

Engineering Study
Control Device: Speed Limit Signs CR 285

Roadway / Intersection: County Road 285

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

Existing Speed Limit: None

Existing Traffic Control: Yield Signs on CR 285 at Cowan Rd

Traffic Counts: 129 Cars per day

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

Adjoining Land Development: Residential/Pasture

Roadway Design Speed: None

Visibility Along the Roadway: Good

Accident History: No speed related accidents reported to Public Works

Radar Speed Survey Result 85th percentile is 38 MPH

Other Factors: None

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

Date: December 3, 2021

Engineer: Mark Hines, P.E.



Mark F. Hines
12/03/21

EXHIBIT "A"



COWAN RD

827

285

SPEED
LIMIT
40

SUBJECT LOCATION

827



LOCATION MAP CR 285

Engineering Study
Control Device: Stop Sign CR 285

Roadway / Intersection: Intersection of CR 285 (south) with Cowan Rd (east and west)

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

Existing Traffic Control: Yield sign on CR 285 at Cowan Rd

Roadway Width/ Surface Type: CR 285 – 21-feet (2-Lane Asphalt)
Cowan Rd West of intersection – 24-feet (2-Lane Asphalt)
Cowan Rd East of intersection – 24-feet (2-Lane Asphalt)

Adjoining Land Development: Residential/Pasture

Visibility: Good

Accident History: None have been reported to Public Works Department

Traffic Counts: CR 285 – 129 Cars per Day
Cowan Rd West of the intersection – 1,011 Cars per Day
Cowan Rd East of the intersection – 966 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 the yield sign be removed and a Stop Sign be placed on CR 285 at its intersection with Cowan Rd.

Date: December 3, 2021

Engineer: Mark Hines, P.E.



[Handwritten Signature]
12/6/21

EXHIBIT "A"



COWAN RD



SUBJECT LOCATION

827

285



LOCATION MAP CR 285

Engineering Study
Control Device: Speed Limit Signs CR 288

Roadway / Intersection: County Road 288

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

Existing Speed Limit: None

Existing Traffic Control: Stop Sign on CR 288 at FM 455

Traffic Counts: 113 Cars per day

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

Adjoining Land Development: Residential/Pasture

Roadway Design Speed: None

Visibility Along the Roadway: Good

Accident History: No speed related accidents reported to Public Works

Radar Speed Survey Result 85th percentile is 32 MPH

Other Factors: None

Recommendation: A 35 M.P.H. Speed Limit is recommended along the entire road.

Date: December 3, 2021

Engineer: Mark Hines, P.E.



Mark F. Hines
12/6/21

EXHIBIT "A"



290



288

SUBJECT LOCATION

SPEED
LIMIT
35



LOCATION MAP CR 288

Engineering Study Control Device: Stop Sign CR 288

Roadway / Intersection: Intersection of CR 288 (south) with CR 290 (west and north)

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

Existing Traffic Control: Stop Sign on CR 288 at FM 455

Roadway Width/ Surface Type: CR 288 – 20-feet (2-Lane Asphalt)
CR 290 West of intersection – 24-feet (2-Lane Asphalt)
CR 290 North of intersection – 24-feet (2-Lane Asphalt)

Adjoining Land Development: Residential/Pasture

Visibility: Good

Accident History: None have been reported to Public Works Department

Traffic Counts: CR 288 – 55 Cars per Day
CR 290 West of the intersection – 67 Cars per Day
CR 290 North of the intersection – 68 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 288 at its intersection with CR 290.

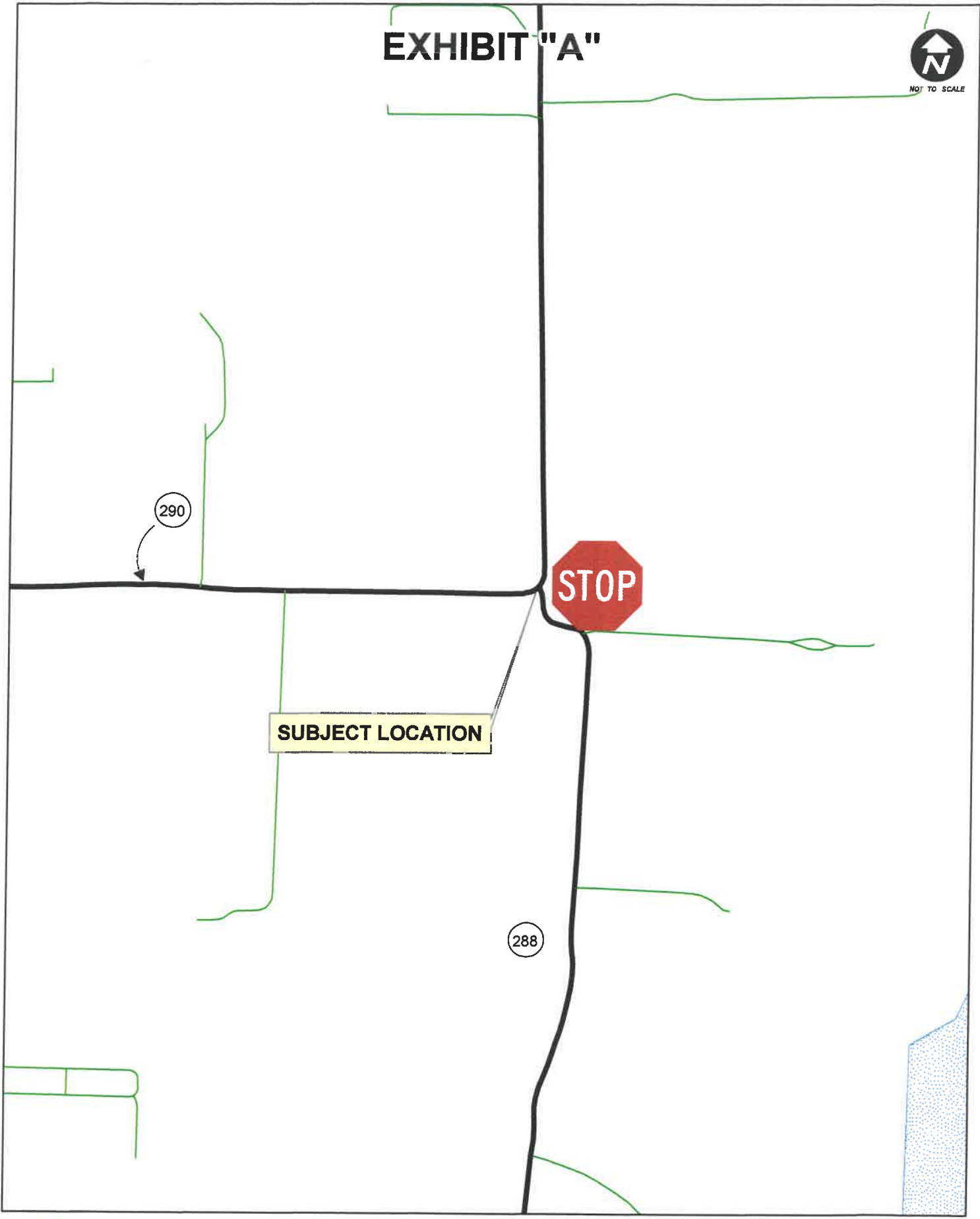
Date: December 3, 2021

Engineer: Mark Hines, P.E.



Mark F. Hines
12/6/21

EXHIBIT "A"



LOCATION MAP CR 288

Engineering Study
Control Device: Yield Sign on Weston Rd

Roadway / Intersection: Intersection of Weston Rd with County Road 168

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

Existing Traffic Control: Speed Limit 40 MPH on CR 168
Stop Sign on CR 168 at Weston Rd

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

Adjoining Land Development: Residential

Visibility: Good

Accident History: None reported

Traffic Counts: None taken for this study

Warrant for Stop Sign: Yield Signs are warranted by Section 2B.04, P4, Article B of the 2011 Texas Manual on Uniform Traffic Control Devices.

Other Factors: None

Recommendation: It is recommended that a Yield Sign be placed on Weston Rd at its intersection with CR 168 as shown on the attached "Exhibit A".

Date: December 3, 2021

Engineer: Mark Hines, P.E.



Mark F. Hines
12/6/21

EXHIBIT "A"



WESTON RD

PECAN PLACE DR

COUNTY ROAD 168



FM 543

SUBJECT LOCATION



LOCATION MAP WESTON RD