

Engineering Study
Control Device: Speed Limit Signs CR 206

Roadway / Intersection: County Road 206

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

Existing Speed Limit: None

Existing Traffic Control: Stop Signs at the intersections with FM 543

Traffic Counts: 192 Cars per day

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

Adjoining Land Development: Pasture/Residential/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 85th percentile speed is 42 MPH

Other Factors: CR 498 has recently been upgraded to asphalt and the traffic is expected to increase.

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

Date: October 1, 2012

Engineer: Tracy Homfeld, PE, CFM

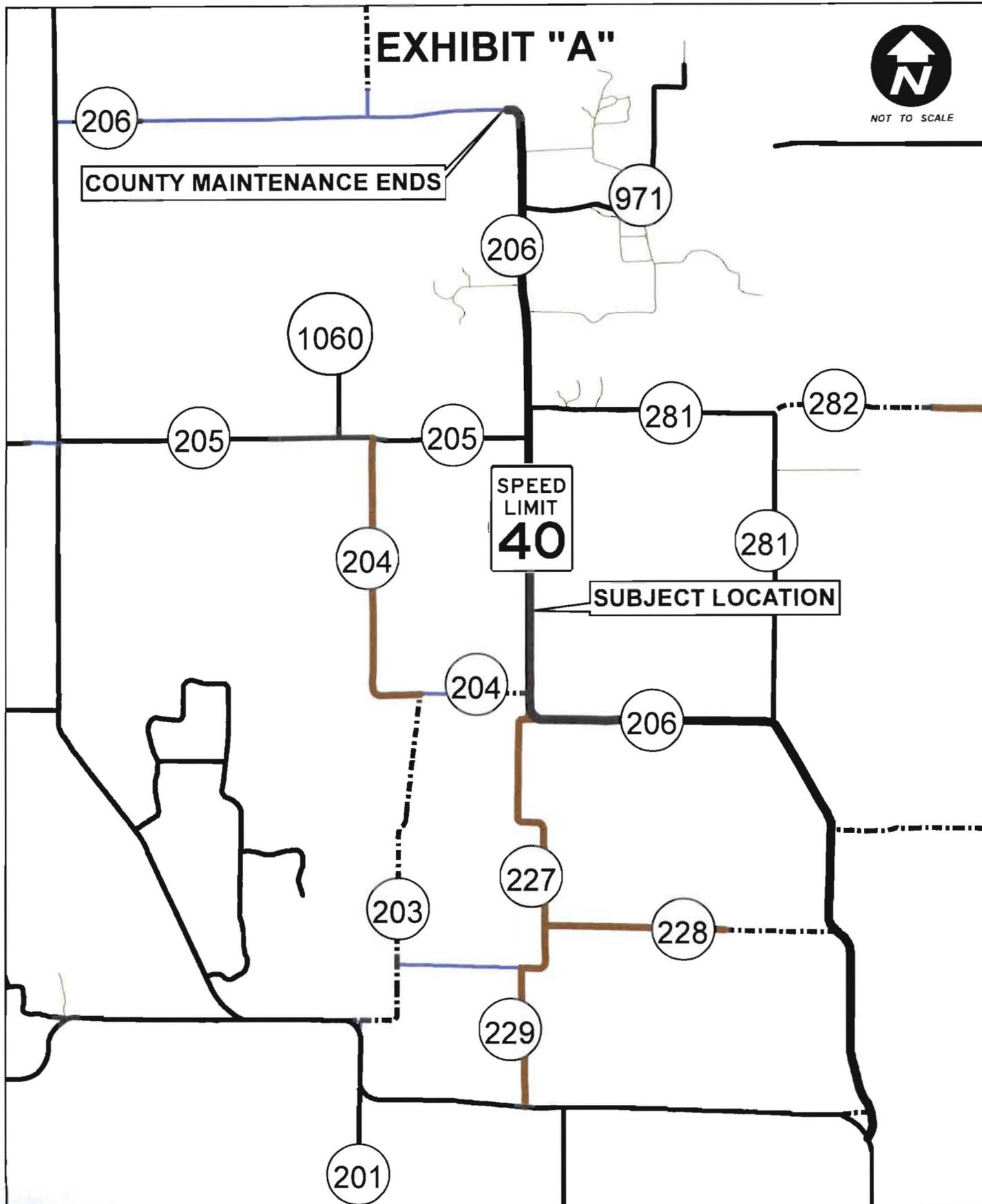


*Tracy Homfeld, PE
10/11/12*

EXHIBIT "A"



NOT TO SCALE



LOCATION MAP CR 206

Engineering Study
Control Device: Speed Limit Signs CR 588

Roadway / Intersection: County Road 588 and a portion of Birch ST, fka CR 588

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

Existing Speed Limit: None

Existing Traffic Control: Stop Sign at the intersection with FM 1138

Traffic Counts: 70 Cars per day

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

Adjoining Land Development: Pasture/Residential/Agricultural

Roadway Design Speed: None

Visibility Along the Roadway: Good

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

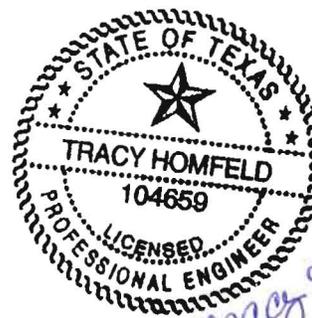
Radar Speed Survey Result Unable to obtain due to limited traffic at the time of the survey

Other Factors: CR 588 has recently been upgraded to asphalt and the traffic is expected to increase.

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

Date: September 11, 2012

Engineer: Tracy Homfeld, PE, CFM.



Tracy Homfeld, PE
10/11/12

Engineering Study
Control Device: Speed Limit Signs Rolling Meadows ESTS

Roadway / Intersection: Rolling Meadows Estates

Location / Extent: Southeast of Celina (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 an urban district speed limit to be 30 MPH. No signs have been posted along the roadways.

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

Existing Traffic Control: Stop Sign at the intersection of Meadow LN and FM2478

Roadway Width/ Surface Type: Coastal DR, Meadow LN, Sparrow PT, Swallow CT and Lark CIR – 24-feet (2-Lane Concrete)

Adjoining Land Development: Residential

Visibility Along the Roadway: Good

Roadway Design Speed No specific data available

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: A resident has requested Speed Limit Signs to be posted

Recommendation: A 25 M.P.H. Speed Limit is recommended

Date: July 16, 2012

Engineer: Tracy Homfeld, PE, CFM



Tracy Homfeld, PE
10/11/12

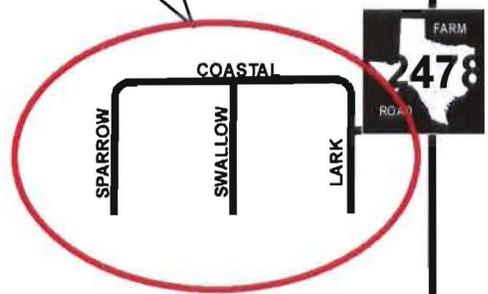


NOT TO SCALE

EXHIBIT "A"

TWIN MALLETS LN

SUBJECT LOCATION



FRONTIER PKWY



LOCATION MAP ROLLING MEADOWS ESTATES

Engineering Study

Control Device: Stop Sign CR 585

Roadway / Intersection: Intersection of CR 585 with CR 534, giving the right-of-way to the east-west traffic on CR 534.

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

Existing Traffic Control: None

Roadway Width/ Surface Type: CR 585 – 22-feet (2-Lane Asphalt)
CR 534 – 22-feet (2-Lane Asphalt)

Adjoining Land Development: Pasture/Agricultural

Visibility: Good

Accident History: None have been reported to Public Works Department

Traffic Counts: CR 585 – 48 Cars per Day
CR 534 West of the intersection – 23 Cars per Day
CR 534 East of the intersection – 2 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: County Road 585 was recently upgraded to asphalt and the traffic is expected to increase.

Recommendation: It is recommended that a Stop Sign be placed on CR 585 at the intersection of CR 534, giving the right-of-way to the east-west traffic on CR 534.

Date: September 28, 2012

Engineer: Tracy Homfeld, PE, CFM



Tracy Homfeld, PE
10/11/12



NOT TO SCALE

EXHIBIT "A"

DURHAM RD

585

SUBJECT LOCATION



GRAYSON COUNTY

COLLIN COUNTY

534

TERRACE TRL



LOCATION MAP CR 585

Engineering Study
Control Device: Speed Limit Signs CR 534

Roadway / Intersection: County Road 534

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

Existing Speed Limit: None

Existing Traffic Control: Stop Sign at the intersection with ST HWY 160

Traffic Counts: 25 Cars per day

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

Adjoining Land Development: Pasture/Residential/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 534 has recently been upgraded to asphalt and the traffic is expected to increase.

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

Date: July 27, 2012

Engineer: Tracy Homfeld, PE, CFM.



Tracy Homfeld, PE
10/11/12

EXHIBIT "A"



GRAYSON COUNTY

GRAYSON COUNTY
MAINTAINED
ASPHALT

585

534

SPEED
LIMIT
40

534

1202

COLLIN COUNTY

Pilot Grove
Creek

SUBJECT LOCATION

MOUNT CARMEL
††

584

MOUNT CARMEL
††

525

584

BROWNING
††

936

529

582

121
TEXAS

78
TEXAS

528

579

526

527

581

579

577

583



LOCATION MAP CR 534

Engineering Study
Control Device: Speed Limit Signs CR 530

Roadway / Intersection: County Road 530

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

Existing Speed Limit: None

Existing Traffic Control: Stop Sign at the intersection with FM 3133

Traffic Counts: 79 Cars per day

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

Adjoining Land Development: Pasture/Residential/Agricultural

Roadway Design Speed: None

Visibility Along the Roadway: Good

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

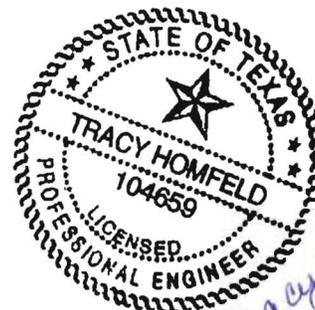
Radar Speed Survey Result Unable to obtain due to limited traffic at the time of the survey

Other Factors: CR 530 has recently been upgraded to asphalt and the traffic is expected to increase.

Recommendation: A 35 M.P.H. Speed Limit is recommended

Date: September 11, 2012

Engineer: Tracy Homfeld, PE, CFM.



*Tracy Homfeld, PE
10/11/12*

EXHIBIT "A"



531

SUBJECT LOCATION



525

SPEED
LIMIT
35

530

529

STERLING DR

GRAYBILL RD



LOCATION MAP CR 530

Engineering Study

Control Device: Stop Sign CR 530

Roadway / Intersection: Intersection of CR 530 with CR 525, giving the right-of-way to the north-south traffic on CR 525.

Location / Extent: North of Westminster (see Exhibit "A")

Existing Traffic Control: None

Roadway Width/ Surface Type: CR 530 – 20-feet (2-Lane Asphalt)
CR 525 – 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 530 – 39 Cars per Day
CR 525 North of the intersection – 52 Cars per Day
CR 525 South of the intersection – 85 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: County Road 530 was recently upgraded to asphalt and the traffic is expected to increase.

Recommendation: It is recommended that a Stop Sign be placed on CR 530 at the intersection of CR 525, giving the right-of-way to the north-south traffic on CR 525.

Date: September 28, 2012

Engineer: Tracy Homfeld, PE, CFM



*Tracy Homfeld, PE
10/11/12*

EXHIBIT "A"



531



525

530



SUBJECT LOCATION

529

STERLING DR

GRAYBILL RD



LOCATION MAP CR 530

Engineering Study
Control Device: Speed Limit Signs CR 512

Roadway / Intersection: County Road 512

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

Existing Speed Limit: None

Existing Traffic Control: Stop Sign at the intersection with FM 2862

Traffic Counts: 128 Cars per day

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

Adjoining Land Development: Pasture/Residential/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 512 has recently been upgraded to asphalt and the traffic is expected to increase.

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

Date: July 27, 2012

Engineer: Tracy Homfeld, PE, CFM

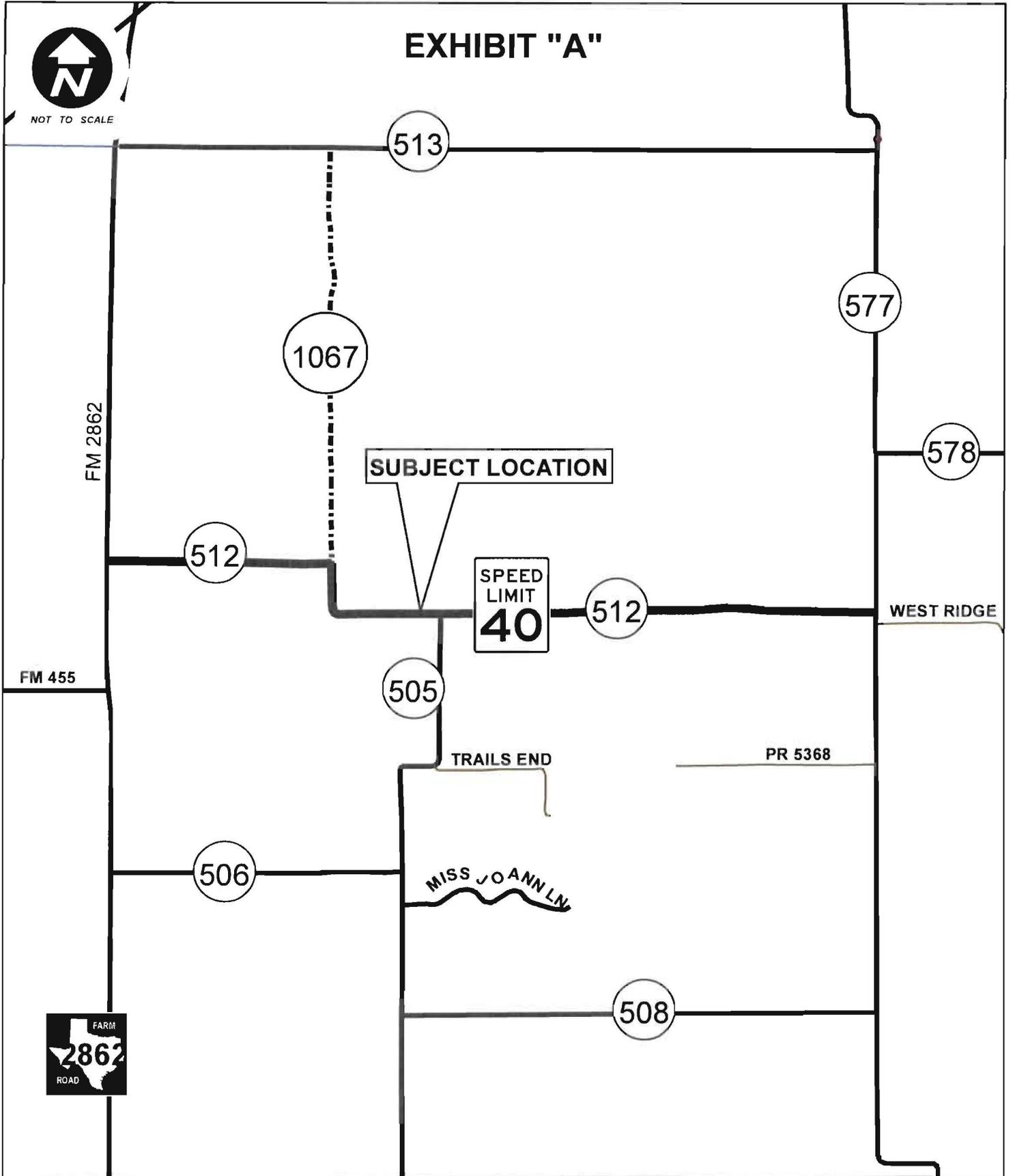


*Tracy Homfeld, PE
7/27/12*

EXHIBIT "A"



NOT TO SCALE



LOCATION MAP CR 512

Engineering Study

Control Device: Stop Sign CR 512

Roadway / Intersection: Intersection of CR 512 with CR 577, giving the right-of-way to the north-south traffic on CR 577.

Location / Extent: Northwest of Blue Ridge (see Exhibit "A")

Existing Traffic Control: Stop Sign at the intersection with FM 2862

Roadway Width/ Surface Type: CR 512 – 24-feet (2-Lane Asphalt)
CR 577 – 24-feet (2-Lane Asphalt)

Adjoining Land Development: Pasture/Residential/Agriculture

Visibility: Good

Accident History: None have been reported to Public Works Department

Traffic Counts: CR 512 – 128 Cars per Day
CR 577 North of the intersection – 213 Cars per Day
CR 577 South of the intersection – 85 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: County Road 512 was recently upgraded to asphalt and the traffic is expected to increase.

Recommendation: It is recommended that a Stop Sign be placed on CR 512 at the intersection with CR 577, giving the right-of-way to the north-south traffic on CR 577.

Date: July 27, 2012

Engineer: Tracy Homfeld, PE, CFM



*Tracy Homfeld, PE
10/11/12*



NOT TO SCALE

EXHIBIT "A"

577

578

512

STOP

WEST RIDGE

SUBJECT LOCATION

PR 5368



LOCATION MAP CR 512

Engineering Study
Control Device: No Parking Signs CR 491

Roadway: County Road 491 South end cul-de-sac

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

Existing Traffic Control: Speed Limit 35 MPH

Roadway Width/ Surface Type: CR 491 – 22-feet (2-Lane Asphalt)

Adjoining Land Development: Pasture/Residential/Agricultural

Visibility Along the Roadway: Good

Accident History: None have been reported to Public Works Department

Other Factors: The resident that donated the cul-de-sac right of way easement has requested No Parking Signs on the cul-de-sac adjacent to Corps of Engineers land.

Recommendation: It is recommended that No Parking Signs be placed at the South end of CR 491

Date: September 28, 2012

Engineer: Tracy Homfeld, PE, CFM



*Tracy Homfeld, PE
10/11/12*

EXHIBIT "A"

PRINCETON DR
AKA US HWY 380



FLOWER TR

490

ER RIDGE

491

490

491

SUBJECT
LOCATION

NO
PARKING

1114

PR 5510



LOCATION MAP CR 491

Engineering Study Control Device: Speed Limit Signs CR 441

<u>Roadway / Intersection:</u>	County Road 441
<u>Location / Extent:</u>	South of Princeton (see exhibit "A")
<u>Existing Speed Limit:</u>	None
<u>Existing Traffic Control:</u>	None
<u>Traffic Counts:</u>	48 Cars per day
<u>Roadway Width/ Surface Type:</u>	24-feet (2-Lane Asphalt)
<u>Adjoining Land Development:</u>	Pasture/Residential/Agricultural
<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 441 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>	July 27, 2012
<u>Engineer:</u>	Tracy Homfeld, PE, CFM



*Tracy Homfeld, PE
10/11/12*

Engineering Study Control Device: Stop Signs CR 441

Roadway / Intersection: Intersections of CR 441 with CR 439 and CR 442, giving the right-of-way to the east-west traffic on CR 439 and CR 442.

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

Existing Traffic Control: None

Roadway Width/ Surface Type: CR 441 – 24-feet (2-Lane Asphalt)
CR 439 – 20-feet (2-Lane Asphalt)
CR 442 – 20-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 441 – 48 Cars per Day
CR 439 West of the intersection – 7 Cars per Day
CR 439 East of the intersection – 14 Cars per Day
CR 442 West of the intersection – 185 Cars per Day
CR 442 East of the intersection – 164 Cars per Day

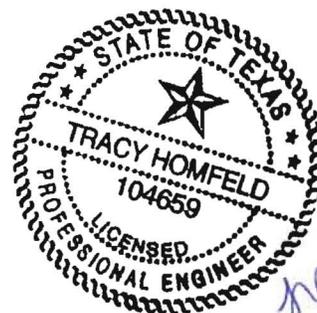
Application for Stop Sign: A Stop sign is warranted by Section 2B.04, P3, Article A of the 2011 Texas Manual on Uniform Traffic Control Devices.

Other Factors: County Road 441 was recently upgraded to asphalt and the traffic is expected to increase.

Recommendation: It is recommended that Stop Signs be placed on CR 441 at the intersection of CR 439 and CR 442, giving the right-of-way to the east-west traffic on CR 439 and CR 442.

Date: September 28, 2012

Engineer: Tracy Homfeld, PE, CFM



Tracy Homfeld
10/11/12

EXHIBIT "A"



NOT TO SCALE

1102

442



SUBJECT LOCATION

SHADY HILL CIRCLE

WILDERNESS TRL



COUNTRYVIEW TRL

441

SUBJECT LOCATION



439



LOCATION MAP CR 441

Engineering Study

Control Device: Stop Sign CR 412

Roadway / Intersection: Intersection of CR 412 with CR 471, giving the right-of-way to the east-west traffic on CR 471.

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

Existing Traffic Control: Stop Sign at the intersection with FM 2933
40 MPH from FM 2933 east to CR 469

Roadway Width/ Surface Type: CR 412 – 24-feet (2-Lane Asphalt)
CR 471 – 22-feet (2-Lane Asphalt)

Adjoining Land Development: Pasture/Agricultural

Visibility: Good

Accident History: None have been reported to Public Works Department

Traffic Counts: CR 412 – 125 Cars per Day
CR 471 West of the intersection – 49 Cars per Day
CR 471 East of the intersection – 116 Cars per Day

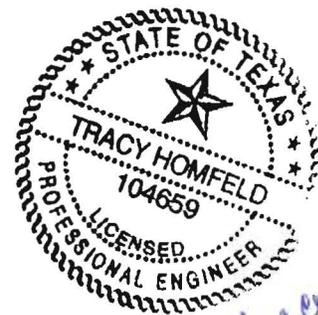
Application for Stop Sign: A Stop sign is warranted by Section 2B.04, P3, Article A of the 2011 Texas Manual on Uniform Traffic Control Devices.

Other Factors: County Road 412 was recently upgraded to asphalt and the traffic is expected to increase.

Recommendation: It is recommended that Stop Sign be placed on CR 412 at the intersection of CR 471, giving the right-of-way to the east-west traffic on CR 471.

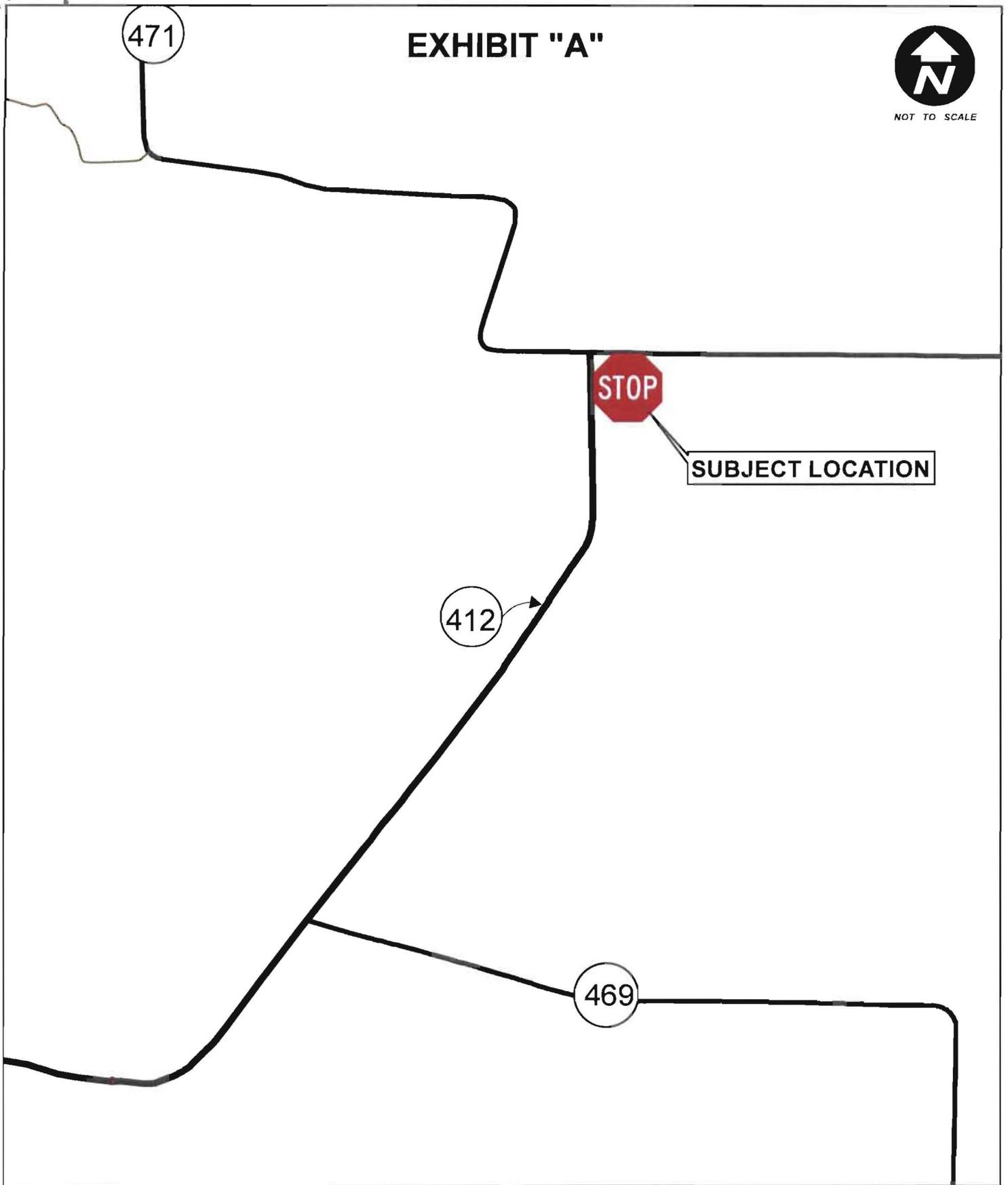
Date: October 8, 2012

Engineer: Tracy Homfeld, PE, CFM



*Tracy Homfeld, PE
10/11/12*

EXHIBIT "A"



LOCATION MAP CR 412

Engineering Study Control Device: Speed Limit Signs CR 412

Roadway / Intersection: County Road 412

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

Existing Speed Limit: 40 MPH from FM 2933 east to CR 469

Existing Traffic Control: Stop Sign at the intersection with FM 2933

Traffic Counts: 125 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 412, from CR 469 north to CR 471, has recently been upgraded to asphalt and the traffic is expected to increase.

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

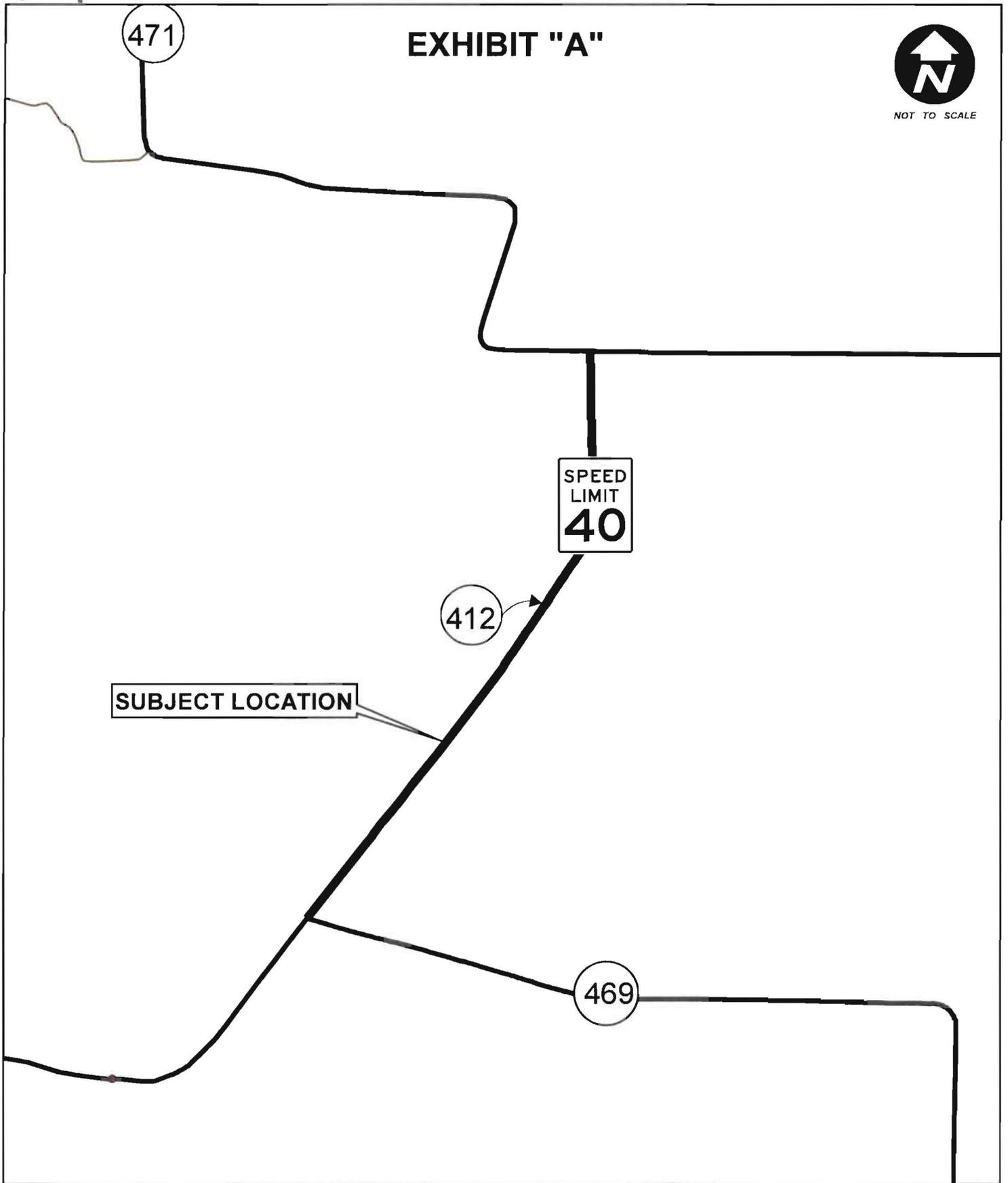
Date: October 1, 2012

Engineer: Tracy Homfeld, PE, CFM



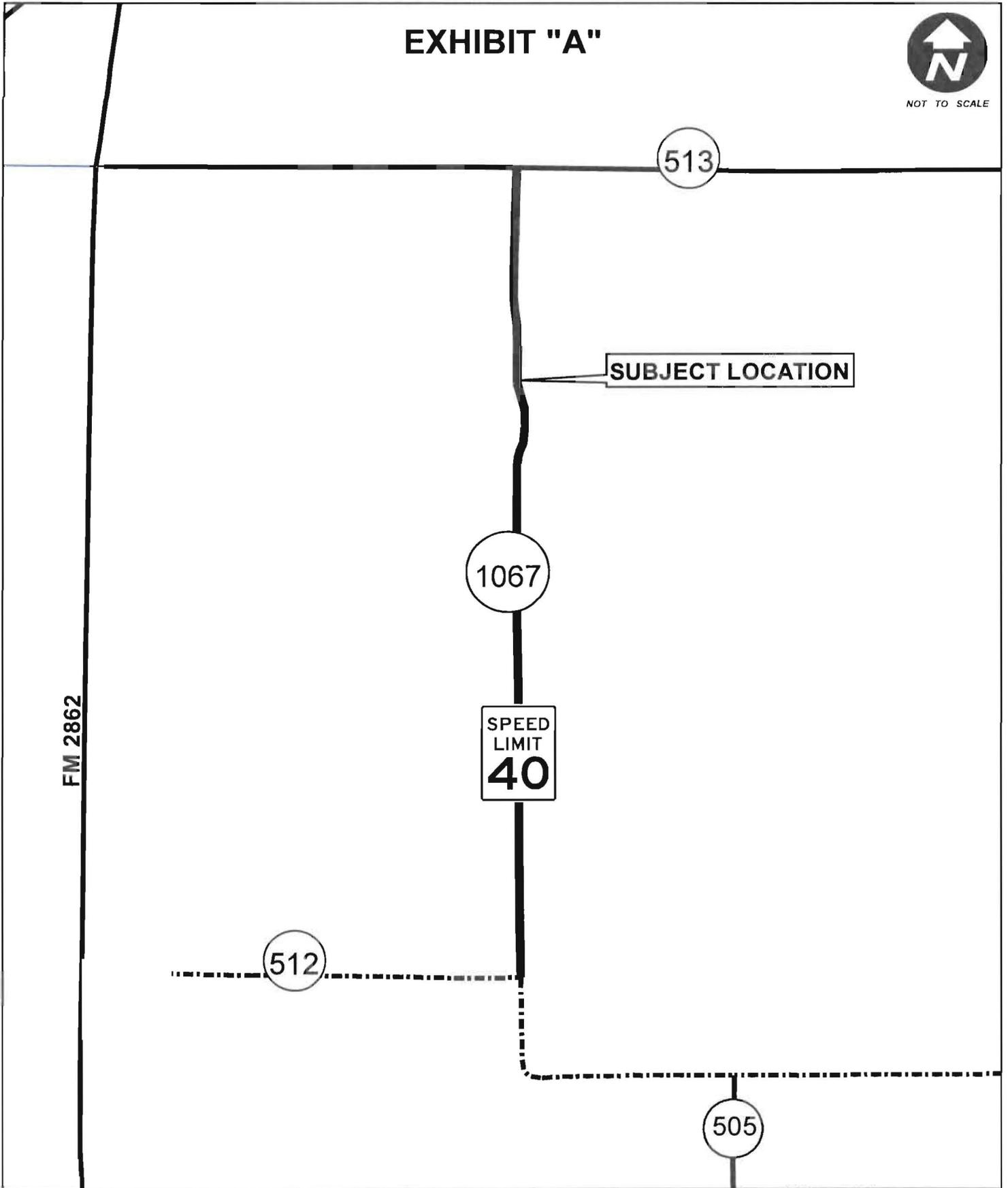
*Tracy Homfeld, PE
10/11/12*

EXHIBIT "A"



LOCATION MAP CR 412

EXHIBIT "A"



LOCATION MAP CR 1067

Engineering Study
Control Device: Speed Limit Signs CR 1067

Roadway / Intersection: County Road 1067

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

Existing Speed Limit: None

Existing Traffic Control: None

Traffic Counts: 18 Cars per day

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

Adjoining Land Development: Pasture/Residential/Agricultural

Roadway Design Speed: None

Visibility Along the Roadway: Good

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

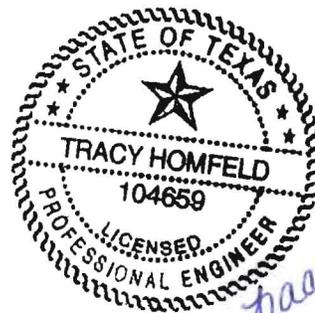
Radar Speed Survey Result Unable to obtain due to limited traffic at the time of the survey

Other Factors: CR 1067 has recently been upgraded to asphalt and the traffic is expected to increase.

Recommendation: A 35 M.P.H. Speed Limit is recommended

Date: September 12, 2012

Engineer: Tracy Homfeld, PE, CFM



Tracy Homfeld, PE
10/11/12

Engineering Study

Control Device: Stop Sign CR 1067

Roadway / Intersection: Intersection of CR 1067 with CR 513, giving the right-of-way to the east-west traffic on CR 513.

Location / Extent: Southwest of Westminster (see Exhibit "A")

Existing Traffic Control: None

Roadway Width/ Surface Type: CR 1067 – 24-feet (2-Lane Asphalt)
CR 513 – 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 1067 – 15 Cars per Day
CR 513 West of the intersection – 273 Cars per Day
CR 513 East of the intersection – 173 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: County Road 1067 was recently upgraded to asphalt and the traffic is expected to increase.

Recommendation: It is recommended that a Stop Sign be placed on CR 1067 at the intersection of CR 513, giving the right-of-way to the east-west traffic on CR 513.

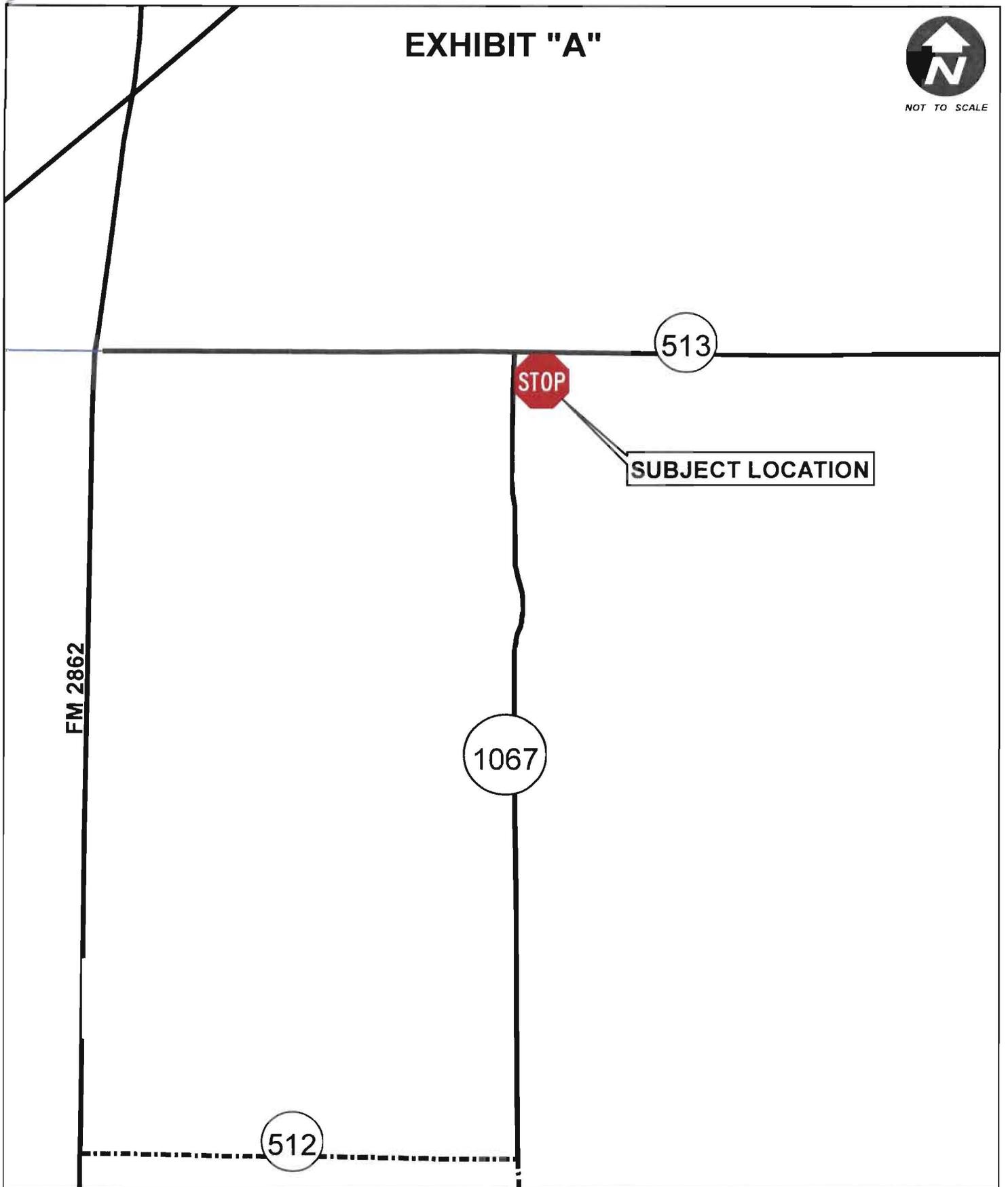
Date: September 28, 2012

Engineer: Tracy Homfeld, PE, CFM



Tracy Homfeld, PE
10/11/12

EXHIBIT "A"



LOCATION MAP CR 1067

Engineering Study Control Device: Stop Sign CR 552

Roadway / Intersection: Four-way intersection of CR 552 with CR 550 and CR 1049.

Location / Extent: Southwest of Farmersville (see Exhibit "A")

Existing Traffic Control: Stop signs on both sides of CR 550 and CR 1049 at this intersection. 40 MPH speed limits on CR 550 and CR 552.

Roadway Width/ Surface Type: CR 552 – 24-feet (2-Lane Asphalt)
CR 550 – 24-feet (2-Lane Asphalt)

Adjoining Land Development: Pasture/Residential

Visibility: Trees along the east side of CR 550 in the prescriptive right-of-way restrict visibility at and prior to the intersection.

Accident History: Several near misses have been reported to the Public Works Department.

Traffic Counts: CR 552 – 438 Cars per Day
CR 550 North of the intersection – 40 Cars per Day
CR 550 South of the intersection – 61 Cars per Day
CR 1049 West of the intersection – 226 Cars per Day
CR 1049 East of the intersection – 212 Cars per Day

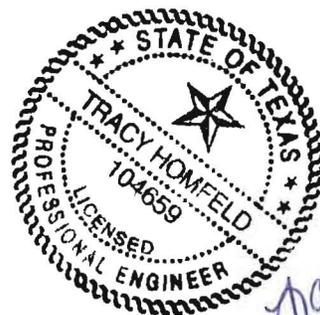
Application for Stop Sign: A Stop sign is warranted by Section 2B.04, P3, Article A of the 2011 Texas Manual on Uniform Traffic Control Devices.

Other Factors: None

Recommendation: It is recommended that a Stop Sign be placed on CR 552 at the intersection of CR 550 and CR 1049.

Date: October 15, 2012

Engineer: Tracy Homfeld, PE, CFM



*Tracy Homfeld, PE
10/14/2012*

EXHIBIT "A"



NOT TO SCALE

1047

1063

1048

1049



SUBJECT LOCATION

552

550

1050

1050



LOCATION MAP CR 552