

**Engineering Study**  
**Control Device: Stop Signs Aztec Trail (CR 303)**

**Roadway / Intersection:** Intersection of Aztec Trail (south) with Aztec Trail (west) and Sunbeam Trail (east)  
Intersection of Aztec Trail (west) with Aztec Trail (south) and Sunbeam Trail (east)

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

**Existing Traffic Control:** Stop Sign on Aztec Trail at the intersection with Parker Rd  
Stop Sign on Aztec Trail at the intersection with Southview Dr  
Stop Sign on Sunbeam Trail at the intersection with Aztec Trail  
Speed Limit 30 MPH on Aztec Trail

**Roadway Width/ Surface Type:** Aztec Trail – 22-feet (2-Lane Asphalt)  
Sunbeam Trail – 25-feet (Concrete)

**Adjoining Land Development:** Pasture/Residential

**Visibility:** Good

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

**Traffic Counts:** Aztec Trail west of the intersection – 962 Cars per Day  
Sunbeam Trail east of the intersection – 559 Cars per Day  
Aztec Trail south of the intersection – 683 Cars per Day

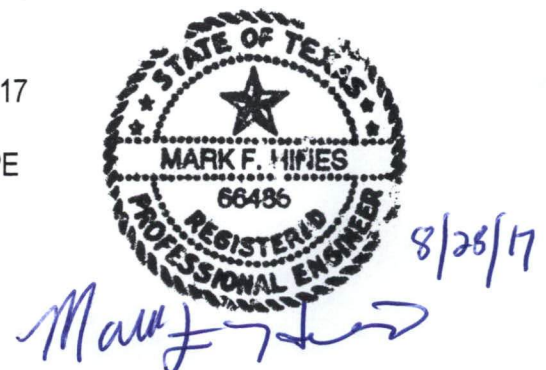
**Application for Stop Sign:** A Stop sign is warranted by Section 2B.04, P2, Article A & D of the 2011 Texas Manual on Uniform Traffic Control Devices.

**Other Factors:** None

**Recommendation:** It is recommended that Stop Signs be placed on Aztec Trail at its intersection with Aztec Trail and Sunbeam Trail.

**Date:** August 24, 2017

**Engineer:** Mark Hines, PE



# EXHIBIT "A"



TENACITY DR

LUCAS

SUBJECT LOCATION

SUNBEAM TRL



ADDISON GRACE LN

AZTEC TRL

STAR GAZE WAY



## LOCATION MAP AZTEC TRAIL

**Engineering Study**  
**Control Device: Speed Limit Signs College Heights Addition**

**Roadway / Intersection:** Sunset Dr and Broadway Ave

**Location / Extent:** East of Anna in College Heights Addition (see exhibit "A")

**Existing Speed Limit:** 25 MPH on roads listed above (approved by Westminster)

**Existing Traffic Control:** Stop Sign on Broadway Ave at the intersection with FM 2862

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

**Roadway Width/ Surface Type:** Sunset Dr 20-feet (2-Lane Asphalt)  
Broadway Ave 22-feet (2-Lane Asphalt)

**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** None taken for this study as these roads lie within a residential subdivision

**Other Factors:** Lots of driveways

**Recommendation:** 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.

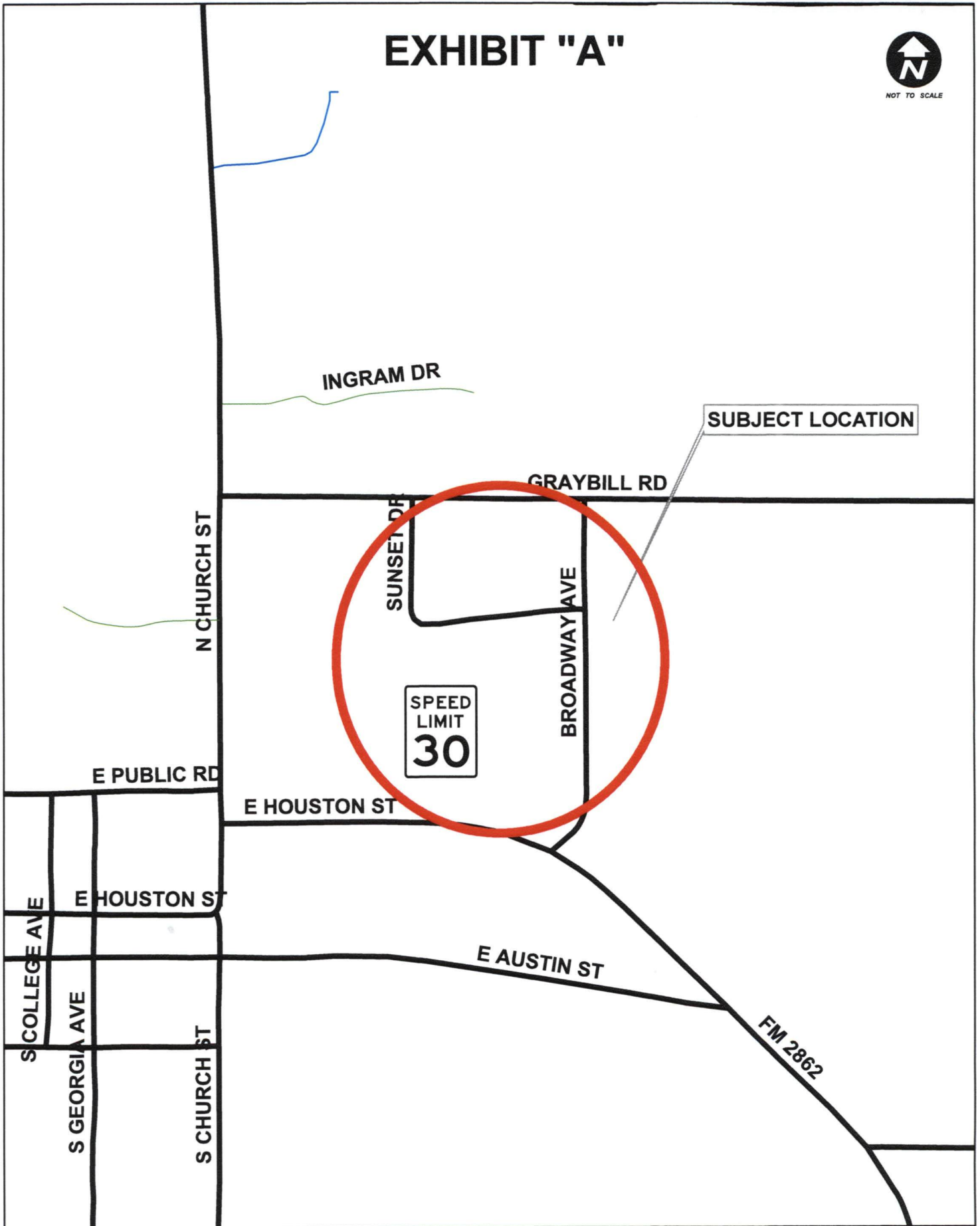
**Date:** August 23, 2017

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



*Mark F. Hines*  
8/28/17

# EXHIBIT "A"



## LOCATION MAP COLLEGE HEIGHTS ADDITION

**Engineering Study**  
**Control Device: Speed Limit Signs CR 413**

**Roadway / Intersection:** County Road 413 from Milrany Lane east to end

**Location / Extent:** Southeast of Melissa (see exhibit "A")

**Existing Speed Limit:** None

**Existing Traffic Control:** Stop Sign at intersection with Milrany Lane

**Traffic Counts:** 269 Cars per day

**Roadway Width/ Surface Type:** 22-feet (2-Lane Asphalt)

**Adjoining Land Development:** Pasture/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:** A portion of this road is in Northridge Farms, so there are multiple driveways

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

**Date:** August 8, 2017

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



*Mark F. Hines*  
8/8/17

# EXHIBIT "A"



NOT TO SCALE

COUNTY ROAD 413

COUNTY ROAD 413

MILRANY LN

BRYANT ST

SUBJECT LOCATION

LAGUNA DR

SPEED  
LIMIT  
40

COUNTY ROAD 413

COUNTY ROAD 413

MILRANY LN

GROVE VIEW RD

GREENWAY LN

FM 2933

COUNTY ROAD 412



## LOCATION MAP CR 413

**Engineering Study**  
**Control Device: Stop Sign CR 426**

**Roadway / Intersection:** Intersection of CR 426 (south) with CR 1106 (east-west)

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

**Existing Traffic Control:** Stop Sign on CR 426 at the intersection with CR 376

**Roadway Width/ Surface Type:** CR 426 – 20-feet (2-Lane Asphalt)  
CR 1106 east of intersection – 22-feet (2-Lane Asphalt)  
CR 1106 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 426 – 100 Cars per Day  
CR 1106 east of the intersection – 239 Cars per Day  
CR 1106 west of the intersection – 307 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 426 at its intersection with CR 1106.

**Date:** August 24, 2017

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



*Mark F. Hines*  
8/28/17

# EXHIBIT "A"



COUNTY ROAD 1106

SUBJECT LOCATION

COUNTY ROAD 426



LOCATION MAP CR 426

**Engineering Study**  
**Control Device: Speed Limit Signs CR 451**

**Roadway / Intersection:** County Road 451 from FM 982 east to end

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

**Existing Speed Limit:** None

**Existing Traffic Control:** Stop Sign at intersection with FM 982

**Traffic Counts:** 52 Cars per day

**Roadway Width/ Surface Type:** 22-feet (2-Lane Asphalt)

**Adjoining Land Development:** Pasture/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:** Road was recently upgraded to asphalt and traffic is expected to increase

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

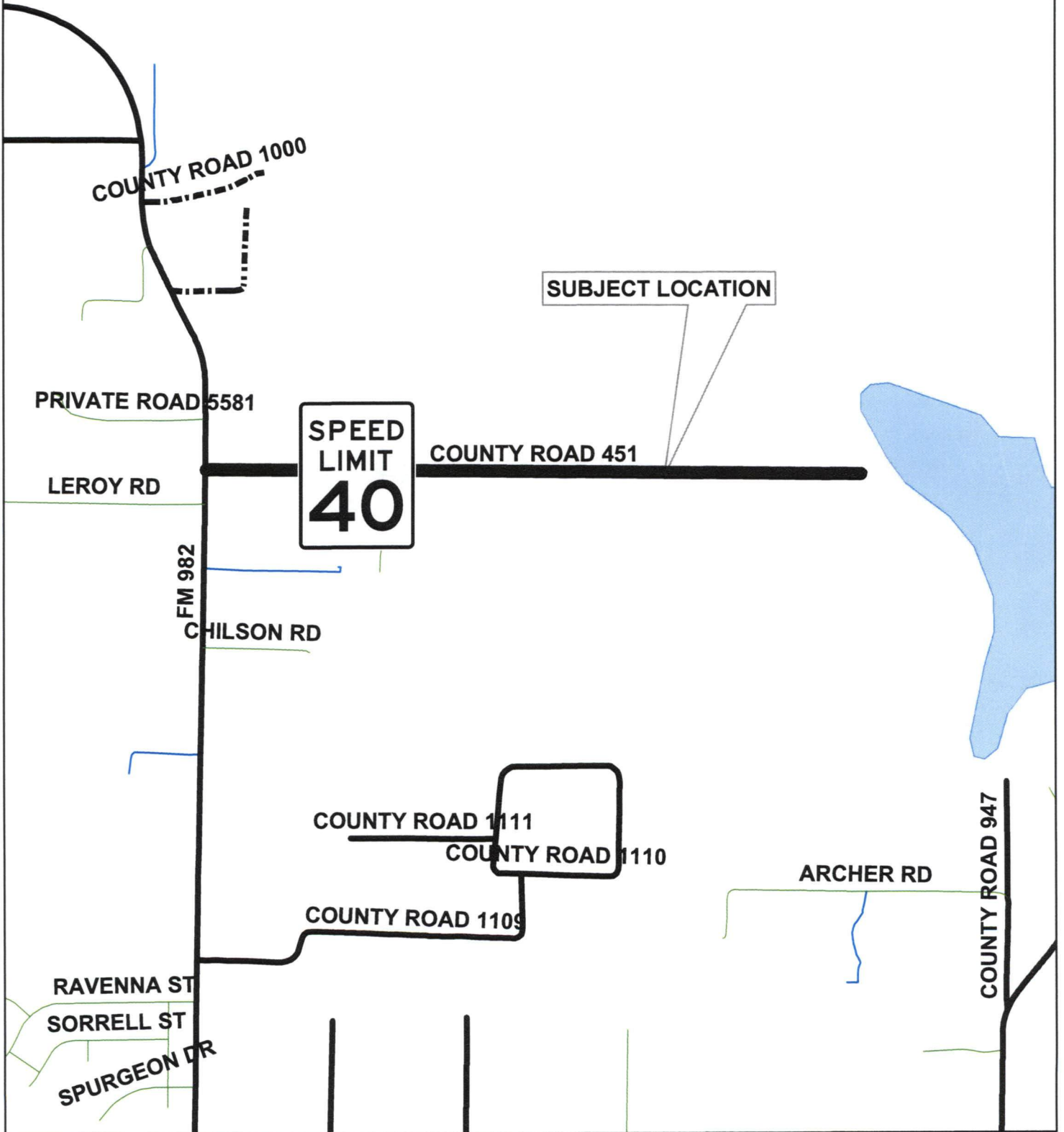
**Date:** August 23, 2017

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



*Mark F. Hines*  
8/28/17

# EXHIBIT "A"



## LOCATION MAP CR 451

**Engineering Study**  
**Control Device: Speed Limit Signs CR 499**

**Roadway / Intersection:** County Road 499 from FM 1377 west and north to CR 499

**Location / Extent:** North of Princeton (see exhibit "A")

**Existing Speed Limit:** None

**Existing Traffic Control:** Stop Sign at intersection with FM 1777

**Traffic Counts:** 24 Cars per day

**Roadway Width/ Surface Type:** 24-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:** Road was recently upgraded to asphalt and traffic is expected to increase

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

**Date:** August 23, 2017

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



*Mark F. Hines*  
8/29/17

# EXHIBIT "A"



BLUEBONNET TRL

COUNTY ROAD 466

FM 1377

SPEED  
LIMIT  
**40**

COUNTY ROAD 499

SUBJECT LOCATION



## LOCATION MAP CR 499

**Engineering Study**  
**Control Device: Stop Sign CR 499**

**Roadway / Intersection:** Intersection of CR 499 (south) with CR 466 (east-west)

**Location / Extent:** North of Princeton (see exhibit "A")

**Existing Traffic Control:** Stop Sign on CR 499 at the intersection with FM 1377

**Roadway Width/ Surface Type:** CR 499 – 24-feet (2-Lane Asphalt)  
CR 466 east of intersection – 24-feet (2-Lane Asphalt)  
CR 466 west of intersection – 24-feet (2-Lane Asphalt)

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

**Visibility:** Limited view due to curve

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

**Traffic Counts:** CR 499 – 21 Cars per Day  
CR 466 east of the intersection – 256 Cars per Day  
CR 466 west of the intersection – 346 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 499 at its intersection with CR 466.

**Date:** August 23, 2017

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



*Mark F. Hines*  
*8/28/17*

# EXHIBIT "A"



BLUEBONNET TRL

SUBJECT LOCATION

COUNTY ROAD 466



FM 1377

COUNTY ROAD 499



## LOCATION MAP CR 499

**Engineering Study**  
**Control Device: Speed Limit Signs CR 526**

**Roadway / Intersection:** County Road 526 from Hwy 121 west to FM 2862

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

**Existing Speed Limit:** None

**Existing Traffic Control:** Stop Sign at intersection with Hwy 121  
Stop Sign at intersection with FM 2862

**Traffic Counts:** 60 Cars per day

**Roadway Width/ Surface Type:** 26-feet (2-Lane Asphalt)

**Adjoining Land Development:** Pasture

**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:** Road was recently upgraded to asphalt and traffic is expected to increase

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

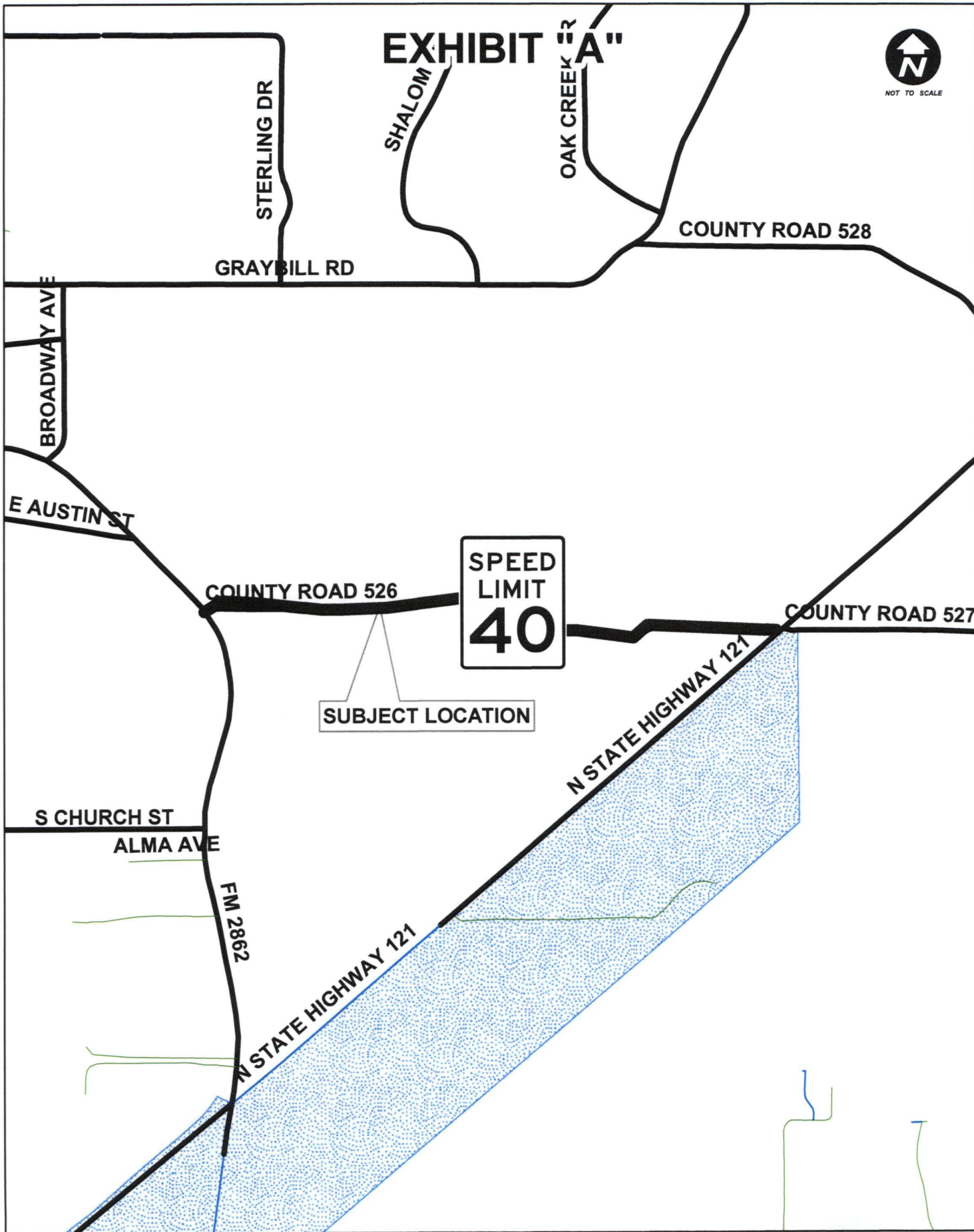
**Date:** August 8, 2017

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



*Mark Hines*  
8/28/17

# EXHIBIT "A"



LOCATION MAP CR 526

**Engineering Study**  
**Control Device: Speed Limit Signs CR 536**

**Roadway / Intersection:** County Road 536 from FM 2755 south to County line

**Location / Extent:** Southeast of Lavon (see exhibit "A")

**Existing Speed Limit:** None

**Existing Traffic Control:** Stop Sign at intersection with FM 2755

**Traffic Counts:** 268 Cars per day

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

**Adjoining Land Development:** Pasture/Residential

**Roadway Design Speed:** None

**Visibility Along the Roadway:** Some hills restrict visibility

**Accident History:** No speed related accidents reported to Public Works

**Radar Speed Survey Result** 85<sup>th</sup> percentile is 58 MPH

**Other Factors:** Speed limit is 35 MPH once you hit Rockwall County

**Recommendation:** A 55 M.P.H. Speed Limit is recommended along the entire road.

**Date:** August 1, 2017

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



*Mark F. Hines*  
8/28/17

# EXHIBIT "A"



FM 2755

COUNTY ROAD 536

SUBJECT LOCATION

SPEED  
LIMIT  
**55**

COUNTY ROAD 950

CHAPARRAL TROT

COUNTY ROAD 949

MELLIE LN

COLLIN COUNTY

ROCKWALL COUNTY

GAILS LN

COYOTE RUN



## LOCATION MAP CR 536

**Engineering Study**  
**Control Device: Speed Limit Signs CR 549**

**Roadway / Intersection:** County Road 549 from State Hwy 78 to Business Hwy 78

**Location / Extent:** West Copeville (see exhibit "A")

**Existing Speed Limit:** None

**Existing Traffic Control:** Stop Sign on CR 549 at State Hwy 78  
Stop Sign on CR 549 at Business Hwy 78

**Traffic Counts:** 726 Cars per day

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

**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** 85<sup>th</sup> percentile is 48 MPH

**Other Factors:** Multiple driveways along the road

**Recommendation:** A 45 M.P.H. Speed Limit is recommended along the entire road.

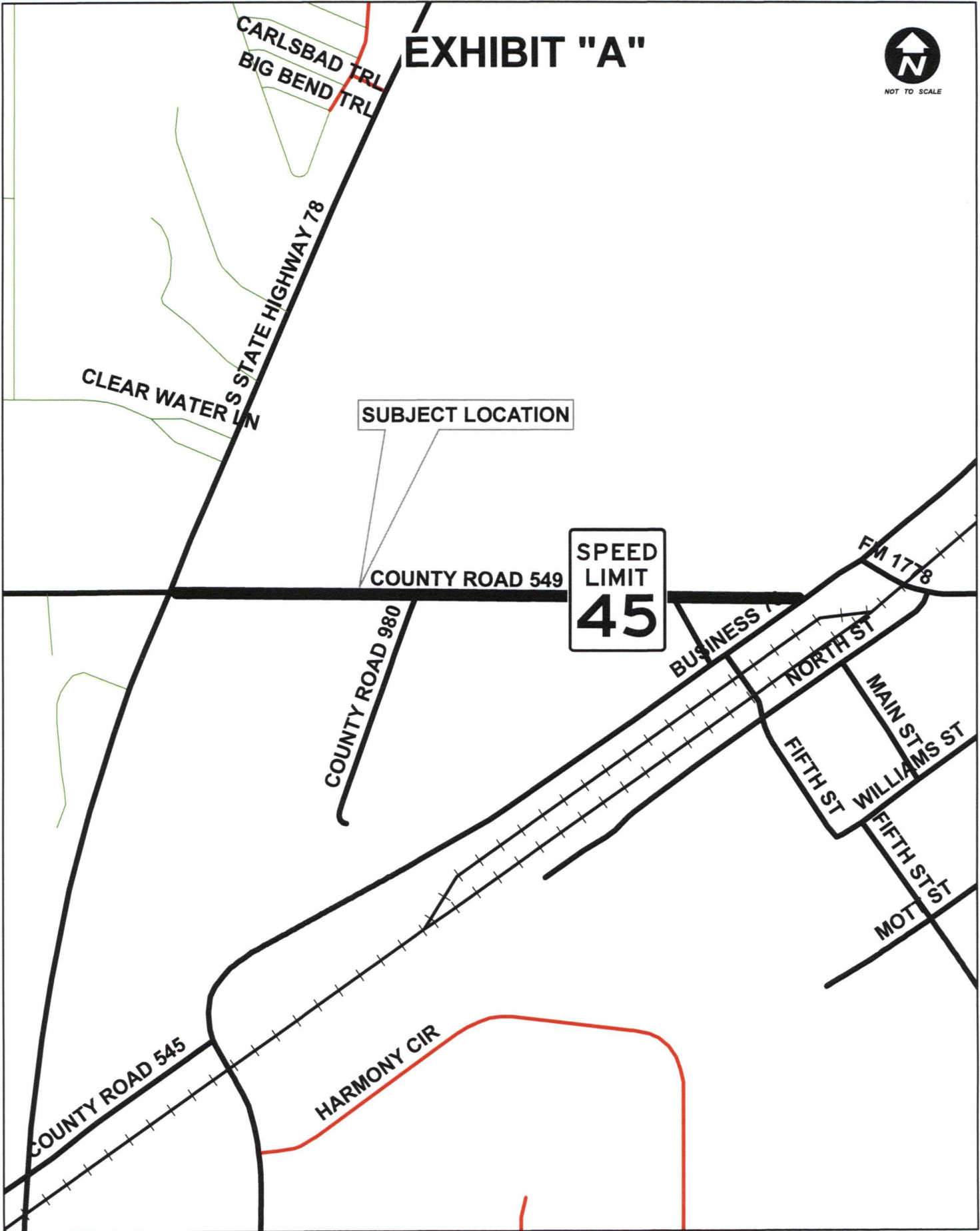
**Date:** August 8, 2017

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



*Mark F. Hines*  
8/28/17

# EXHIBIT "A"



LOCATION MAP CR 549

**Engineering Study**  
**Control Device: Stop Sign CR 570**

**Roadway / Intersection:** Intersection of CR 570 (south) with CR 574 (east-west)

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

**Existing Traffic Control:** None

**Roadway Width/ Surface Type:** CR 570 – 22-feet (2-Lane Asphalt)  
CR 574 east of intersection – 22-feet (2-Lane Asphalt)  
CR 574 west of intersection – 22-feet (2-Lane Asphalt)

**Adjoining Land Development:** Pasture/Residential

**Visibility:** Limited view to west due to curve

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

**Traffic Counts:** CR 570 – 164 Cars per Day  
CR 574 east of the intersection – 243 Cars per Day  
CR 574 west of the intersection – 167 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 570 at its intersection with CR 574.

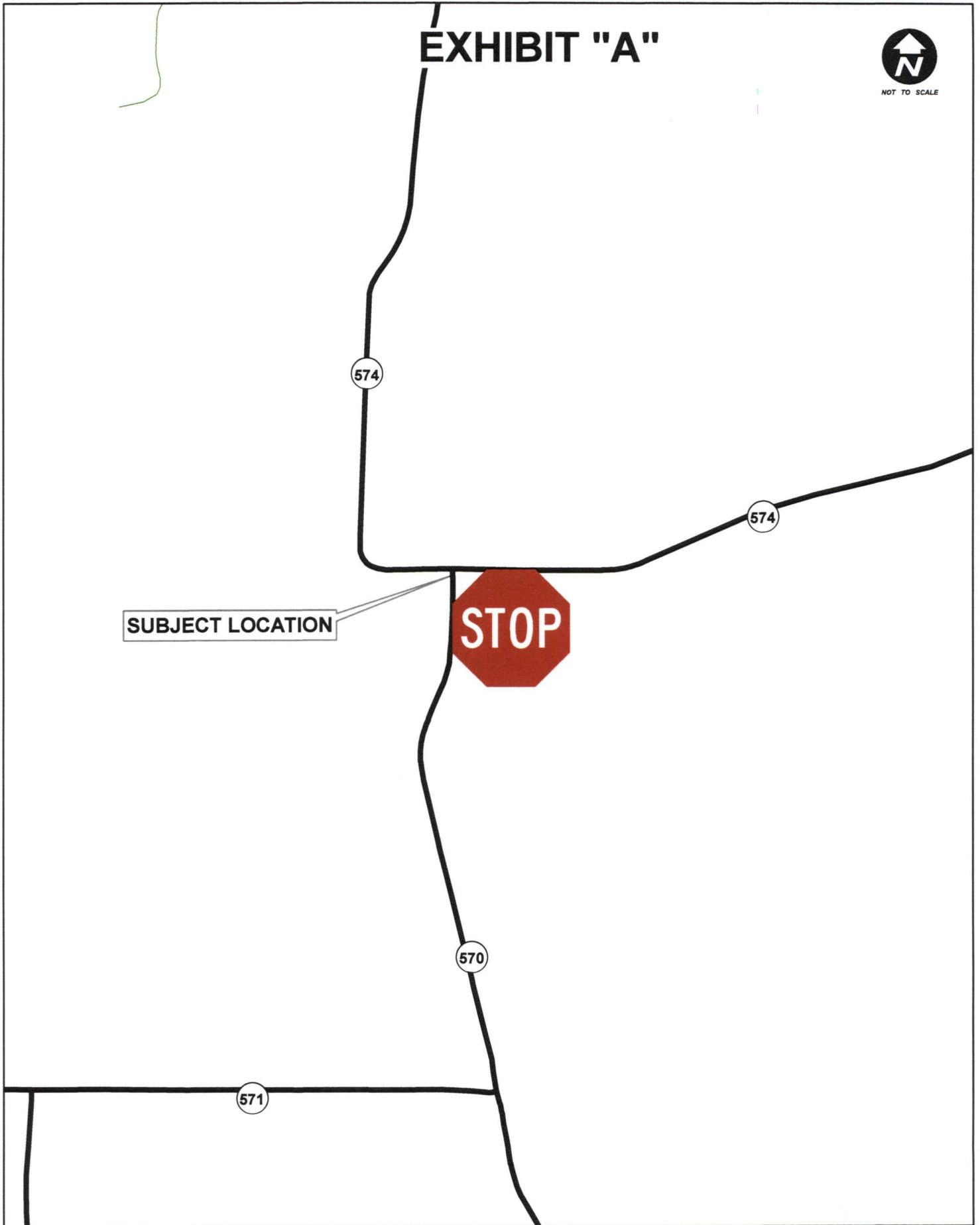
**Date:** August 8, 2017

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



*Mark F. Hines*  
8/28/17

# EXHIBIT "A"



SUBJECT LOCATION

STOP

LOCATION MAP CR 570



**Engineering Study**  
**Control Device: Speed Limit Signs CR 639**

**Roadway / Intersection:** County Road 639 from FM 1777 west and south to CR 590

**Location / Extent:** North of Royse City (see exhibit "A")

**Existing Speed Limit:** None

**Existing Traffic Control:** Stop Sign at intersection with FM 1777

**Traffic Counts:** 7 Cars per day

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

**Adjoining Land Development:** 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:** Road was recently upgraded to asphalt and traffic is expected to increase

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

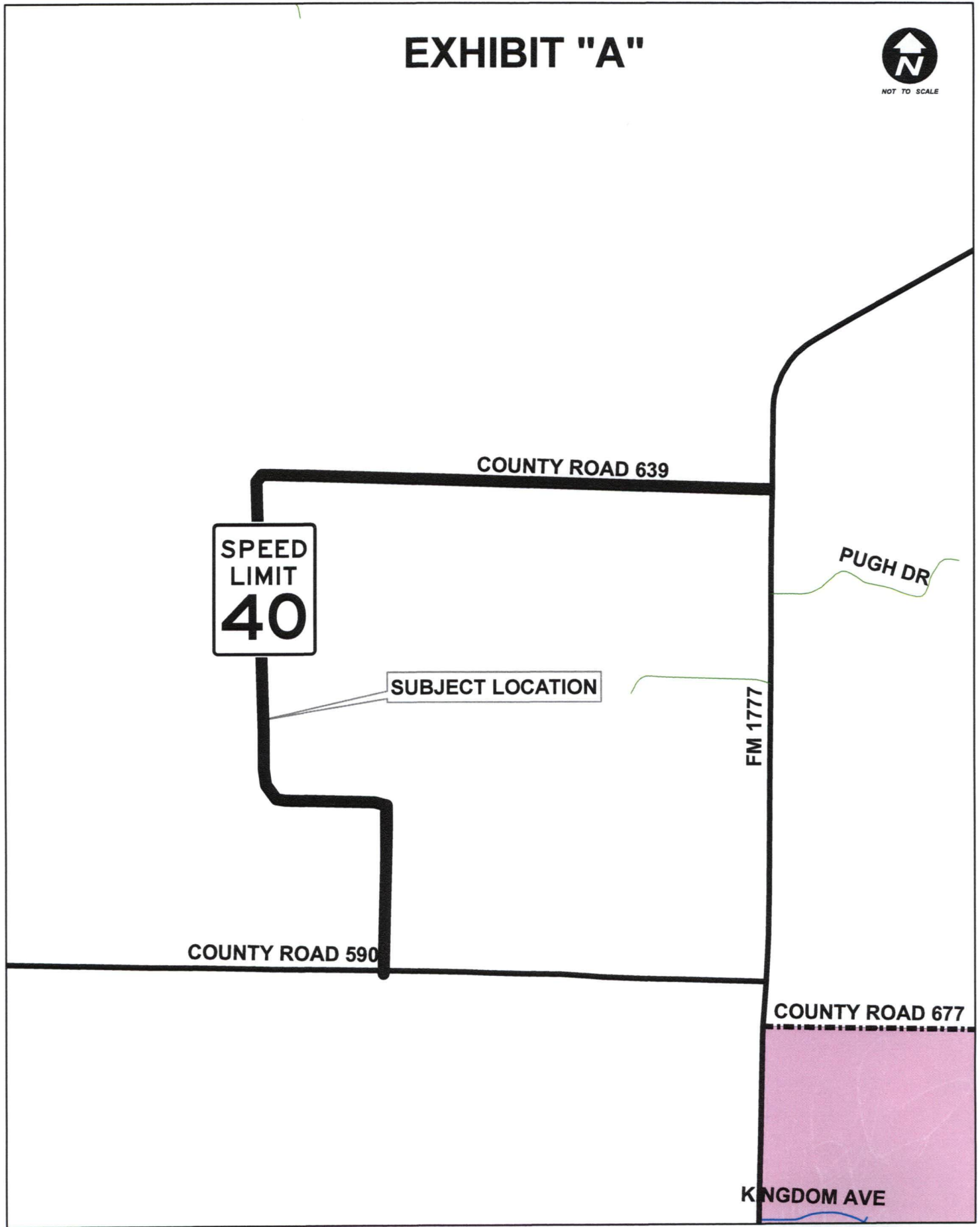
**Date:** August 8, 2017

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



*Mark F. Hines*  
*8/28/17*

# EXHIBIT "A"



## LOCATION MAP CR 639

**Engineering Study**  
**Control Device: Stop Sign CR 639**

**Roadway / Intersection:** Intersection of CR 639 (north) with CR 590 (east-west)

**Location / Extent:** North of Royse City (see exhibit "A")

**Existing Traffic Control:** Stop Sign on CR 639 at the intersection with FM 1777

**Roadway Width/ Surface Type:** CR 639 – 21-feet (2-Lane Asphalt)  
CR 590 east of intersection – 24-feet (2-Lane Asphalt)  
CR 590 west of intersection – 24-feet (2-Lane Asphalt)

**Adjoining Land Development:** Agricultural/Residential

**Visibility:** Good

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

**Traffic Counts:** CR 639 – 13 Cars per Day  
CR 590 east of the intersection – 390 Cars per Day  
CR 590 west of the intersection – 385 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 639 at its intersection with CR 590.

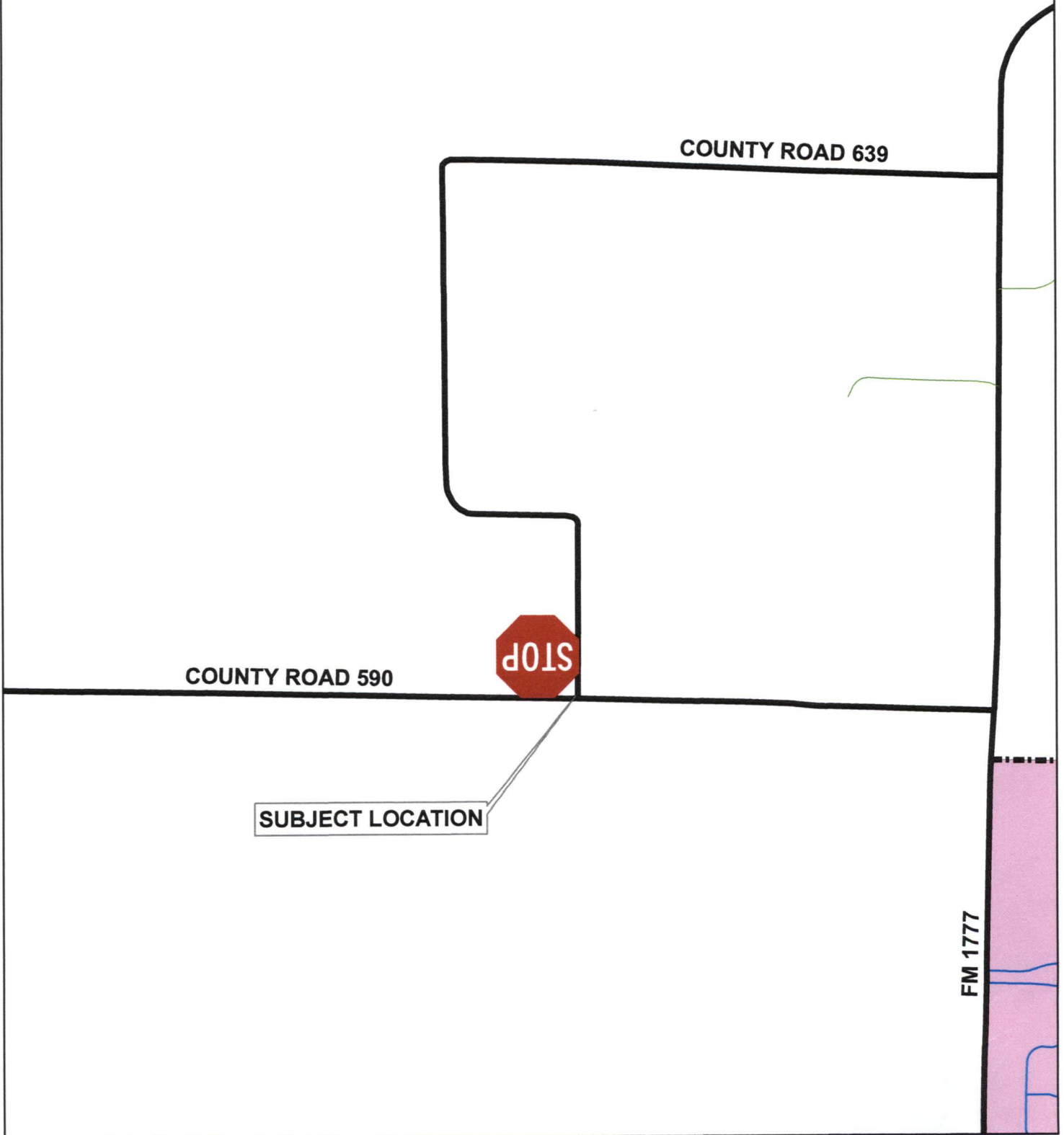
**Date:** August 23, 2017

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



*Mark F. Hines*  
8/23/17

# EXHIBIT "A"



## LOCATION MAP CR 639

**Engineering Study**  
**Control Device: Stop Sign CR 695**

**Roadway / Intersection:** Intersection of CR 695 (south) with CR 820 (east-west)

**Location / Extent:** North of Josephine (see exhibit "A")

**Existing Traffic Control:** Speed Limit 40 MPH on CR 695

**Roadway Width/ Surface Type:** CR 695 – 24-feet (2-Lane Asphalt)  
CR 820 east of intersection – 22-feet (2-Lane Asphalt)  
CR 820 west of intersection – 22-feet (2-Lane Asphalt)

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

**Visibility:** Good

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

**Traffic Counts:** CR 695 – 50 Cars per Day  
CR 820 east of the intersection – 30 Cars per Day  
CR 820 west of the intersection – 65 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 695 at its intersection with CR 820.

**Date:** August 8, 2017

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



*Mark F. Hines*  
8/8/17

COUNTY ROAD 649

# EXHIBIT "A"



COUNTY ROAD 696



COUNTY ROAD 647

COUNTY ROAD 820

SUBJECT LOCATION



COUNTY ROAD 695

COLLIN COUNTY

HUNT COUNTY

PRIVATE ROAD 5455



## LOCATION MAP CR 695

**Engineering Study**  
**Control Device: Stop Sign CR 695**

**Roadway / Intersection:** Intersection of CR 695 (north) with CR 850 (east-west)

**Location / Extent:** North of Josephine (see exhibit "A")

**Existing Traffic Control:** Speed Limit 40 MPH on CR 695

**Roadway Width/ Surface Type:** CR 695 – 24-feet (2-Lane Asphalt)  
CR 850 east of intersection – 24-feet (2-Lane Asphalt)  
CR 850 west of intersection – 24-feet (2-Lane Asphalt)

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

**Visibility:** Good

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

**Traffic Counts:** CR 695 – 87 Cars per Day  
CR 850 east of the intersection – 36 Cars per Day  
CR 850 west of the intersection – 90 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 695 at its intersection with CR 850.

**Date:** August 8, 2017

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



*Mark F. Hines*  
8/28/17

# EXHIBIT "A"



NOT TO SCALE

COUNTY ROAD 695

SUBJECT LOCATION

PRIVATE ROAD 5455



FM 547

COUNTY ROAD 850

CANALES RD

HORIZON WAY

N MAIN ST

N GREENVILLE AVE

COUNTY ROAD 1003

COLLIN COUNTY

HUNT COUNTY

CADDO ST

W HUBBARD RD

MILTON ST

S MAIN ST

EAST ST



## LOCATION MAP CR 695

**Engineering Study**  
**Control Device: Speed Limit Signs CR 1204**

**Roadway / Intersection:** County Road 1204 from County Road 578 south to end

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

**Existing Speed Limit:** None

**Existing Traffic Control:** None

**Traffic Counts:** 50 Cars per day

**Roadway Width/ Surface Type:** 20-feet (2-Lane Asphalt)

**Adjoining Land Development:** Pasture/Residential

**Roadway Design Speed:** None

**Visibility Along the Roadway:** Some trees restrict visibility

**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:** Multiple driveways along the road

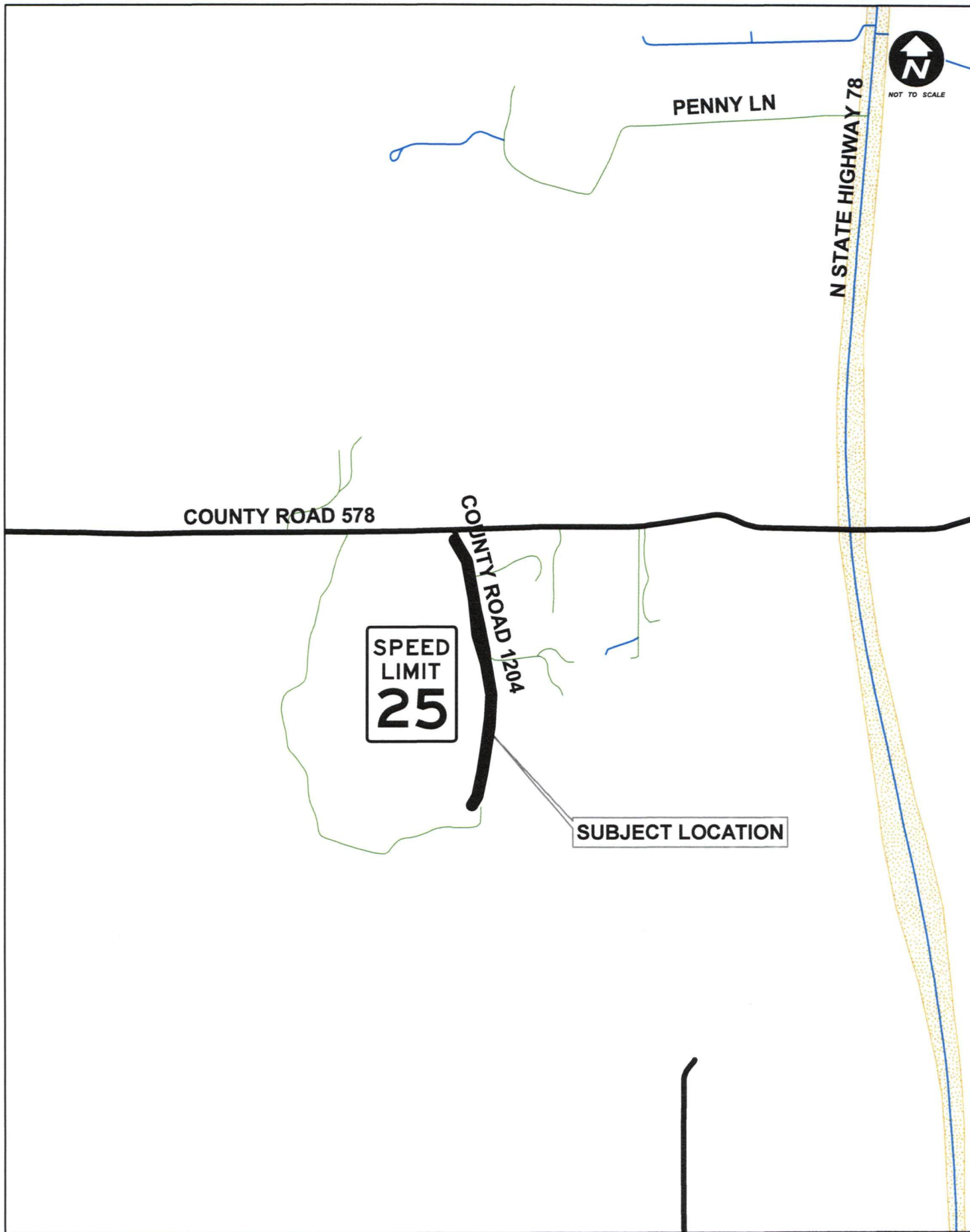
**Recommendation:** A 25 M.P.H. Speed Limit is recommended along the entire road.

**Date:** August 1, 2017

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



*Mark F. Hines*  
8/28/17



# LOCATION MAP CR 1204

**Engineering Study**  
**Control Device: Speed Limit Signs Crowells Hidden Valley Estates**

**Roadway / Intersection:** County Road 949 and 950

**Location / Extent:** Southeast of Lavon in Crowells Hidden Valley Estates  
(see exhibit "A")

**Existing Speed Limit:** None

**Existing Traffic Control:** None

**Traffic Counts:** 314 Cars per day

**Roadway Width/ Surface Type:** 20-feet (2-Lane Asphalt)

**Adjoining Land Development:** Residential

**Roadway Design Speed:** None

**Visibility Along the Roadway:** Some hills and curves restrict visibility

**Accident History:** No speed related accidents reported to Public Works

**Radar Speed Survey Result** 85<sup>th</sup> percentile is 48 MPH

**Other Factors:** Lots of driveways

**Recommendation:** A 45 M.P.H. Speed Limit is recommended along the entire road.

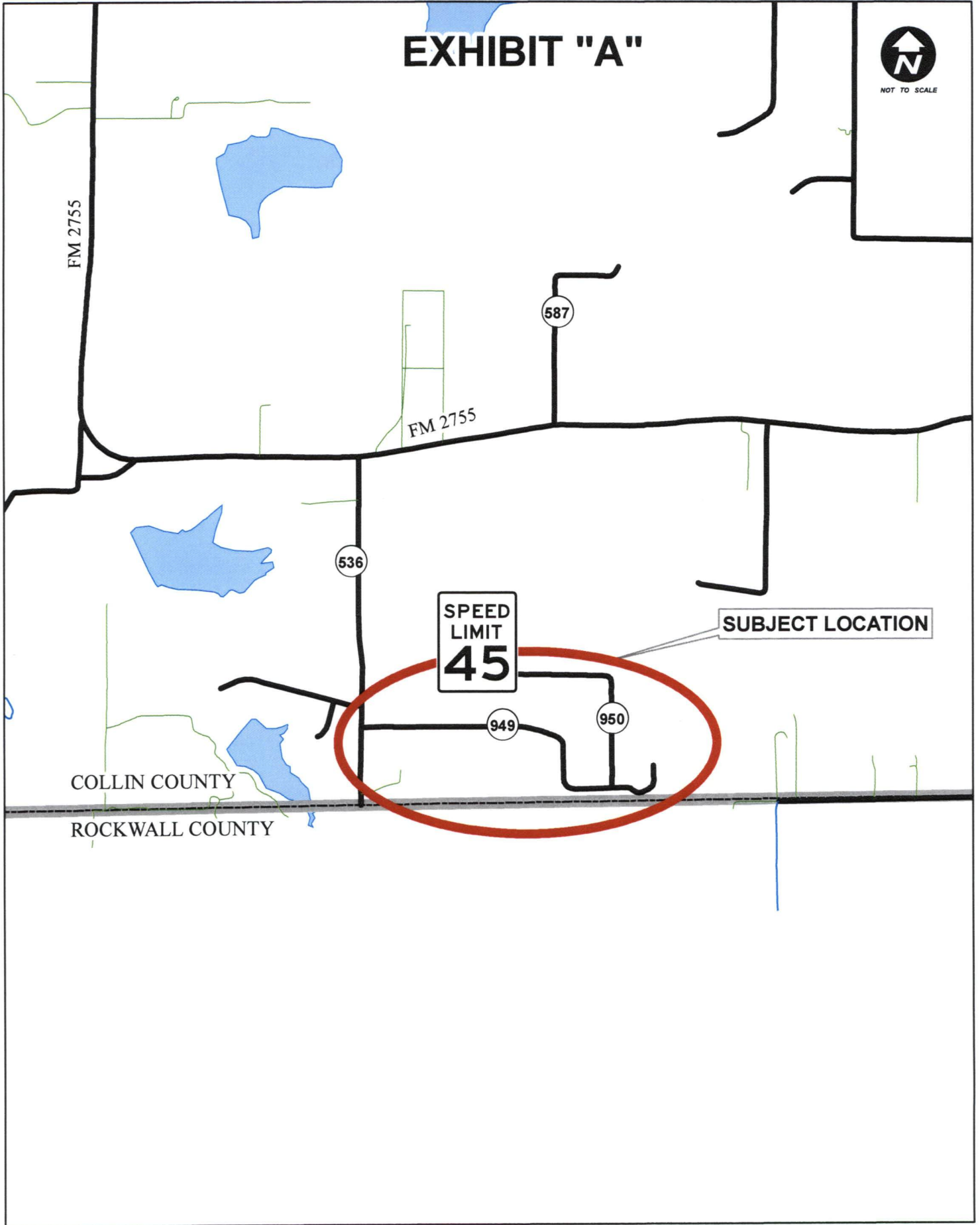
**Date:** August 8, 2017

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



*Mark Hines*  
8/08/17

# EXHIBIT "A"



**Engineering Study**  
**Control Device: Stop Signs in McKinney Meadows Phase 4**

**Roadway / Intersection:** Intersections of Crystal Creek Lane with Glenscape Drive, Crystal Creek Lane with McKinney Meadows Drive, Glenscape Drive with Crystal Creek Lane, Glenscape Drive with CR 1218

**Location / Extent:** East of McKinney in McKinney Meadows (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 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 Crystal Creek Lane with Glenscape Drive, Crystal Creek Lane with McKinney Meadows Drive, Glenscape Drive with Crystal Creek Lane, and Glenscape Drive with CR 1218 as shown on the attached "Exhibit A".

**Date:** August 8, 2017

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



*Mark F. Hines*  
8/8/17



**Engineering Study**  
**Control Device: Stop Signs in Timberridge**

**Roadway / Intersection:** Intersections of Inn Kitchen Way with County Road 124, Country Church Road with County Road 124, Town Bridge Road with Inn Kitchen Way and Town Bridge Road with Country Church Road.

**Location / Extent:** West McKinney in Timberridge (see exhibit "A")

**Existing Traffic Control:** None

**Roadway Width/ Surface Type:** 27-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 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 Inn Kitchen Way with County Road 124, Country Church Road with County Road 124, Town Bridge Road with Inn Kitchen Way and Town Bridge Road with Country Church Road as shown on the attached "Exhibit A".

**Date:** August 1, 2017

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



*Mark F. Hines*  
8/28/17



**Engineering Study**  
**Control Device: Stop Signs in Hunter Lakes**

**Roadway / Intersection:** Intersections of Barrett Rd with CR 469, Colt Dr with Nighthawk St, Remington Rd with Nighthawk St, Trail House Way with Nighthawk St, Nighthawk St with Ruger Lane, Browning Dr with CR 469.

**Location / Extent:** East of McKinney in Hunter Lakes (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 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 Barrett Rd with CR 469, Colt Dr with Nighthawk St, Remington Rd with Nighthawk St, Trail House Way with Nighthawk St, Nighthawk St with Ruger Lane, Browning Dr with CR 469 as shown on the attached "Exhibit A".

**Date:** August 24, 2017

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



*Mark F. Hines*  
8/28/17

**Engineering Study**  
**Control Device: Speed Limit Signs Hunter Lakes**

**Roadway / Intersection:** Barrett Road, Nighthawk Street, Colt Drive, Remington Road, Trail House Way, Ruger Lane, Browning Drive

**Location / Extent:** East of McKinney in Hunter Lakes (see exhibit "A")

**Existing Speed Limit:** None

**Existing Traffic Control:** None

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

**Roadway Width/ Surface Type:** All Roads 25-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** None taken for this study as these roads lie within a residential subdivision

**Other Factors:** None

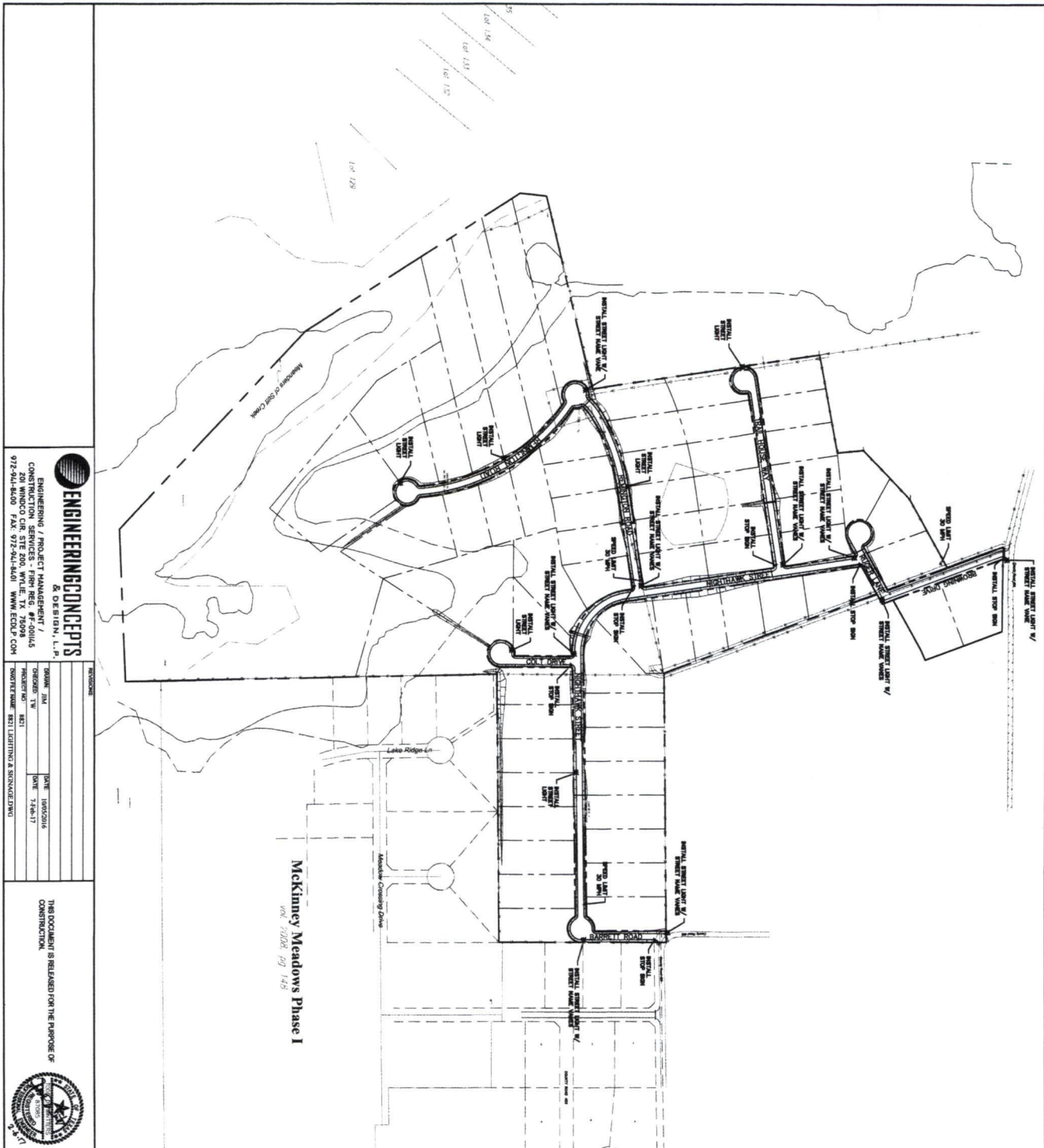
**Recommendation:** These roads lie within an "urban district", as defined in Transportation Code, Title 7, sec 541.102. Title 7, sec 545.352 calls for urban district speed limit to be 30 MPH.

**Date:** August 24, 2017

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

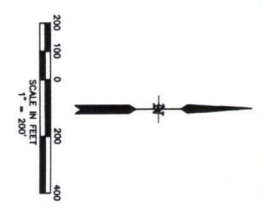


*Mark F. Hines*  
8/28/17



**McKinney Meadows Phase I**  
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LEGEND:  
 ■ STREET LIGHT  
 - STOP SIGN



**ENGINEERINGCONCEPTS**  
 & DESIGN, L.P.  
 ENGINEERING / PROJECT MANAGEMENT /  
 CONSTRUCTION SERVICES - FIRM REG. #F-200145  
 50 WINDOCK CIRCLE, SUITE 200, FORT WORTH, TEXAS 76104  
 972-541-8545 / FAX: 972-541-8481 WWW.ECCL.COM

DATE	DATE	DATE
DRAWN: JIM	CHKD: JIM	DATE: 10/20/08
DESIGNED: TW	DATE: 7/24/07	
PROJECT NAME: 2001 LANTANA & SPRINGDALE		

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF  
 CONSTRUCTION.



**LIGHTING & SIGNAGE PLAN**  
**HUNTER LAKES**  
 COLLIN COUNTY, TEXAS