

## Request for Regulatory Construction Speed Zone

Form 1204 (Rev. 10/21) Page 1 of 2

| District:                      | Laredo         |                 | Contact Person:             |              | Luis G. Urbina, P.E. |                     |                      |  |  |
|--------------------------------|----------------|-----------------|-----------------------------|--------------|----------------------|---------------------|----------------------|--|--|
| Highway: IH35 WFR              |                |                 | Contact Phone Number: 9     |              |                      | 956-712-7469        |                      |  |  |
|                                |                |                 |                             |              |                      |                     |                      |  |  |
| Type of w                      | ork:           |                 | 2 - Dual Lane encroachment  |              |                      |                     |                      |  |  |
| │ 1 - Shoulder activity        |                |                 | 2 - Lane closure w/ barrier |              |                      |                     |                      |  |  |
| ☐ 1 - Lane encroachment        |                |                 | 2 - Temporary diversion     |              |                      | 4 - Unpaved surface |                      |  |  |
| REHABILI                       | ITATION OF     |                 | Y TREAT EX                  |              | E, TREAT F           | _EXBASE, HI         | MA SUPERPAVE TYC,    |  |  |
| MBGF, & I                      | PAVEMENT       | MARKINGS WITH 2 | " HMA OVERI                 | LAY          |                      |                     |                      |  |  |
| Construction Speed Limit (MPH) |                |                 |                             |              |                      |                     |                      |  |  |
| Current Spec                   | ed Limit (MPH) | Type 1          |                             | Type 2       | Ty                   | rpe 3               | Type 4               |  |  |
|                                | 85             | 65              |                             | 65           |                      | 65                  | 65, 60, 55, 50 or 45 |  |  |
| 1                              | 80             | 65              |                             | 65           |                      | 65                  | 65, 60, 55, 50 or 45 |  |  |
|                                | 75             | 65 or 60        |                             | 65 or 60     | 65                   | or 60               | 65, 60, 55, 50 or 45 |  |  |
|                                | 70             | 65, 60 or 55    | 6                           | 55, 60 or 55 | 65, 6                | 0 or 55             | 65, 60, 55, 50 or 45 |  |  |
| (                              | 65             | 60 or 55        |                             | 60 or 55     | 60                   | or 55               | 60, 55, 50 or 45     |  |  |
| (                              | 60             | 55              |                             | 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             |  |  |
| 4                              | 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                        |                | None            |                             | 20           | 20                   | or 15               | 20 or 15             |  |  |

<sup>\*</sup>Buffer zones needed for speed transitions > 15 mph

|                                | Section 1      | Section 2  | Section 3 | Section 4 |
|--------------------------------|----------------|------------|-----------|-----------|
| County                         | Webb           | Webb       |           |           |
| Highway                        | IH35 WFR       | IH35 WFR   |           |           |
| City Name (or Rural)           | City of Laredo | Rural      |           |           |
| Pre-construction Posted Speed  | 55             | 55         |           |           |
| Proposed<br>Construction Speed | 45             | 45         |           |           |
| Control-Section-Job            | 0018-05-90     | 0018-05-90 |           |           |
| Beginning Mile Point           | 1.744          | 1.828      |           |           |
| Ending Mile Point              | 1.828          | 6.821      |           |           |
| Length                         | 0.084          | 4.993      |           |           |
| Project Number                 | C 18-5-90      | C 18-5-90  |           |           |

Does your form submission include attachment(s)? ✓ YES □ NO

## **Directions to complete request:**

- 1. Using the list of work zone factors below, identify which Type of Work your project section(s) will include.
- 2. Using the table on the form (p.1), identify the posted speed of your project section.
- 3. Identify your options for construction speed limits for each section of your project.
- 4. Complete the table with all information and submit to <a href="mailto:TRF\_TE\_SpeedZone@txdot.gov">TRF\_TE\_SpeedZone@txdot.gov</a> for processing.

| Condition   | Factors   |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|
| Type 1  |   |  |  |  |  |  |  |
| Activity closer than 10 ft but not closer than 2 ft from the edge of the traveled way               | 1, 2  |  |  |  |  |  |  |
| Activity encroaches to the edge of the traveled way   | 1, 2, 3, 4, 6   |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |
| Activity or barrier encroaches to each edge of traveled way creating a "chute" condition            | 1, 2, 3, 4, 6   |  |  |  |  |  |  |
| Activity requires a lane closure with workers protected by a barrier                                | 3, 4, 6, 7  |  |  |  |  |  |  |
| Activity requires a temporary diversion be constructed  | 3, 4, 6, 8  |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |
| Activity requires a lane closure with workers within 10 feet of traveled way unprotected by barrier | 1, 3, 4, 6, 7   |  |  |  |  |  |  |
| Type 4  |   |  |  |  |  |  |  |
| Activity uses a one-way traffic signal to direct traffic through construction area                  | 3, 6, 8   |  |  |  |  |  |  |
| Activity requires traffic to travel on an unpaved surface   | 5, 6  |  |  |  |  |  |  |
|   | 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 or barrier encroaches to each edge of traveled way creating a "chute" condition  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 traveled way unprotected by barrier  Activity uses a one-way traffic signal to direct traffic through construction area |  |  |  |  |  |  |

## 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