



January 23, 2015

Mr. John Baumgartner  
Director of Public Works  
City of League City  
300 West Walker  
League City, TX 77573

NH 2015 (551)  
0500-04-126  
IH 45  
Galveston County

Dear Mr. Baumgartner:

In reference to the above project, TxDOT is currently preparing the plans for construction of Asphalt concrete pavement overlay on the Southbound and Northbound Mainlanes. The traffic control study during construction requires a decrease of 10 mph of the posted speed; therefore, initiation of the required City Ordinance is hereby requested. Please see the attached request for construction speed zone.

The project has a letting schedule of April 2015. Therefore, your prompt response is greatly appreciated. If you have any questions regarding this matter, please call myself or Mr. Romany Tony, P.E., at 409-978-2521, or you may write to me at 5407 Gulf Freeway, La Marque, Texas 77568-2704.

Sincerely,

Jamal Elahi, P.E.  
Galveston Area Engineer  
Houston District

RT  
cc: Mr. Joel Clarke, P.E.  
Attachments

## Request for Regulatory Construction Speed Zone

District: Houston	Highway: IH 45
Contact Person: Romany W. Tony, P.E.	Contact Phone Number: 409-978-2521

Type of work:	<input type="checkbox"/> 2 - Lane closure w/ barrier	<input type="checkbox"/> 4 - One-way traffic signal
<input type="checkbox"/> 1 - Shoulder activity	<input type="checkbox"/> 2 - Temporary diversion	<input type="checkbox"/> 4 - Unpaved surface
<input type="checkbox"/> 1 - Lane encroachment	<input checked="" type="checkbox"/> 3 - Lane closure w/o barrier	

Type of Work	Posted Speed	Construction Speed Limit
1	$\geq 65$ mph $\leq 60$ mph	May be 5 mph below posted speed May not be used
2	$\geq 80$ mph = 75, 70 or 65 mph $\leq 60$ mph	May be as low as 65 mph May be 10 mph below the posted speed May be 5 mph below the posted speed
3	$\geq 80$ mph $\leq 75$ mph	May be as low as 65 mph May be 10 mph below the posted speed
4	$\geq 55$ mph $\leq 50$ mph	May be as low as 45 mph May be 10 mph below the posted speed

Section	Section 1	Section 2	Section 3	Section 4
County	Galveston	Galveston		
Highway	IH 45	IH 45		
City Name (or Rural)	Dickinson	League City		
Pre-construction Posted Speed	65	65		
Proposed Construction Speed	55	55		
Control-Section-Job	0500-04-126	0500-04-126		
Beginning Mile Point	12.536	13.154		
Ending Mile Point	13.154	16.889		
Length	0.618	3.735		
Project Number	NH 2015 (551)	NH 2015 (551)		

Submit by E-mail

Indicate below whether or not your form submission includes attachment(s):

☒ YES

☐ NO

## Instructions:

If you accessed this form from within the eForms System, once you have opened it, click the "Take Form Offline" icon (bottom, left) and save the form to your computer. If you accessed the form from a web page link, you can also use File>Save As on the top menu bar to save the form to your computer.

Once you have completed your form, you may save it and submit it by clicking the "Submit by E-mail" button on page 1. This opens your e-mail client and automatically attaches your completed form to a pre-addressed e-mail. Simply click "Send," and you're done.

	Types of Work:						
	Shoulder Activity	Lane Encroachment	Lane Closure with Barrier	Temporary Diversion	Lane Closure w/o Barrier	One-Way Traffic Signal	Unpaved Surface
<b>Condition</b>	Activity closer than 10 ft but not closer than 2 ft from the edge of the traveled way	Activity encroaches to the edge of the traveled way	Activity requires a lane closure with workers protected by a barrier	Activity requires a temporary diversion be constructed	Activity requires a lane closure with workers within 10 feet of travel way unprotected by barrier	Activity uses a one-way traffic signal to direct traffic through construction area	Activity requires traffic to travel on an unpaved surface
<b>Factors</b>	1, 2	1, 2, 3, 4, 6	3, 4, 6, 7	3, 4, 6, 8	1, 3, 4, 6, 7	3, 6, 8	5, 6
<b>Current Speed Limit (MPH)</b>	<b>Potential Construction Speeds (MPH)</b>						
85	80	80, 75, 70 or 65		80, 75, 70 or 65	80, 75, 70, 65, 60, 55, 50 or 45		
80	75	75, 70 or 65		75, 70 or 65	75, 70, 65, 60, 55, 50 or 45		
75	70	70 or 65		70 or 65	70, 65, 60, 55, 50 or 45		
70	65	65 or 60		65 or 60	65, 60, 55, 50 or 45		
65	60	60 or 55		60 or 55	60, 55, 50 or 45		
60	None	55		55 or 50	55, 50 or 45		
55	None	50		50 or 45	50 or 45		
50	None	45		45 or 40	45 or 40		
45	None	40		40 or 35	40 or 35		
40	None	35		35 or 30	35 or 30		
35	None	30		30 or 25	30 or 25		
30	None	25		25 or 20	25 or 20		
25	None	20		20 or 15	20 or 15		

**Note:** Buffer zones may be needed for speed transitions  $\geq 15$  mph.

### Factors:

- 1- Workers present for extended periods within 10 feet of traveled way unprotected by barriers
- 2- Horizontal curvature that might increase vehicle encroachment rate
- 3- Lane width reduction of 1 foot or more with a resulting lane width less than 11 feet
- 4- Barrier, traffic control devices or pavement edge drop off within 2 feet of traveled way
- 5- Reduced design speed for stopping sight distance
- 6- Unexpected conditions
- 7- Traffic congestion created by lane closure
- 8- Reduced design speed for detour roadway or transitions