



4777 EAST US HIGHWAY 80, MESQUITE, TEXAS 75150-6643 | 214-320-6100 | WWW.TXDOT.GOV

February 9, 2017

Control: 0081-03, 04
Highway: US 377
County: Denton

Mr. John Davis
City Engineer
City of Denton
215 East McKinney
Denton, TX 76201

Subject: Speed Zones

Dear Mr. Davis:

Attached for your information and handling is a computer printout of the speed zone study on US 377 in the City of Denton. The speed zone study was done after the request from TxDOT, Denton Area Office to re-evaluate the speed for the section of US 377 in the City. The printout shows that the recommended speeds correspond to the speeds at which the normal and prudent driver is driving under the existing conditions.

To proceed with the changing of the speed limits, TxDOT requires a signed city ordinance matching the zones on the speed study. To assist the City in the preparation of the ordinance, a sample speed zone ordinance has been attached to serve as a guide. Please forward the signed ordinance to our office by March 31, 2017 for further processing. Upon receipt of the ordinance from the City of Denton, TxDOT will furnish and install the necessary signs at the proper locations. Should the City already have an ordinance on file that matches the limits shown on the study, please forward a copy of that to our office for our records.

If we may be of further assistance, please feel free to contact Bahman Afsheen, P.E. at the above address or by telephone at 214-320-6229.

Sincerely,


Andrew R. Oberlander, P.E.
District Transportation Operations Engineer

Attachments

NO. _____

SPEED ZONE ORDINANCE

AN ORDINANCE ALTERING THE PRIMA FACIE SPEED LIMITS ESTABLISHED FOR VEHICLES UNDER THE PROVISIONS OF TRANSPORTATION CODE, SECTION 545.356 UPON _____ HIGHWAY NO. _____ OR PARTS THEREOF, WITHIN THE INCORPORATE LIMITS OF THE CITY OF _____, AS SET OUT IN THIS ORDINANCE; AND PROVIDING A PENALTY OF A FINE NOT TO EXCEED \$200.00 FOR THE VIOLATION OF THIS ORDINANCE.

WHEREAS, Section 545.356 of the Texas Transportation Code, provides that whenever the governing body of the City shall determine upon the basis of an engineering and traffic investigation that any prima facie speed therein set forth is greater or less than is reasonable or safe under the conditions found to exist at any intersection or other place or upon any part of a street or highway within the City, taking into consideration the width and condition of the pavement and other circumstances on such portion of said street or highway, as well as the usual traffic thereon, said governing body may determine and declare a reasonable and safe prima facie speed limit thereat or thereon by the passage of an ordinance, which shall be effective when appropriate signs giving notice thereof are erected at such intersection or other place or part of the street or highway; NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF _____, TEXAS:

SECTION 1.

Upon the basis of an engineering and traffic investigation heretofore made as authorized by the provisions of Transportation Code, Section 545.356, the following prima facie speed limits hereafter indicated for vehicles on the attached Exhibit "A" (strip map) are hereby determined and declared to be reasonable and safe; and such speed limits are hereby fixed at the rate of speed indicated for vehicles traveling upon the named streets and highways, or parts thereof, described as follows:

A. BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF _____ TEXAS:

1. That from and after the date of the passage of this speed zone ordinance, no motor vehicle shall be operated along and upon _____ Highway No. _____ within the corporate limits of the City of _____ in excess of speeds now set forth in Exhibit "A".

SECTION 2:

The Mayor of _____ is hereby authorized to cause to be erected, appropriate signs indicating such speed zones.

SECTION 3:

Any person violating any of the provisions of this ordinance shall be deemed guilty of a misdemeanor and upon conviction thereof shall be fined in any sum not to exceed Two Hundred Dollars (\$200.00).

PASSED AND APPROVED THIS ____ DAY OF _____, A.D., 20__.

Mayor

City of _____ Texas

Attest:

City Secretary

City of _____ Texas

APPROVED AS TO LEGAL FORM:

City Attorney

City of _____ Texas

APPROVED:

City Manager

City of _____ Texas

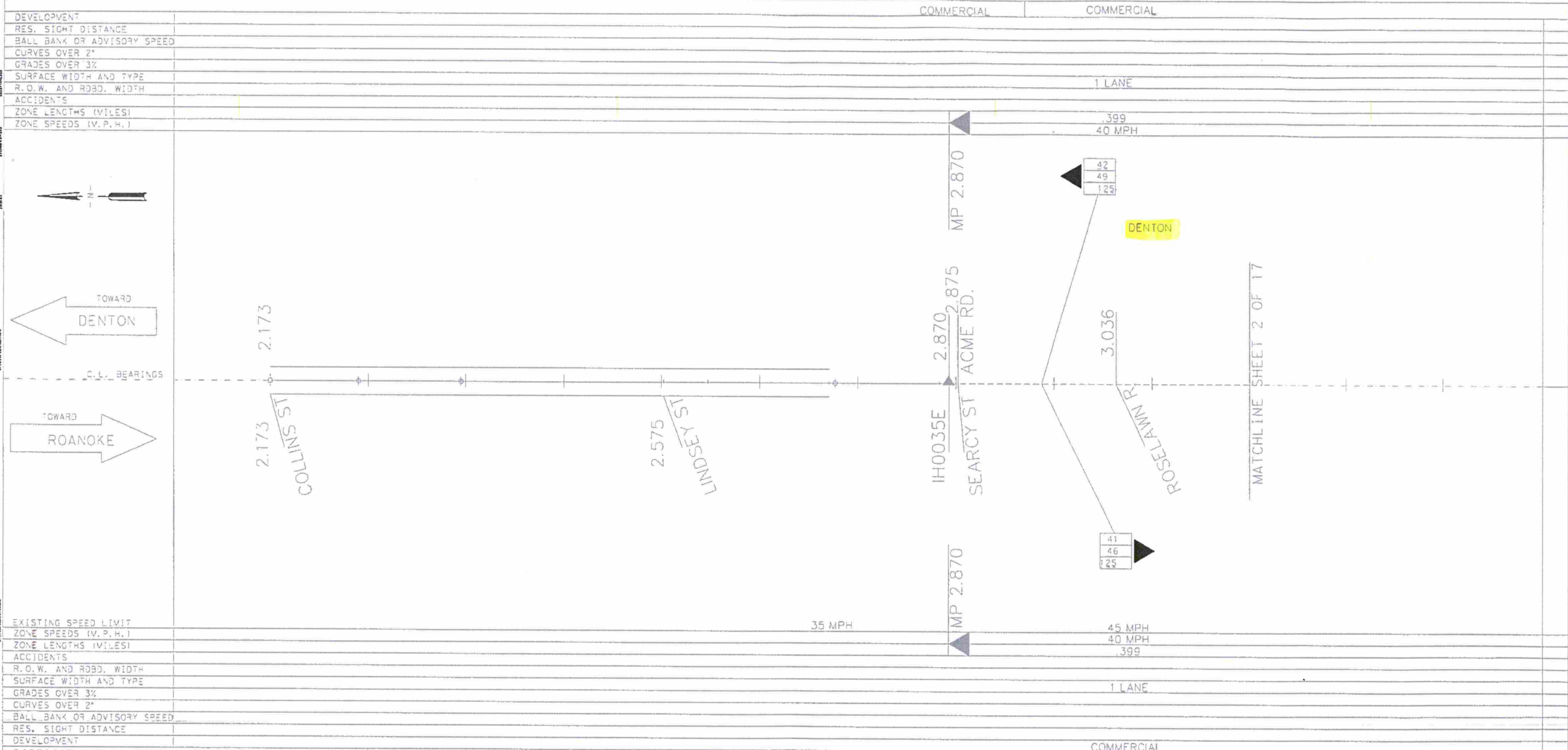
I, _____, City Secretary of the City of _____, Texas, hereby certify that the above and foregoing is a true and correct copy of Ordinance No. _____ adopted by the City Council of the City of _____, Texas, _____, A.D., 20__.

To certify which, witness my hand and seal of office this _____ day of _____, A.D., 20__.

City Secretary

City of _____ Texas

US 377



EXISTING SPEED LIMIT	ZONE SPEEDS (V.P.H.)	ZONE LENGTHS (MILES)	ACCIDENTS	R.O.W. AND ROAD WIDTH	SURFACE WIDTH AND TYPE	GRADES OVER 3%	CURVES OVER 2"	BALL BANK OR ADVISORY SPEED	RES. SIGHT DISTANCE	DEVELOPMENT
DISTRICT: DALLAS	COUNTY: DENTON	MINUTE NO. :	DATE / /	REPLACES :	DATE / /	REPLACED BY :	DATE / /	CANCELLED BY :	DATE / /	
HIGHWAY: US 377	CITY: DENTON									
DATE OF STUDY 07-13-16	SCALE 1" = 0.1 MILES									
LIMITS OF ZONE										
SECTION ONE			SECTION TWO							
LENGTH 3.64 MILES			LENGTH MILES							
BEGINS	STA. OR M.P.	CONT. AND SECT.	PROJECT	BEGINS	STA. OR M.P.	CONT. AND SECT.	PROJECT			
	0 - 00	0081 - 03	()		-	-	()			
	MP 6.513				MP					
ENDS	STA. OR M.P.	CONT. AND SECT.	PROJECT	ENDS	STA. OR M.P.	CONT. AND SECT.	PROJECT			
	0 - 00	-	()		-	-	()			
	MP 6.877				MP					

- 42 85 PERCENTILE SPEED
- 62 TOP SPEED MEASURED
- 125 NUMBER OF CARS CHECKED
- FATAL ACCIDENT
- PERSONAL INJURY ACCIDENT
- PROPERTY DAMAGE ACCIDENT
- INDICATES SECTION ZONED BY COMMISSION MINUTE
- SIGNALIZED INTERSECTION
- TRIAL RUN

SPEED ZONE

CONT. 0081 SEC. 04
LIMITS: TARRANT CO. LINE TO IH 35E

SHEET 1 OF 17

Texas Department of Transportation

SPEED STUDY
DENTON COUNTY
US 377

DESIGN TEAM	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
	STATE	STATE DIST. NO.	COUNTY
CHECKED	CONTROL NO.	SECTION NO.	JOB NO.
			HIGHWAY NO.

US 377

COMMERCIAL

DEVELOPMENT	COMMERCIAL
RES. SIGHT DISTANCE	
BALL BANK OR ADVISORY SPEED	
CURVES OVER 2"	
GRADES OVER 3%	
SURFACE WIDTH AND TYPE	1 LANE
R.O.W. AND ROAD WIDTH	
ACCIDENTS	
ZONE LENGTHS (MILES)	399
ZONE SPEEDS (M.P.H.)	40 MPH

MP 3.269

933

50 MPH

STATION #3

49
59
125

DENTON

3.374

3.500
DOTSON RD.3.606
DANIELS ST

MISSION ST 3.957

JAMES ST. 4.106

4.156

MATCHLINE SHEET 3 OF 17
FM1830TOWARD
DENTONTOWARD
ROANOKE

C.L. BEARINGS

EXISTING SPEED LIMIT	45 MPH
ZONE SPEEDS (M.P.H.)	40 MPH
ZONE LENGTHS (MILES)	399
ACCIDENTS	
R.O.W. AND ROAD WIDTH	
SURFACE WIDTH AND TYPE	1 LANE
GRADES OVER 3%	
CURVES OVER 2"	
BALL BANK OR ADVISORY SPEED	
RES. SIGHT DISTANCE	
DEVELOPMENT	COMMERCIAL

MP 3.269

50 MPH

50 MPH

933

60 MPH

DISTRICT: DALLAS	COUNTY: DENTON	MINUTE NO. :	DATE / /
HIGHWAY: US 377	CITY: DENTON	REPLACES :	DATE / /
DATE OF STUDY 07-13-16	SCALE 1" = 0.1 MILES	REPLACED BY :	DATE / /
		CANCELLED BY :	DATE / /

LIMITS OF ZONE

SECTION ONE	LENGTH	MILES	SECTION TWO	LENGTH	MILES
BEGINS	STA. OR V.P.	CONT. AND SECT.	PROJECT	BEGINS	STA. OR M.P.
	0 + 00	-	()		-
	MP				MP
ENDS	STA. OR V.P.	CONT. AND SECT.	PROJECT	ENDS	STA. OR M.P.
	0 + 00	-	()		-
	MP				MP

42	85 PERCENTILE SPEED
62	TOP SPEED MEASURED
125	NUMBER OF CARS CHECKED

- FATAL ACCIDENT
- PERSONAL INJURY ACCIDENT
- PROPERTY DAMAGE ACCIDENT

— INDICATES SECTION ZONED
BY COMMISSION MINUTE

▲ SIGNALIZED INTERSECTION

○ TRIAL RUN

SPEED ZONE

CONT. 0081 SEC. 04

LIMITS: TARRANT CO. LINE TO IH 35E

SHEET 2 OF 17

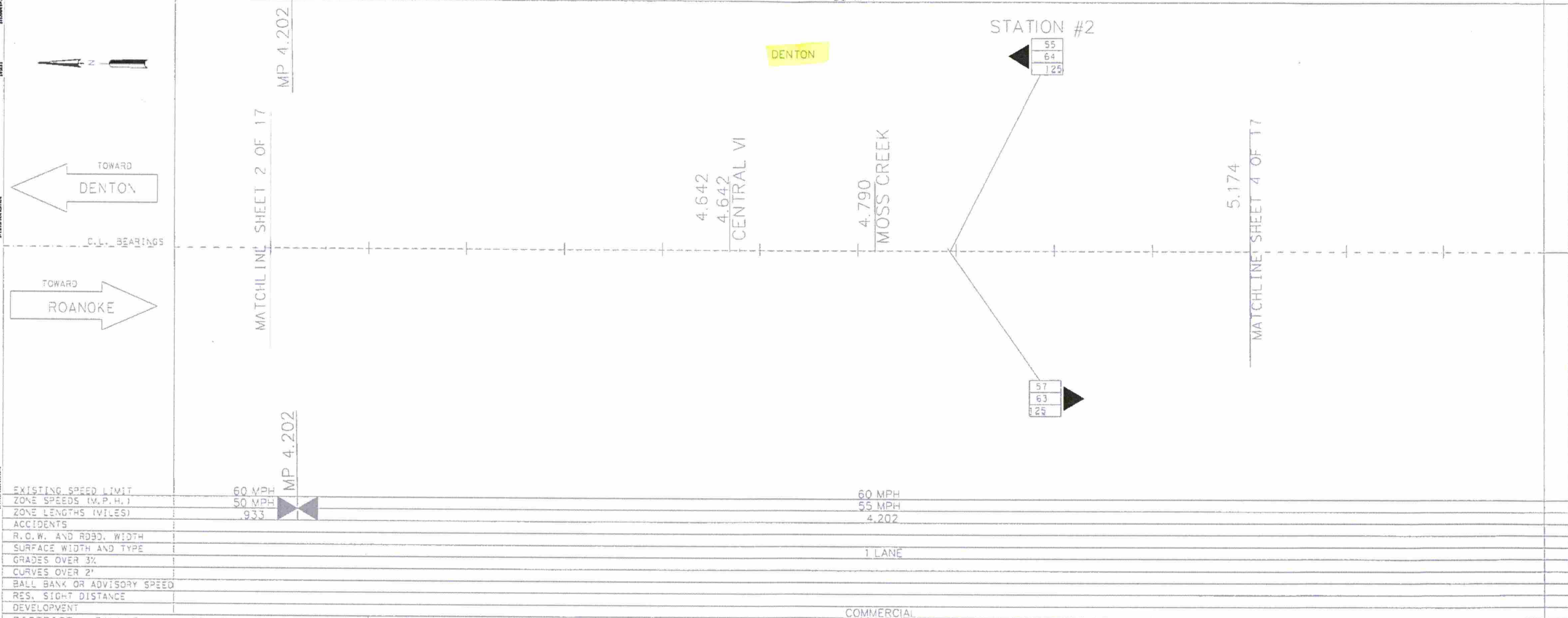
Texas Department of Transportation

SPEED STUDY
DENTON COUNTY
US 377

DESIGN TEAM	FED. AID DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
	STATE	STATE DIST. NO.	COUNTY
CHECKED	CONTRACT NO.	SECTION NO.	JOB NO.
			HIGHWAY NO.

US 377

DEVELOPMENT		COMMERCIAL/RES.
RES. SIGHT DISTANCE		
BALL BANK OR ADVISORY SPEED		
CURVES OVER 2"		
GRADES OVER 3%		
SURFACE WIDTH AND TYPE		1 LANE
R.O.W. AND ROAD WIDTH		
ACCIDENTS		
ZONE LENGTHS (MILES)	933	4.202
ZONE SPEEDS (M.P.H.)	50 MPH	55 MPH



DISTRICT: DALLAS	COUNTY: DENTON	MINUTE NO. :	DATE / /
HIGHWAY: US 377	CITY: DENTON	REPLACES :	DATE / /
DATE OF STUDY 07-13-18	SCALE 1" = 0.1 MILES	REPLACED BY :	DATE / /
		CANCELLED BY :	DATE / /

LIMITS OF ZONE			
SECTION ONE	LENGTH	MILES	SECTION TWO
BEGINS	STA. OR V.P.	CONT. AND SECT.	BEGINS
	0 + 00	()	
ENDS	STA. OR V.P.	CONT. AND SECT.	ENDS
	0 + 00	()	

- 42 85 PERCENTILE SPEED
- 62 TOP SPEED MEASURED
- 125 NUMBER OF CARS CHECKED
- FATAL ACCIDENT
- PERSONAL INJURY ACCIDENT
- PROPERTY DAMAGE ACCIDENT
- INDICATES SECTION ZONED BY COMMISSION MINUTE
- SIGNALIZED INTERSECTION
- TRIAL RUN

SPEED ZONE

CONT. 0081 SEC. 04
LIMITS: TARRANT CO. LINE TO IH 35E

SHEET 3 OF 17

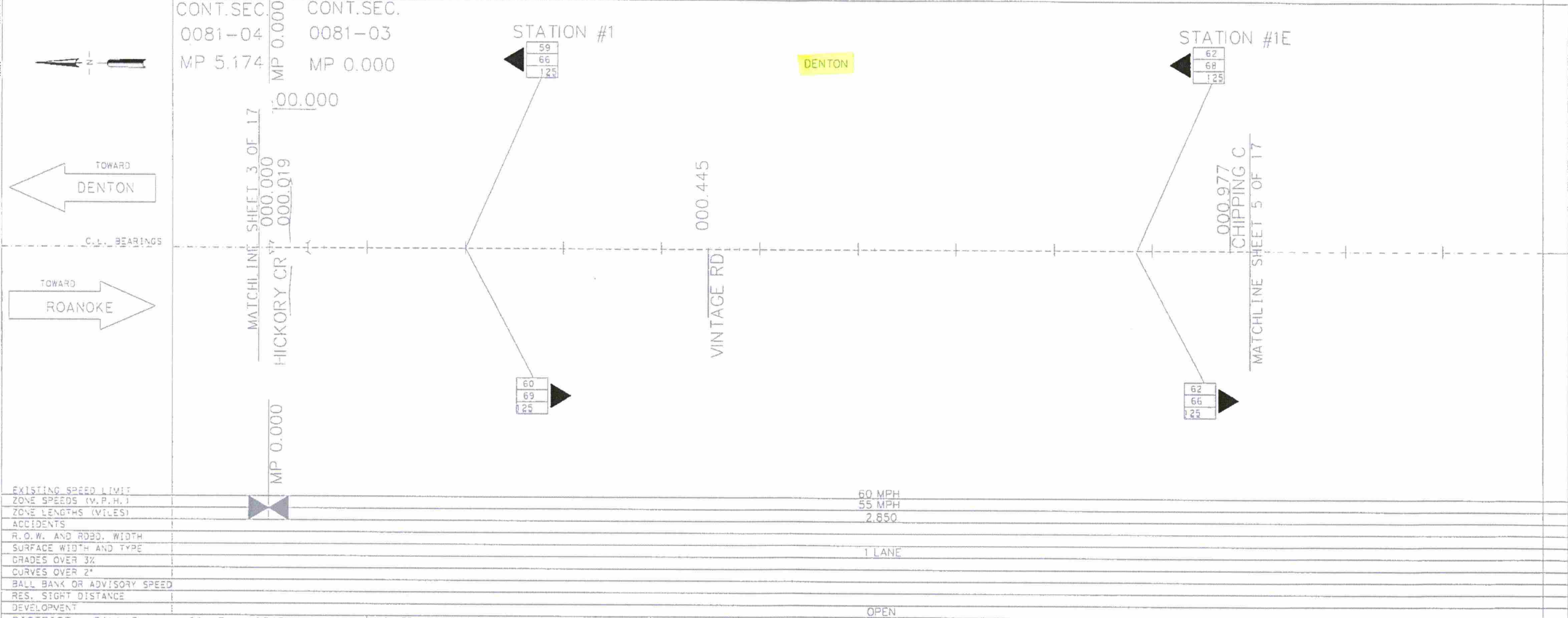
Texas Department of Transportation

SPEED STUDY
DENTON COUNTY
US 377

DESIGN TEAM	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
	STATE DIST. NO.	COUNTY	
CHECKED	CONTROL NO.	SECTION NO.	JOB NO.

US 377

DEVELOPMENT	OPEN	COMMERCIAL	OPEN
RES. SIGHT DISTANCE			
BALL BANK OR ADVISORY SPEED			
CURVES OVER 2"			
GRADES OVER 3%			
SURFACE WIDTH AND TYPE		1 LANE	
R.O.W. AND ROAD WIDTH			
ACCIDENTS			
ZONE LENGTHS (MILES)		2.850	
ZONE SPEEDS (M.P.H.)		55 MPH	



DISTRICT: DALLAS	COUNTY: DENTON	MINUTE NO. :	DATE / /
HIGHWAY: US 377	CITY: DENTON	REPLACES :	DATE / /
DATE OF STUDY 07-13-16	SCALE 1" = 0.1 MILES	REPLACED BY :	DATE / /
		CANCELLED BY :	DATE / /

LIMITS OF ZONE			
SECTION ONE	LENGTH	MILES	SECTION TWO
BEGINS	STA. OR M.P.	CONT. AND SECT.	PROJECT
	0 - 00	-	()
ENDS	STA. OR M.P.	CONT. AND SECT.	PROJECT
	0 - 00	-	()

- 42 85 PERCENTILE SPEED
- 62 TOP SPEED MEASURED
- 125 NUMBER OF CARS CHECKED
- FATAL ACCIDENT
- PERSONAL INJURY ACCIDENT
- PROPERTY DAMAGE ACCIDENT
- INDICATES SECTION ZONED BY COMMISSION MINUTE
- ▲ SIGNALIZED INTERSECTION
- TRIAL RUN

SPEED ZONE

CONT. 0081 SEC. 03
LIMITS: TARRANT CO. LINE TO IH 35E

SHEET 4 OF 17

Texas Department of Transportation

SPEED STUDY
DENTON COUNTY
US 377

DESIGN TEAM	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
	STATE DIST. NO.	COUNTY	
CHECKED	CONTROL NO.	SECTION NO.	JOB NO.
			HIGHWAY NO.

US 377

DEVELOPMENT
RES. SIGHT DISTANCE
BALL BANK OR ADVISORY SPEED
CURVES OVER 2"
GRADES OVER 3%
SURFACE WIDTH AND TYPE
R.O.W. AND RDBD. WIDTH
ACCIDENTS
ZONE LENGTHS (MILES)
ZONE SPEEDS (V.P.H.)

OPEN

1 LANE

2,850
55 MPH

STATION #1D

62
71
125

DENTON

STATION #1C

59
69
125

MATCHLINE SHEET 4 OF 17

MATCHLINE SHEET 6 OF 17

001.390
HAMILTON R

001.536

BONNIE BRA

001.753
BRUSH CREE

61
68
125

59
69
125

TOWARD
DENTON

TOWARD
ROANOKE

C.L. BEARINGS

EXISTING SPEED LIMIT
ZONE SPEEDS (V.P.H.)
ZONE LENGTHS (MILES)
ACCIDENTS
R.O.W. AND RDBD. WIDTH
SURFACE WIDTH AND TYPE
GRADES OVER 3%
CURVES OVER 2"
BALL BANK OR ADVISORY SPEED
RES. SIGHT DISTANCE
DEVELOPMENT

60 MPH
55 MPH
2,850

1 LANE

OPEN

DISTRICT: DALLAS COUNTY: DENTON
HIGHWAY: US 377 CITY: DENTON
DATE OF STUDY 07-13-16 SCALE 1" = 0.1 MILES

LIMITS OF ZONE

SECTION ONE				SECTION TWO			
STA. OR M.P.	CONT. AND SECT.	PROJECT	MILES	STA. OR M.P.	CONT. AND SECT.	PROJECT	MILES
BEGINS 0+00	-	()		BEGINS	-	()	
ENDS 0+00	-	()		ENDS	-	()	

42 85 PERCENTILE SPEED
62 TOP SPEED MEASURED
125 NUMBER OF CARS CHECKED

- FATAL ACCIDENT
- PERSONAL INJURY ACCIDENT
- PROPERTY DAMAGE ACCIDENT

INDICATES SECTION ZONED BY COMMISSION MINUTE

SIGNALIZED INTERSECTION

TRIAL RUN

SPEED ZONE

CONT. 0081 SEC. 03
LIMITS: TARRANT CO. LINE TO IH 35E

SHEET 5 OF 17

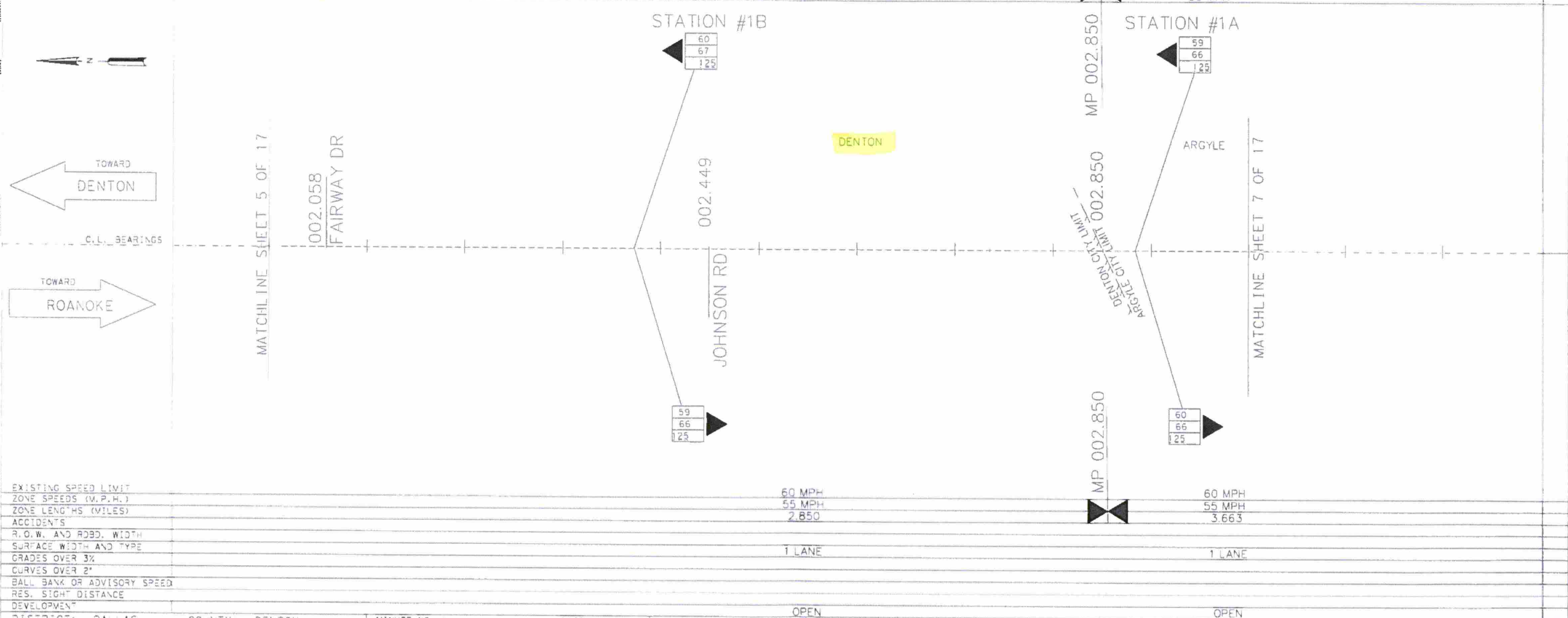
Texas Department of Transportation

SPEED STUDY
DENTON COUNTY
US 377

DESIGN TEAM	FED. AID PROJ. NO.	SHEET NO.
STATE	STATE DIST. NO.	COUNTY
CHECKED	CONTROL NO.	SECTION NO.

US 377

DEVELOPMENT	OPEN	OPEN
RES. SIGHT DISTANCE		
BALL BANK OR ADVISORY SPEED		
CURVES OVER 2'		
GRADES OVER 3%		
SURFACE WIDTH AND TYPE	1 LANE	1 LANE
R.O.W. AND ROAD WIDTH		
ACCIDENTS		
ZONE LENGTHS (MILES)	2.850	3.663
ZONE SPEEDS (M.P.H.)	55 MPH	55 MPH



EXISTING SPEED LIMIT	60 MPH
ZONE SPEEDS (M.P.H.)	55 MPH
ZONE LENGTHS (MILES)	2.850
ACCIDENTS	
R.O.W. AND ROAD WIDTH	
SURFACE WIDTH AND TYPE	1 LANE
GRADES OVER 3%	
CURVES OVER 2'	
BALL BANK OR ADVISORY SPEED	
RES. SIGHT DISTANCE	
DEVELOPMENT	OPEN

DISTRICT: DALLAS	COUNTY: DENTON	MINUTE NO. :	DATE / /
HIGHWAY: US 377	CITY: DENTON/ARGYLE	REPLACES :	DATE / /
DATE OF STUDY 07-13-16	SCALE 1" = 0.1 MILES	REPLACED BY :	DATE / /
		CANCELLED BY :	DATE / /

LIMITS OF ZONE			
SECTION ONE	LENGTH	MILES	
BEGINS	STA. OR M.P.	CONT. AND SECT.	PROJECT
	0 - 00	-	()
ENDS	STA. OR M.P.	CONT. AND SECT.	PROJECT
	0 - 00	-	()

- 42 85 PERCENTILE SPEED
- 62 TOP SPEED MEASURED
- 125 NUMBER OF CARS CHECKED
- FATAL ACCIDENT
- PERSONAL INJURY ACCIDENT
- PROPERTY DAMAGE ACCIDENT
- INDICATES SECTION ZONED BY COMMISSION MINUTE
- SIGNALIZED INTERSECTION
- TRIAL RUN

SPEED ZONE
 CONT. 0081 SEC. 03
 LIMITS: TARRANT CO. LINE TO IH 35E

SHEET 6 OF 17

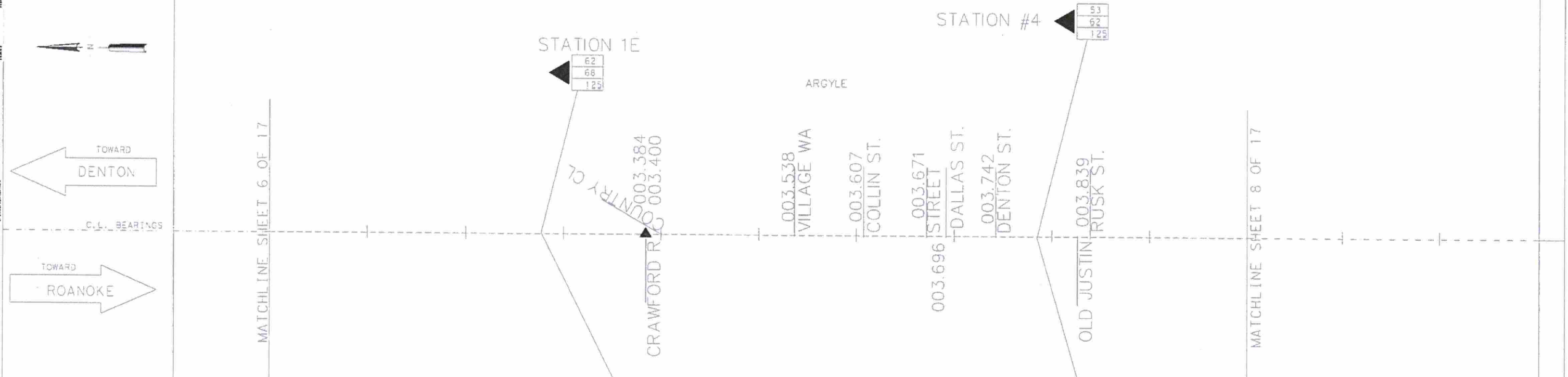
Texas Department of Transportation

SPEED STUDY
DENTON COUNTY
US 377

DESIGN TEAM	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
	STATE	STATE DIST. NO.	COUNTY
CHECKED	CONTROL NO.	SECTION NO.	JOB NO.
			HIGHWAY NO.

US 377

DEVELOPMENT	COMMERCIAL	OPEN	RESIDENTIAL
RES. SIGHT DISTANCE			
BALL BANK OR ADVISORY SPEED			
CURVES OVER 2'			
GRADES OVER 3%			
SURFACE WIDTH AND TYPE	1 LANE		
R.O.W. AND RDBD. WIDTH			
ACCIDENTS			
ZONE LENGTHS (MILES)	3.663		
ZONE SPEEDS (V.P.H.)	55 MPH		



EXISTING SPEED LIMIT	60 MPH	50 MPH
ZONE SPEEDS (V.P.H.)	55 MPH	55 MPH
ZONE LENGTHS (MILES)	3.663	3.663
ACCIDENTS		
R.O.W. AND RDBD. WIDTH		
SURFACE WIDTH AND TYPE	1 LANE	1 LANE
GRADES OVER 3%		
CURVES OVER 2'		
BALL BANK OR ADVISORY SPEED		
RES. SIGHT DISTANCE		
DEVELOPMENT	OPEN	OPEN

DISTRICT: DALLAS	COUNTY: DENTON	MINUTE NO. :	DATE / /
HIGHWAY: US 377	CITY: ARGYLE	REPLACES :	DATE / /
DATE OF STUDY 07-12-16	SCALE 1" = 0.1 MILES	REPLACED BY :	DATE / /
		CANCELLED BY :	DATE / /

LIMITS OF ZONE			
SECTION ONE	LENGTH	MILES	
BEGINS	STA. OR V.P.	CONT. AND SECT.	PROJECT
	0 - 00	-	()
ENDS	STA. OR V.P.	CONT. AND SECT.	PROJECT
	0 - 00	-	()

SECTION TWO	LENGTH	MILES	
BEGINS	STA. OR N.P.	CONT. AND SECT.	PROJECT
	-	-	()
ENDS	STA. OR N.P.	CONT. AND SECT.	PROJECT
	-	-	()

- 42 85 PERCENTILE SPEED
- 62 TOP SPEED MEASURED
- 125 NUMBER OF CARS CHECKED
- FATAL ACCIDENT
- PERSONAL INJURY ACCIDENT
- PROPERTY DAMAGE ACCIDENT
- INDICATES SECTION ZONED BY COMMISSION MINUTE
- SIGNALIZED INTERSECTION
- TRIAL RUN

SPEED ZONE

CONT. 0081 SEC. 03
LIMITS: TARRANT CO. LINE TO IH 35E

SHEET 7 OF 17

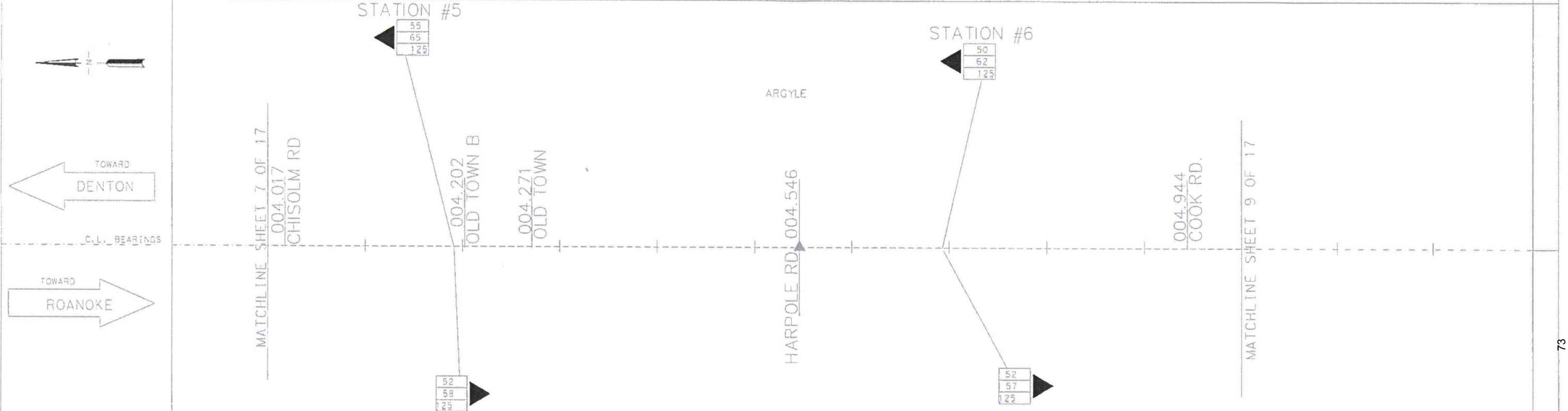
Texas Department of Transportation

SPEED STUDY
DENTON COUNTY
US 377

DESIGN TEAM	FED. AID PROJECT NO.	SHEET NO.
STATE	STATE DIST. NO.	COUNTY
CHECKED	CONTROL NO.	SECTION NO.
	JOB NO.	HIGHWAY NO.

US 377

DEVELOPMENT	COMMERCIAL	SCHOOL (with advisory school flashers)
RES. SIGHT DISTANCE		
BALL BANK OR ADVISORY SPEED		
CURVES OVER 2"		
GRADES OVER 3%		
SURFACE WIDTH AND TYPE	1 LANE	
R.O.W. AND ROAD WIDTH		
ACCIDENTS		
ZONE LENGTHS (MILES)	3.663	
ZONE SPEEDS (M.P.H.)	55 MPH	



EXISTING SPEED LIMIT	50 MPH
ZONE SPEEDS (M.P.H.)	55 MPH
ZONE LENGTHS (MILES)	3.663
ACCIDENTS	
R.O.W. AND ROAD WIDTH	
SURFACE WIDTH AND TYPE	1 LANE
GRADES OVER 3%	
CURVES OVER 2"	
BALL BANK OR ADVISORY SPEED	
RES. SIGHT DISTANCE	
DEVELOPMENT	OPEN

DISTRICT: DALLAS	COUNTY: DENTON	MINUTE NO. :	DATE / /
HIGHWAY: US 377	CITY: ARGYLE	REPLACES :	DATE / /
DATE OF STUDY 07-13-16	SCALE 1" = 0.1 MILES	REPLACED BY :	DATE / /
		CANCELLED BY :	DATE / /

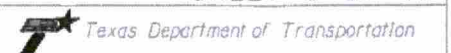
LIMITS OF ZONE							
SECTION ONE		LENGTH	MILES	SECTION TWO		LENGTH	MILES
BEGINS	STA. OR M.P.	CONT. AND SECT.	PROJECT	BEGINS	STA. OR M.P.	CONT. AND SECT.	PROJECT
	Q - 00	-	()		MP	-	()
ENDS	STA. OR M.P.	CONT. AND SECT.	PROJECT	ENDS	STA. OR M.P.	CONT. AND SECT.	PROJECT
	Q - 00	-	()		MP	-	()

- 42 85 PERCENTILE SPEED
62 TOP SPEED MEASURED
125 NUMBER OF CARS CHECKED
- FATAL ACCIDENT
○ PERSONAL INJURY ACCIDENT
○ PROPERTY DAMAGE ACCIDENT
- INDICATES SECTION ZONED BY COMMISSION MINUTE
- ▲ SIGNALIZED INTERSECTION
- TRIAL RUN

SPEED ZONE

CONT. 0081 SEC. 03
LIMITS: TARRANT CO. LINE TO IH 35E

SHEET 8 OF 17



SPEED STUDY
DENTON COUNTY
US 377

DESIGN TEAM	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
	STATE DIST. NO.	COUNTY	
CHECKED	CONTRACT NO.	SECTION NO.	JOB NO.
			NOTES NO.

US 377

DEVELOPMENT	COMMERCIAL	OPEN	CHURCH
RES. SIGHT DISTANCE			
BALL BANK OR ADVISORY SPEED			
CURVES OVER 2'			
GRADES OVER 3%			
SURFACE WIDTH AND TYPE			1 LANE
R.O.W. AND ROBD. WIDTH			
ACCIDENTS			
ZONE LENGTHS (MILES)			3.663
ZONE SPEEDS (M.P.H.)			55 MPH

STATION #7

54
61
125

ARGYLE

STATION #8

55
66
125

005.663

005.690

FRENCH TOW

MATCHLINE SHEET 10 OF 17

FM0407 005.216

54
66
12556
61
125

EXISTING SPEED LIMIT			
ZONE SPEEDS (M.P.H.)		50 MPH	60 MPH
ZONE LENGTHS (MILES)		55 MPH	
ACCIDENTS		3.663	
R.O.W. AND ROBD. WIDTH			
SURFACE WIDTH AND TYPE			1 LANE
GRADES OVER 3%			
CURVES OVER 2'			
BALL BANK OR ADVISORY SPEED			
RES. SIGHT DISTANCE			
DEVELOPMENT			OPEN

DISTRICT: DALLAS	COUNTY: DENTON	MINUTE NO. :	DATE / /
HIGHWAY: US 377	CITY: ARGYLE	REPLACES :	DATE / /
DATE OF STUDY 07-13-16	SCALE 1" = 0.1 MILES	REPLACED BY :	DATE / /
		CANCELLED BY :	DATE / /

LIMITS OF ZONE

SECTION ONE				SECTION TWO			
	STA. OR V.P.	CONT. AND SECT.	PROJECT		STA. OR M.P.	CONT. AND SECT.	PROJECT
BEGINS	0 + 00			BEGINS			
	MP				MP		
ENDS	0 + 00			ENDS			
	MP				MP		

42 85 PERCENTILE SPEED
62 TOP SPEED MEASURED
125 NUMBER OF CARS CHECKED

- FATAL ACCIDENT
- PERSONAL INJURY ACCIDENT
- PROPERTY DAMAGE ACCIDENT

— INDICATES SECTION ZONED BY COMMISSION MINUTE

▲ SIGNALIZED INTERSECTION

○ TRIAL RUN

SPEED ZONE

CONT. 0081 SEC. 03
LIMITS: TARRANT CO. LINE TO IH 35E

SHEET 9 OF 17



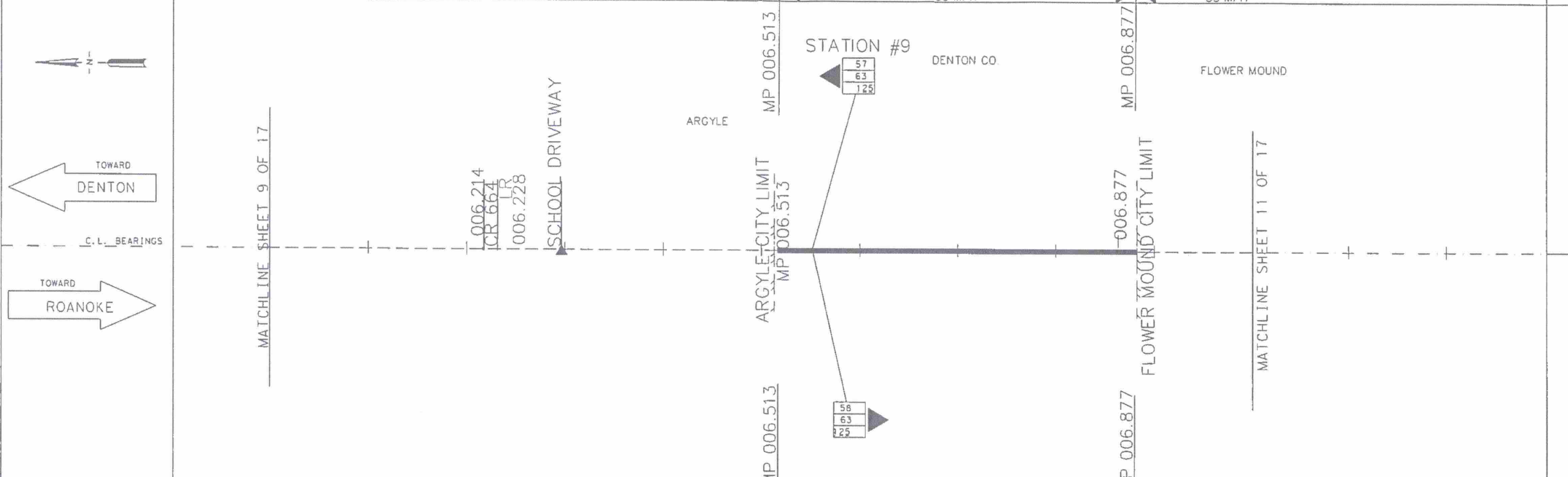
Texas Department of Transportation

SPEED STUDY
DENTON COUNTY
US 377

DESIGN TEAM	FEED. NO. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
	STATE	STATE DIST. NO.	COUNTY
CHECKED	CONTROL NO.	SECTION NO.	JOB NO. HIGHWAY NO.

US 377

DEVELOPMENT	SCHOOL	OPEN	OPEN
RES. SIGHT DISTANCE	(with advisory school flashers)		
BALL BANK OR ADVISORY SPEED			
CURVES OVER 2"			
GRADES OVER 3%			
SURFACE WIDTH AND TYPE	1 LANE	1 LANE	1 LANE
R.O.W. AND RDBD. WIDTH			
ACCIDENTS			
ZONE LENGTHS (MILES)	3.663	.364	2.574
ZONE SPEEDS (M.P.H.)	55 MPH	55 MPH	55 MPH



EXISTING SPEED LIMIT	60 MPH	60 MPH	60 MPH
ZONE SPEEDS (M.P.H.)	55 MPH	55 MPH	55 MPH
ZONE LENGTHS (MILES)	3.663	.364	2.574
ACCIDENTS			
R.O.W. AND RDBD. WIDTH			
SURFACE WIDTH AND TYPE	1 LANE	1 LANE	1 LANE
GRADES OVER 3%			
CURVES OVER 2"			
BALL BANK OR ADVISORY SPEED			
RES. SIGHT DISTANCE			
DEVELOPMENT	OPEN	OPEN	OPEN

DISTRICT: DALLAS COUNTY: DENTON

HIGHWAY: US 377 CITY: ARGYLE

DATE OF STUDY 07-13-16 SCALE 1" = 0.1 MILES

LIMITS OF ZONE			
SECTION ONE		SECTION TWO	
STA. OR M.P.	CONT. AND SECT.	STA. OR M.P.	CONT. AND SECT.
BEGINS 0 + 00		BEGINS 0 + 00	
ENDS 0 + 00		ENDS 0 + 00	

- 42 85 PERCENTILE SPEED
- 62 TOP SPEED MEASURED
- 125 NUMBER OF CARS CHECKED
- FATAL ACCIDENT
- PERSONAL INJURY ACCIDENT
- PROPERTY DAMAGE ACCIDENT
- INDICATES SECTION ZONED BY COMMISSION MINUTE
- SIGNALIZED INTERSECTION
- TRIAL RUN

SPEED ZONE

CONT. 0081 SEC. 03

LIMITS: TARRANT CO. LINE TO IH 35E

SHEET 10 OF 17

Texas Department of Transportation

SPEED STUDY
DENTON COUNTY
US 377

DESIGN TEAM	FED. NO. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
CHECKED	STATE	SECTION	HIGHWAY

US 377

OPEN

1 LANE

2.574

55 MPH

STATION #10

59
69
125

STATION #11

61
66
125

FLOWER MOUND

007.403

007.506

007.511

SMOOT RD.
CR 540

STONE CRES

MATCHLINE SHEET 12 OF 17

MATCHLINE SHEET 10 OF 17

TOWARD
DENTONTOWARD
ROANOKE

C.L. BEARINGS

EXISTING SPEED LIMIT

60 MPH

55 MPH

2.574

1 LANE

OPEN

DISTRICT: DALLAS

COUNTY: DENTON

HIGHWAY: US 377

CITY: ARGYLE

DATE OF STUDY 07-13-16

SCALE 1" = 0.1 MILES

MINUTE NO. :

DATE / /

REPLACES :

DATE / /

REPLACED BY :

DATE / /

CANCELLED BY :

DATE / /

LIMITS OF ZONE

SECTION ONE				SECTION TWO			
BEGINS	STA. OR M.P.	CONT. AND SECT.	PROJECT	BEGINS	STA. OR M.P.	CONT. AND SECT.	PROJECT
	0 + 00	-	()		0 + 00	-	()
	MP				MP		
ENDS	STA. OR M.P.	CONT. AND SECT.	PROJECT	ENDS	STA. OR M.P.	CONT. AND SECT.	PROJECT
	0 + 00	-	()		0 + 00	-	()
	MP				MP		

42 85 PERCENTILE SPEED
62 TOP SPEED MEASURED
125 NUMBER OF CARS CHECKED

- FATAL ACCIDENT
- PERSONAL INJURY ACCIDENT
- PROPERTY DAMAGE ACCIDENT

INDICATES SECTION ZONED
BY COMMISSION MINUTE

SIGNALIZED INTERSECTION

TRIAL RUN

SPEED ZONE

CONT. 0081 SEC. 03
LIMITS: TARRANT CO. LINE TO IH 35E

SHEET 11 OF 17

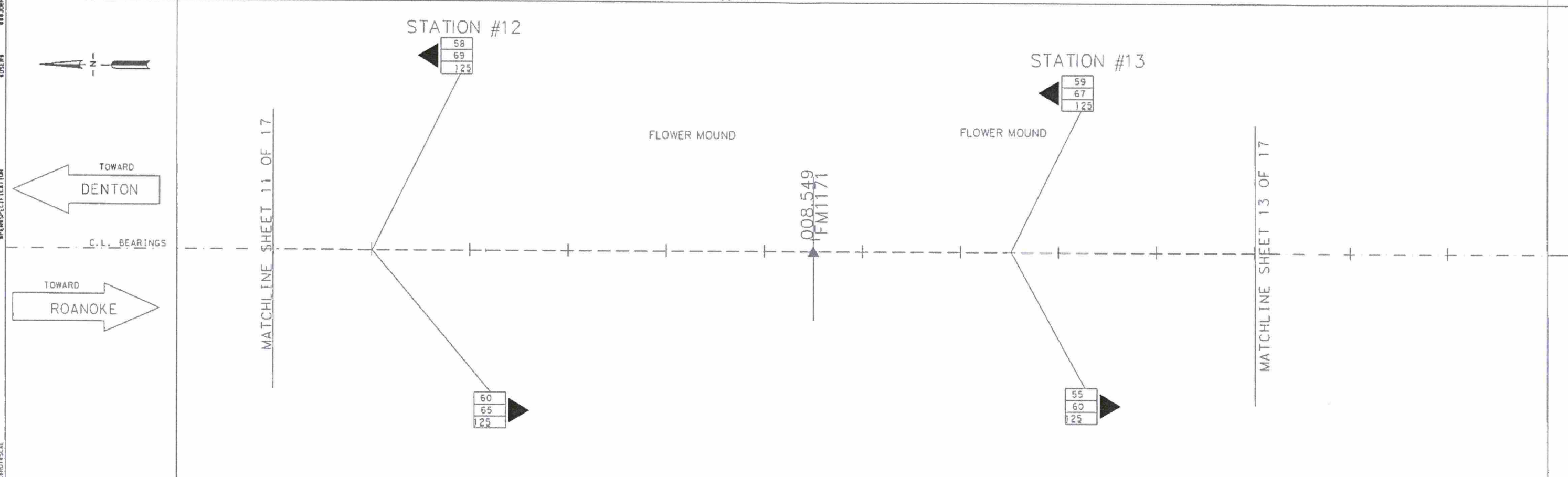
Texas Department of Transportation

SPEED STUDY
DENTON COUNTY
US 377

DESIGN TEAM	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
	STATE	STATE DIST. NO.	COUNTY
CHECKED	CONTROL NO.	SECTION NO.	JOB NO.

US 377

DEVELOPMENT	OPEN
RES. SIGHT DISTANCE	
BALL BANK OR ADVISORY SPEED	
CURVES OVER 2"	
GRADES OVER 3%	
SURFACE WIDTH AND TYPE	1 LANE
R.O.W. AND R.O.B.D. WIDTH	
ACCIDENTS	
ZONE LENGTHS (MILES)	2.574
ZONE SPEEDS (M.P.H.)	55 MPH



EXISTING SPEED LIMIT	60 MPH	45 MPH	60 MPH
ZONE SPEEDS (M.P.H.)		55 MPH	55 MPH
ZONE LENGTHS (MILES)		2.574	
ACCIDENTS			
R.O.W. AND R.O.B.D. WIDTH			
SURFACE WIDTH AND TYPE		1 LANE	
GRADES OVER 3%			
CURVES OVER 2"			
BALL BANK OR ADVISORY SPEED			
RES. SIGHT DISTANCE			
DEVELOPMENT	OPEN	COMMERCIAL	

DISTRICT: DALLAS	COUNTY: DENTON	MINUTE NO. :	DATE / /
HIGHWAY: US 377	CITY: ARGYLE/FLOWER MOUND	REPLACES :	DATE / /
DATE OF STUDY 07-13-16	SCALE 1" = 0.1 MILES	REPLACED BY :	DATE / /
		CANCELLED BY :	DATE / /
LIMITS OF ZONE			
SECTION ONE		SECTION TWO	
BEGINS	STA. OR M.P. CONT. AND SECT. PROJECT	BEGINS	STA. OR M.P. CONT. AND SECT. PROJECT
ENDS	STA. OR M.P. CONT. AND SECT. PROJECT	ENDS	STA. OR M.P. CONT. AND SECT. PROJECT

- 42 85 PERCENTILE SPEED
- 62 TOP SPEED MEASURED
- 125 NUMBER OF CARS CHECKED
- FATAL ACCIDENT
- PERSONAL INJURY ACCIDENT
- PROPERTY DAMAGE ACCIDENT
- INDICATES SECTION ZONED BY COMMISSION MINUTE
- SIGNALIZED INTERSECTION
- TRIAL RUN

SPEED ZONE
CONT. 0081 SEC. 03
LIMITS: TARRANT CO. LINE TO IH 35E

SHEET 12 OF 17

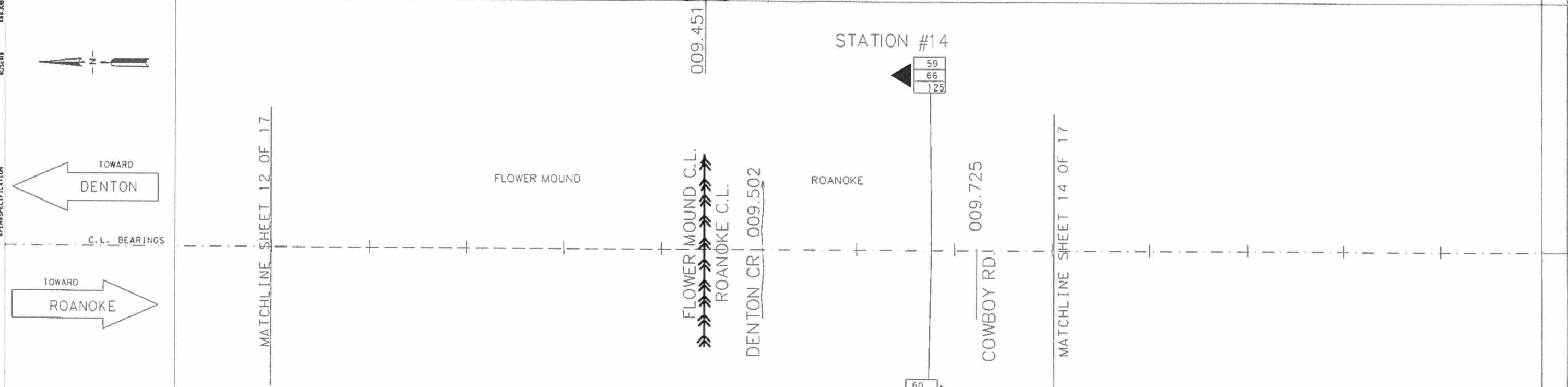
Texas Department of Transportation

SPEED STUDY
DENTON COUNTY
US 377

DESIGN TEAM	FED. RD. DIST. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
	STATE DIST. NO.	COUNTY	
CHECKED	CONTROL NO.	SECTION NO.	JOB NO. HIGHWAY NO.

US 377

DEVELOPMENT	OPEN
RES. SIGHT DISTANCE	
BALL BANK OR ADVISORY SPEED	
CURVES OVER 2"	
GRADES OVER 3%	
SURFACE WIDTH AND TYPE	1 LANE
R.O.W. AND ROBD. WIDTH	
ACCIDENTS	
ZONE LENGTHS (MILES)	2.574
ZONE SPEEDS (M.P.H.)	55 MPH



EXISTING SPEED LIMIT	
ZONE SPEEDS (M.P.H.)	60 MPH
ZONE LENGTHS (MILES)	55 MPH
ACCIDENTS	
R.O.W. AND ROBD. WIDTH	
SURFACE WIDTH AND TYPE	1 LANE
GRADES OVER 3%	
CURVES OVER 2"	
BALL BANK OR ADVISORY SPEED	
RES. SIGHT DISTANCE	
DEVELOPMENT	OPEN

DISTRICT: DALLAS	COUNTY: DENTON	MINUTE NO. :	DATE / /
HIGHWAY: US 377	CITY: ROANOKE	REPLACES :	DATE / /
DATE OF STUDY 07-13-16	SCALE 1" = 0.1 MILES	REPLACED BY :	DATE / /
		CANCELLED BY :	DATE / /

LIMITS OF ZONE			
SECTION ONE	LENGTH	MILES	SECTION TWO
BEGINS	STA. OR M.P.	CONT. AND SECT.	STA. OR M.P.
	0 + 00	-	
ENDS	STA. OR M.P.	CONT. AND SECT.	STA. OR M.P.
	0 + 00	-	

42 85 PERCENTILE SPEED
62 TOP SPEED MEASURED
125 NUMBER OF CARS CHECKED

- FATAL ACCIDENT
- PERSONAL INJURY ACCIDENT
- PROPERTY DAMAGE ACCIDENT

INDICATES SECTION ZONED BY COMMISSION MINUTE

SIGNALIZED INTERSECTION

TRIAL RUN

SPEED ZONE
CONT. 0081 SEC. 03
LIMITS: TARRANT CO. LINE TO IH 35E

SHEET 13 OF 17

Texas Department of Transportation

SPEED STUDY
DENTON COUNTY
US 377

DESIGN TEAM	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
	STATE	STATE DIST. NO.	COUNTY
CHECKED	CONTROL NO.	SECTION NO.	JOB NO.

US 377

DEVELOPMENT	OPEN
RES. SIGHT DISTANCE	
BALL BANK OR ADVISORY SPEED	
CURVES OVER 2°	
GRADES OVER 3%	
SURFACE WIDTH AND TYPE	1 LANE
R.O.W. AND RDBD. WIDTH	
ACCIDENTS	
ZONE LENGTHS (MILES)	1.696
ZONE SPEEDS (M.P.H.)	60 MPH

STATION #15

61
69
125

ROANOKE

CR 578 10.750

59
66
125TOWARD
DENTON

C.L. BEARINGS

TOWARD
ROANOKE

MATCHLINE SHEET 13 OF 17

DENTON RE 10.078

MATCHLINE SHEET 15 OF 17

EXISTING SPEED LIMIT	60 MPH
ZONE SPEEDS (M.P.H.)	60 MPH
ZONE LENGTHS (MILES)	1.696
ACCIDENTS	
R.O.W. AND RDBD. WIDTH	
SURFACE WIDTH AND TYPE	1 LANE
GRADES OVER 3%	
CURVES OVER 2°	
BALL BANK OR ADVISORY SPEED	
RES. SIGHT DISTANCE	
DEVELOPMENT	OPEN

DISTRICT: DALLAS	COUNTY: DENTON	MINUTE NO. :	DATE / /
HIGHWAY: US 377	CITY: ROANOKE	REPLACES :	DATE / /
DATE OF STUDY 11-30-16	SCALE 1" = 0.1 MILES	REPLACED BY :	DATE / /
		CANCELLED BY :	DATE / /

LIMITS OF ZONE

SECTION ONE				SECTION TWO			
BEGINS	STA. OR M.P.	CONT. AND SECT.	PROJECT	BEGINS	STA. OR M.P.	CONT. AND SECT.	PROJECT
	0 + 00	-	()		0 + 00	-	()
	MP				MP		
ENDS	STA. OR M.P.	CONT. AND SECT.	PROJECT	ENDS	STA. OR M.P.	CONT. AND SECT.	PROJECT
	0 + 00	-	()		0 + 00	-	()
	MP				MP		

42 85 PERCENTILE SPEED
62 TOP SPEED MEASURED
125 NUMBER OF CARS CHECKED

- FATAL ACCIDENT
- PERSONAL INJURY ACCIDENT
- PROPERTY DAMAGE ACCIDENT

INDICATES SECTION ZONED
BY COMMISSION MINUTE

SIGNALIZED INTERSECTION

TRIAL RUN

SPEED ZONE

CONT. 0081 SEC. 03
LIMITS: TARRANT CO. LINE TO IH 35E

SHEET 14 OF 17

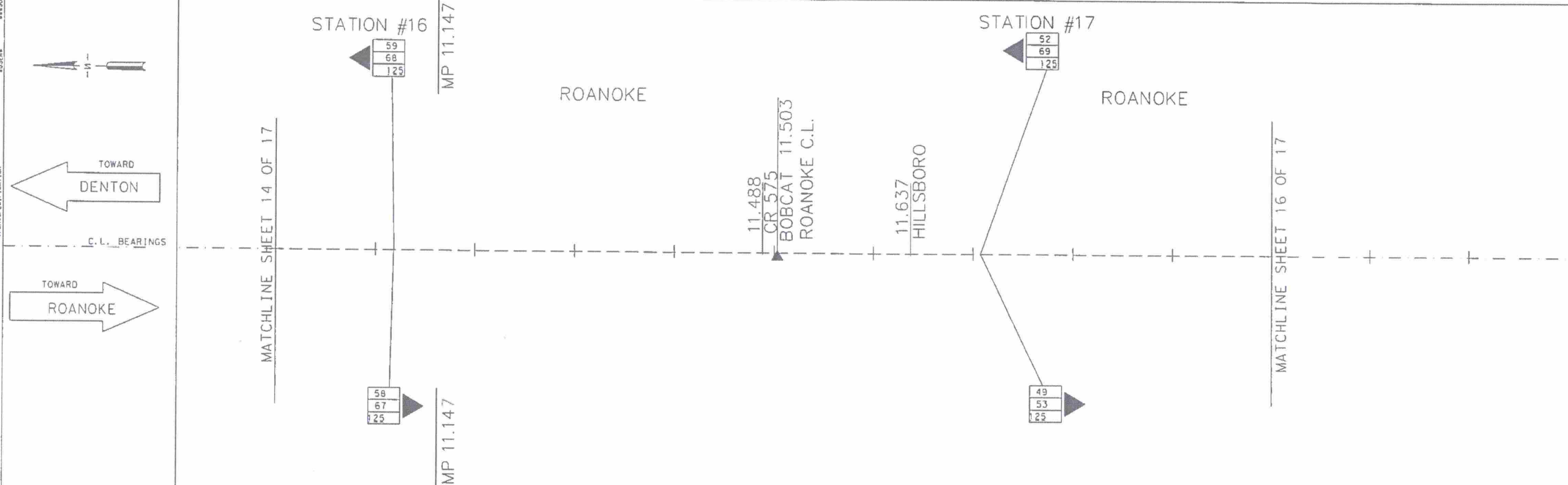
Texas Department of Transportation

SPEED STUDY
DENTON COUNTY
US 377

DESIGN TEAM	FED. RD. DIST. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
	STATE	COUNTY	
CHECKED	CONTROL NO.	SECTION NO.	HIGHWAY NO.

US 377

DEVELOPMENT	OPEN	OPEN/RESIDENTIAL
RES. SIGHT DISTANCE		
BALL BANK OR ADVISORY SPEED		
CURVES OVER 2°		
GRADES OVER 3%		
SURFACE WIDTH AND TYPE	1 LANE	
R.O.W. AND R.O.B.D. WIDTH		
ACCIDENTS		
ZONE LENGTHS (MILES)	1.695	2.451
ZONE SPEEDS (M.P.H.)	60 MPH	50 MPH



EXISTING SPEED LIMIT	60 MPH	50 MPH
ZONE SPEEDS (M.P.H.)	60 MPH	50 MPH
ZONE LENGTHS (MILES)	1.696	2.451
ACCIDENTS		
R.O.W. AND R.O.B.D. WIDTH		
SURFACE WIDTH AND TYPE	1 LANE	
GRADES OVER 3%		
CURVES OVER 2°		
BALL BANK OR ADVISORY SPEED		
RES. SIGHT DISTANCE		
DEVELOPMENT	OPEN	OPEN/COMMERCIAL

DISTRICT: GREENS		COUNTY: DENTON		MINUTE NO. : _____		DATE : ____/____/____	
HIGHWAY: US 377		CITY: ROANOKE		REPLACES : _____		DATE : ____/____/____	
DATE OF STUDY 11-30-16		SCALE 1" = 0.1 MILES		REPLACED BY : _____		DATE : ____/____/____	
				CANCELLED BY : _____		DATE : ____/____/____	
LIMITS OF ZONE							
SECTION ONE		LENGTH _____ MILES		SECTION TWO		LENGTH _____ MILES	
BEGINS	STA. OR M.P.	CONT. AND SECT.	PROJECT	BEGINS	STA. OR M.P.	CONT. AND SECT.	PROJECT
	0 + 00	-	()		+	-	()
	MP				MP		
ENDS	STA. OR M.P.	CONT. AND SECT.	PROJECT	ENDS	STA. OR M.P.	CONT. AND SECT.	PROJECT
	0 + 00	-	()		+	-	()
	MP				MP		

- 42 85 PERCENTILE SPEED
- 62 TOP SPEED MEASURED
- 125 NUMBER OF CARS CHECKED
- FATAL ACCIDENT
- PERSONAL INJURY ACCIDENT
- PROPERTY DAMAGE ACCIDENT
- INDICATES SECTION ZONED BY COMMISSION MINUTE
- SIGNALIZED INTERSECTION
- TRIAL RUN

SPEED ZONE

CONT. 0081 SEC. 03
LIMITS: TARRANT CO. LINE TO IH 35E

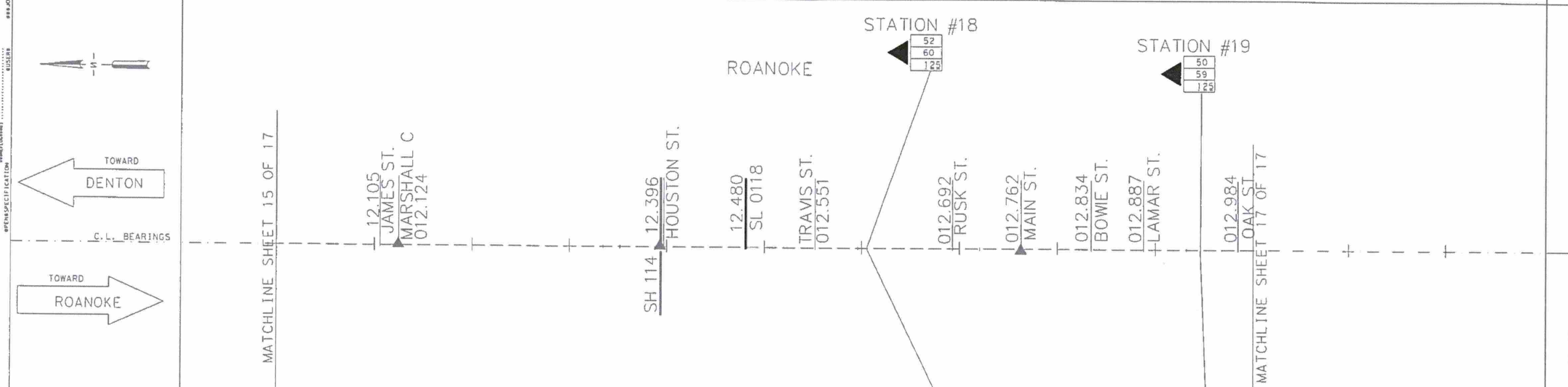
SHEET 15 OF 17

Texas Department of Transportation

SPEED STUDY
DENTON COUNTY
US 377

DESIGN TEAM	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
	STATE DIST. NO.	COUNTY	
CHECKED	CONTR. NO.	SECTION NO.	JOB NO. HIGHWAY NO.

DEVELOPMENT	OPEN/RESIDENTIAL	COMMERCIAL
RES. SIGHT DISTANCE		
BALL BANK OR ADVISORY SPEED		
CURVES OVER 2'		
GRADES OVER 3%		
SURFACE WIDTH AND TYPE		
R.O.W. AND RDBD. WIDTH		
ACCIDENTS		
ZONE LENGTHS (MILES)		
ZONE SPEEDS (M.P.H.)		



EXISTING SPEED LIMIT		50 MPH	
ZONE SPEEDS (M.P.H.)		50 MPH	
ZONE LENGTHS (MILES)		2.451	
ACCIDENTS			
R.O.W. AND RDBD. WIDTH			
SURFACE WIDTH AND TYPE		2 LANES	
GRADES OVER 3%		1 LANE	
CURVES OVER 2"			
BALL BANK OR ADVISORY SPEED			
RES. SIGHT DISTANCE			
DEVELOPMENT		OPEN/COMM./RESI.	
DISTRICT: DALLAS	COUNTY: DENTON	OPEN/COMMERCIAL	
MINUTE NO. 1		DATE 6/6/71	

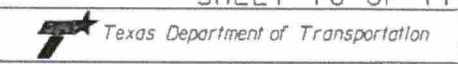
HIGHWAY: US 377		CITY: ROANOKE		REPLACES : _____		DATE ____/____/____	
DATE OF STUDY 11-30-16		SCALE 1" = 0.1 MILES		REPLACED BY : _____		DATE ____/____/____	
				CANCELLED BY : _____		DATE ____/____/____	
LIMITS OF ZONE							
SECTION ONE		LENGTH _____ MILES		SECTION TWO		LENGTH _____ MILES	
BEGINS	STA. OR M.P.	CONT. AND SECT.	PROJECT	BEGINS	STA. OR M.P.	CONT. AND SECT.	PROJECT
	0 + 00	-	()		0 + 00	-	()
	MP				MP		
ENDS	STA. OR M.P.	CONT. AND SECT.	PROJECT	ENDS	STA. OR M.P.	CONT. AND SECT.	PROJECT
	0 + 00	-	()		0 + 00	-	()
	MP				MP		

- 
- | | |
|-----|------------------------|
| 42 | 85 PERCENTILE SPEED |
| 62 | TOP SPEED MEASURED |
| 125 | NUMBER OF CARS CHECKED |
- FATAL ACCIDENT
 ● PERSONAL INJURY ACCIDENT
 ○ PROPERTY DAMAGE ACCIDENT
- INDICATES SECTION ZONED BY COMMISSION MINUTE
- ▲ SIGNALIZED INTERSECTION
 ○ TRIAL RUN

SPEED ZONE

CONT. 0081 SEC. 03
LIMITS: TARRANT CO. LINE TO IH 35E

SHEET 16 OF 17



SPEED STUDY
DENTON COUNTY
US 377

DESIGN TEAM	FED. RD. DIST. NO.	FEDERAL AID PROJECT NO.		SHEET NO.
	STATE	STATE DIST. NO.	COUNTY	
CHECKED	CONTROL NO.	SECTION NO.	JOB NO.	HIGHWAY NO.

DEVELOPMENT	OPEN/RESIDENTIAL
RES. SIGHT DISTANCE	
BALL BANK OR ADVISORY SPEED	
CURVES OVER 2"	
GRADES OVER 3%	
SURFACE WIDTH AND TYPE	
R.O.W. AND RDBD. WIDTH	2 LANES
ACCIDENTS	
ZONE LENGTHS (MILES)	2.451
ZONE SPEEDS (M.P.H.)	50 MPH
EXISTING SPEED LIMIT	
ZONE SPEEDS (M.P.H.)	50 MPH
ZONE LENGTHS (MILES)	50 MPH
ACCIDENTS	
R.O.W. AND RDBD. WIDTH	2.451
SURFACE WIDTH AND TYPE	2 LANES
GRADES OVER 3%	
CURVES OVER 2"	
BALL BANK OR ADVISORY SPEED	
RES. SIGHT DISTANCE	
DEVELOPMENT	OPEN/COMMERCIAL

DISTRICT: DALLAS	COUNTY: DENTON	MINUTE NO. : _____	DATE / /
HIGHWAY: US 377	CITY: ROANOKE	REPLACES : _____	DATE / /
DATE OF STUDY 11-30-16	SCALE 1" = 0.1 MILES	REPLACED BY : _____	DATE / /
		CANCELLED BY : _____	DATE / /

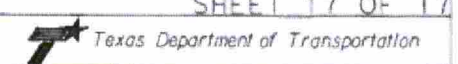
LIMITS OF ZONE							
SECTION ONE		LENGTH _____ MILES		SECTION TWO		LENGTH _____ MILES	
BEGINS	STA. OR M.P.	CONT. AND SECT.	PROJECT	BEGINS	STA. OR M.P.	CONT. AND SECT.	PROJECT
	0 + 00	-	()		0 + 00	-	()
	MP				MP		
BEGINS	STA. OR M.P.	CONT. AND SECT.	PROJECT	BEGINS	STA. OR M.P.	CONT. AND SECT.	PROJECT
	0 + 00	-	()		0 + 00	-	()
	MP				MP		

 85 PERCENTILE SPEED
 TOP SPEED MEASURED
 NUMBER OF CARS CHECKED
 FATAL ACCIDENT
 PERSONAL INJURY ACCIDENT
 PROPERTY DAMAGE ACCIDENT
 INDICATES SECTION ZONED BY COMMISSION MINUTE
 SIGNALIZED INTERSECTION
 TRIAL RUN

SPEED ZONE

CONT. 0081 SEC. 03
LIMITS: TARRANT CO. LINE TO IH 35E

SHEET 17 OF 17



SPEED STUDY
DENTON COUNTY
US 377

DESIGN TEAM	FED. NO.	FEDERAL AID PROJECT NO.		SHEET NO.
	DIV. NO.			
	STATE	STATE DIST. NO.	COUNTY	
CHECKED	CONTROL NO.	SECTION NO.	JOB NO.	HIGHWAY NO.