

Engineering Study
Control Device: Speed Limit Signs CR 132

Roadway / Intersection: County Road 132

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

Existing Speed Limit: None

Existing Traffic Control: Stop Sign at the intersection with CR 134

Traffic Counts: 374 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

Top 85th Percentile Speed 48 M.P.H.

Other Factors: The north end of County Road 132 was recently upgraded to asphalt and a resident has requested Speed Limit Signs.

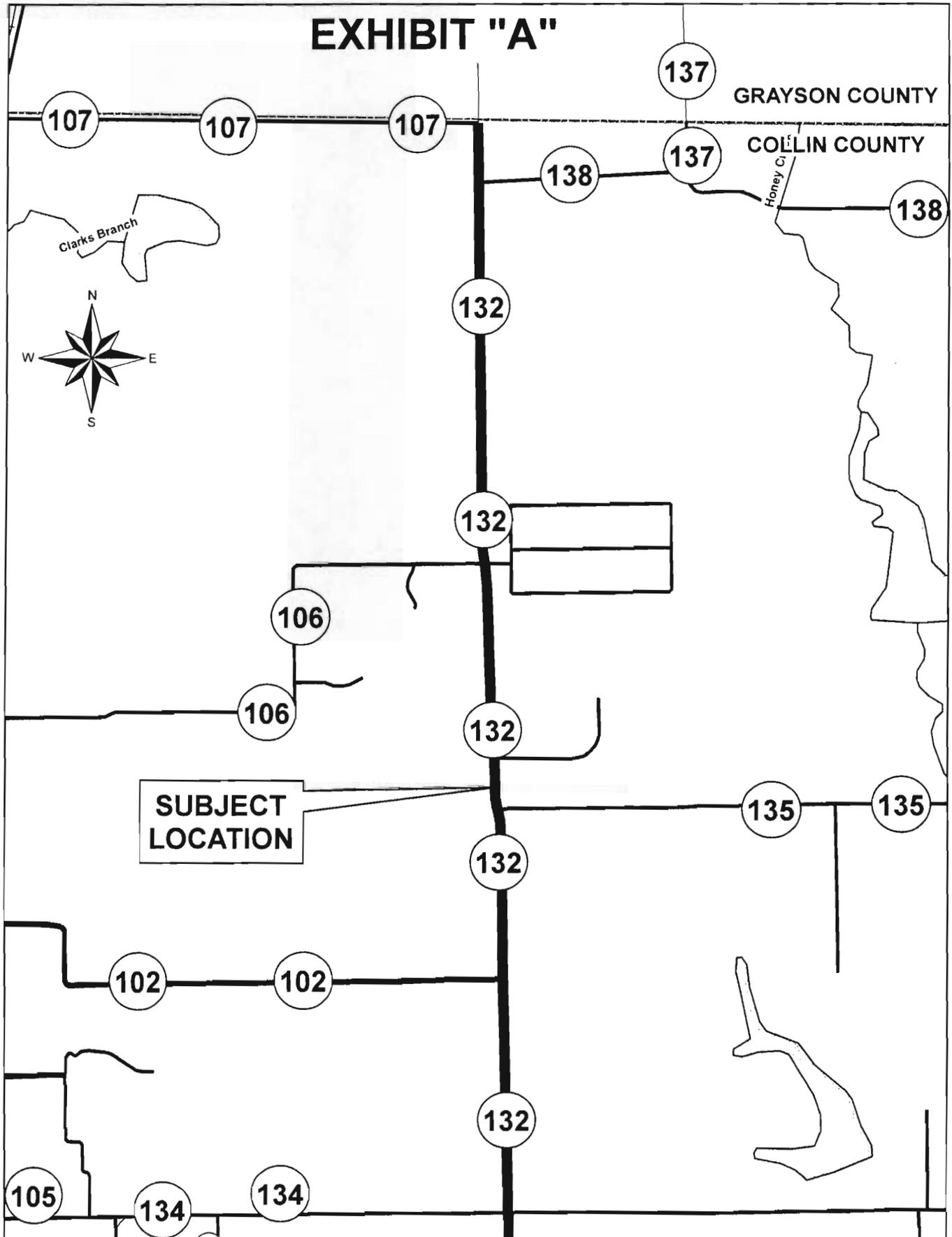
Recommendation: A 40 M.P.H. Speed Limit is recommended

Date: June 25, 2009

Engineer: Ruben Delgado, P.E.


Rubén E. Delgado
July 9, 2009

EXHIBIT "A"



LOCATION CR 132



Engineering Study
Control Device: Stop Sign CR 162

Roadway / Intersection: Intersection of CR 162 with CR 164, giving the right-of-way to the north-south traffic on CR 164.

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

Existing Traffic Control: Stop Sign at the intersection with FM 1461

Roadway Width/ Surface Type: CR 162 – 22-feet (2-Lane Asphalt)
CR 164 – 22-feet (2-Lane Asphalt)

Adjoining Land Development: Agricultural/Pasture/Residential

Visibility: Good except for brush limiting sight distance looking eastbound at CR 164

Accident History: None have been reported to Public Works Department

Traffic Counts: CR 162 – 472 Cars per Day
CR 164 North of the intersection – 680 Cars per Day
CR 164 South of the intersection – 1034 Cars per Day

Application for Stop Sign: A Stop sign is warranted by Section 2B.05 Article A of the 2006 Texas Manual on Uniform Traffic Control Devices

Other Factors: A S.O. employee has requested a Stop Sign at this intersection

Recommendation: It is recommended that a Stop Sign be placed on CR 162 at the intersection of CR 164, giving the right-of-way to the north-south traffic on CR 164.

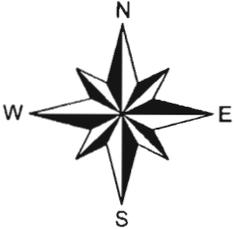
Date: July 9, 2009

Engineer: Ruben Delgado, P.E.



7/10/09

EXHIBIT "A"



1461

AKELAWAY

RYANT RL

Franklin Branch

164

PRIVATE ROAD 5441

123

162

STOP

164

SUBJECT LOCATION

1461



LOCATION MAP CR 162

Engineering Study Control Device: Stop Sign CR 177

Roadway / Intersection: Intersection of CR 177 with Lone Star RD, fka CR 176/CR 175, giving the right-of-way to the north-south traffic on Lone Star RD

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

Existing Traffic Control: None

Roadway Width/ Surface Type: CR 177 – 22-feet (2-Lane Rock)
Lone Star RD – 24-feet (2-Lane Asphalt)

Adjoining Land Development: Agricultural/Pasture/Residential

Visibility: Good

Accident History: None have been reported to Public Works Department

Traffic Counts: CR 177 – 191 Cars per Day
Lone Star RD north of the intersection – 157 Cars per Day
Lone Star RD south of the intersection – 382 Cars per Day

Application for Stop Sign: A Stop sign is warranted by Section 2B.05 Article A of the 2006 Texas Manual on Uniform Traffic Control Devices

Other Factors: A resident has requested a Stop Sign at this intersection

Recommendation: It is recommended that a Stop Sign be placed on CR 177 at the intersection of Lone Star RD, giving the right-of-way to the north-south traffic on Lone Star RD.

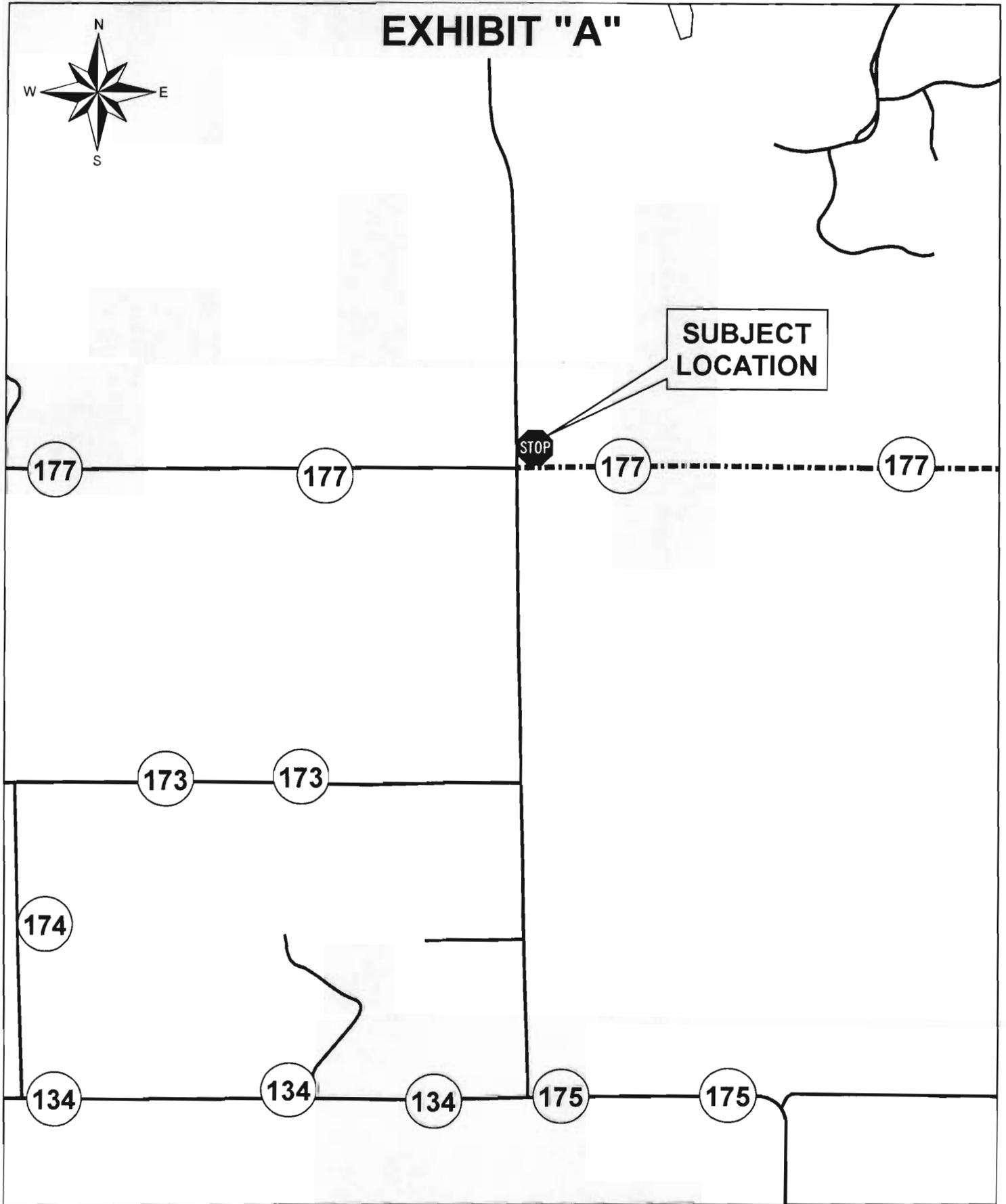
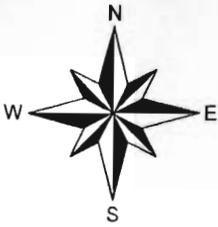
Date: July 1, 2009

Engineer: Ruben Delgado, P.E.



Ruben E. Delgado
July 8, 2009

EXHIBIT "A"



SUBJECT
LOCATION

STOP

177

177

177

177

173

173

174

134

134

134

175

175



LOCATION MAP CR 177

Engineering Study Control Device: Stop Sign CR 217

Roadway / Intersection: Intersection of CR 217 with CR 177, giving the right-of-way to the east-west traffic on CR 177.

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

Existing Traffic Control: 40 MPH Speed Limit

Roadway Width/ Surface Type: CR 217 – 21-feet (2-Lane Asphalt)
CR 177 – 22-feet (2-Lane Rock)

Adjoining Land Development: Agricultural/Pasture/Residential

Visibility: Good except for brush limiting sight distances east and west on CR 177 at CR 217

Accident History: None have been reported to Public Works Department

Traffic Counts: CR 217 – 100 Cars per Day
CR 177 East of the intersection – 44 Cars per Day
CR 177 West of the intersection – 191 Cars per Day

Application for Stop Sign: A Stop sign is warranted by Section 2B.05 Article A of the 2006 Texas Manual on Uniform Traffic Control Devices

Other Factors: A resident has reported two near miss accidents at this intersection and has requested the Stop Sign

Recommendation: It is recommended that a Stop Sign be placed on CR 217 at the intersection of CR 177, giving the right-of-way to the east-west traffic on CR 177.

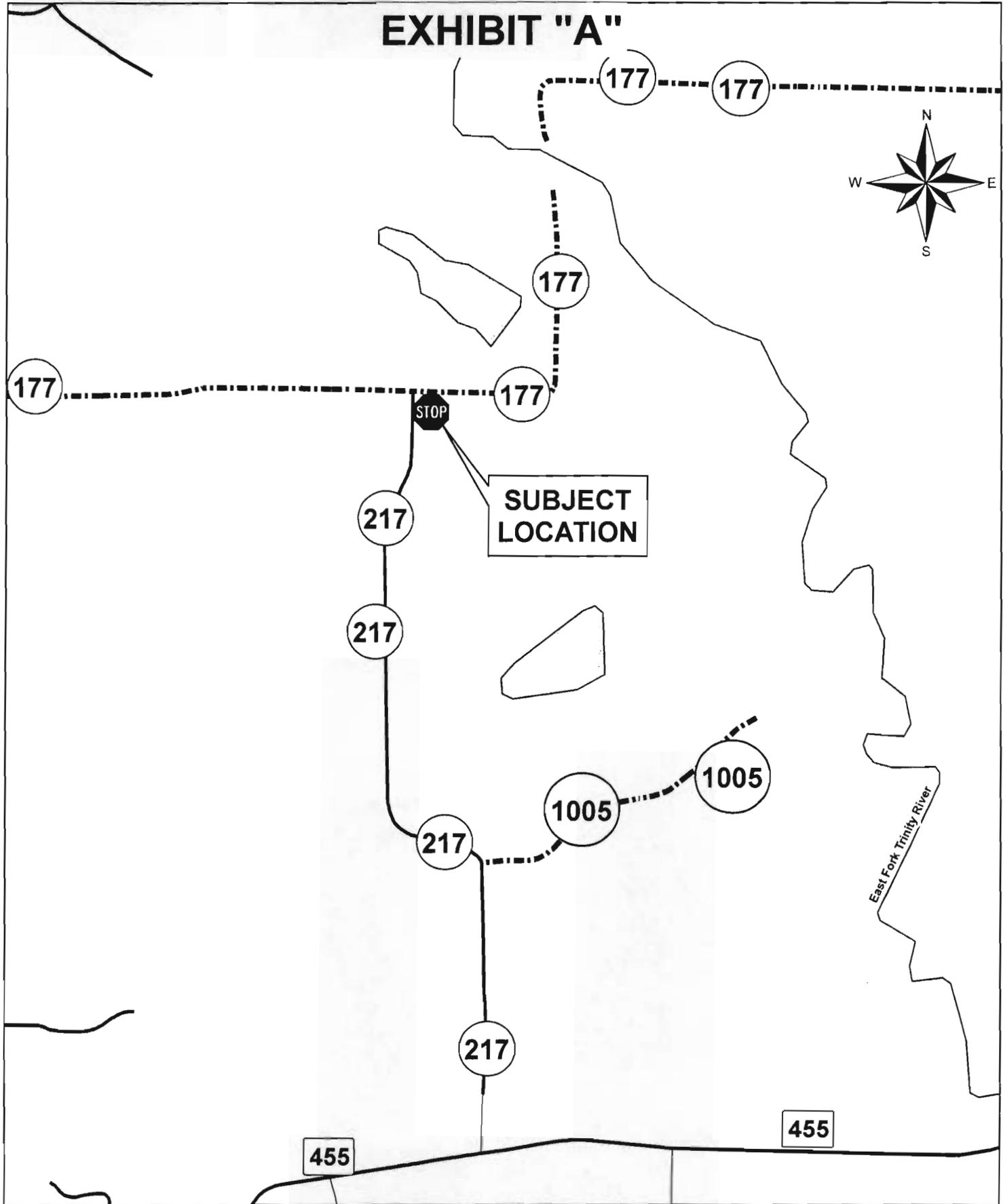
Date: July 1, 2009

Engineer: Ruben Delgado, P.E.



Rubén E. Delgado
July 8, 2009

EXHIBIT "A"



LOCATION MAP CR 217



Engineering Study
Control Device: Speed Limit Signs CR 525

Roadway / Intersection: County Road 525 from CR 528 north to County line

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

Existing Speed Limit: None

Existing Traffic Control: None

Traffic Counts: 331 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 except for a couple of horizontal and vertical curves

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: County Road 525 was recently upgraded to asphalt and the traffic is expected to increase.

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

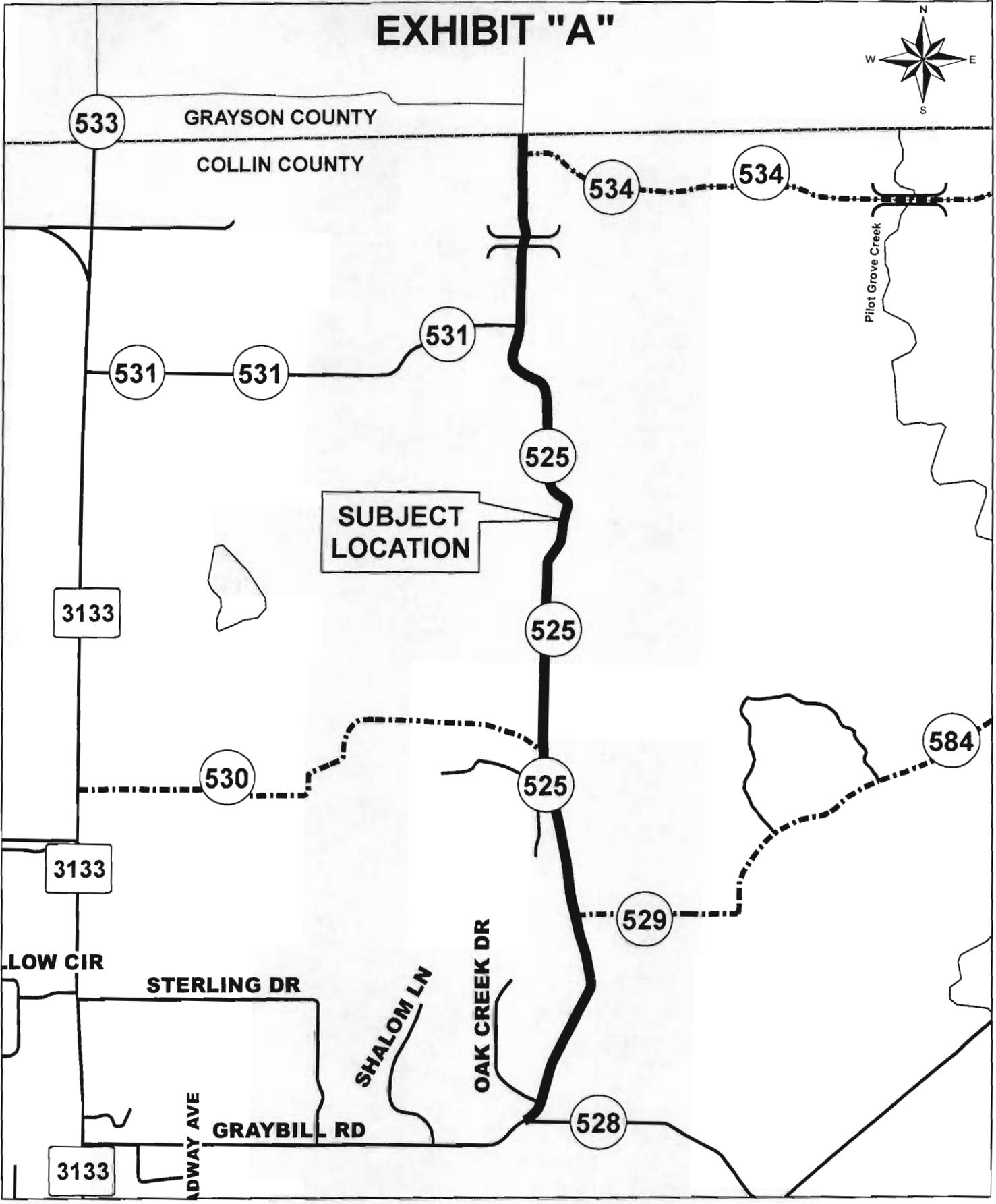
Date: July 1, 2009

Engineer: Ruben Delgado, P.E.



Ruben E. Delgado
July 8, 2009

EXHIBIT "A"



LOCATION MAP CR 525

