

**TRAFFIC FORECAST REQUEST**  
DT1601 6/2001 (Replaces PS30)

Wisconsin Department of Transportation  
Submit to: DTIM Traffic Forecasting  
Room 901 HFSTB

District Number	Request Date	<b>For TF Office Use Only</b> Control Number
Submitted By - Name	(Area Code) Telephone Number	Date Received
(Area Code) Facsimile (FAX) Number	E-mail ID	Assigned To
Due Date - Requested Completion of Forecast	Project Manager Name	Estimated Date of Completion
Supervisor Name	Consultant Name	Date Sent Out

**PROJECT DESCRIPTION**

Project ID(s)	Charge Code	PS&E Date
Project Letting Process (PLP) Date	Project Type Resurfacing	Transportation Economic Assistance (TEA) Program Project?
County(ies)	Route(s)	
Location Description (Project Termini)		
Forecast Years (EYC - Estimated Year of Project Construction)		
EYC:	EYC + 10:	EYC + 20: Other:

**DESIGN INFORMATION REQUESTED** - Place an "X" in box next to each forecast element needed

- Mainline Volumes (AADT)       Volumes for Major Intersecting Roads (AADT)
- Turning Movements - Provide sketch indicating location(s) desired and include turning movement data
  - Average Annual Daily Traffic (AADT)
  - Design Hour Volumes (DHV) - For which Time Periods:  AM  Mid-day  PM
  - %ADT in the DHV (K); %ADT in the Peak Hour Volume (P); Directional split in the DHV (D)
  - %Trucks in Peak Hour Volume (T(PHV)); % Trucks in the DHV (T(DHV))
  - Truck Classification for Pavement Design and Noise Analysis

**ATTACHMENTS** (Place an "X" in box next to each item attached)

- County or Municipality map showing project location (must accompany all requests)
- A copy of the concept definition report (if available)
- Previous forecast for the highway facility (within three years)
- Special counts for mainline, intersecting and/or frontage roads
- A diagram that shows all locations for which the design engineer requires forecasts of turning movements
- Turning movement count data
- Vehicle classification count data
- Excerpts from EIS for the project
- Diagram showing new or anticipated land development that significantly affects or will affect traffic on the project section - on the diagram, specify the type of development the year the DOT district office/consultant expects the development to occur and at least one of the following for each development: sq. footage, number of employees, acreage or dwelling units - whichever seems most appropriate for the specific development.

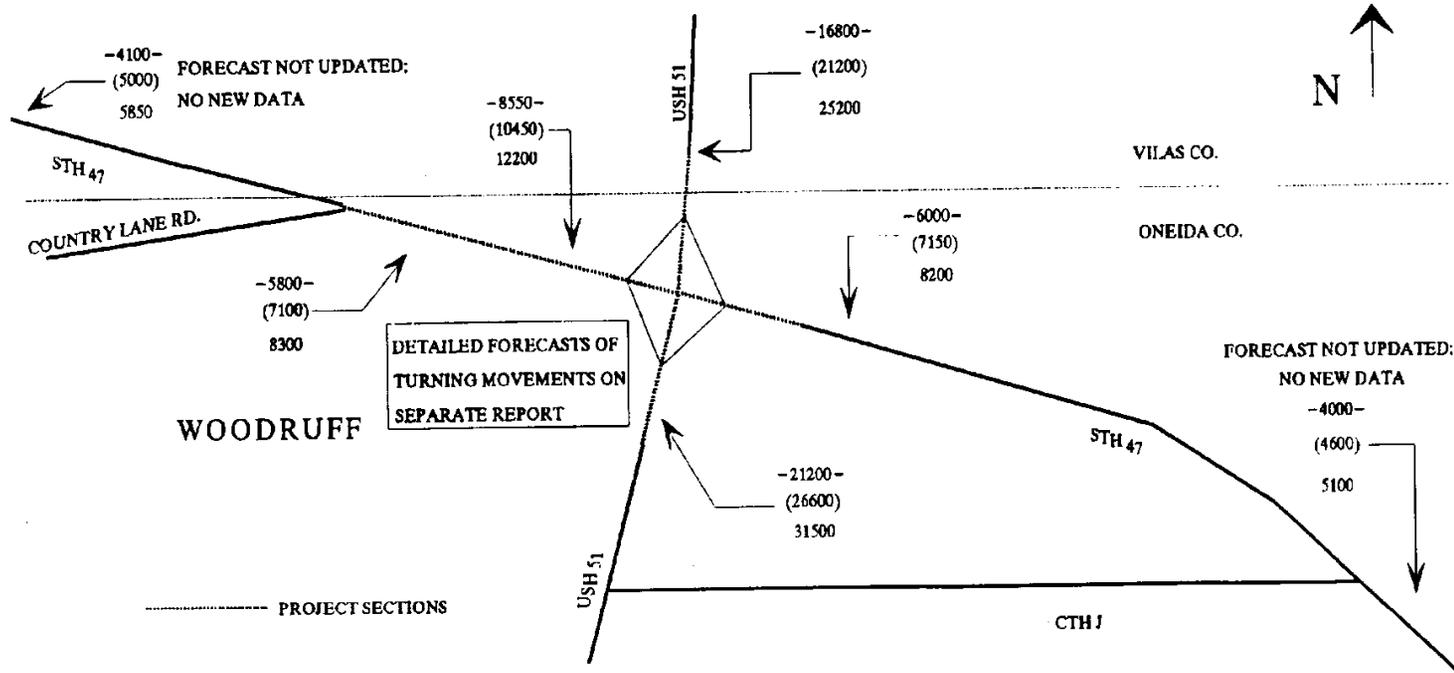
Use the following area to specify other pertinent information / remarks; note if additional information is attached.

### TRAFFIC FORECAST REPORT (REVISED)

PROJECT ID: 9050-09-00; STH 47 Section  
 DISTRICT/COUNTY: H&TD 7; Oneida Co.  
 ROUTE: STH 47/USH 51  
 LOCATION: Intersection of STH 47 and USH 51; STH 47 from intersection to Country Lane Road.

KEY	
-000-	1996 Forecast
(000)	2006 Forecast
000	2016 Forecast

Developed by Keith Wendt, Traffic Analysis & Forecasting Section; Phone: (608) 266-1169; E-mail ID: WENDTK; FAX: (608) 267-0294  
 Completed: 18-Apr-95



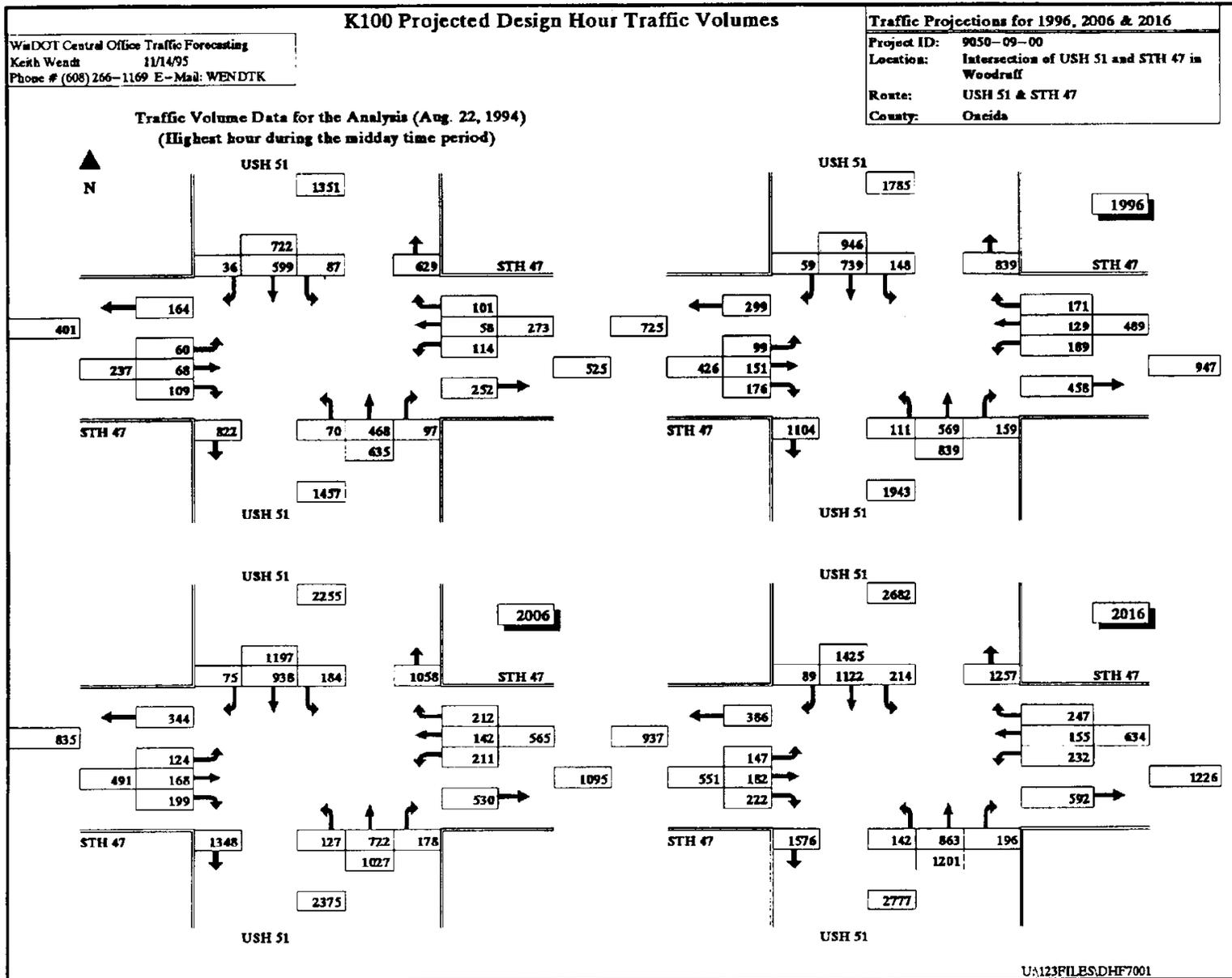
Design Values & Truck %'s for STH 47

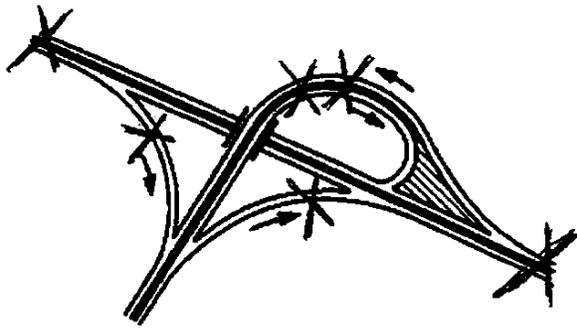
DESIGN VALUES	TRUCK %'S	
	TYPE	% ADT
K100	14.0	
K50	15.2	
K30	16.0	2D 1.32
%ADTPH	19.5	3AX 1.44
%T(DHV)	2.9	2S1+2S2 0.98
%T(PHV)	2.6	3-S2 0.28
D	60/40	Dbl-Btm 0.31
K8(ADT)	NA	TOTAL 4.34
T(A8HV)	NA	

**NOTES ON THE ANALYSIS:**

- 1.) In developing this forecast, it was assumed that no substantial increases in traffic volume resulting from major land use changes will occur on the project section over the course of the forecast period.
- 2.) The project section is classified as a RURAL MAJOR COLLECTOR and is assigned to seasonal adjustment factor group 6 - RECREATION - NONINTERSTATE.
- 3.) Truck type percentages were developed from vehicle class count data provided by the transportation district office.

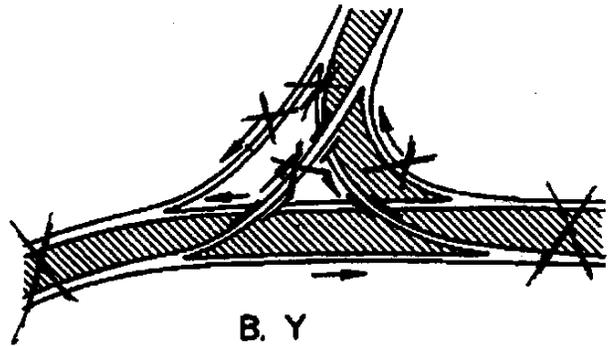
- 4.) Design parameters are based on a design ADT of 12200.
- 5.) The traffic forecast on STH 47 just west of USH 51 is based on 24-hour traffic count data provided by the transportation district office; future volumes were developed by applying growth rates from the forecast further west on STH 47 in Oneida Co. to the ADT derived from the count data. All other forecasts were developed from historical ADT data.





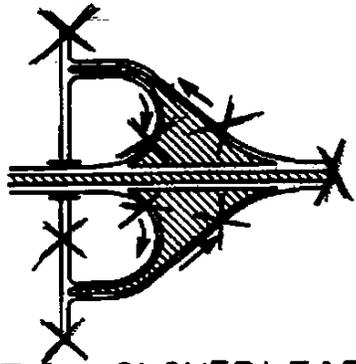
**A. T OR TRUMPET**

Six (6) TC-3 counters



**B. Y**

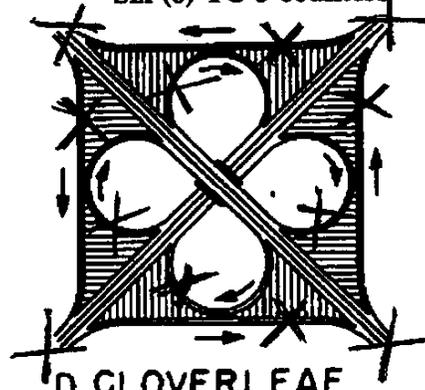
Six (6) TC-3 counters



**C. PARTIAL CLOVERLEAF**

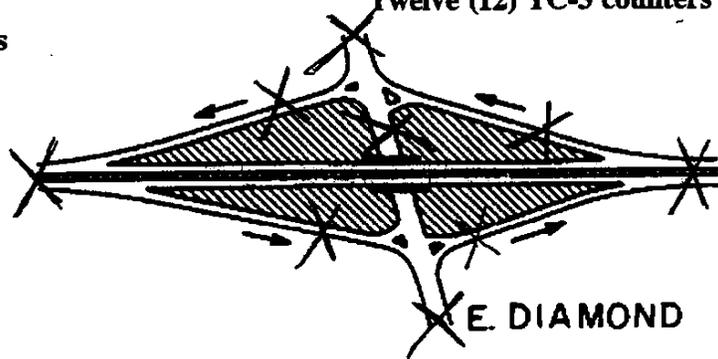
Ramps in 2 Quadrants

Eight (8) TC - 3 counters



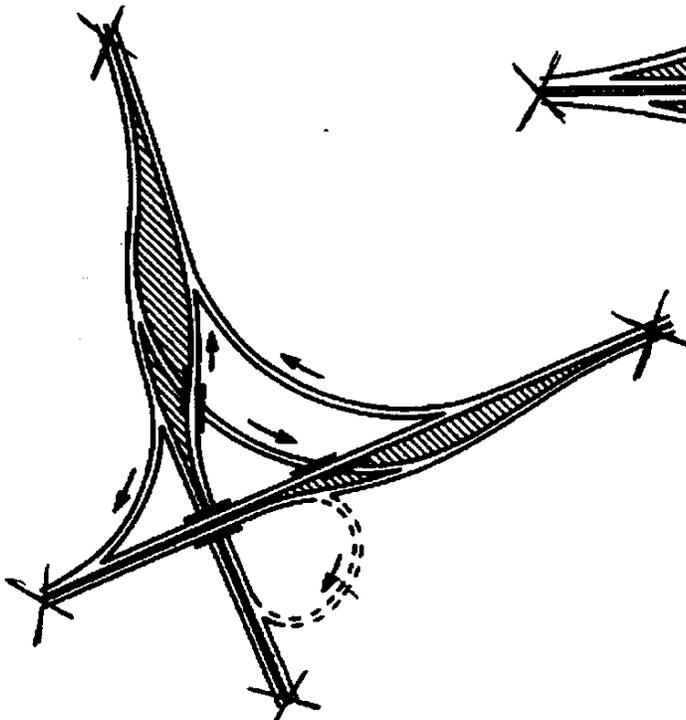
**D. CLOVERLEAF**

Twelve (12) TC-3 counters



**E. DIAMOND**

Nine (9) TC-3 counters



**F. DIRECTIONAL**

One (1) TC-3 counter on each leg and each ramp

Note: A TC-3 counter can be placed in the median and record counts on each roadway separately.