



Ohio Department of Transportation SPEED ZONE WARRANT SHEET



Rev. 4/8/11 (Editorial) EW

Complete all Green Shaded areas.	
Road Name:	Taylor Station
County:	Franklin
Begin Study At:	Taylor Road
Length:	0.28 miles
ODOT SLM:	Average Daily Traffic (ADT): 6700
End Study At:	Crosspoint Road
Existing Speed Limit	45
Road No.	Date:
Township/City/Village	City of Gahanna
ODOT SLM:	

For further guidance in completing this form, see the Traffic Engineering Manual, section 1203.

No. of Houses or Farms	(Hold Cursor Here for More Info)	8	Must have direct access to the roadway being studied.
No. of Small Businesses, Apts./Condos	(Hold Cursor Here for More Info)	4	Must have direct access to the roadway being studied.
No. of Medium Businesses, Apts./Condos	(Hold Cursor Here for More Info)		Must have direct access to the roadway being studied.
No. of Major Businesses, Apts./Condos	(Hold Cursor Here for More Info)		Must have direct access to the roadway being studied.
No. of Minor Street Intersections	(Hold Cursor Here for More Info)		Subdivision, Residential, or Other streets that mainly serve the residents of that street.
No. of Major Street Intersections	(Hold Cursor Here for More Info)	1	Streets which serve both the residents and commuters of the area.
No. of Signalized Intersections	(Hold Cursor Here for More Info)		Do not include intersections at the beginning or end of the section.
Lane Width	(Round down to nearest foot)	9	Average lane width of through traffic lanes.
Shoulder Width	(Round down to nearest foot)	2	General width of paved and/or non-paved shoulder throughout the section.
Crashes	(Latest three years of data)	0	Only include crashes within the section, excluding animal and side street crashes.
85 th tile Speed of Traffic		42	Average of the 85 th speed at all locations where speed samples were taken.
10-mph Pace Speed of Traffic	34 to	43	Average of the Pace speed at all locations where speed samples were taken.
Roadway Characteristics	(Enter letter and number or use Drop Down Box)	A2	Hold cursor over alphabetic value below to view description then enter letter and number.

To View Calculation Sheet or Examples of Characteristics and Crashes to Include, use Buttons to Right.

Calculation Sheet	Characteristics	Crashes to Include
Calculated Speed	42 MPH	
Requested Speed Limit	35 MPH	Approved Speed Limit
		MPH

Test Runs*

* Completed by ODOT for comparison or verification of calculated speed.

Study by:	Karl C. Wetherholt
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Include the related Resolution(s) when submitting this form.

Additional considerations and comments:

This is a short extension to an existing 35 mph speed zone on Taylor Station Road which starts at Broad Street extending for 0.72 miles to the southern end of the subject area. The proposed speed zone would extend this zone through incorporated area which would increase the length to 1.00 miles. The 2006 Gahanna Thoroughfare plan speed zone study identifies this as a 35 mph zone. (see attached)

EXHIBIT A