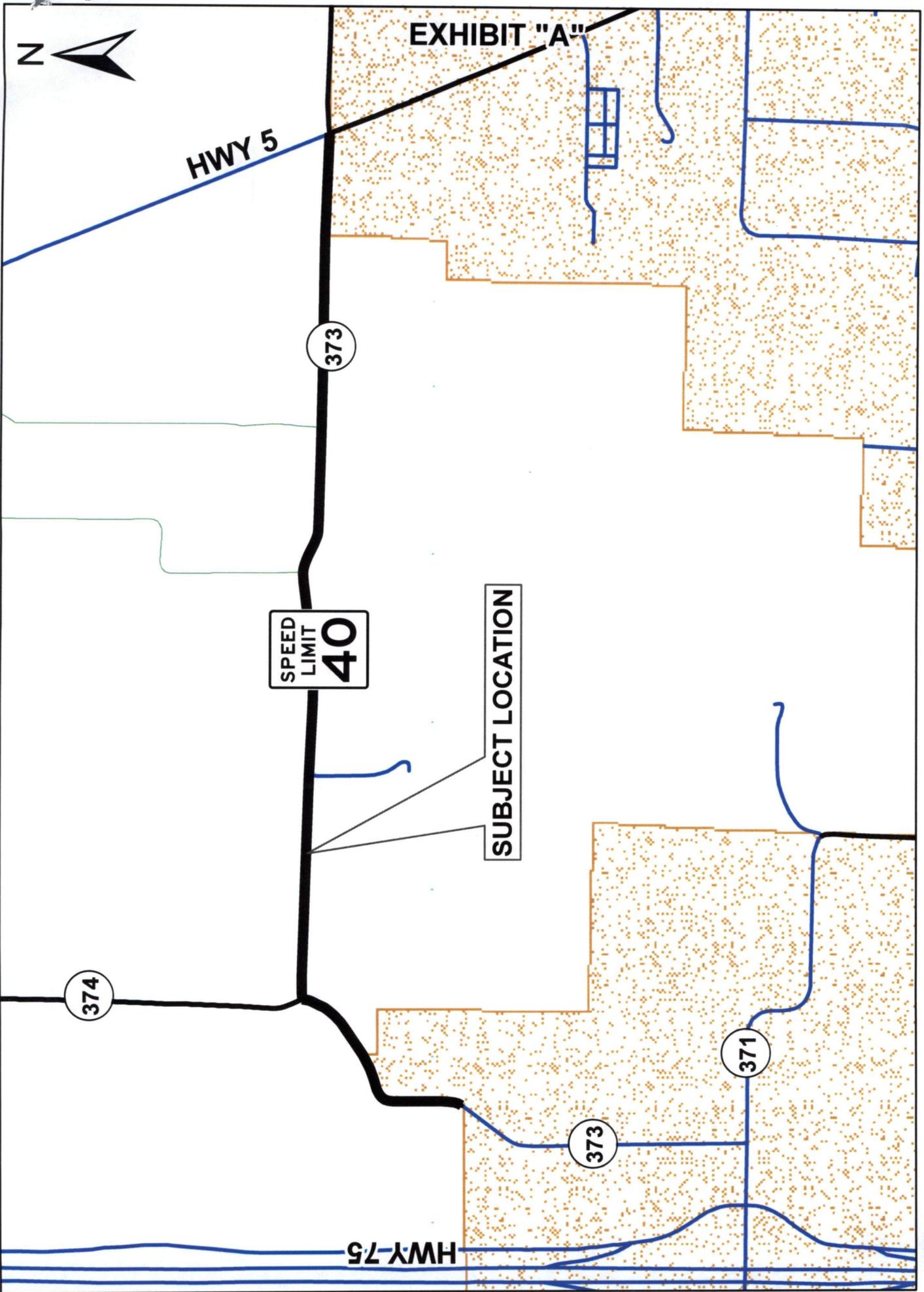


Engineering Study
Control Device: Speed Limit Signs CR 373

<u>Roadway / Intersection:</u>	County Road 373 from Highway 5 west and south to Anna City Limits.
<u>Location / Extent:</u>	North of Anna (see exhibit "A")
<u>Existing Speed Limit:</u>	None
<u>Existing Traffic Control:</u>	None
<u>Traffic Counts:</u>	203 Cars per day
<u>Roadway Width/ Surface Type:</u>	24-feet (2-Lane Asphalt)
<u>Adjoining Land Development:</u>	Pasture/Agricultural/Residential
<u>Roadway Design Speed:</u>	None
<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>	Unable to obtain due to limited traffic at the time of the survey
<u>Other Factors:</u>	CR 373 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
<u>Date:</u>	June 10, 2013
<u>Engineer:</u>	Tracy Homfeld, P.E., CFM



*Tracy Homfeld, PE
7-8-2013*



LOCATION MAP CR 373



Engineering Study
Control Device: Speed Limit Signs CR 374

Roadway / Intersection: County Road 374 from CR 373 north to CR 375.

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

Existing Speed Limit: None

Existing Traffic Control: None

Traffic Counts: 36 Cars per day

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

Adjoining Land Development: Pasture/Agricultural

Roadway Design Speed: None

Visibility Along the Roadway: Good

Accident History: No speed related accidents have been reported to the Public Works Department

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

Other Factors: CR 374 has recently been upgraded to asphalt and the traffic is expected to increase.

Recommendation: A 40 M.P.H. Speed Limit is recommended

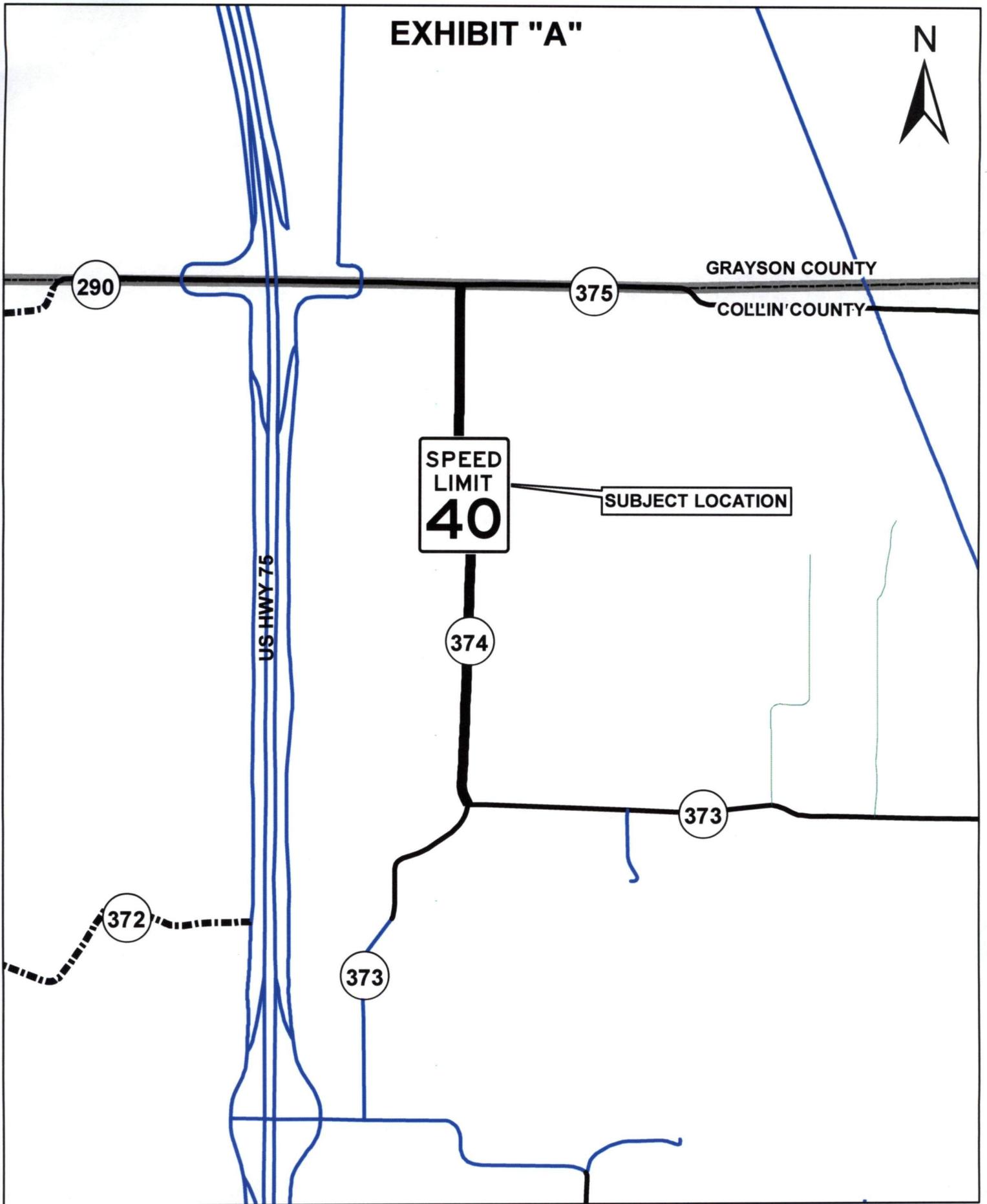
Date: June 10, 2013

Engineer: Tracy Homfeld, P.E., CFM



*Tracy Homfeld, PE
7-8-2013*

EXHIBIT "A"



GRAYSON COUNTY

COLLIN COUNTY

290

375

SPEED
LIMIT
40

SUBJECT LOCATION

374

373

372

373

US HWY 75



LOCATION MAP CR 374

Engineering Study Control Device: Stop Signs CR 374

Roadway / Intersection: Intersections of CR 374 with CR 373 and CR 375, giving the right-of-way to the east-west traffic on CR 373 and CR 375.

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

Existing Traffic Control: None

Roadway Width/ Surface Type: CR 374 – 24-feet (2-Lane Asphalt)
CR 373 – 24-feet (2-Lane Asphalt)
CR 375 – 22-feet (2-Lane Asphalt)

Adjoining Land Development: Pasture/Agricultural

Visibility: Trees along CR 374 restrict visibility at the intersection with CR 373.

Accident History: None have been reported to Public Works Department

Traffic Counts: CR 374 – 36 Cars per Day
CR 373 West of the intersection – 25 Cars per Day
CR 373 East of the intersection – 42 Cars per Day
CR 375 West of the intersection – 457 Cars per Day
CR 375 East of the intersection – 458 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 Stop Signs be placed on CR 374 at the intersections of CR 373 and CR 375, giving the right-of-way to the east-west traffic on CR 373 and CR 375.

Date:

June 10, 2013

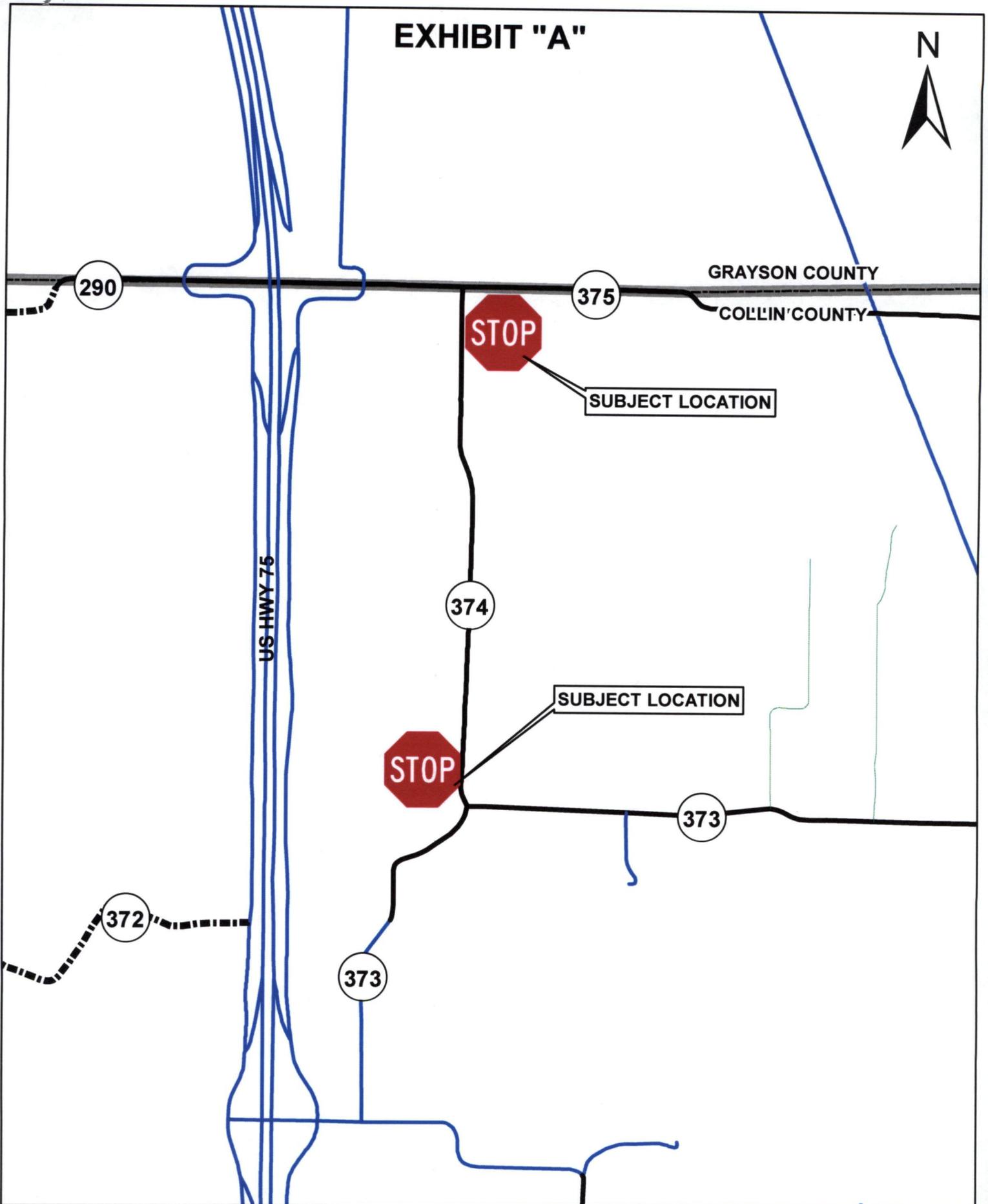
Engineer:

Tracy Homfeld, PE, CFM



Tracy Homfeld, PE
7-8-2013

EXHIBIT "A"



LOCATION MAP CR 374

Engineering Study
Control Device: Speed Limit Signs CR 408

Roadway / Intersection: County Road 408 from FM 1827 to FM 75

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

Existing Speed Limit: None

Existing Traffic Control: Stop sign at the intersection with FM 1827
Stop sign at the intersection with FM 75

Traffic Counts: 47 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: Good

Accident History: No speed related accidents have been reported to the Public Works Department

Radar Speed Survey Result 85th Percentile speed is 38 M.P.H.

Other Factors: CR 456 has recently been upgraded to asphalt and the traffic is expected to increase.

Recommendation: A 40 M.P.H. Speed Limit is recommended

Date: June 21, 2013

Engineer: Tracy Homfeld, P.E., CFM



*Tracy Homfeld, PE
7-8-2013*

EXHIBIT "A"



FM 75

408

SPEED
LIMIT
40

SUBJECT LOCATION

408

406

405

FM 1827

LOCATION MAP CR 408



Engineering Study
Control Device: Speed Limit Signs CR 456 AKA E. Hazelwood St.

Roadway / Intersection: County Road 456 AKA E. Hazelwood St. from CR 490 west to first curve

Location / Extent: Southeast Princeton (see exhibit "A")

Existing Speed Limit: None

Existing Traffic Control: Stop sign at the intersection with CR 490
30 M.P.H. on West end of road (City portion)

Traffic Counts: 228 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: Good

Accident History: No speed related accidents have been reported to the Public Works Department

Radar Speed Survey Result 85th Percentile speed is 38 M.P.H.

Other Factors: CR 456 has recently been upgraded to asphalt and the traffic is expected to increase.

Recommendation: A 40 M.P.H. Speed Limit is recommended

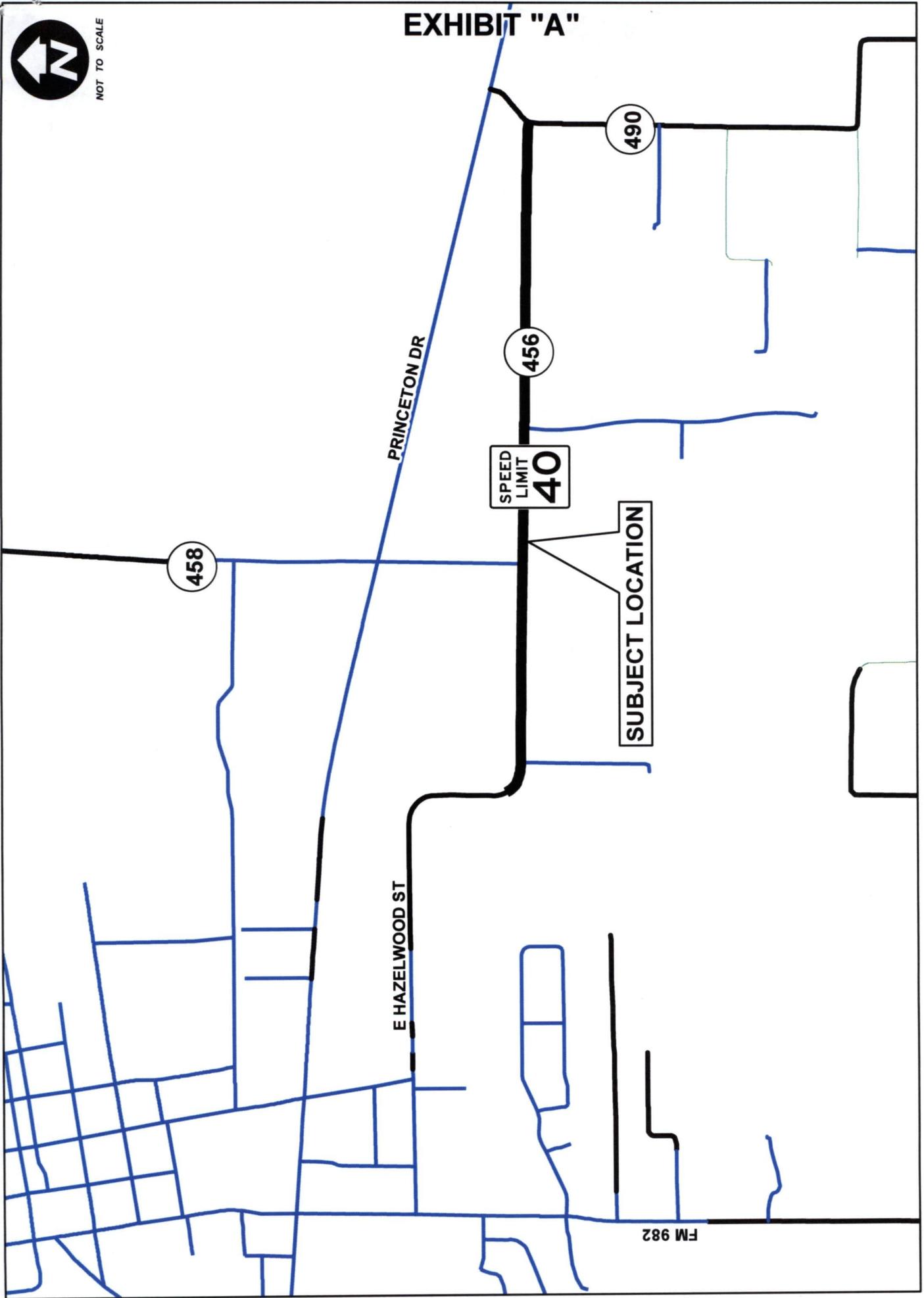
Date: April 29, 2013

Engineer: Tracy Homfeld, P.E., CFM



*Tracy Homfeld, PE
5/16/13*

EXHIBIT "A"



LOCATION MAP CR 456 AKA E. HAZELWOOD ST



Engineering Study Control Device: Stop Sign CR 528

Roadway / Intersection: Intersection of CR 528 with CR 525 AKA Graybill Rd, giving the right-of-way to the north-south traffic on CR 525 AKA Graybill Rd.

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

Existing Traffic Control: CR 528 – 40 MPH Speed Limit

Roadway Width/ Surface Type: CR 528 – 22-feet (2-Lane Asphalt)
CR 525 – 22-feet (2-Lane Asphalt)

Adjoining Land Development: Residential/Pasture

Visibility: Trees along the east side of CR 525 restrict visibility at and prior to the intersection.

Accident History: None have been reported to Public Works Department

Traffic Counts: CR 528 – 80 Cars per Day
CR 525 South of the intersection – 128 Cars per Day
CR 525 North of the intersection – 101 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 Stop Sign be placed on CR 528 at the intersection of CR 525 AKA Graybill Rd, giving the right-of-way to the north-south traffic on CR 525 AKA Graybill Rd.

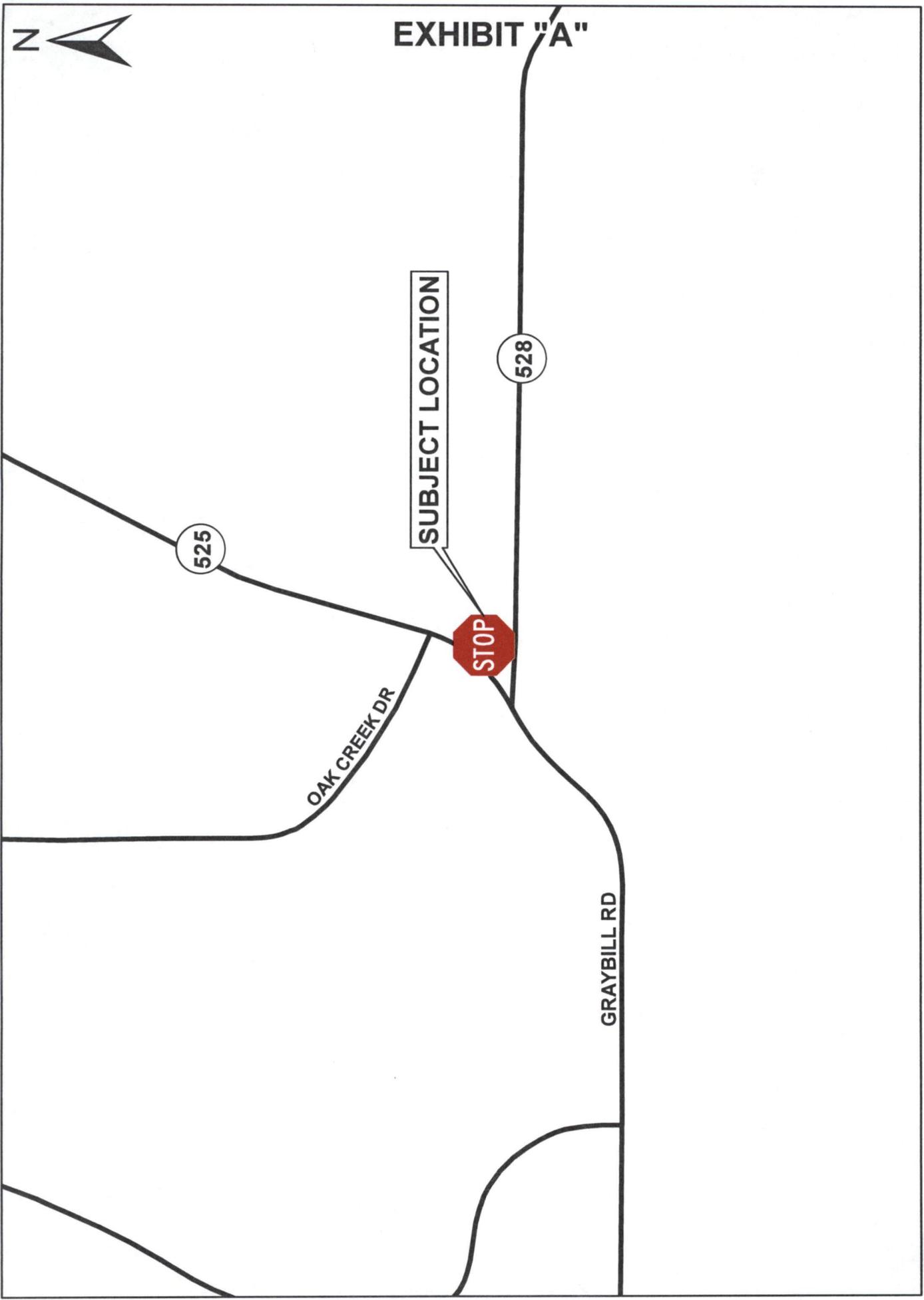
Date: July 11, 2013

Engineer: Tracy Homfeld, PE, CFM



*Tracy Homfeld, PE
7-12-13*

EXHIBIT "A"



LOCATION MAP CR 528 @ CR 525



Engineering Study
Control Device: Stop Sign CR 534

Roadway / Intersection: Intersection of CR 534 with CR 525 AKA Graybill Rd, giving the right-of-way to the north-south traffic on CR 525 AKA Graybill Rd.

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

Existing Traffic Control: CR 534 – 40 MPH Speed Limit

Roadway Width/ Surface Type: CR 534 – 22-feet (2-Lane Asphalt)
CR 525 – 20-feet (2-Lane Asphalt)

Adjoining Land Development: Residential/Pasture

Visibility: Good

Accident History: None have been reported to Public Works Department

Traffic Counts: CR 534 – 23 Cars per Day
CR 525 South of the intersection – 15 Cars per Day
CR 525 North of the intersection – 22 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 Stop Sign be placed on CR 534 at the intersection of CR 525 AKA Graybill Rd, giving the right-of-way to the north-south traffic on CR 525 AKA Graybill Rd.

Date: June 10, 2013

Engineer: Tracy Homfeld, PE, CFM



Tracy Homfeld, PE
7-8-2013

EXHIBIT "A"



COLLIN COUNTY LINE RD

BLACK RD

GRAYSON COUNTY

COLLIN COUNTY



SUBJECT LOCATION

534

525

531



LOCATION MAP CR 534 @ CR 525

Engineering Study Control Device: Speed Limit Signs CR 618

<u>Roadway / Intersection:</u>	County Road 618
<u>Location / Extent:</u>	North of Farmersville (see exhibit "A")
<u>Existing Speed Limit:</u>	35 M.P.H. on west portion of CR 618 (From Hwy 78, 1.4 miles east)
<u>Existing Traffic Control:</u>	Stop sign at the intersection with Hwy 78
<u>Traffic Counts:</u>	190 Cars per day
<u>Roadway Width/ Surface Type:</u>	26-feet (2-Lane Asphalt)
<u>Adjoining Land Development:</u>	Pasture/Residential
<u>Roadway Design Speed:</u>	None
<u>Visibility Along the Roadway:</u>	Limited sight distance due to vertical curves
<u>Accident History:</u>	No speed related accidents have been reported to the Public Works Department
<u>Radar Speed Survey Result</u>	85 th percentile speed is 58 M.P.H.
<u>Other Factors:</u>	CR 618 has recently been upgraded to asphalt and the traffic is expected to increase.
<u>Recommendation:</u>	A 50 M.P.H. Speed Limit is recommended
<u>Date:</u>	June 27, 2013
<u>Engineer:</u>	Tracy Homfeld, P.E., CFM



Tracy Homfeld, PE
7-8-13



NOT TO SCALE

EXHIBIT "A"

HUNT COUNTY
COLLIN COUNTY

SUBJECT LOCATION

SPEED
LIMIT
50

HWY 78

668

622

664

665

618

618

619

703

660

662

702

LOCATION MAP CR 618



Engineering Study
Control Device: Speed Limit Signs Creekside Acres #2

Roadway / Intersection: Mill Road, Stone Trail Circle and Quantum Circle

Location / Extent: Southeast Anna (see exhibit "A")

Existing Speed Limit: 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.

Existing Traffic Control: None

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

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

Adjoining Land Development: Residential

Roadway Design Speed: No specific data available

Visibility Along the Roadway: Good

Accident History: No speed related accidents have been reported to the Public Works Department

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

Other Factors: None

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

Date: June 11, 2013

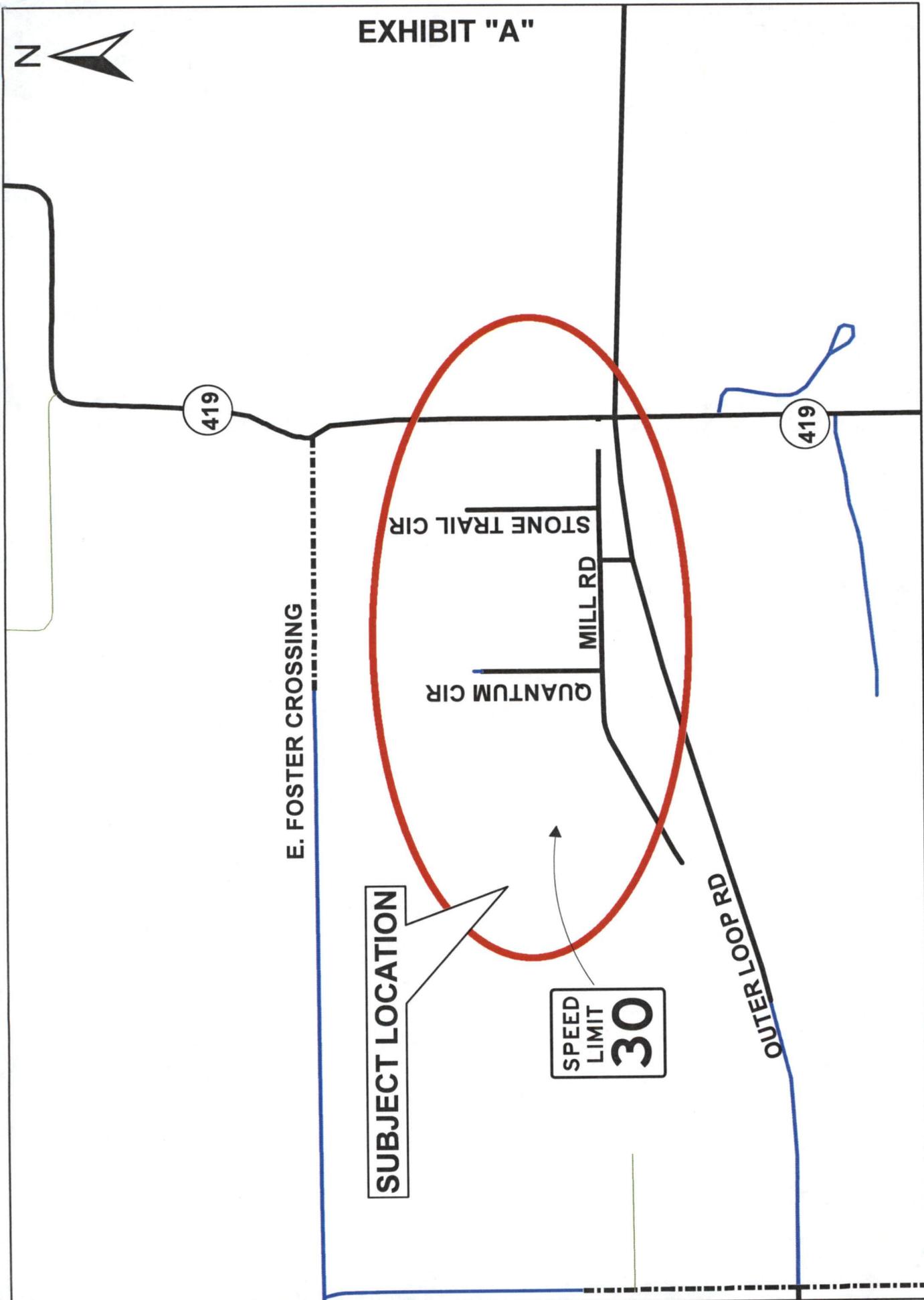
Engineer: Tracy Homfeld, P.E., CFM



*Tracy Homfeld, PE
7-8-2013*



EXHIBIT "A"



SUBJECT LOCATION

SPEED
LIMIT
30

LOCATION MAP CREEKSIDE ACRES #2



Engineering Study
Control Device: Stop signs in Creekside Acres #2

Roadway / Intersection: Stop sign at Quantum Circle with Mill Road
Stop sign at Stone Trail Circle with Mill Road

Location / Extent: Creekside Acres #2, Southeast Anna (see exhibit "A")

Existing Traffic Control: None

Roadway Width/ Surface Type: All roads are 20-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 residential subdivision.

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 Stop Signs be placed at the intersections listed above as shown on the attached "Exhibit A".

Date: June 17, 2013

Engineer: Tracy Homfeld, PE, CFM



*Tracy Homfeld, PE
7-9-2013*

EXHIBIT "A"



419

419

STONE TRAIL CIR



MILL RD

QUANTUM CIR



OUTER LOOP RD

LOCATION MAP CREEKSIDE ACRES #2



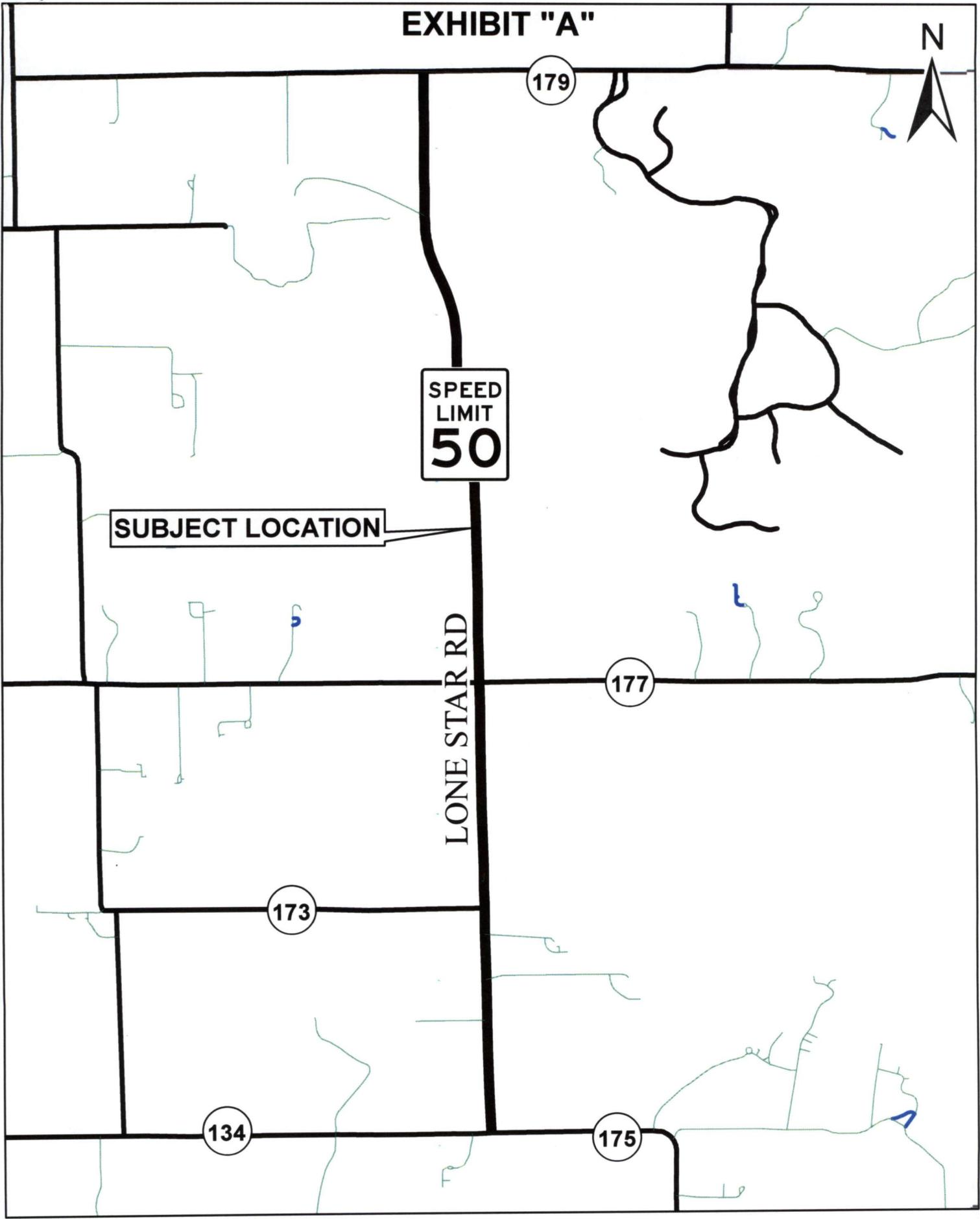
Engineering Study
Control Device: Speed Limit Signs Lone Star Rd.

<u>Roadway / Intersection:</u>	Lone Star Rd. from CR 134/CR 175 intersection north to CR 179
<u>Location / Extent:</u>	North of Weston (see exhibit "A")
<u>Existing Speed Limit:</u>	None
<u>Existing Traffic Control:</u>	Stop sign at the intersection of Lone Star Rd/CR 134 Stop sign at the intersection of Lone Star Rd/CR 179
<u>Traffic Counts:</u>	381 Cars per day
<u>Roadway Width/ Surface Type:</u>	24-feet (2-Lane Asphalt)
<u>Adjoining Land Development:</u>	Pasture/Residential
<u>Roadway Design Speed:</u>	None
<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>	85 th Percentile speed is 55 M.P.H.
<u>Other Factors:</u>	None
<u>Recommendation:</u>	A 50 M.P.H. Speed Limit is recommended
<u>Date:</u>	June 10, 2013
<u>Engineer:</u>	Tracy Homfeld, P.E., CFM



*Tracy Homfeld, PE
7-8-13*

EXHIBIT "A"



LOCATION MAP LONE STAR RD



Engineering Study
Control Device: Speed Limit Signs Sheffield Farms

Roadway / Intersection: Sheffield Dr, Brook Ln and Glenwood Ln

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

Existing Speed Limit: 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.

Existing Traffic Control: None

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

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

Adjoining Land Development: Residential

Roadway Design Speed: No specific data available

Visibility Along the Roadway: Good

Accident History: No speed related accidents have been reported to the Public Works Department

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

Other Factors: None

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

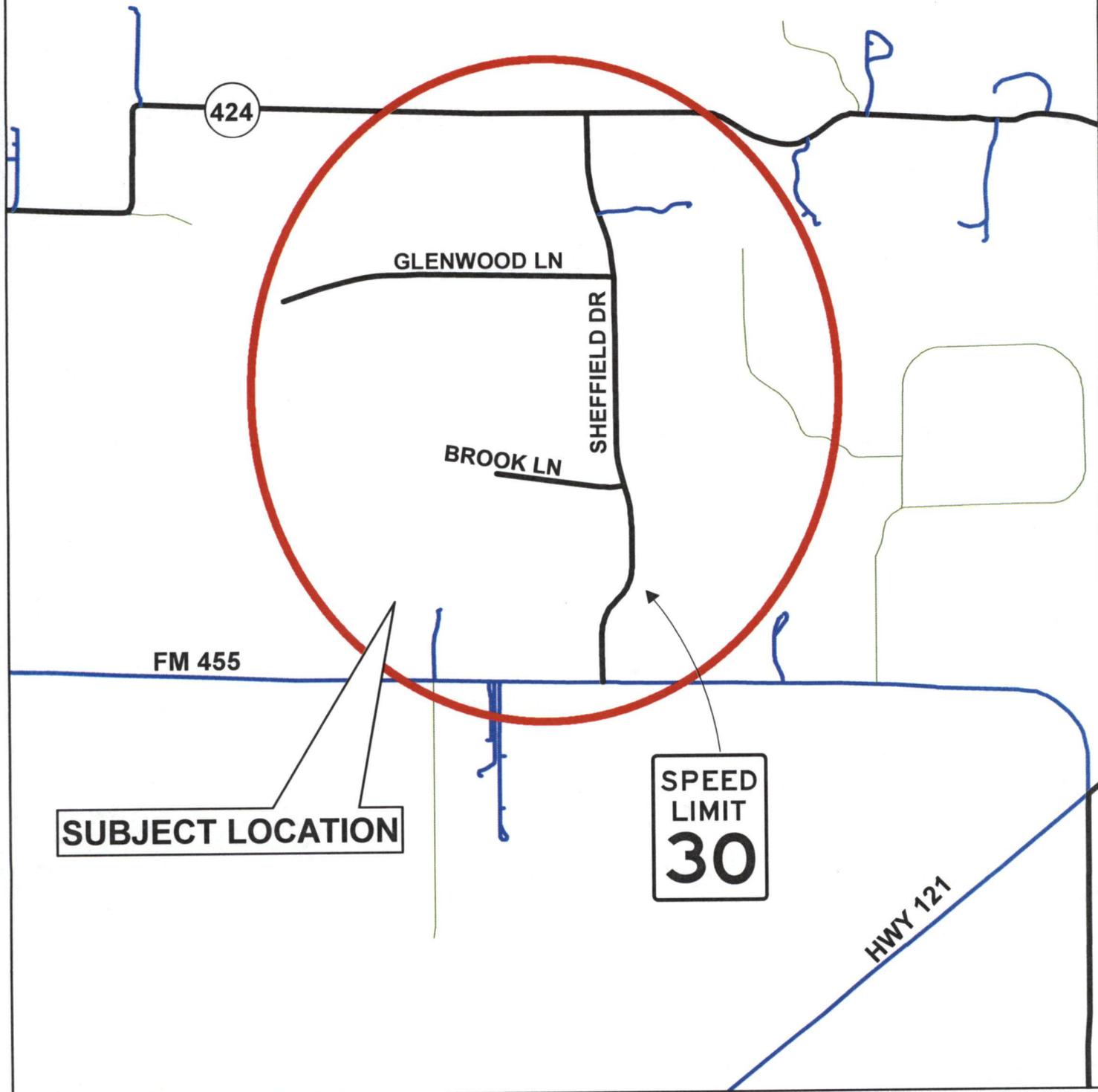
Date: June 28, 2013

Engineer: Tracy Homfeld, P.E., CFM



*Tracy Homfeld, PE
7-8-13*

EXHIBIT "A"



LOCATION MAP SHEFFIELD FARMS

Engineering Study

Control Device: Stop signs in Sheffield Farms

Roadway / Intersection: Stop sign at Sheffield Dr with CR 424
Stop sign at Brook Ln with Sheffield Dr
Stop sign at Glenwood Ln with Sheffield Dr

Location / Extent: Sheffield Farms, East Anna (see exhibit "A")

Existing Traffic Control: Stop sign at Sheffield Dr with FM 455

Roadway Width/ Surface Type: All roads are 22-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 residential subdivision.

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 Stop Signs be placed at the intersections listed above as shown on the attached "Exhibit A".

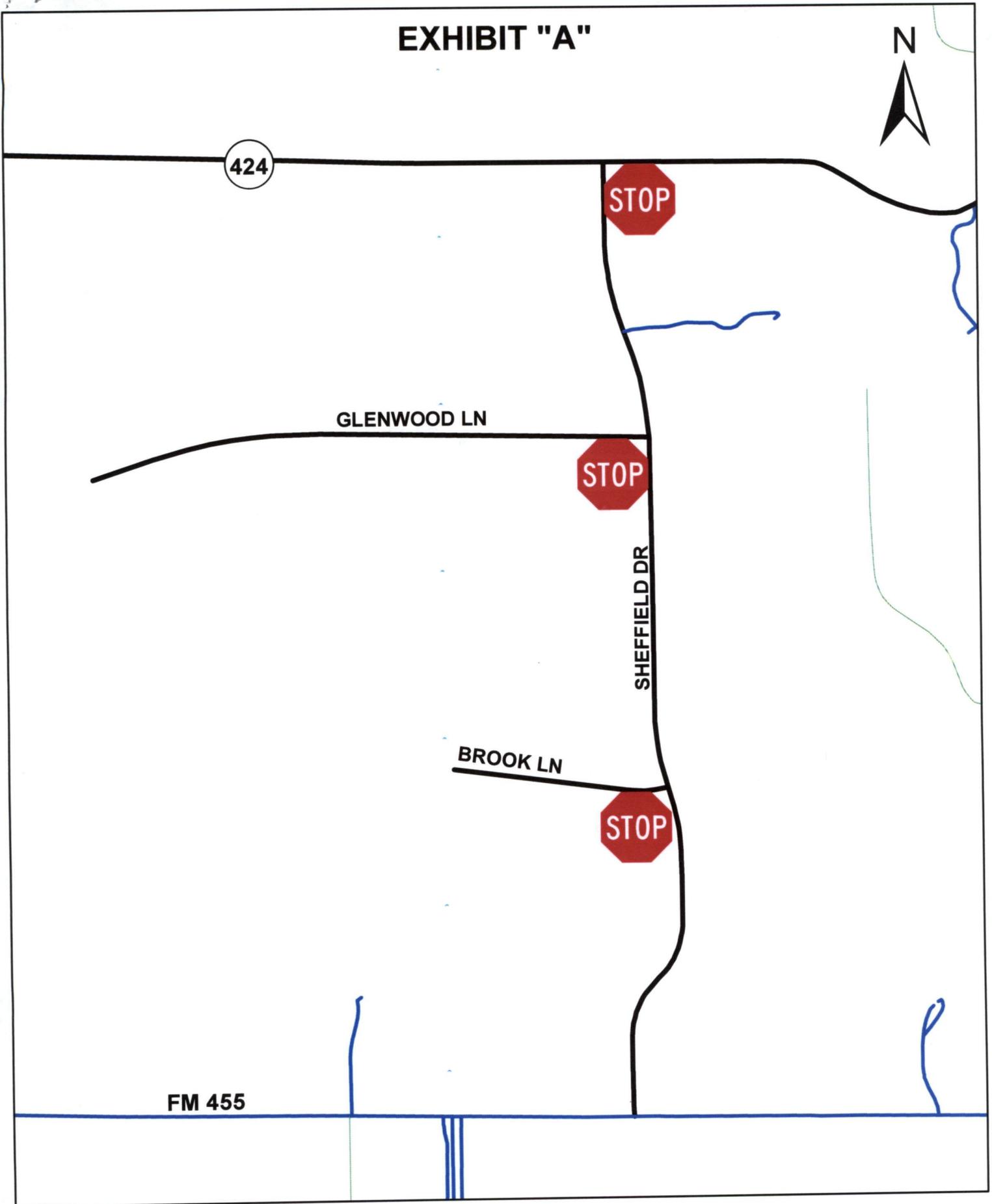
Date: June 28, 2013

Engineer: Tracy Homfeld, PE, CFM



*Tracy Homfeld, PE
7-8-13*

EXHIBIT "A"



LOCATION MAP SHEFFIELD FARMS

Engineering Study
Control Device: Speed Limit Signs Tower Estates

<u>Roadway / Intersection:</u>	Tower Circle
<u>Location / Extent:</u>	South of Farmersville (see exhibit "A")
<u>Existing Speed Limit:</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>Existing Traffic Control:</u>	None
<u>Traffic Counts:</u>	None taken as these roads lie within a residential subdivision.
<u>Roadway Width/ Surface Type:</u>	20-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 residential subdivision
<u>Other Factors:</u>	None
<u>Recommendation:</u>	A 30 M.P.H. Speed Limit is recommended
<u>Date:</u>	June 11, 2013
<u>Engineer:</u>	Tracy Homfeld, P.E., CFM

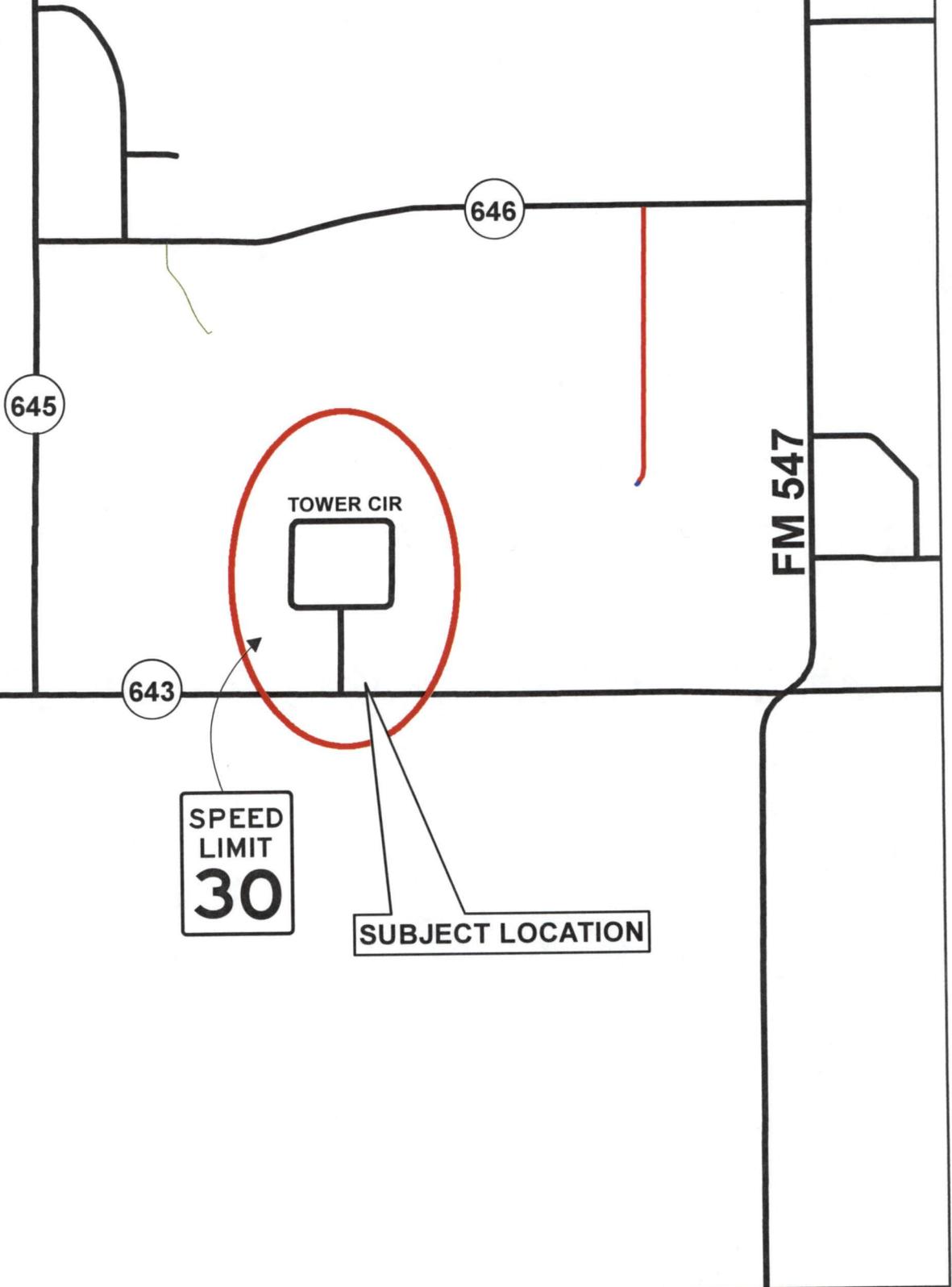


*Tracy Homfeld, PE
7-8-2013*



NOT TO SCALE

EXHIBIT "A"



LOCATION MAP TOWER ESTATES

Engineering Study
Control Device: Stop and Yield signs in Tower Estates

Roadway / Intersection: Stop sign at Tower Circle with County Road 643
Yield signs at Tower Circle with Tower Circle

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

Existing Traffic Control: None

Roadway Width/ Surface Type: All roads are 20-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 residential subdivision.

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 and yield signs be placed at the intersections listed above as shown on the attached "Exhibit A".

Date: June 17, 2013

Engineer: Tracy Homfeld, PE, CFM



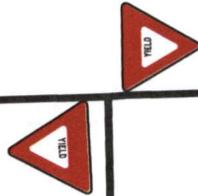
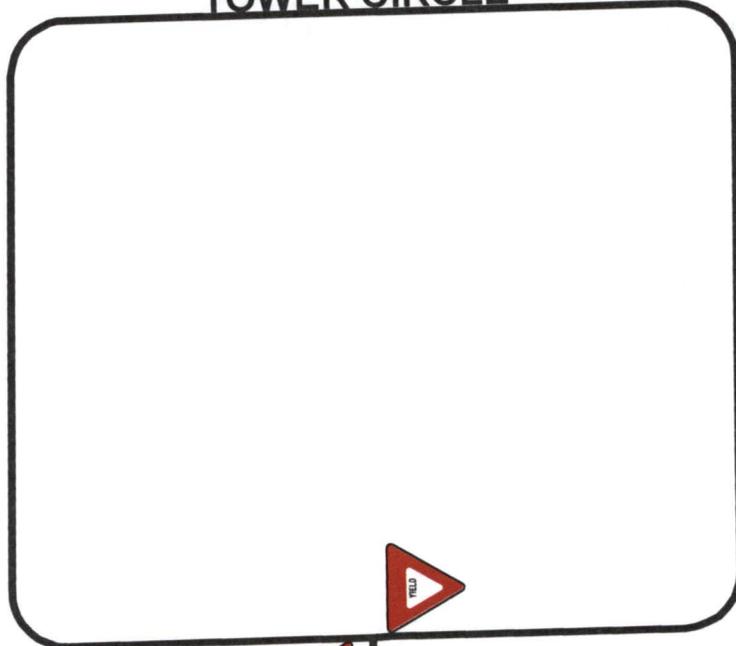
*Tracy Homfeld, PE
7-8-2013*



NOT TO SCALE

EXHIBIT "A"

TOWER CIRCLE



TOWER CIRCLE



643



LOCATION MAP TOWER ESTATES

Engineering Study Control Device: Stop Sign Troy Rd.

Roadway / Intersection: Intersection of Troy Rd with Bozman Rd, giving the right-of-way to the east-west traffic on Bozman Rd.

Location / Extent: Southeast Wylie (see exhibit "A")

Existing Traffic Control: Bozman Rd. 35 MPH

Roadway Width/ Surface Type: Troy Rd – 20-feet (2-Lane Asphalt)
Bozman Rd – 20-feet (2-Lane Asphalt)

Adjoining Land Development: Residential/Pasture

Visibility: Fencing along the west side of Troy Rd restricts visibility prior to and at intersection.

Accident History: None have been reported to Public Works Department

Traffic Counts: Troy Rd – 668 Cars per Day
Bozman Rd West of the intersection – 299 Cars per Day
Bozman Rd East of the intersection – 392 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: Resident requested due to near accidents.

Recommendation: It is recommended that Stop Sign be placed on Troy Rd at the intersection of Bozman Rd, giving the right-of-way to the east-west traffic on Bozman Rd.

Date: June 10, 2013

Engineer: Tracy Homfeld, PE, CFM



Tracy Homfeld PE
7-8-13

EXHIBIT "A"



SUBJECT LOCATION



BOZMAN RD

TROY RD

BEAVER CREEK RD

WESTLAKE DR

COUNTRY MEADOW LN

TROY RD



LOCATION MAP TROY RD @ BOZMAN RD