u>	Tracy Homfeld, P.E.



## Engineering Study

### Control Device: Speed Limit Sign The Hills of Lone Star Phase V

<u>Roadway:</u>	Gracebridge
<u>Location / Extent:</u>	North of Weston in The Hills of Lone Star (see exhibit "A")
<u>Existing Speed Limit:</u>	20 MPH on Phases I - IV
<u>Existing Traffic Control:</u>	None
<u>Traffic Counts:</u>	None taken as these roads lie within a new residential subdivision.
<u>Roadway Width/ Surface Type:</u>	25-feet (2-Lane Asphalt)
<u>Adjoining Land Development:</u>	Residential
<u>Roadway Design Speed:</u>	No specific data available
<u>Visibility Along the Roadway:</u>	Good
<u>Accident History:</u>	No speed related accidents have been reported to the Public Works Department
<u>Radar Speed Survey Result</u>	None taken as these roads lie within a new residential subdivision
<u>Other Factors:</u>	These roads lie within an "urban district", as defined in Transportation Code, Title 7, sec 541.102. Title 7, sec 545.352 calls for urban district speed limit to be 30 MPH.
<u>Recommendation:</u>	A 30 M.P.H. Speed Limit is recommended
<u>Date:</u>	April 28, 2017
<u>Engineer:</u>	Tracy Homfeld, P.E.





**THE HILLS OF LONE STAR**  
CELINA, TX  
PREPARED FOR  
LONE STAR PARTNERS

CELINA, TX  
PREPARED FOR  
LONE STAR PARTNERS

CELINA, TX  
PREPARED FOR  
LONE STAR PARTNERS

CELINA, TX

SIGNAGE PLAN  
BEAR BRANCHSIGNAGE PLAN  
BEAR BRANCH

KHA PROJECT:	064473900
DATE	JANUARY 2017
SCALE	AS SHOWN
DESIGNED BY:	JEH
DRAWN BY:	KKB
CHECKED BY:	JEH

KHA PROJECT:	064473900
DATE	JANUARY 2017
SCALE	AS SHOWN
DESIGNED BY:	JEH
DRAWN BY:	KKB
CHECKED BY:	JEH

KHA PROJECT:	064473900
DATE	JANUARY 2017
SCALE	AS SHOWN
DESIGNED BY:	JEH
DRAWN BY:	KKB
CHECKED BY:	JEH

KHA PROJECT:	064473900
DATE	JANUARY 2017
SCALE	AS SHOWN
DESIGNED BY:	JEH
DRAWN BY:	KKB
CHECKED BY:	JEH

KHA PROJECT:	064473900
DATE	JANUARY 2017
SCALE	AS SHOWN
DESIGNED BY:	JEH
DRAWN BY:	KKB
CHECKED BY:	JEH

KHA PROJECT:	064473900
DATE	JANUARY 2017
SCALE	AS SHOWN
DESIGNED BY:	JEH
DRAWN BY:	KKB
CHECKED BY:	JEH

Kimley»Horn

106 WEST LOUISIANA STREET, WICKENEE, TX 75089  
PHONE: 409-301-2580  
WWW.KIMLEY-HORN.COM TX F-928

106 WEST LOUISIANA STREET, WICKENEE, TX 75089  
PHONE: 409-301-2580  
WWW.KIMLEY-HORN.COM TX F-928

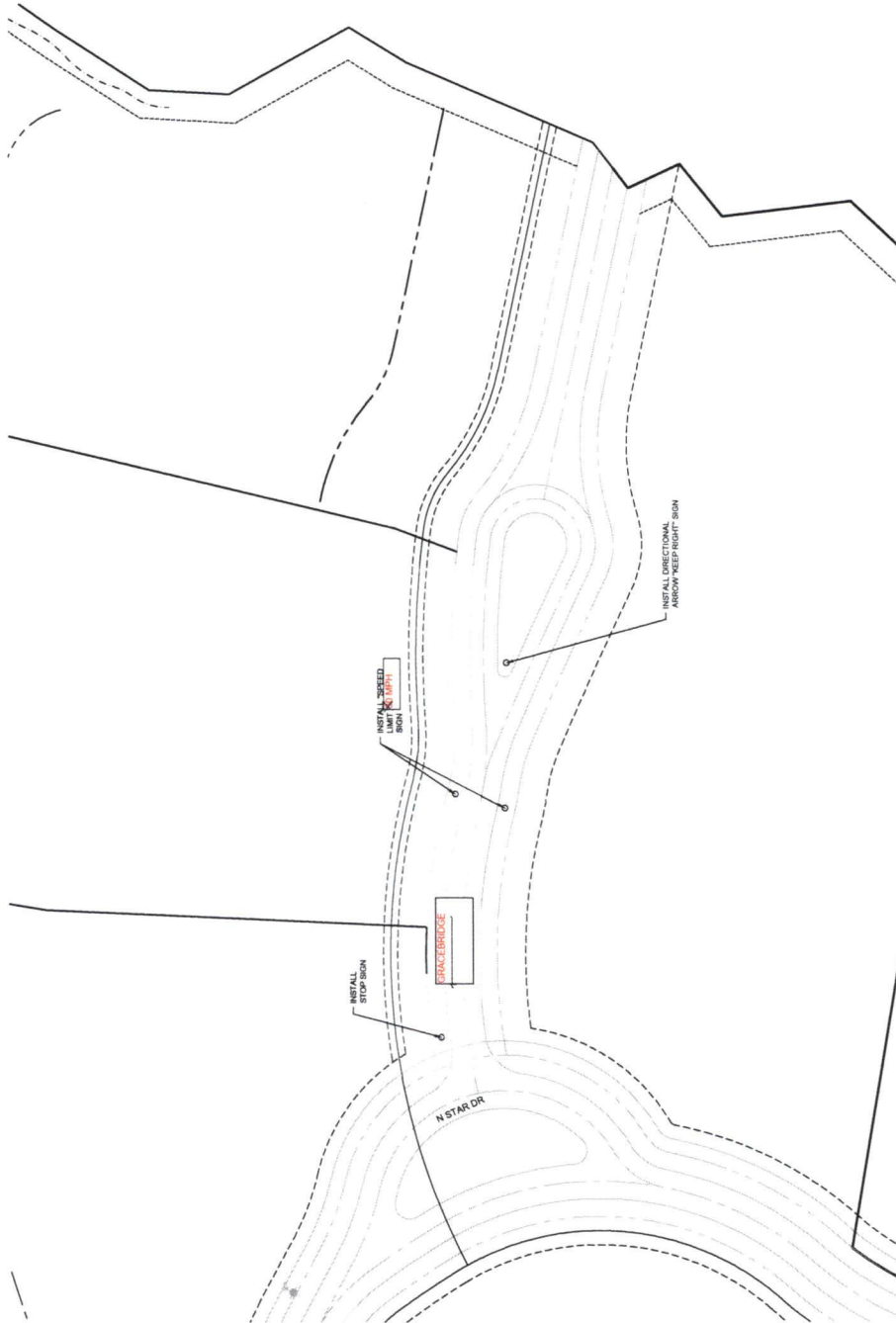
106 WEST LOUISIANA STREET, WICKENEE, TX 75089  
PHONE: 409-301-2580  
WWW.KIMLEY-HORN.COM TX F-928

[illegible][illegible]

GRAPHIC SCALE IN FEET



A horizontal graphic scale bar with markings at 0, 30, 60, and 120 feet. The bar is divided into segments by vertical lines.



N STAR C

• INSTALL ALL DIRECTIONAL  
ARROW "VEED RIGHT" SIGN



**Know what's below.  
Call before you dig.**



**CAUTION!**  
CONTRACTOR IS TO VERIFY  
PRESENCE AND EXACT  
LOCATION OF ALL UTILITIES  
PRIOR TO CONSTRUCTION.

THIS DRAWING HAS BEEN REVISED TO SHOW THOSE CHANGES DURING THE CONSTRUCTION PROCESS REPORTED BY THE CONTRACTOR TO KIMLEY-HORN AND ASSOCIATES, INC. AND CONSIDERED TO BE SIGNIFICANT. THIS DRAWING IS NOT GUARANTEED TO BE "AS BUILT" BUT IS BASED ON THE INFORMATION MADE AVAILABLE.

Signature \_\_\_\_\_

**BENCHMARKS**

BM #1	NORTH EAST CORNER OF THE OUTLET IN EXISTING POND NEAR STATION+90 OF HOLLINS COVE POND.	ELEV = 898.49
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**BENCHMARKS**

BM #1	NORTH EAST CORNER OF THE OUTLET IN EXISTING POND NEAR STATION+90 OF HOLLINS COVE POND.	ELEV = 898.49
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# Engineering Study

## Control Device: Stop Sign in Lone Star Ranch

Roadway / Intersection: Intersection of Broken Spur Trail with Lone Star Rd

Location / Extent: North of Weston in Lone Star Ranch (see exhibit "A")

Existing Traffic Control: None

Roadway Width/ Surface Type: 25-feet (2-Lane Concrete)

Adjoining Land Development: Residential

Visibility: Good

Accident History: None have been reported to Public Works Department

Traffic Counts: None taken for this study as these roads lie within a new residential subdivision.

Warrant for Stop Sign: A Stop sign is warranted by Section 2B.04, P3, Article A of the 2011 Texas Manual on Uniform Traffic Control Devices.

Other Factors: None

Recommendation: It is recommended that a Stop Sign be placed on Broken Spur Trail with Lone Star Rd as shown on the attached "Exhibit A".

Date: April 28, 2017

Engineer: Tracy Homfeld, P.E.



# Engineering Study

## Control Device: Speed Limit Signs Lone Star Ranch

Roadway: Broken Spur Trail

Location / Extent: North of Weston in Lone Star Ranch (see exhibit "A")

Existing Speed Limit: None

Existing Traffic Control: None

Traffic Counts: None taken as these roads lie within a new residential subdivision.

Roadway Width/ Surface Type: 25-feet (2-Lane Concrete)

Adjoining Land Development: Residential

Roadway Design Speed: No specific data available

Visibility Along the Roadway: Good

Accident History: none reported. New Subdivision Road.

Radar Speed Survey Result None taken as these roads lie within a new residential subdivision

Other Factors: These roads lie within an "urban district", as defined in Transportation Code, Title 7, sec 541.102. Title 7, sec 545.352 calls for urban district speed limit to be 30 MPH.

Recommendation: A 30 M.P.H. Speed Limit is recommended

Date: April 27, 2017

Engineer: Tracy Homfeld, P.E.



*Tracy Homfeld, P.E.*  
4-28-17



**BEGINNING**  
MAG NAIL FOUND  
NORTHWEST CORNER  
77.58 ACRE TRACT

30.00' 214.03' 346'

APPROX.

ELECTRIC PROVIDER  
GRAYSON-COLLIN ELE  
PO BOX 548  
VAN ALSTINE, TX 75  
DESK: 903-482-1810

1229.93'

295.37'

1577 ACRE

2

06°10'05"

STOP SIGN AND R

20' MARK

33' 33'

7

MICHAEL L  
PERRY  
VILLAGE 4181  
PAGE 1643

STAR ROAD  
AD 175

24537  
24539

24537  
24539

N N N N

ANNAMARIA JELK  
304.14' 16 1.697 ACRE 299.46' 15 120' MARLE EASTMENT 15

0° 41' 43" N 604.0'

LINE

S 89° 59' 29" W 245.00'

50' BUILDING LINE

0° 41' 42" W

ROAD 173

APPROX.

2015021300016.32:20

MAPUS MEINT. & S.  
VOLUME 4350  
PAGE 2104

289.67

1.668 ACRE

30.6 60

15' SLOPE, DRAINAGE  
& UTILITY EASEMENT

EUGENE D. KONES  
PAMELA R. KNILS  
CLERK'S FILE NO.  
201601900037440

N 86°17'31" W 73'

All lot west ofline alternative type On-Street Storage Facility  
The maximum width of lot shall be equal to or less than the  
maximum street frontage shown under title block.

[illegible][illegible]

LEGEND

○ 1/2" IRON PIN SET UNLESS OTHERWISE NOTED

DE DRAINAGE EASEMENT

This job is approved by the Galien County Commissioner's Court on the \_\_\_\_\_ day of \_\_\_\_\_, 2016.

\_\_\_\_\_  
Keith Hall, County Judge



# Engineering Study

## Control Device: Stop Sign in South Gate, Phase III

Roadway / Intersection: Intersection of South Gate Court with County Road 655

Location / Extent: East of Farmersville in South Gate (see exhibit "A")

Existing Traffic Control: None

Roadway Width/ Surface Type: 25-feet (2-Lane Asphalt)

Adjoining Land Development: Residential

Visibility: Good

Accident History: None have been reported to Public Works Department

Traffic Counts: None taken for this study as these roads lie within a new residential subdivision.

Warrant for Stop Sign: A Stop sign is warranted by Section 2B.04, P3, Article A of the 2011 Texas Manual on Uniform Traffic Control Devices.

Other Factors: None

Recommendation: It is recommended that a Stop Sign be placed on South Gate Court at its intersection with County Road 655 as shown on the attached "Exhibit A".

Date: April 28, 2017

Engineer: Tracy Homfeld, P.E.



# Engineering Study

## Control Device: Speed Limit Signs South Gate, Phase III

<u>Roadway:</u>	South Gate Court
<u>Location / Extent:</u>	East of Farmersville in South Gate (see exhibit "A")
<u>Existing Speed Limit:</u>	None
<u>Existing Traffic Control:</u>	None
<u>Traffic Counts:</u>	None taken as these roads lie within a new residential subdivision.
<u>Roadway Width/ Surface Type:</u>	25-feet (2-Lane Asphalt)
<u>Adjoining Land Development:</u>	Residential
<u>Roadway Design Speed:</u>	No specific data available
<u>Visibility Along the Roadway:</u>	Good
<u>Accident History:</u>	No speed related accidents have been reported to the Public Works Department
<u>Radar Speed Survey Result</u>	None taken as these roads lie within a new residential subdivision
<u>Other Factors:</u>	These roads lie within an "urban district", as defined in Transportation Code, Title 7, sec 541.102. Title 7, sec 545.352 calls for urban district speed limit to be 30 MPH.
<u>Recommendation:</u>	A 30 M.P.H. Speed Limit is recommended
<u>Date:</u>	April 28, 2017
<u>Engineer:</u>	Tracy Homfeld, P.E.



*Tracy Homfeld, P.E.*  
*4/28/17*

