


# Texas Department of Transportation

P.O. BOX 1386 • HOUSTON, TEXAS 77251-1386 • (713) 802-5000

## NOTICE

The attached documents are for the Environmental Speed Limit of 60 to 65 miles per hour on US 290  
Between / at Pine Mount & Wallis / Waller County Line  
and is established by Texas Transportation Commission Minute  
Order Number 109064 passed on October 31, 2002. This order  
Has not been revoked and is current as of 2 / 5 / 2009.  
No traffic Engineering Study is required to establish speed  
limits under this minute order.

 Otto J. Marrett

2 / 5 / 2009

Custodian of Records  
Houston District  
Texas Department of Transportation



## MEMORANDUM

**TO:** Walter O. Crook, P.E. and Gary K. Trietsch, P.E. **Date:** November 4, 2002

**FROM:** Michael W. Behrens, P.E. *M. W. Behrens*

**SUBJECT:** Environmental Speed Limits

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By letter dated November 4, 2002 (copy attached), the Texas Commission on Environmental Quality (TCEQ) requested that the Texas Department of Transportation implement new environmental speed limits in the eight-county Houston-Galveston nonattainment area. TCEQ's request conforms with the requirements of Minute Order 109064, and I direct you to erect or modify the appropriate signs showing the environmental speed limits as listed in the aforementioned minute order.

If you have any further questions, please call Carlos Lopez at (512) 416-3200.

### Attachment

cc: Texas Transportation Commission  
Dianna Noble, P.E., ENV  
Carlos A. Lopez, P.E. TRF  
Richard Monroe, OGC  
Jack Gilbert, OAG

Robert J. Huston, *Chairman*  
R. B. "Ralph" Marquez, *Commissioner*  
Kathleen Hartnett White, *Commissioner*  
Margaret Hoffman, *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

November 4, 2002

Mr. Carlos A. Lopez, P.E., Director  
Traffic Operations Division  
Texas Department of Transportation  
125 East 11<sup>th</sup> Street  
Austin, Texas 78701-2483

Mr. Mike Stretch, Director  
Harris County Toll Road Authority  
330 Meadowfern, Suite 200  
Houston, Texas 77067

Dear Messrs. Lopez and Stretch:

On behalf of the Texas Commission on Environmental Quality (TCEQ), this letter is to request that your agencies implement the revised environmental speed limit in the eight county Houston-Galveston nonattainment area (HGA) approved by the TCEQ September 25, 2002. This revision was approved November 4 by the U.S. Environmental Protection Agency. Environmental quality studies show that changing the speed limits to five miles per hour less than the pre-existing regulatory speed limits will have a positive effect on air quality.

On September 25, the TCEQ revised the HGA speed limit reduction strategy by suspending the 55 mph environmental speed limit until May 1, 2005, and by increasing speeds to 5 mph below what was posted before May 1, 2002, where speeds were 65 mph or higher. In other words, speed limits in the 8-county HGA should return to their original posted speed limit, minus 5 mph on all affected roadways for all vehicle types. The TCEQ continues to concur with the recommendation to exempt high-occupancy vehicles lanes from the environmental speed limit strategy.

11/04/02 10:33  
Nov 04 02 10:47a

512 305 9587

TxDOT ENVIRONMENTAL

BEHRENS-HANDRICK --- HOU DISTRICT  
DISTRICT

00000000

Nov-04-02 09:46am From: TNRCC DEPAA ADMIN

+512 230 5687

T-735 P. 003/003 F-783

Mr. Carlos A. Lopez & Mr. Mike Stretch

Page 2

November 4, 2002

If you have questions or need assistance on this matter, please contact Margie McAllister of my staff at 512-239-1967 or [mmcallis@tceq.state.tx.us](mailto:mmcallis@tceq.state.tx.us).

Sincerely,



Karen Atkinson, Director  
Strategic Assessment Division

cc: The Honorable Robert Eckels, Harris County Judge  
Mr. C.D. Reagan, Regional Administrator, Federal Highway Administration  
Mr. Alan Clark, Director, Metropolitan Planning Organization, Houston-Galveston Area Council  
Mr. Gary K. Trietsch, P.E., Texas Department of Transportation, Houston District  
Mr. Walter Crook, P.E., Texas Department of Transportation, Beaumont District  
Ms. Shirley A. DeLibero, President and Chief Executive Officer, METRO

TEXAS TRANSPORTATION COMMISSION

MINUTE ORDER

Page 1 of 2

VARIOUS County

Districts VARIOUS

The Texas Commission on Environmental Quality (TCEQ), formerly known as the Texas Natural Resource Conservation Commission, is the state agency primarily responsible for developing the state's plan to attain or maintain air quality levels that satisfy the federal National Ambient Air Quality Standards (NAAQS). The Houston-Galveston Attainment Demonstration State Implementation Plan (Rule Log # 200-011-SIP-AI) is a portion of this statewide plan and contains detailed requirements for establishing environmental speed limits for various categories of public roads, streets, and highways.

By letters dated October 19, 2001 and November 26, 2001, TCEQ requested the Texas Department of Transportation (department), pursuant to Title 43, Sections 25.23 and 25.24 of the Texas Administrative Code, to establish environmental speed limits on various roadways in the Houston-Galveston and Beaumont areas. Based upon the studies and conclusions of TCEQ, the Texas Transportation Commission (commission) concurred that lower vehicle speeds on certain portions of the state highway system in the Houston-Galveston and Beaumont areas would assist the state in attaining or maintaining the federal NAAQS. The commission also evaluated these proposed environmental speed limits and found that the requested speed limits were reasonable and served the long-term interests of the department and the State of Texas. By Minute Orders 108749 and 108783, the commission directed the department to establish environmental speed limits consistent with TCEQ's request.

TCEQ concluded, based on an air quality study, that the implementation of new environmental speed limits on certain portions of the state highway system in the Houston-Galveston and Beaumont areas would assist the state in attaining or maintaining the federal NAAQS. Exhibit A of this minute order lists the segments of the state highway system on which TCEQ has determined new environmental speed limits are necessary for the areas to best attain or maintain the federal NAAQS.

By letter dated September 25, 2002, TCEQ informed the department that they were proceeding through required processes with the United States Environmental Protection Agency to revise the Houston-Galveston Attainment Demonstration State Implementation Plan and anticipated requesting the department to increase the current speeds permitted by the environmental speed limits authorized by Minute Orders 108749 and 108783 and which are included as Exhibit B. TCEQ has indicated that the anticipated new environmental speed limits will be five miles per hour (mph) under the preexisting regulatory speed limits of 70 and 65 mph.

The department has investigated the feasibility of implementing TCEQ's proposed increase of the environmental speed limits and concludes that such a request would comply with the requirements of Title 43, Sections 25.23 and 25.24 of the Texas Administrative Code.

Based upon the studies and conclusions of TCEQ and the department's evaluation of the proposal, the commission concurs that new environmental speed limits that are five mph less than the preexisting regulatory speed limits of 70 and 65 mph on certain portions of the state highway system in the Houston-Galveston and Beaumont areas would assist the state in attaining or maintaining the federal NAAQS. The commission has also evaluated these proposed environmental speed limits and finds that they are reasonable and serve the long-term interests of the department and the State of Texas.

TEXAS TRANSPORTATION COMMISSION

VARIOUS County

MINUTE ORDER

Page 2 of 2

Districts VARIOUS

IT IS THEREFORE ORDERED by the commission that the executive director, upon receipt of a request that complies with Title 43, Sections 25.23 and 25.24 of the Texas Administrative Code, will review the new environmental speed limits as determined by TCEQ and listed in Exhibit A of this order. Upon performance of this non-discretionary review, the executive director will accept the request on behalf of the commission in accordance with Title 43, Sections 25.23 and 25.24 of the Texas Administrative Code. The executive director is directed to implement this order for control and enforcement purposes by the erection of appropriate signs showing environmental speed limits.

IT IS FURTHER ORDERED that the environmental speed limits shown in Exhibit B are canceled upon implementation of the new environmental speed limits listed in Exhibit A.

IT IS FURTHER ORDERED that a provision of any prior order by the commission which is in conflict with a provision of this order, with the exception of school and construction speed zones, is superceded to the extent of that conflict.

Submitted and reviewed by:

Recommended by:

\_\_\_\_\_  
Director, Traffic Operations Division

\_\_\_\_\_  
Executive Director

**ENVIRONMENTAL SPEED ZONES**

County (City)	Highway Control Section	Limits		Length (Miles)	Speed (Miles Per Hour)
		BEGIN MP-Milepoint	END MP-Milepoint		
<b>Houston District</b>					
Galveston	SH 87 367-3	MP 9.600	MP 13.295	3.695	60
	SH 87 367-3	MP 13.295	MP 14.500	1.205	60
Galveston	SH 87 367-4	MP 20.175	MP 27.000	6.825	60
	SH 146 389-6	MP 7.025	MP 10.865	3.840	65
Harris	BU 290 H 50-6	MP 2.000	MP 5.500	3.500	80
	BU 290 H 50-6	MP 6.200	MP 6.842	0.642	60
Harris	BU 290 H 50-6	MP 20.000	MP 20.064	0.064	60

**ENVIRONMENTAL SPEED ZONES**

County (City)	Highway Control Section	Limits MP-Milepoint	BEGIN	END	Length (Miles)	Speed (Miles Per Hour)
<b>Houston District</b>						
Harris	FM 1942 1812-1	MP 2.560		MP 8.965	6.405	60
Harris	FM 1960 1685-3	MP 36.000		MP 38.521	2.521	60
Harris	IH 10 271-6	MP 0.784		MP 8.820	8.036	65
Harris	IH 10 271-7	MP 8.820		MP 15.093	6.273	60
Harris	IH 10 508-1	MP 38.730		MP 55.753	17.023	65
Harris	IH 45 110-5	MP 39.760		MP 48.816	9.056	65
Harris	IH 45 110-6	MP 37.765		MP 39.760	1.995	65



**ENVIRONMENTAL SPEED ZONES**

County (City)	Highway Control Section	Limits MP-Milepoint	Length (Miles)	Speed (Miles Per Hour)
		BEGIN	END	
<b>Houston District</b>				
Harris	IH 45 500-3	MP 0.000	MP 3.781	65
Harris	IH 45 500-3	MP 3.781	MP 8.666	65
Harris	SH 146 389-5	MP 0.000	MP 1.608	60
Harris	SH 146 389-5	MP 1.608	MP 3.113	60
Harris	SH 146 389-5	MP 3.113	MP 3.691	60
Harris	SH 146 389-5	MP 3.691	MP 3.739	60
Harris	SH 146 389-5	MP 3.739	MP 3.778	60

**ENVIRONMENTAL SPEED ZONES**

County (City)	Highway Control Section	Limits MP-Milepoint	BEGIN	END	Length (Miles)	Speed (Miles Per Hour)
<b>Houston District</b>						
Harris	SH 146 389-5	MP 3.778	MP 5.059	1.281	60	
Harris	SH 146 389-12	MP 7.273	MP 8.845	1.572	60	
Harris	SH 146 389-12	MP 8.845	MP 11.024	2.179	60	
Harris	SH 146 389-13	MP 10.000	MP 16.589	6.589	60	
Harris	SH 225 502-1	MP 2.594	MP 9.560	6.966	65	
Harris	SH 225 502-1	MP 9.560	MP 12.452	2.892	65	
Harris	SH 225 502-1	MP 12.452	MP 16.481	4.029	65	



**ENVIRONMENTAL SPEED ZONES**

County (City)	Highway Control Section	Limits		Length (Miles)	Speed (Miles Per Hour)
		BEGIN MP-Milepoint	END MP-Milepoint		
<i>Houston District</i>					
*Harris	SL 8 3256-3	MP 1.213	MP 1.513	0.300	60
*Harris	SL 8 FR 3256-3	MP 1.513	MP 3.000	1.487	60
*Harris	SL 8 3256-3	MP 3.000	MP 6.724	3.724	65
*Harris	SL 8 FR 3256-3	MP 19.717	MP 26.043	6.326	60
Harris	SS 548 2483-1	MP 1.000	MP 2.506	1.506	65
Harris	US 59 27-13	MP 4.424	MP 15.966	11.542	60
Harris	US 59 177-6	MP 1.000	MP 3.971	2.971	65

\*This applies only to portions of SL 8 that are under department jurisdiction.

**ENVIRONMENTAL SPEED ZONES**

County (City)	Highway Control Section	Limits		Length (Miles)	Speed (Miles Per Hour)
		BEGIN MP-Milepoint	END MP-Milepoint		
<b>Houston District</b>					
Harris	US 59 177-7	MP 3.971	MP 4.000	0.029	65
Harris	US 59 177-11	MP 0.000	MP 4.220	4.220	60
Harris	US 59 177-11	MP 4.220	MP 5.040	0.820	60
Harris	US 90 28-2	MP 8.708	MP 16.200	7.492	65
Harris	US 90 28-2	MP 16.200	MP 19.500	3.300	65
Harris	US 90 28-2	MP 19.500	MP 24.636	5.136	65
Harris	US 290 50-6	MP 7.287	MP 18.159	10.872	65

**ENVIRONMENTAL SPEED ZONES**

County (City)	Highway Control Section	Limits		Length (Miles)	Speed (Miles Per Hour)
		BEGIN MP-Milepoint	END MP-Milepoint		
<i>Houston District</i>					
Harris	US 290 50-8	MP 18.159	MP 22.778	4.619	65
Harris	US 290 50-8	MP 22.778	MP 24.593	1.815	65
Harris	US 290 50-9	MP 29.073	MP 30.124	1.051	65
Harris	US 290 50-9	MP 30.124	MP 30.929	0.805	65
Harris	US 290 50-9	MP 30.929	MP 36.549	5.620	60
Harris	US 290 114-12	MP 0.000	MP 7.537	7.537	65
Montgomery	FM 1375 1402-3	MP 0.000	MP 6.097	6.097	60

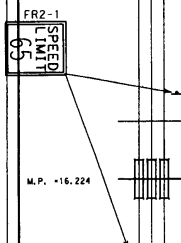
DEVELOPMENT  
 ALL LOTS 30 FT DISTANCE  
 FROM CENTERLINE  
 UNLESS OTHERWISE NOTED  
 GRADE OVER 30 TYPE  
 O. M. / ROAD WIDTH  
 COLLIDERS  
 ONE LENGTH (MILE)  
 ONE SPEED (M.P.H.)

TOWARD NORTH  
 WASHINGTON CD.

TOWARD SOUTH  
 HOUSTON

CONTROL SECTION  
 114-11

MATCH LINE M.P. 13.623 - SEE SHEET 5



SECTION ONE	LENGTH	SCALE	DATE
SECTION ONE	18.583 MILES	5" = 1 MILE	DATE
SECTION TWO	LENGTH	SCALE	DATE
SECTION TWO	LENGTH	SCALE	DATE

SECTION ONE	LENGTH	SCALE	DATE
SECTION ONE	LENGTH	SCALE	DATE
SECTION TWO	LENGTH	SCALE	DATE
SECTION TWO	LENGTH	SCALE	DATE

ALL BANK OR ADVISORY SPEED  
 ZONES ARE TO BE 1/4 MILE  
 LONG UNLESS OTHERWISE NOTED

LIMITS OF ZONE  
 SECTION ONE  
 SECTION TWO  
 SECTION THREE

SPEED CHECK BY: X  
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 DATE: 4/02  
 CHECKED BY: R.P.S.  
 DATE: 4/02  
 DRAWING FILE: 589-600

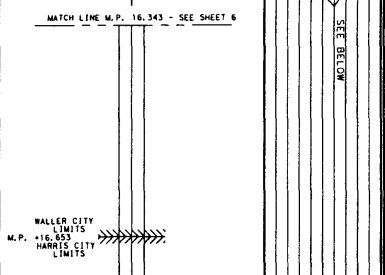
WALLER COUNTY - HOUSTON DISTRICT  
 3535 TIMON LANE, SUITE 1000, HOUSTON, TEXAS 77057 (713) 594-4140

SPEED ZONE MAP  
 US 290  
 X

0290/05 290(114-11)-dm 11/15/02 03:23:08 PM

ESTIMATED SIGHT DISTANCE  
LIMITS OVER 2'  
ON RADIUS AND TYPE  
CLOSURE, WIDTH  
ONE LENGTH (MILE)  
ONE SPEEDS (MPH)

CONTROL SECTION  
11.4 - 11  
TOWARD NORTH  
WASHINGTON CD.  
TOWARD SOUTH  
HOUSTON



SECTION ONE	SECTION TWO	SECTION THREE	SECTION FOUR	SECTION FIVE
ST. OR M.P.	ST. OR M.P.	ST. OR M.P.	ST. OR M.P.	ST. OR M.P.
COM. 1. SEC.	COM. 1. SEC.	COM. 1. SEC.	COM. 1. SEC.	COM. 1. SEC.
PROJCT	PROJCT	PROJCT	PROJCT	PROJCT

SECTION ONE	SECTION TWO	SECTION THREE	SECTION FOUR	SECTION FIVE
ST. OR M.P.	ST. OR M.P.	ST. OR M.P.	ST. OR M.P.	ST. OR M.P.
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PROJCT	PROJCT	PROJCT	PROJCT	PROJCT

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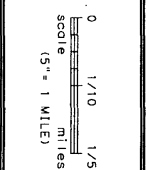
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WALLER COUNTY - HOUSTON DISTRICT

### LEGEND

- KS 85 PERCENTILE SPEED
- XS 50 PERCENTILE SPEED
- XS Number of Data Collected
- DRIVE THRU SPEED CHECKS
- INDICATE SECTION BOUND BY COMMISSION DIVISION
- SIGNALIZED INTERSECTION
- ALL WAY STOP
- 2-WAY STOP
- ACCIDENT CODE
- PROPERTY DAMAGE
- PERSONAL INJURY
- FATAL



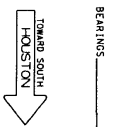
SPEED CHECK BY: X  
 DATE: X  
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 DATE: 4/02  
 CHECKED BY: R.P.S.  
 DATE: 4/02  
 DRAWING FILE: SUT 290

DALLAS COUNTY PROFESSIONAL ENGINEER  
 3835 TIMONS LANE, SUITE 1200, ADDICKS, TEXAS 75001 (713) 503-4140

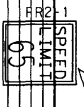
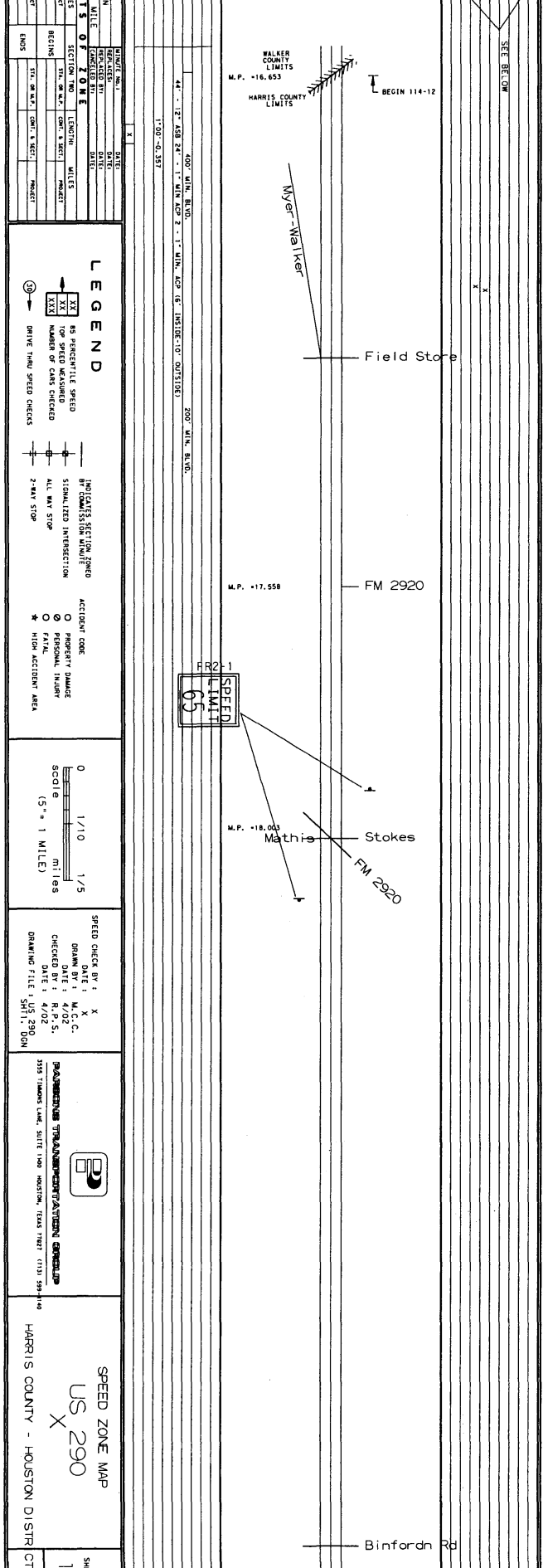
SPEED ZONE MAP  
 US 290  
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 WALLER COUNTY - HOUSTON DISTRICT



ESTABLISHED  
 EXISTING SIGHT DISTANCE  
 HAVE OVER 2 ADVISORY SPEED  
 BEYOND OVER 35  
 UN. WIDTH AND TYPE  
 CLOSING TO WIDTH  
 SNE LENGTHS (MILES)  
 SNE SPEEDS (MPH)  
 CONTROL SECTION  
 114-12

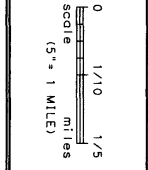


SECTION NO.	LENGTH	CONTRACT NO.	DATE
1	1.740	114-12	11/19/02
2	1.740	114-12	11/19/02
3	1.740	114-12	11/19/02
4	1.740	114-12	11/19/02
5	1.740	114-12	11/19/02



**LEGEND**

X	85 PERCENTILE SPEED
XX	TOP SPEED MEASURED
XXX	NUMBER OF CAR CHECKS
③	DRIVE THRU SPEED CHECKS
+	INDICATES TOP MIN. SPEED
+	SIGNALIZED INTERSECTION
+	ALL WAY STOP
+	2-WAY STOP
○	ACCIDENT CODE
○	PROPERTY DAMAGE
○	PERSONAL INJURY
○	FATAL
*	HIGH ACCIDENT AREA

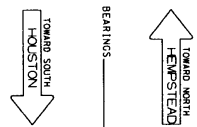


SPEED CHECK BY: X  
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 CHECKED BY: R.P.S.  
 DATE: 4/02  
 DRAWING FILE: US 290  
 SMT, DON



SPEED ZONE MAP  
 US 290  
 HARRIS COUNTY - HOUSTON DISTRICT

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 SECTION 100



MATCH LINE W.P. 19,320 - SEE SHEET 1



Kickapoo

Kermier Rd

SECTION	LENGTH	DATE	PROJECT
SECTION ONE	1.740 MILES	4/02	HARRIS
SECTION TWO	1.740 MILES	4/02	HARRIS
SECTION THREE	1.740 MILES	4/02	HARRIS
SECTION FOUR	1.740 MILES	4/02	HARRIS
SECTION FIVE	1.740 MILES	4/02	HARRIS
SECTION SIX	1.740 MILES	4/02	HARRIS
SECTION SEVEN	1.740 MILES	4/02	HARRIS
SECTION EIGHT	1.740 MILES	4/02	HARRIS
SECTION NINE	1.740 MILES	4/02	HARRIS
SECTION TEN	1.740 MILES	4/02	HARRIS
SECTION ELEVEN	1.740 MILES	4/02	HARRIS
SECTION TWELVE	1.740 MILES	4/02	HARRIS
SECTION THIRTEEN	1.740 MILES	4/02	HARRIS
SECTION FOURTEEN	1.740 MILES	4/02	HARRIS
SECTION FIFTEEN	1.740 MILES	4/02	HARRIS
SECTION SIXTEEN	1.740 MILES	4/02	HARRIS
SECTION SEVENTEEN	1.740 MILES	4/02	HARRIS
SECTION EIGHTEEN	1.740 MILES	4/02	HARRIS
SECTION NINETEEN	1.740 MILES	4/02	HARRIS
SECTION TWENTY	1.740 MILES	4/02	HARRIS
SECTION TWENTY ONE	1.740 MILES	4/02	HARRIS
SECTION TWENTY TWO	1.740 MILES	4/02	HARRIS
SECTION TWENTY THREE	1.740 MILES	4/02	HARRIS
SECTION TWENTY FOUR	1.740 MILES	4/02	HARRIS
SECTION TWENTY FIVE	1.740 MILES	4/02	HARRIS
SECTION TWENTY SIX	1.740 MILES	4/02	HARRIS
SECTION TWENTY SEVEN	1.740 MILES	4/02	HARRIS
SECTION TWENTY EIGHT	1.740 MILES	4/02	HARRIS
SECTION TWENTY NINE	1.740 MILES	4/02	HARRIS
SECTION THIRTY	1.740 MILES	4/02	HARRIS

**LEGEND**

XXI AS PRESENT SPEED  
 XXII TOP SPEED MEASURED  
 XXX NUMBER OF DAYS CHECKED

INDICATES SECTION FOUND BY COMMISSION MINUTE  
 SIGNALIZED INTERSECTION  
 ALL WAY STOP  
 2 WAY STOP

ACCIDENT CODE  
 O PROPERTY DAMAGE  
 P PERSONAL INJURY  
 \* HIGH ACCIDENT AREA

0 1/10 1/5  
 SCOLE (5" = 1 MILE)

SPEED CHECK BY: X  
 DRAWN BY: M.C.C.  
 CHECKED BY: R.P.S.  
 DATE: 4/02/00  
 DRAWING FILE: SH72

0 1/10 1/5  
 SCOLE (5" = 1 MILE)

SPEED CHECK BY: X  
 DRAWN BY: M.C.C.  
 CHECKED BY: R.P.S.  
 DATE: 4/02/00  
 DRAWING FILE: SH72

0 1/10 1/5  
 SCOLE (5" = 1 MILE)

3555 TIMBER LAKE, SUITE 1100 HOUSTON, TEXAS 77057 (713) 598-9440

SPEED ZONE MAP  
 US 290  
 HARRIS COUNTY - HOUSTON DISTRICT

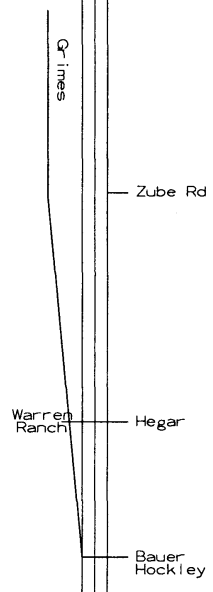
ELEVATION: 51.87  
 ALL BANK OR ADVISORY SPEED  
 LIMITS ARE TO BE MAINTAINED  
 UNLESS OTHERWISE NOTED  
 DATE: 4/02  
 DRAWN BY: M.A.C.  
 CHECKED BY: R.P.S.  
 DATE: 4/02  
 DRAWING FILE: 24033

CONTROL SECTION  
 114-12

TOWARD NORTH  
 HEWSPRIDEAD

TOWARD SOUTH  
 HOUSTON

MATCH LINE W.P. 22.041 - SEE SHEET 2



FR2  
 SPEED  
 LIMIT  
 65

END 114-12  
 BEGIN 50-06

M.P. +24.033

SECTION NO.	LENGTH	SECTION NO.	LENGTH	SECTION NO.	LENGTH
1	1.00	2	1.00	3	1.00
4	1.00	5	1.00	6	1.00
7	1.00	8	1.00	9	1.00
10	1.00	11	1.00	12	1.00

SECTION NO.	LENGTH	SECTION NO.	LENGTH	SECTION NO.	LENGTH
13	1.00	14	1.00	15	1.00
16	1.00	17	1.00	18	1.00
19	1.00	20	1.00	21	1.00
22	1.00	23	1.00	24	1.00

SECTION NO.	LENGTH	SECTION NO.	LENGTH	SECTION NO.	LENGTH
25	1.00	26	1.00	27	1.00
28	1.00	29	1.00	30	1.00
31	1.00	32	1.00	33	1.00
34	1.00	35	1.00	36	1.00

SECTION NO.	LENGTH	SECTION NO.	LENGTH	SECTION NO.	LENGTH
37	1.00	38	1.00	39	1.00
40	1.00	41	1.00	42	1.00
43	1.00	44	1.00	45	1.00
46	1.00	47	1.00	48	1.00

SECTION NO.	LENGTH	SECTION NO.	LENGTH	SECTION NO.	LENGTH
49	1.00	50	1.00	51	1.00
52	1.00	53	1.00	54	1.00
55	1.00	56	1.00	57	1.00
58	1.00	59	1.00	60	1.00

SECTION NO.	LENGTH	SECTION NO.	LENGTH	SECTION NO.	LENGTH
61	1.00	62	1.00	63	1.00
64	1.00	65	1.00	66	1.00
67	1.00	68	1.00	69	1.00
70	1.00	71	1.00	72	1.00

SECTION NO.	LENGTH	SECTION NO.	LENGTH	SECTION NO.	LENGTH
73	1.00	74	1.00	75	1.00
76	1.00	77	1.00	78	1.00
79	1.00	80	1.00	81	1.00
82	1.00	83	1.00	84	1.00

02380/038 290(114-12).dgn 11/19/02 09:42:58 AM

**LEGEND**

XX 64 PERCENTILE SPEED  
 XX TOP SPEED MEASUREMENT  
 XX NUMBER OF CARS CHECKED  
 INDICATES SECTION JOINED  
 BY COMMISSION MEMBER  
 STIPPLIZED INTERSECTION  
 ALL WAY STOP  
 2-WAY STOP  
 ACCIDENT CODE  
 O PROPERTY DAMAGE  
 P PERSONAL INJURY  
 X HIGH ACCIDENT AREA

0 1/10 1/5  
 SCALE  
 (5" = 1 MILE)

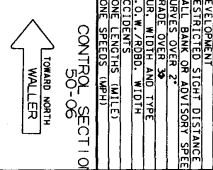
SPEED CHECK BY: X  
 DRAWN BY: M.A.C.  
 DATE: 4/02  
 CHECKED BY: R.P.S.  
 DATE: 4/02  
 DRAWING FILE: 24033

HARRIS COUNTY ENGINEERING  
 3555 TIMBER LANE, SUITE 1200 HOUSTON, TEXAS 77027 (713) 598-1400

SPEED ZONE MAP  
 US 290  
 HARRIS COUNTY - HOUSTON DISTRICT

SHEET  
 3 of

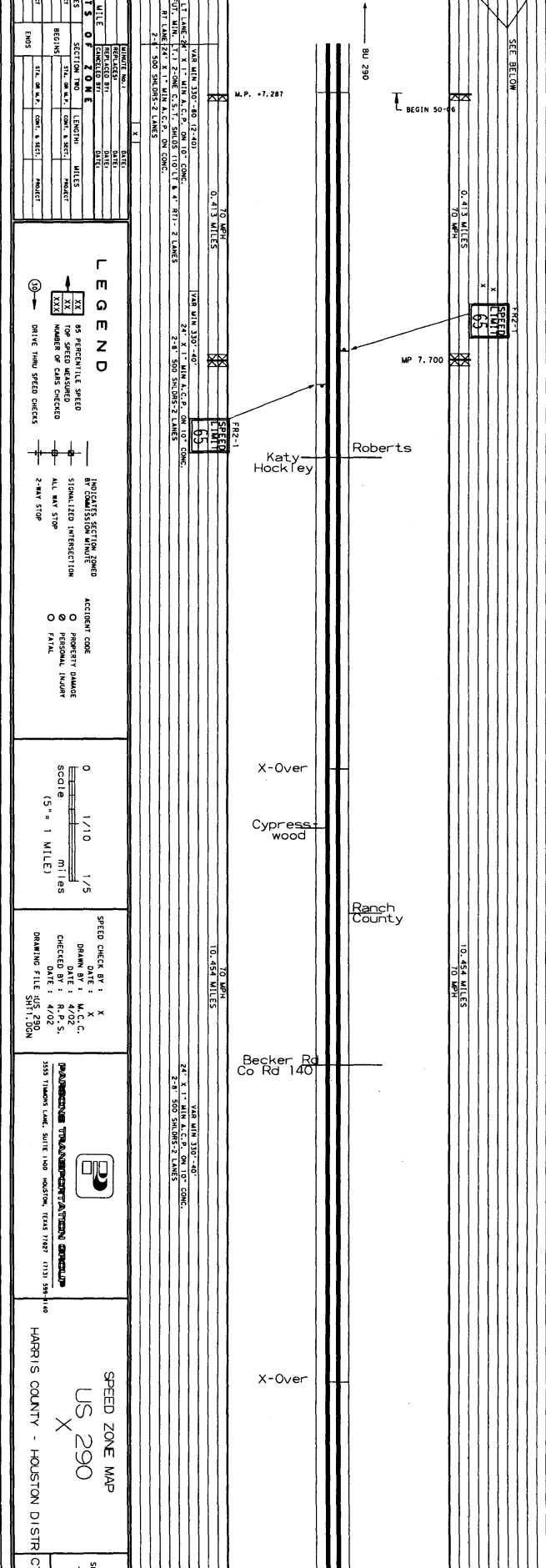
US 290  
50-61819  
Harris Co.



RESTRICTION ON ADVISORY SPEED  
ALL BANK ON ADVISORY SPEED  
ROAD OVER  
UN M/T/H AND TYPE  
CONTROL SECT 101  
50-06

RESTRICTION ON ADVISORY SPEED  
ALL BANK ON ADVISORY SPEED  
ROAD OVER  
UN M/T/H AND TYPE  
CONTROL SECT 101  
50-06

RESTRICTION ON ADVISORY SPEED  
ALL BANK ON ADVISORY SPEED  
ROAD OVER  
UN M/T/H AND TYPE  
CONTROL SECT 101  
50-06



SECTION ONE	LENGTH	TO	SECTION TWO	LENGTH	MILES
100	1.781	0.000	101	1.781	0.000
101	1.781	0.000	102	1.781	0.000
102	1.781	0.000	103	1.781	0.000

SECTION ONE	LENGTH	TO	SECTION TWO	LENGTH	MILES
104	1.781	0.000	105	1.781	0.000
105	1.781	0.000	106	1.781	0.000
106	1.781	0.000	107	1.781	0.000

SECTION ONE	LENGTH	TO	SECTION TWO	LENGTH	MILES
108	1.781	0.000	109	1.781	0.000
109	1.781	0.000	110	1.781	0.000
110	1.781	0.000	111	1.781	0.000

**LIMITS OF ZONE**

SECTION ONE LENGTH TO SECTION TWO LENGTH MILES

100 1.781 0.000 101 1.781 0.000

101 1.781 0.000 102 1.781 0.000

102 1.781 0.000 103 1.781 0.000

104 1.781 0.000 105 1.781 0.000

105 1.781 0.000 106 1.781 0.000

106 1.781 0.000 107 1.781 0.000

108 1.781 0.000 109 1.781 0.000

109 1.781 0.000 110 1.781 0.000

110 1.781 0.000 111 1.781 0.000

**LEGEND**

XX 85 PERCENTILE SPEED

XX TOP SPEED MEASURED

XX NUMBER OF DATA CHECKS

DRIVE THRU SPEED CHECKS

INDICATES SECTION BEYOND

STANDARDIZED INTERSECTION

ALL WAY STOP

2-WAY STOP

ACCIDENT CODE

PROPERTY DAMAGE

PERSONAL INJURY

FATAL

0 1/10 1/5  
SCALE  
(5" = 1 MILE)

SPEED CHECK BY: X  
DATE: M.C.C.  
DRAWN BY: R.P.S.  
CHECKED BY: R.P.S.  
DATE: 4/02  
DRAWING FILE: US 290 SH11.DGN

**MANAGEMENT CONSULTANTS GROUP**  
3555 TIMPSON LANE, SUITE 1200 HOUSTON, TEXAS 77057 (713) 599-1400

SPEED ZONE MAP  
US 290  
HARRIS COUNTY - HOUSTON DISTRICT

RESTRICTED SIGHT DISTANCE  
 THREE OVER ADVISORY SPEED  
 ROAD OVER 35  
 ONE MILE AND TYPE  
 CONTROL SECTION  
 50-05  
 TOWARD NORTH  
 WALLER

TOWARD SOUTH  
 HOUSTON

MATCH LINE A.P. 9,920 - SEE SHEET 1

Bauer

X-Over

X-Over

X-Over

SEE BELOW  
 10.484 MILES  
 7.0 MILE

10.484 MILES  
 7.0 MILE

ONE SPEEDS (MPH)  
 ONE LENGTHS (MILES)  
 VAN MILE 130'-40"  
 24' X 1' MIN R.C.P. ON 10' CONC.  
 2'-8" 350 SHOULDER LINES

10.484 MILES  
 7.0 MILE

10.484 MILES  
 7.0 MILE

SECTION ONE	SECTION TWO	SECTION THREE	SECTION FOUR
1.15	1.15	1.15	1.15
1.15	1.15	1.15	1.15
1.15	1.15	1.15	1.15
1.15	1.15	1.15	1.15

SECTION ONE	SECTION TWO	SECTION THREE	SECTION FOUR
1.15	1.15	1.15	1.15
1.15	1.15	1.15	1.15
1.15	1.15	1.15	1.15
1.15	1.15	1.15	1.15

SECTION ONE	SECTION TWO	SECTION THREE	SECTION FOUR
1.15	1.15	1.15	1.15
1.15	1.15	1.15	1.15
1.15	1.15	1.15	1.15
1.15	1.15	1.15	1.15

SECTION ONE	SECTION TWO	SECTION THREE	SECTION FOUR
1.15	1.15	1.15	1.15
1.15	1.15	1.15	1.15
1.15	1.15	1.15	1.15
1.15	1.15	1.15	1.15

SECTION ONE	SECTION TWO	SECTION THREE	SECTION FOUR
1.15	1.15	1.15	1.15
1.15	1.15	1.15	1.15
1.15	1.15	1.15	1.15
1.15	1.15	1.15	1.15

SECTION ONE	SECTION TWO	SECTION THREE	SECTION FOUR
1.15	1.15	1.15	1.15
1.15	1.15	1.15	1.15
1.15	1.15	1.15	1.15
1.15	1.15	1.15	1.15

SECTION ONE	SECTION TWO	SECTION THREE	SECTION FOUR
1.15	1.15	1.15	1.15
1.15	1.15	1.15	1.15
1.15	1.15	1.15	1.15
1.15	1.15	1.15	1.15

0290 (015 200 (0095) 6) -dgn 11/19/02 09:50:43 AM

LEGEND  
 85 PERCENTILE SPEED  
 85TH PERCENTILE SPEED  
 85TH PERCENTILE SPEED  
 85TH PERCENTILE SPEED  
 85TH PERCENTILE SPEED

INDICATES SECTION POINT  
 BY COMMISSION NUMBER  
 SIGNALIZED INTERSECTION  
 ALL WAY STOP  
 2-WAY STOP

ACCIDENT CODE  
 PROPERTY DAMAGE  
 PERSONAL INJURY  
 FATAL

SPEED CHECK BY: X  
 DATE: 4/02  
 CHECKED BY: R.P.S.  
 DATE: 4/02  
 DRAWING FILE: S12.250

3555 TIMBER LAKE, SUITE 1000 HOUSTON, TEXAS 77027 (713) 589-1100  
 PALMER ENGINEERING & ARCHITECTURE

SPEED ZONE MAP  
 US 290  
 HARRIS COUNTY - HOUSTON DISTRICT

EXTENSION: SIGHT DISTANCE  
 ALL BANK OR ADVISORY SPEED  
 RANGES OVER 2"  
 RANGE OVER 2"  
 O.W./R.B.D. WIDTH  
 C.D. WIDTH  
 O.W./R.B.D. WIDTH  
 C.D. WIDTH  
 O.W./R.B.D. WIDTH  
 C.D. WIDTH

CONTROL SECTION  
 20-08  
 TOWARD NORTH  
 WALLER

TOWARD SOUTH  
 HOUSTON

MATCH LINE M.P. 12.641 - SEE SHEET 2

Mason Rd

Trumpet Vine

X-Over

Mueschke

Cypress  
 MILL P1

Hempstead  
 1016  
 290  
 M.P. +15.200

SECTION NO.	LENGTH	SECTION NO.	LENGTH	SECTION NO.	LENGTH	SECTION NO.	LENGTH
1	100	2	100	3	100	4	100
5	100	6	100	7	100	8	100
9	100	10	100	11	100	12	100

SECTION NO.	LENGTH	SECTION NO.	LENGTH	SECTION NO.	LENGTH	SECTION NO.	LENGTH
13	100	14	100	15	100	16	100
17	100	18	100	19	100	20	100
21	100	22	100	23	100	24	100

SECTION NO.	LENGTH	SECTION NO.	LENGTH	SECTION NO.	LENGTH	SECTION NO.	LENGTH
25	100	26	100	27	100	28	100
29	100	30	100	31	100	32	100
33	100	34	100	35	100	36	100

SECTION NO.	LENGTH	SECTION NO.	LENGTH	SECTION NO.	LENGTH	SECTION NO.	LENGTH
37	100	38	100	39	100	40	100
41	100	42	100	43	100	44	100
45	100	46	100	47	100	48	100

SECTION NO.	LENGTH	SECTION NO.	LENGTH	SECTION NO.	LENGTH	SECTION NO.	LENGTH
49	100	50	100	51	100	52	100
53	100	54	100	55	100	56	100
57	100	58	100	59	100	60	100

SECTION NO.	LENGTH	SECTION NO.	LENGTH	SECTION NO.	LENGTH	SECTION NO.	LENGTH
61	100	62	100	63	100	64	100
65	100	66	100	67	100	68	100
69	100	70	100	71	100	72	100

SECTION NO.	LENGTH	SECTION NO.	LENGTH	SECTION NO.	LENGTH	SECTION NO.	LENGTH
73	100	74	100	75	100	76	100
77	100	78	100	79	100	80	100
81	100	82	100	83	100	84	100

0239/028 290 (0050-61) 4/01 11/19/02 09:50:50 AM

LEGEND  
 XX 85 PERCENTILE SPEED  
 XXX TOP SPEED MARKING  
 XXXX NUMBER OF CARS CHECKED  
 DRIVE THRU SPEED CHECKS  
 INDICATES SECTION ZONED BY COMMISSION WHITE  
 SIMPLIFIED INTERSECTION  
 ALL WAY STOP  
 2-WAY STOP  
 ACCIDENT CODE  
 O PROPERTY DAMAGE  
 O PERSONAL INJURY  
 O FATAL

SCALE 5" = 1 MILE  
 0 1/10 1/5  
 SCALE (5" = 1 MILE)

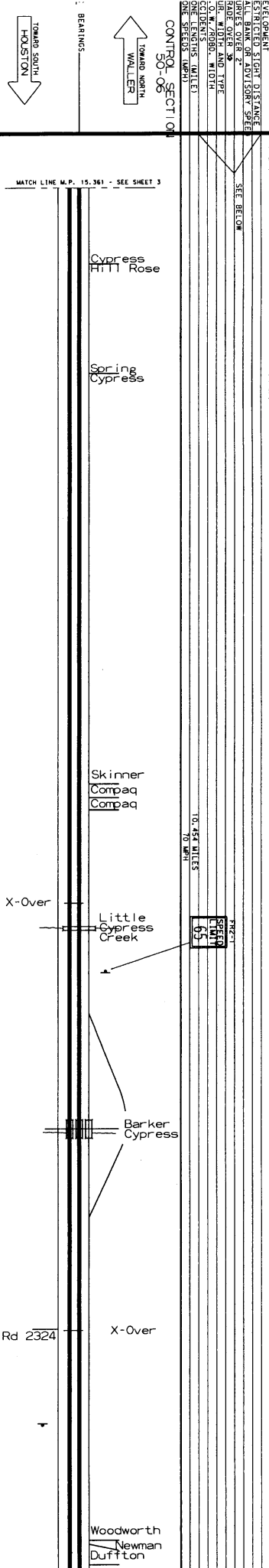
SPEED CHECK BY: X  
 DRAWN BY: M.C.C.  
 DATE: 4/02  
 CHECKED BY: R.P.S.  
 DATE: 4/02  
 DRAWING FILE: 5/5/2/290

3535 TIMMONS LANE, SUITE 100 HOUSTON, TEXAS 77027 (713) 598-1100

HARRIS COUNTY - HOUSTON DISTRICT

SPEED ZONE MAP  
 US 290  
 SHEET 30

TRANSITION  
 44' X 1" MIN. OF COMPLETION BASE  
 44' X 1" MIN. OF COMPLETION BASE  
 STATE BASE: LT AT 500' SIDE (2'-8")



SECTION NO.	SECTION TYPE	SECTION LENGTH (MILES)	SECTION SPEED (MPH)	SECTION DATE	SECTION CHECKED BY	SECTION DATE	SECTION CHECKED BY
1	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
2	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
3	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
4	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
5	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
6	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
7	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
8	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
9	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
10	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
11	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
12	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
13	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
14	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
15	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
16	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
17	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
18	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
19	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
20	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
21	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
22	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
23	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
24	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
25	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
26	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
27	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
28	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
29	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
30	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
31	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
32	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
33	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
34	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
35	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
36	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
37	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
38	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
39	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
40	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
41	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
42	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
43	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
44	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
45	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
46	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
47	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
48	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
49	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.
50	1-1/2	1.5	30	4/02	R. R. S.	4/02	R. R. S.

SECTION 12 COUNTY HARRIS

SCALE: 5" = 1 MILE

DATE: 11/19/02 09:50:59 AM

0290/DIS 290100950-61.dgn

**LEGEND**

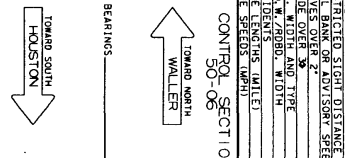
- INDICATES SECTION ZONE BY COMMISSION MINUTE
- SIGNALIZED INTERSECTION
- A.L. BAY STOP
- 2-WAY STOP
- ACQUIRE CODE
- PROPERTY DAMAGE
- PERSONAL INJURY
- FATAL

0 1/10 1/5  
SCALE (5" = 1 MILE)

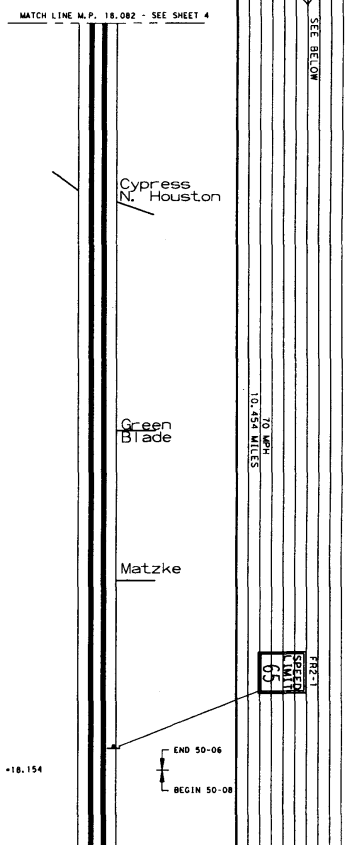
SPEED CHECK BY: X  
DRAWN BY: M.C.C.  
DATE: 4/02  
CHECKED BY: R.R.S.  
DATE: 4/02  
DRAWING FILE: SH 4.300

**PASSIVE TRANSPORTATION CENTER**  
355 TIMONS LANE, SUITE 1400 HOUSTON, TEXAS 77027 (713) 594-1400

**SPEED ZONE MAP**  
US 290  
HARRIS COUNTY - HOUSTON DISTRICT



CONTROL SECTION 50-06



SECTION NO.	SECTION LENGTH	DATE
1	1.00	4/02
2	1.00	4/02
3	1.00	4/02
4	1.00	4/02
5	1.00	4/02
6	1.00	4/02
7	1.00	4/02
8	1.00	4/02
9	1.00	4/02
10	1.00	4/02
11	1.00	4/02
12	1.00	4/02

SECTION NO.	SECTION LENGTH	DATE
13	1.00	4/02
14	1.00	4/02
15	1.00	4/02
16	1.00	4/02
17	1.00	4/02
18	1.00	4/02
19	1.00	4/02
20	1.00	4/02
21	1.00	4/02
22	1.00	4/02
23	1.00	4/02
24	1.00	4/02
25	1.00	4/02
26	1.00	4/02
27	1.00	4/02
28	1.00	4/02
29	1.00	4/02
30	1.00	4/02

70 MPH  
10.458 MILES  
500 SHULERS LEVEL 2 LANE

LEGEND

- XXI 40 PERCENTILE SPEED
- XXII TOP SPEED MEASURED
- XXIII NUMBER OF CARS CHECKED
- DRIVE THRU SPEED CHECKS
- INDICATES SECTION JOINED BY COMMISSION MINUTE
- SIGNALIZED INTERSECTION
- ALL WAY STOP
- 2-WAY STOP
- ACTORANT CODE
- PROPERTY DAMAGE
- PERSONAL INJURY
- FATAL

0 1/10 1/5  
SCALE (5" = 1 MILE)

SPEED CHECK BY: X  
M.A.C.  
DATE: 4/02  
CHECKED BY: R.P.S.  
DRAWING FILE: 501.2504

**PERKINS ENGINEERING & ARCHITECTURE**  
2555 TIMBER LAKE, SUITE 1000 HOUSTON, TEXAS 77057 (713) 598-7140

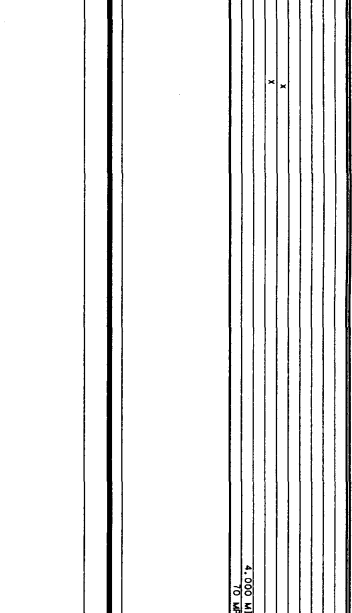
SPEED ZONE MAP  
US 290  
X  
HARRIS COUNTY - HOUSTON DISTRICT  
SHEET 5 OF 5

ELEVATION SIGHT DISTANCE  
 L BANK OR ADVISORY SPEED  
 VES OVER 2'  
 DEPTH AND TYPE  
 W/ROBO. WIDTH  
 JOINTS (MILES)  
 SPEEDS (MPH)  
 CONTROL SECTION 50-06  
 BEARINGS  
 TOWARD SOUTH HOUSTON  
 TOWARD NORTH WALLER  
 MATCH LINE M.P. 10.002 - SEE SHEET 4  
 SEE BELOW  
 10.458 MILES  
 70 MPH  
 Cypress Houston  
 Greenade  
 Matzke  
 M.P. = 10.154  
 END 50-06  
 BEGIN 50-08  
 SHEET 05 OF 05  
 LEGEND  
 XXI 40 PERCENTILE SPEED  
 XXII TOP SPEED MEASURED  
 XXIII NUMBER OF CARS CHECKED  
 DRIVE THRU SPEED CHECKS  
 INDICATES SECTION JOINED BY COMMISSION MINUTE  
 SIGNALIZED INTERSECTION  
 ALL WAY STOP  
 2-WAY STOP  
 ACTORANT CODE  
 PROPERTY DAMAGE  
 PERSONAL INJURY  
 FATAL  
 0 1/10 1/5  
 SCALE (5" = 1 MILE)  
 SPEED CHECK BY: X  
 M.A.C.  
 DATE: 4/02  
 CHECKED BY: R.P.S.  
 DRAWING FILE: 501.2504  
**PERKINS ENGINEERING & ARCHITECTURE**  
 2555 TIMBER LAKE, SUITE 1000 HOUSTON, TEXAS 77057 (713) 598-7140  
 SPEED ZONE MAP  
 US 290  
 X  
 HARRIS COUNTY - HOUSTON DISTRICT  
 SHEET 5 OF 5



INDICATED SIGHT DISTANCE  
 BANK OR ADVISORY SPEED  
 WIDTH AND TYPE  
 WIDTH  
 TYPE  
 SIGHT DISTANCE  
 SPEEDS (MPH)

CONTROL SECTION  
 50-8  
 TOWARD NORTH  
 WALLER  
 TOWARD SOUTH  
 HOUSTON  
 BEARINGS



13.1001  
 4.000 MILES  
 70 MPH  
 4.000 MILES  
 70 MPH  
 65  
 O/D Loc. US 290  
 Huffmeister  
 Thornburn Ctr  
 Wortham Ctr  
 10.800  
 4.000 MILES  
 70 MPH

SECTION ONE	SECTION TWO	SECTION THREE	SECTION FOUR	SECTION FIVE	SECTION SIX	SECTION SEVEN	SECTION EIGHT	SECTION NINE	SECTION TEN
15	16	17	18	19	20	21	22	23	24
15	16	17	18	19	20	21	22	23	24

SECTION ONE	SECTION TWO	SECTION THREE	SECTION FOUR	SECTION FIVE	SECTION SIX	SECTION SEVEN	SECTION EIGHT	SECTION NINE	SECTION TEN
15	16	17	18	19	20	21	22	23	24
15	16	17	18	19	20	21	22	23	24

**LEGEND**

85 PERCENT SPEED  
 TOP SPEED MEASURED  
 NUMBER OF CARS CHECKED  
 DRIVE THRU SPEED CHECKS

INDICATES SECTION ZONE  
 SIGNALIZED INTERSECTION  
 ALL WAY STOP  
 2-WAY STOP

ACCIDENT CODE  
 PROPERTY DAMAGE  
 PERSONAL INJURY  
 HIGH ACCIDENT AREA

0 1/10 1/5  
 SCALE  
 (5" = 1 MILE)

SPEED CHECK BY:  
 DRAWN BY: M.C.C.  
 DATE: 4/02  
 CHECKED BY: R.P.S.  
 DATE: 11/19/02  
 DRAWING FILE: US 290  
 SHEET: 1 OF 2

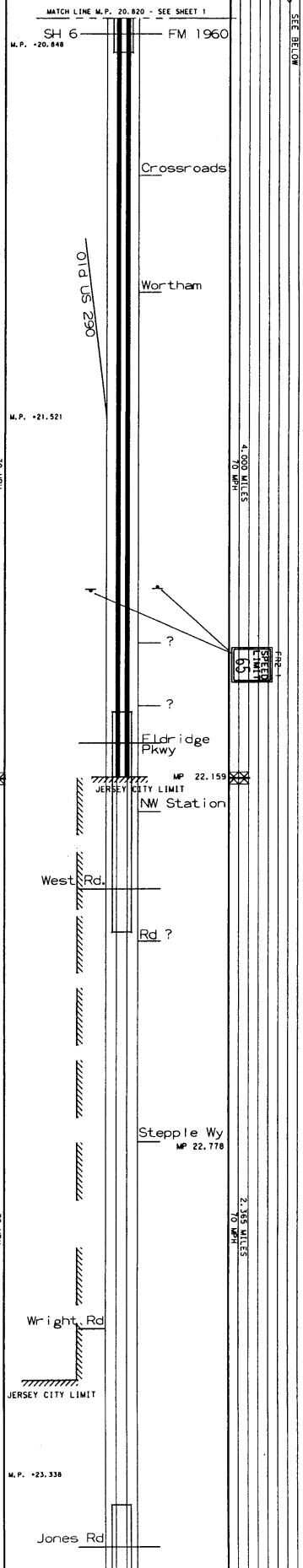
TEXAS DEPARTMENT OF TRANSPORTATION  
 3555 TIMMONS LANE, SUITE 1100 HOUSTON, TEXAS 77057 (713) 594-1100

SPEED ZONE MAP  
 US 290  
 HARRIS COUNTY - HOUSTON DISTRICT

TOWARD SOUTH HOUSTON

TOWARD NORTH WALLER

CONTROL SECTION 50-8



SECTION NO.	DATE	SECTION NO.	DATE
1	11/19/02	1	11/19/02
2	11/19/02	2	11/19/02
3	11/19/02	3	11/19/02
4	11/19/02	4	11/19/02
5	11/19/02	5	11/19/02

SECTION NO.	DATE	SECTION NO.	DATE
6	11/19/02	6	11/19/02
7	11/19/02	7	11/19/02
8	11/19/02	8	11/19/02
9	11/19/02	9	11/19/02
10	11/19/02	10	11/19/02

SECTION NO.	DATE	SECTION NO.	DATE
11	11/19/02	11	11/19/02
12	11/19/02	12	11/19/02
13	11/19/02	13	11/19/02
14	11/19/02	14	11/19/02
15	11/19/02	15	11/19/02

SECTION NO.	DATE	SECTION NO.	DATE
16	11/19/02	16	11/19/02
17	11/19/02	17	11/19/02
18	11/19/02	18	11/19/02
19	11/19/02	19	11/19/02
20	11/19/02	20	11/19/02

SECTION NO.	DATE	SECTION NO.	DATE
21	11/19/02	21	11/19/02
22	11/19/02	22	11/19/02
23	11/19/02	23	11/19/02
24	11/19/02	24	11/19/02
25	11/19/02	25	11/19/02

SECTION NO.	DATE	SECTION NO.	DATE
26	11/19/02	26	11/19/02
27	11/19/02	27	11/19/02
28	11/19/02	28	11/19/02
29	11/19/02	29	11/19/02
30	11/19/02	30	11/19/02

PROJECT 12 COUNTY HARRIS  
 CITY RURAL/JERSEY  
 US 290 CITY RURAL/JERSEY  
 SCALE 5" = 1" MILE  
 DATE 11/19/02

PROJECT 12 COUNTY HARRIS  
 CITY RURAL/JERSEY  
 US 290 CITY RURAL/JERSEY  
 SCALE 5" = 1" MILE  
 DATE 11/19/02

PROJECT 12 COUNTY HARRIS  
 CITY RURAL/JERSEY  
 US 290 CITY RURAL/JERSEY  
 SCALE 5" = 1" MILE  
 DATE 11/19/02

PROJECT 12 COUNTY HARRIS  
 CITY RURAL/JERSEY  
 US 290 CITY RURAL/JERSEY  
 SCALE 5" = 1" MILE  
 DATE 11/19/02

PROJECT 12 COUNTY HARRIS  
 CITY RURAL/JERSEY  
 US 290 CITY RURAL/JERSEY  
 SCALE 5" = 1" MILE  
 DATE 11/19/02

PROJECT 12 COUNTY HARRIS  
 CITY RURAL/JERSEY  
 US 290 CITY RURAL/JERSEY  
 SCALE 5" = 1" MILE  
 DATE 11/19/02

LEGEND

- XX 85 PERCENTILE SPEED
- XX TOP SPEED MEASURED
- XX NUMBER OF CARS CHECKED
- DATE FROM SPEED CHECKS
- INDICATES SECTION ZONE
- BT COMMISSION INTERSECTION
- SIGNALIZED INTERSECTION
- ALL WAY STOP
- 2-WAY STOP
- ACCIDENT CODE
- PROPERTY DAMAGE
- FATAL INJURY
- HIGH ACCIDENT AREA

0 1/10 1/5  
 SLOPE (5" = 1 MILE)

SPEED CHECK BY: X  
 DRAWN BY: M.C.C.  
 DATE: 4/02  
 CHECKED BY: R.P.S.  
 DRAWING FILE: US 290 SH 2-20N

PHOTOGRAPHY TRANSPORTATION DEPARTMENT  
 3535 TIMBER LAKE, SUITE 1100 HOUSTON, TEXAS 77027 (713) 944-9140

HARRIS COUNTY - HOUSTON DISTRICT

SPEED ZONE MAP  
 US 290  
 X

290105 290105(8) 49m 11/19/02 10:29:24 AM

SECTION	STATION	CONTR. NO.	PROJ. NO.
SECTION ONE	1+00	30-8	100000000
SECTION TWO	2+00	30-8	100000000
SECTION THREE	3+00	30-8	100000000

SECTION	STATION	CONTR. NO.	PROJ. NO.
SECTION ONE	1+00	30-8	100000000
SECTION TWO	2+00	30-8	100000000
SECTION THREE	3+00	30-8	100000000

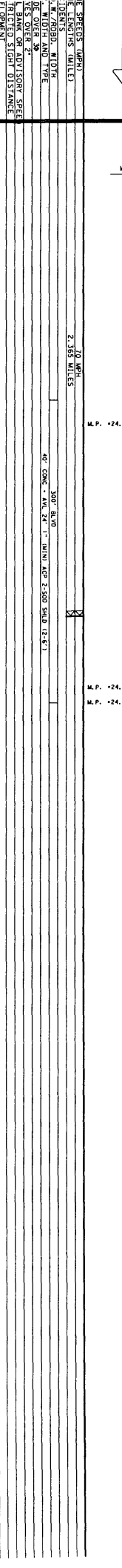
SECTION	STATION	CONTR. NO.	PROJ. NO.
SECTION ONE	1+00	30-8	100000000
SECTION TWO	2+00	30-8	100000000
SECTION THREE	3+00	30-8	100000000

SECTION	STATION	CONTR. NO.	PROJ. NO.
SECTION ONE	1+00	30-8	100000000
SECTION TWO	2+00	30-8	100000000
SECTION THREE	3+00	30-8	100000000

SECTION	STATION	CONTR. NO.	PROJ. NO.
SECTION ONE	1+00	30-8	100000000
SECTION TWO	2+00	30-8	100000000
SECTION THREE	3+00	30-8	100000000

SECTION	STATION	CONTR. NO.	PROJ. NO.
SECTION ONE	1+00	30-8	100000000
SECTION TWO	2+00	30-8	100000000
SECTION THREE	3+00	30-8	100000000

SECTION	STATION	CONTR. NO.	PROJ. NO.
SECTION ONE	1+00	30-8	100000000
SECTION TWO	2+00	30-8	100000000
SECTION THREE	3+00	30-8	100000000



SECTION	STATION	CONTR. NO.	PROJ. NO.
SECTION ONE	1+00	30-8	100000000
SECTION TWO	2+00	30-8	100000000
SECTION THREE	3+00	30-8	100000000

SECTION	STATION	CONTR. NO.	PROJ. NO.
SECTION ONE	1+00	30-8	100000000
SECTION TWO	2+00	30-8	100000000
SECTION THREE	3+00	30-8	100000000

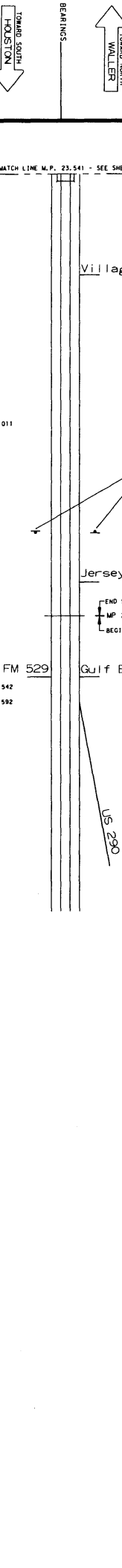
SECTION	STATION	CONTR. NO.	PROJ. NO.
SECTION ONE	1+00	30-8	100000000
SECTION TWO	2+00	30-8	100000000
SECTION THREE	3+00	30-8	100000000

SECTION	STATION	CONTR. NO.	PROJ. NO.
SECTION ONE	1+00	30-8	100000000
SECTION TWO	2+00	30-8	100000000
SECTION THREE	3+00	30-8	100000000

SECTION	STATION	CONTR. NO.	PROJ. NO.
SECTION ONE	1+00	30-8	100000000
SECTION TWO	2+00	30-8	100000000
SECTION THREE	3+00	30-8	100000000

SECTION	STATION	CONTR. NO.	PROJ. NO.
SECTION ONE	1+00	30-8	100000000
SECTION TWO	2+00	30-8	100000000
SECTION THREE	3+00	30-8	100000000

SECTION	STATION	CONTR. NO.	PROJ. NO.
SECTION ONE	1+00	30-8	100000000
SECTION TWO	2+00	30-8	100000000
SECTION THREE	3+00	30-8	100000000



**LEGEND**

70 MPH  
 50 MPH  
 85 PERCENTILE SPEED  
 90 PERCENTILE SPEED  
 100 PERCENTILE SPEED  
 SIGNALIZED INTERSECTION  
 ALL WAY STOP  
 2-WAY STOP  
 PORTLAND STREET RAMP  
 COMMISSION LIMIT  
 ACCIDENT CODE  
 PROPERTY DAMAGE  
 PERSONAL INJURY  
 FATAL  
 HIGH ACCIDENT AREA

0 1/10 1/5  
 SCALE (5" = 1 MILE)  
 SPEED CHECK BY: X  
 DRAWN BY: M.C.  
 CHECKED BY: R.P.S.  
 DATE: 4/02  
 DRAWING FILE: US 290  
 S.J. DON

DEPARTMENT OF TRANSPORTATION  
 1555 TIMBER LAKE, SUITE 1100 HOUSTON, TEXAS 77057 (713) 598-4140

SPEED ZONE MAP  
 US 290  
 HARRIS COUNTY - HOUSTON DISTRICT

SHEET NO. 3 OF 3

SECTION ONE	SECTION TWO	SECTION THREE	SECTION FOUR
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.

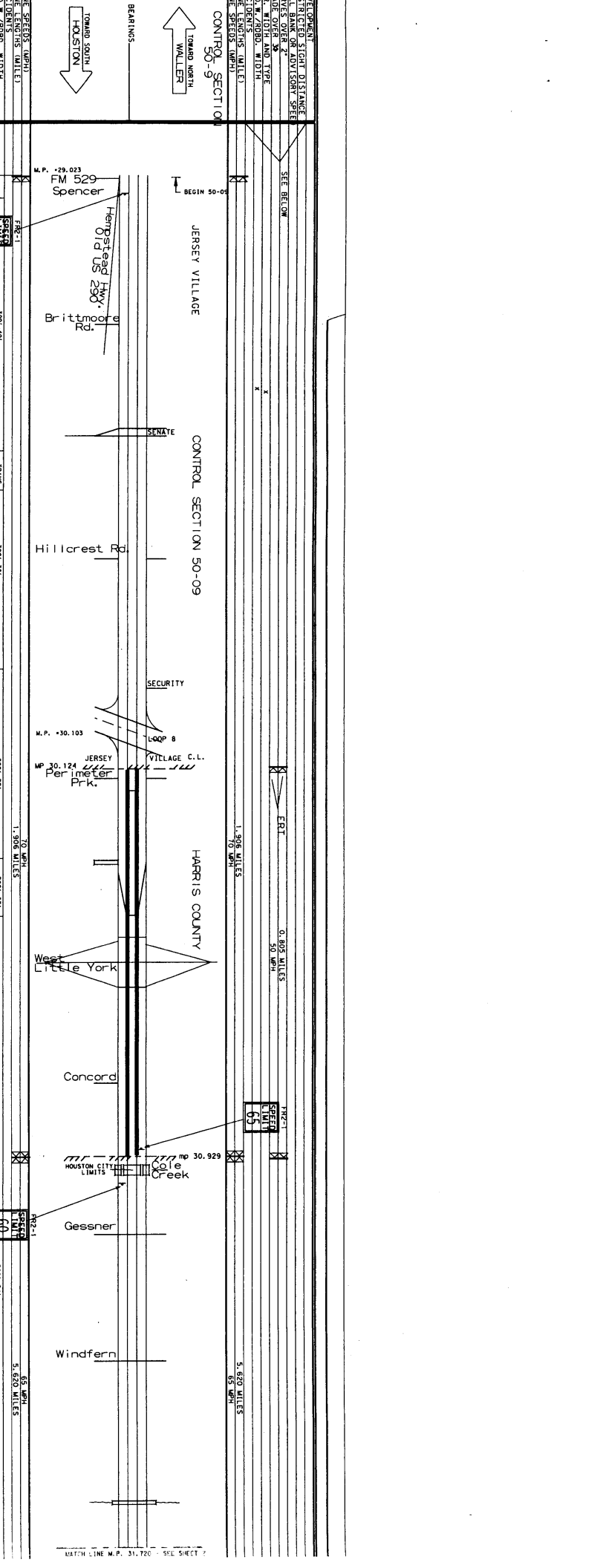
SECTION ONE	SECTION TWO	SECTION THREE	SECTION FOUR
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.

SECTION ONE	SECTION TWO	SECTION THREE	SECTION FOUR
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.

SECTION ONE	SECTION TWO	SECTION THREE	SECTION FOUR
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.

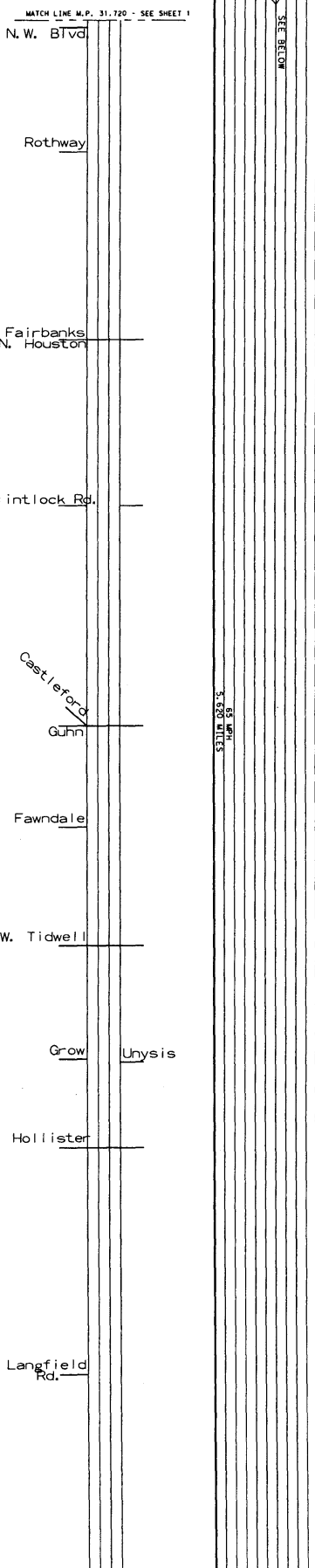
SECTION ONE	SECTION TWO	SECTION THREE	SECTION FOUR
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.

SECTION ONE	SECTION TWO	SECTION THREE	SECTION FOUR
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.
ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.	ST. OR N.E. CORN. 4 SECT.



EQUIPMENT  
 TRUCKED SIGN DISTANCE  
 TRUCKED ADVISORY SPEED  
 DE OVER 35  
 WIDTH AND TYPE  
 TRUCKED M10H  
 E LENGTHS (MILE)  
 E SPEEDS (MPH)  
 CONTROL SECTION  
 50-9  
 TOWARD NORTH  
 WALLER

TOWARD SOUTH  
 HOUSTON



SECTION ONE	SECTION TWO	SECTION THREE	SECTION FOUR
ST. OR M.P.	ST. OR M.P.	ST. OR M.P.	ST. OR M.P.
CON'T. & SECT.	CON'T. & SECT.	CON'T. & SECT.	CON'T. & SECT.
PROJECT	PROJECT	PROJECT	PROJECT
LENGTH	LENGTH	LENGTH	LENGTH
9.470 MILES			

SECTION ONE	SECTION TWO	SECTION THREE	SECTION FOUR
ST. OR M.P.	ST. OR M.P.	ST. OR M.P.	ST. OR M.P.
CON'T. & SECT.	CON'T. & SECT.	CON'T. & SECT.	CON'T. & SECT.
PROJECT	PROJECT	PROJECT	PROJECT
LENGTH	LENGTH	LENGTH	LENGTH

SECTION ONE	SECTION TWO	SECTION THREE	SECTION FOUR
ST. OR M.P.	ST. OR M.P.	ST. OR M.P.	ST. OR M.P.
CON'T. & SECT.	CON'T. & SECT.	CON'T. & SECT.	CON'T. & SECT.
PROJECT	PROJECT	PROJECT	PROJECT
LENGTH	LENGTH	LENGTH	LENGTH

SECTION ONE	SECTION TWO	SECTION THREE	SECTION FOUR
ST. OR M.P.	ST. OR M.P.	ST. OR M.P.	ST. OR M.P.
CON'T. & SECT.	CON'T. & SECT.	CON'T. & SECT.	CON'T. & SECT.
PROJECT	PROJECT	PROJECT	PROJECT
LENGTH	LENGTH	LENGTH	LENGTH

SECTION ONE	SECTION TWO	SECTION THREE	SECTION FOUR
ST. OR M.P.	ST. OR M.P.	ST. OR M.P.	ST. OR M.P.
CON'T. & SECT.	CON'T. & SECT.	CON'T. & SECT.	CON'T. & SECT.
PROJECT	PROJECT	PROJECT	PROJECT
LENGTH	LENGTH	LENGTH	LENGTH

**LEGEND**

XX 85 PERCENTILE SPEED  
 XX TOP SPEED RECORDED  
 XXX NUMBER OF DATA CHECKS

DRIVE THRU SPEED CHECKS

INDICATES SECTION, APPROXIMATE LOCATION, AND TYPE OF INTERSECTION

ACCIDENT CODE

PROPERTY DAMAGE  
 PERSONAL INJURY  
 FATAL  
 HIGH ACCIDENT AREA

0 1/10 1/5  
 SCALE  
 (5" = 1 MILE)

SPEED CHECK BY: X  
 DRAWN BY: M.C.C.  
 CHECKED BY: R.P.S.  
 DATE: 4/02  
 DRAWING FILE: US 290 SHVZ.DWG

**PARSONS TRANSPORTATION GROUP**

1335 TIMBER LANE, SUITE 1100 HOUSTON, TEXAS 77057-1113 505-446-4146

SPEED ZONE MAP  
 US 290  
 HARRIS COUNTY - HOUSTON DISTRICT

SECTION	SECTION NO.	SECTION NAME	LENGTH (MILES)	DATE
1	1	SECTION 1	3.470	10/24/02
2	2	SECTION 2	3.470	10/24/02
3	3	SECTION 3	3.470	10/24/02
4	4	SECTION 4	3.470	10/24/02
5	5	SECTION 5	3.470	10/24/02

SECTION	SECTION NO.	SECTION NAME	LENGTH (MILES)	DATE
1	1	SECTION 1	3.470	10/24/02
2	2	SECTION 2	3.470	10/24/02
3	3	SECTION 3	3.470	10/24/02
4	4	SECTION 4	3.470	10/24/02
5	5	SECTION 5	3.470	10/24/02

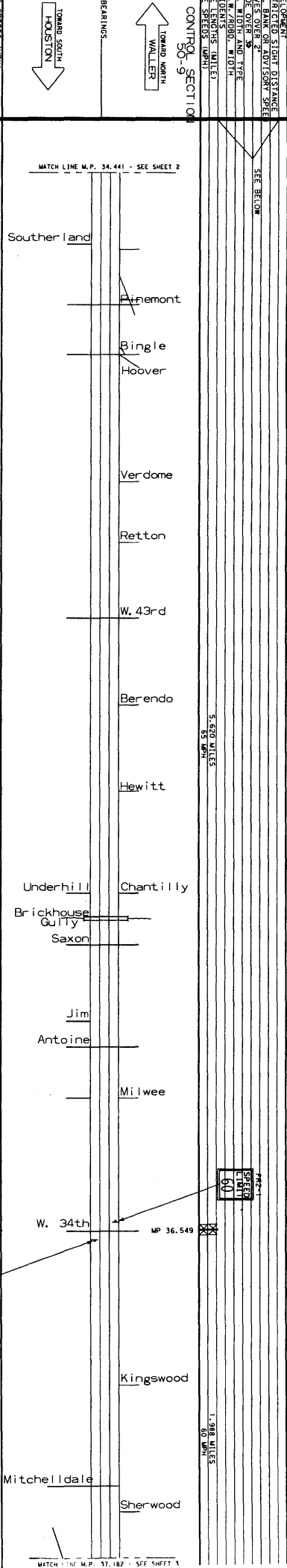
SECTION	SECTION NO.	SECTION NAME	LENGTH (MILES)	DATE
1	1	SECTION 1	3.470	10/24/02
2	2	SECTION 2	3.470	10/24/02
3	3	SECTION 3	3.470	10/24/02
4	4	SECTION 4	3.470	10/24/02
5	5	SECTION 5	3.470	10/24/02

SECTION	SECTION NO.	SECTION NAME	LENGTH (MILES)	DATE
1	1	SECTION 1	3.470	10/24/02
2	2	SECTION 2	3.470	10/24/02
3	3	SECTION 3	3.470	10/24/02
4	4	SECTION 4	3.470	10/24/02
5	5	SECTION 5	3.470	10/24/02

SECTION	SECTION NO.	SECTION NAME	LENGTH (MILES)	DATE
1	1	SECTION 1	3.470	10/24/02
2	2	SECTION 2	3.470	10/24/02
3	3	SECTION 3	3.470	10/24/02
4	4	SECTION 4	3.470	10/24/02
5	5	SECTION 5	3.470	10/24/02

SECTION	SECTION NO.	SECTION NAME	LENGTH (MILES)	DATE
1	1	SECTION 1	3.470	10/24/02
2	2	SECTION 2	3.470	10/24/02
3	3	SECTION 3	3.470	10/24/02
4	4	SECTION 4	3.470	10/24/02
5	5	SECTION 5	3.470	10/24/02

**LEGEND**  
 XX 95 PERCENTILE SPEED  
 XX TOP SPEED MEASURED  
 XX NUMBER OF CARS CHECKED  
 (Symbol) DRIVE THRU SPEED CHECKS  
 (Symbol) INDICATES SECTION BEHIND  
 (Symbol) SIGNALIZED INTERSECTION  
 (Symbol) ALL WAY STOP  
 (Symbol) 2-WAY STOP  
 (Symbol) ACCIDENT CODE  
 (Symbol) PROPERTY DAMAGE  
 (Symbol) PERSONAL INJURY  
 (Symbol) FATAL  
 (Symbol) HIGH ACCIDENT AREA  
 (Symbol) SPEED CHECK BY: X  
 (Symbol) BRAIN BY: M.C.C.  
 (Symbol) CHECK DATE: 4/02  
 (Symbol) CHECK DATE: 4/02  
 (Symbol) DRAWING FILE: US 290  
 (Symbol) SH13.DGN  
 (Symbol) 359 THUNDER ROAD, SUITE 1000, HOUSTON, TEXAS 77058-5994-148  
 SPEED ZONE MAP  
 US 290  
 HARRIS COUNTY - HOUSTON DISTRICT  
 SHEET No 3 of 2



CONTROL SECTION  
 50-9  
 TOWARD NORTH  
 WALLER  
 TOWARD SOUTH  
 HOUSTON  
 BEARINGS  
 MATCH LINE M.P. 34.441 - SEE SHEET 2  
 SEE BELOW  
 5.620 MILES  
 60 MPH  
 1.988 MILES  
 60 MPH  
 MATCH LINE M.P. 37.182 - SEE SHEET 1