

Notes
1.
Install advance signs for flagging when flaggers are flagging.
Return traffic to the driving lang during non working hours (change this layout back to a one lane closure and cover or remove the signs.)
Variables:
S. Numerical value of speed limit or 85 th percentile.
$\mathrm{W}=$ Width
$\mathrm{W}=$ Width of taper.
$\mathrm{L}=$ Minimum length
$L=$ Minimum length of taper, ( $\mathrm{S} \times \mathrm{W}$ for freeways, expressways, and roads with speeds of 45 mph or greater or $W \times \mathrm{S}^{2} 160$ for streets with speeds of 40 mph or less.)
Space delineator drums, and tubular markers for tapering traffic at dimension "S". Space tubular markers for tangents at 2 times dimension "S".
Re-establish the speed limit. Recommend using speed limit 10 mph below preconstruction speed limit. Determine the exact speed limit in the field, dependent on location and conditions.
Cover existing speed limit signs within a reduced speed zone. to the edges of the sign, and at such a distance above the edge that the flag does not touch the sign when limp.
8. Recommend using 45 mph speed limit in vicinity of workers, unless location and conditions dictate otherwise. Determine the reduced speed limit dependent on the in place speed limit before construction. When speed limits are
to be reduced more than 30 mph , install a second speed limit sign with the desired speed reduction (not to exceed 30 mph .) Place the second speed limit sign at $\mathrm{t}^{1} \mathrm{~B}$.
10. Recommend using 25 mph speed limit in vicinity of workers, unless location and conditions dictate otherwise.

| LONGITUDINAL <br> ${ }^{*}$ Speed (mph) | JFFER SPACE |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 20 | 35 | Nerth doantaDepartmen of transportation |  | This document was originally issued and sealed by |
| 25 | 55 | $\frac{10.26 \cdot 12}{\text { Revsions }}$ |  |  |
| 35 | 120 |  |  |  |
| 40 | 170 |  |  | Kirk J Hoff, |
| 45 | 220 |  |  | Registration Number |
| 55 | 335 |  |  | PE-4683, |
| 60 | 415 |  |  | on 11/1/19 and the original |
| 65 | $\frac{485}{585}$ |  |  | document is stored at the |
| *Posted speed, speed prior to wo anticipated oper | peak 85th percentile starting, or the speed in mph. |  |  | North Dakota Department of Transportation |

