

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT	*STATE ASSIGNED ID [_ _ _ _] *STATE CODE [<u>26</u>] *SHRP SECTION ID [<u>0600</u>]
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1. ANNUAL TRAFFIC ESTIMATES

*YEAR	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	ESTIMATED TOTAL VEHICLES AADT LTPP LANE	*ESTIMATED TOTAL TRUCKS AADT LTPP LANE	*ESTIMATED ESAL=S/YR LTPP LANE (1000'S)
<u>2003</u>	<u>26887</u>	<u>2270</u>	<u>11024</u>	<u>931</u>	<u>341</u>

2. METHOD FOR ESTIMATING TOTAL VEHICLE AADT (TWO-WAY)

- ☒ Growth factored last year=s estimate. (6)
☐ Estimated based on volume counts at nearby locations. (3)
☐ Used computerized network analyses. (4)
☐ Factored a single count taken this year at the LTPP site. (1)
☐ Average multiple counts taken this year at the LTPP site. (2)
☐ Average and factored multiple count taken this year at the LTPP site. (5)
☐ Used flow maps. (7)
☐ Other: (8) _____

3. METHOD FOR ESTIMATING TOTAL TRUCK AADT (TWO-WAY)

- ☐ Used system averages from counts taken this year. (6)
☐ Used count data from nearby sites. (3)
☐ Used count data from previous years at the LTPP site. (7)
☒ Used system averages from previous years. (8)
☐ Used computerized network analyses. (4)
☐ Used a single count taken this year at the LTPP site. (5)
☐ Factored a single count taken this year at the LTPP site. (1)
☐ Averaged multiple counts taken this year at the LTPP site. (2)
☐ Other: (9) _____

4. METHOD FOR ESTIMATING TOTAL VEHICLES LTPP LANE AADT

- ☐ System distribution factors. (2)
☐ Based on actual lane count data. (1)
☒ Other: (3) Growth Factor _____

***5. METHOD FOR ESTIMATING TOTAL TRUCKS, LTPP LANE, AADT**

- ☐ System distribution factors. (2)
☐ Based on actual lane data count. (1)
☒ Other: (3) Growth Factor _____

***6. METHOD FOR ESTIMATING ESAL/YEAR IN LTPP LANE**

- ☒ ESAL/Truck factor (1)
☐ ESAL/Vehicle class. (2) (No. of classes)
☐ ESAL/Axle(3) Sing. _____ Tand. _____ Tri. _____
☐ Other: (4) _____

7. ESAL ESTIMATES - SOURCE OF DATA

- ☐ Weight data collected at LTPP site prior years. (2)
☐ Weight data from system averages this year. (3)
☒ Weight data from system averages prior years. (4)
☐ Weight data from historic W-4 Tables used. (5)
☐ Other: (6) _____

8. WEIGHT SCALE TYPE

- ☐ WIM scale. (1)
☐ Static scale used for enforcement. (2)
☒ Static scale not used for enforcement. (3)
☐ Other: (4) _____

NAME OF PREPARER <u>Nancy Whiteford</u>	PHONE# _____	
DATE PREPARED <u>June 2009</u>	rev. March 12, 2001	

**SHEET 10
LTPP TRAFFIC DATA**

**TRAFFIC VOLUME AND LOAD
ESTIMATE UPDATE-NO SITE COUNT**

*STATE ASSIGNED ID [_ _ _ _]
 *STATE CODE [26]
 *SHRP SECTION ID [0600]

1. ANNUAL TRAFFIC ESTIMATES

*YEAR	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	ESTIMATED TOTAL VEHICLES AADT LTPP LANE	*ESTIMATED TOTAL TRUCKS AADT LTPP LANE	*ESTIMATED ESAL=S/YR LTPP LANE (1000'S)
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See Attached Table

**2. METHOD FOR ESTIMATING TOTAL VEHICLE
AADT (TWO-WAY)**

- ☒ Growth factored last year=s estimate. (6)
- ☐ Estimated based on volume counts at nearby locations. (3)
- ☐ Used computerized network analyses. (4)
- ☐ Factored a single count taken this year at the LTPP site. (1)
- ☐ Average multiple counts taken this year at the LTPP site. (2)
- ☐ Average and factored multiple count taken this year at the LTPP site. (5)
- ☐ Used flow maps. (7)
- ☐ Other: (8)

**3. METHOD FOR ESTIMATING TOTAL TRUCK
AADT (TWO-WAY)**

- ☐ Used system averages from counts taken this year. (6)
- ☐ Used count data from nearby sites. (3)
- ☐ Used count data from previous years at the LTPP site. (7)
- ☒ Used system averages from previous years. (8)
- ☐ Used computerized network analyses. (4)
- ☐ Used a single count taken this year at the LTPP site. (5)
- ☐ Factored a single count taken this year at the LTPP site. (1)
- ☐ Averaged multiple counts taken this year at the LTPP site. (2)
- ☐ Other: (9)

**4. METHOD FOR ESTIMATING TOTAL VEHICLES
LTPP LANE AADT**

- ☐ System distribution factors. (2)
- ☐ Based on actual lane count data. (1)
- ☒ Other: (3) G. F.

***5. METHOD FOR ESTIMATING TOTAL TRUCKS,
LTPP LANE, AADT**

- ☐ System distribution factors. (2)
- ☐ Based on actual lane data count. (1)
- ☒ Other: (3) G. F.

***6. METHOD FOR ESTIMATING ESAL/YEAR
IN LTPP LANE**

- ☒ ESAL/Truck factor (1)
- ☐ ESAL/Vehicle class. (2) (No. of classes)
- ☐ ESAL/Axle(3) Sing. ____ Tand. ____ Tri. ____
- ☐ Other: (4)

7. ESAL ESTIMATES - SOURCE OF DATA

- ☐ Weight data collected at LTPP site prior years. (2)
- ☐ Weight data from system averages this year. (3)
- ☒ Weight data from system averages prior years. (4)
- ☐ Weight data from historic W-4 Tables used. (5)
- ☐ Other: (6)

8. WEIGHT SCALE TYPE

- ☐ WIM scale. (1)
- ☐ Static scale used for enforcement. (2)
- ☒ Static scale not used for enforcement. (3)
- ☐ Other: (4)

ENTERED JUL 16 2009

NAME OF PREPARER N. Whiteford PHONE# _____
 DATE PREPARED 7/16/09 rev. March 12, 2001

SHEET 10
LTPP TRAFFIC DATA

State Code	SHRP ID	Year	Estimated Total Vehicles AADT (two-way)	Estimated Total TRUCK AADT (two-way)	Estimated Total Vehicles AADT LTPP LANE	Estimated Total TRUCK AADT LTPP LANE	Estimated ESAL's/YR LTPP LANE (X's 1000)
26	0600	1994	22498	1900	9224	779	285
26	0600	1996	23407	1976	9597	810	297
26	0600	1997	23875	2016	9789	827	303
26	0600	2000	25336	2139	10388	877	321
26	0600	2003	26887	2270	11024	931	341

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORMSTATE
STATE CODE[MICHIGAN]
[26]

FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS SCHEME.
C261001 .C1D	01/01/03	00:00	01/09/03	23:59	FHWA
C261001 .CCD	01/13/03	00:00	01/31/03	23:59	FHWA
C261004 .C1D	01/01/03	00:00	01/31/03	23:59	FHWA
C261010 .C1D	01/01/03	00:00	01/31/03	23:59	FHWA
C261012 .C1D	01/01/03	00:00	01/31/03	23:59	FHWA
C261013 .C1D	01/01/03	00:00	01/31/03	23:59	FHWA
C263069 .C1D	01/01/03	00:00	01/31/03	23:59	FHWA
C264015 .C1D	01/01/03	00:00	01/31/03	23:59	FHWA
C26SPS2 .C1D	01/01/03	00:00	01/15/03	23:59	FHWA
C26SPS2 .CTD	01/30/03	10:00	01/30/03	12:59	FHWA
C269029 .C1D	01/01/03	00:00	01/31/03	23:59	FHWA
C26SPS6 .C1D	01/01/03	00:00	01/31/03	23:59	FHWA
C26SPS9A.C1D	01/01/03	00:00	01/31/03	23:59	FHWA
C26SPS1 .C1D	01/01/03	00:00	01/31/03	23:59	FHWA
W261001 .C1D	01/01/03	00:00	01/09/03	23:59	FHWA

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS SCHEME.
W261001 .CCD	01/13/03	09:00	01/31/03	23:59	FHWA
W261004 .C1D	01/01/03	00:00	01/31/03	23:59	FHWA
W261010 .C1D	01/01/03	10:00	01/31/03	23:59	FHWA
W261012 .C1D	01/01/03	00:00	01/31/03	23:59	FHWA
W261013 .C1D	01/01/03	00:00	01/31/03	23:59	FHWA
W263069 .C1D	01/01/03	00:00	01/31/03	23:59	FHWA
W264015 .C1D	01/01/03	00:00	01/31/03	23:59	FHWA
W26SPS2 .C1D	01/01/03	00:00	01/15/03	23:59	FHWA
W26SPS2 .CTD	01/30/03	10:00	01/30/03	12:59	FHWA
W269029 .C1D	01/01/03	00:00	01/31/03	23:59	FHWA
W26SPS6 .C1D	01/01/03	00:00	01/31/03	23:59	FHWA
W26SPS9A.C1D	01/01/03	00:00	01/31/03	23:59	FHWA
W26SPS1 .C1D	01/01/03	00:00	01/31/03	23:59	FHWA
					FHWA
					FHWA

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORMSTATE
STATE CODE[MICHIGAN]
[26]

FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS SCHEME.
C261001 .D1D	02/01/03	00:00	02/05/03	23:59	FHWA
C261004 .D1D	02/01/03	00:00	02/28/03	23:59	FHWA
C261010 .D1D	02/01/03	00:00	02/28/03	23:59	FHWA
C261012 .D1D	02/01/03	00:00	02/28/03	23:59	FHWA
C261013 .D1D	02/01/03	00:00	02/14/03	23:59	FHWA
C261013 .DFD	02/16/03	00:00	02/18/03	23:59	FHWA
C261013 .DJD	02/20/03	00:00	02/28/03	23:59	FHWA
C263069 .D1D	02/01/03	00:00	02/28/03	23:59	FHWA
C264015 .D1D	02/01/03	00:00	02/08/03	23:59	FHWA
C264015 .D0D	02/10/03	00:00	02/28/03	23:59	FHWA
C26SPS2 .D3D	02/03/03	13:00	02/28/03	23:59	FHWA
C269029 .D1D	02/01/03	00:00	02/28/03	23:59	FHWA
C26SPS6 .D1D	02/01/03	00:00	02/28/03	23:59	FHWA
C26SPS9A.D1D	02/01/03	00:00	02/28/03	23:59	FHWA
C26SPS1 .D1D	02/01/03	00:00	02/28/03	23:59	FHWA

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS SCHEME.
W261001 .D1D	02/01/03	00:00	02/05/03	23:59	FHWA
W261004 .D1D	02/01/03	00:00	02/28/03	23:59	FHWA
W261010 .D1D	02/01/03	00:00	02/28/03	23:59	FHWA
W261012 .D1D	02/01/03	00:00	02/28/03	23:59	FHWA
W261013 .D1D	02/01/03	00:00	02/14/03	23:59	FHWA
W261013 .DFD	02/16/03	00:00	02/18/03	23:59	FHWA
W261013 .DJD	02/20/03	00:00	02/28/03	23:59	FHWA
W263069 .D1D	02/01/03	00:00	02/28/03	23:59	FHWA
W264015 .D1D	02/01/03	00:00	02/08/03	23:59	FHWA
W264015 .D0D	02/10/03	00:00	02/28/03	23:59	FHWA
W26SPS2 .D3D	02/03/03	13:00	02/28/03	23:59	FHWA
W269029 .D1D	02/01/03	00:00	02/28/03	23:59	FHWA
W26SPS6 .D1D	02/01/03	00:00	02/28/03	23:59	FHWA
W26SPS9A.D1D	02/01/03	00:00	02/28/03	23:59	FHWA
W26SPS1 .D1D	02/01/03	00:00	02/28/03	23:59	FHWA

U:
KLC
JAS
ARC

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS SCHEME.
C261004 .E1D -----	03/01/03 -----	00:00 -----	03/31/03 -----	23:59 -----	FHWA -----
C261010 .E1D -----	03/01/03 -----	00:00 -----	03/31/03 -----	23:59 -----	FHWA -----
C261012 .E1D -----	03/01/03 -----	00:00 -----	03/31/03 -----	23:59 -----	FHWA -----
C261013 .E1D -----	03/01/03 -----	00:00 -----	03/31/03 -----	23:59 -----	FHWA -----
C263069 .E1D -----	03/01/03 -----	00:00 -----	03/31/03 -----	23:59 -----	FHWA -----
C264015 .E1D -----	03/01/03 -----	00:00 -----	03/31/03 -----	23:59 -----	FHWA -----
C26SPS2 .E1D -----	03/01/03 -----	00:00 -----	03/31/03 -----	23:59 -----	FHWA -----
C269029 .E1D -----	03/01/03 -----	00:00 -----	03/31/03 -----	23:59 -----	FHWA -----
C26SPS6 .E1D -----	03/01/03 -----	00:00 -----	03/01/03 -----	23:59 -----	FHWA -----
C26SPS6 .E3D -----	03/03/03 -----	00:00 -----	03/31/03 -----	23:59 -----	FHWA -----
C26SPS9A.E1D -----	03/01/03 -----	00:00 -----	03/31/03 -----	23:59 -----	FHWA -----
C26SPS1 .E1D -----	03/01/03 -----	00:00 -----	03/31/03 -----	23:59 -----	FHWA -----
W261004 .E1D -----	03/01/03 -----	00:00 -----	03/31/03 -----	23:59 -----	FHWA -----
W261010 .E1D -----	03/01/03 -----	00:00 -----	03/31/03 -----	23:59 -----	FHWA -----
W261012 .E1D -----	03/01/03 -----	00:00 -----	03/31/03 -----	23:59 -----	FHWA -----

[MICHIGAN]
[26]

[illegible]

Rec'd w/ no stamp on envelope in
shots (probably 9/18)

EF w/zip disk

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS SCHEME. FHWA
C261004 .J1D	08/01/03	00:00	08/31/03	23:59	FHWA
C261010 .J1D	08/01/03	00:00	08/31/03	23:59	FHWA
C261012 .J1D	08/01/03	00:00	08/13/03	23:59	FHWA
C261012 .JED	08/15/03	00:00	08/31/03	23:59	FHWA
C261013 .J1D	08/01/03	00:00	08/31/03	23:59	FHWA
C263069 .J1D	08/01/03	00:00	08/31/03	23:59	FHWA
C264015 .J1D	08/01/03	00:00	08/31/03	23:59	FHWA
C26SPS2 .J1D	08/01/03	00:00	08/08/03	10:59	FHWA
C26SPS2 .JAD	08/11/03	11:00	08/31/03	23:59	FHWA
C269029 .J1D	08/01/03	00:00	08/31/03	23:59	FHWA
C26SPS6 .J1D	08/01/03	00:00	08/31/03	23:59	FHWA
C26SPS9A.J1D	08/01/03	00:00	08/31/03	23:59	FHWA
W261004 .J1D	08/01/03	00:00	08/09/03	23:59	FHWA
W261004 .JAD	08/11/03	00:00	08/31/03	23:59	FHWA
W261010 .J1D	08/01/03	00:00	08/31/03	23:59	FHWA

NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716
DATE PREPARED 09-09-2003

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

[MICHIGAN]
[26]

FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS SCHEME.
W261012 .J1D	08/01/03	00:00	08/13/03	03:59	FHWA
W261012 .JED	08/15/03	00:00	08/31/03	23:59	FHWA
W261013 .J1D	08/01/03	00:00	08/31/03	23:59	FHWA
W263069 .J1D	08/01/03	00:00	08/31/03	23:59	FHWA
W264015 .J1D	08/01/03	00:00	08/31/03	23:59	FHWA
W26SPS2 .J1D	08/01/03	00:00	08/08/03	23:59	FHWA
W26SPS2 .JAD	08/11/03	11:00	08/31/03	23:59	FHWA
W269029 .J1D	08/01/03	00:00	08/31/03	23:59	FHWA
W26SPS6 .J1D	08/01/03	00:00	08/31/03	23:59	FHWA
W26SPS9A.J1D	08/01/03	00:00	08/31/03	23:59	FHWA
					FHWA
					FHWA
					FHWA
					FHWA
					FHWA

NAME OF PREPARER JAMES KRAMER PHONE# (517) 322-1716

DATE PREPARED 09-09-2003

SHEET 15
LTPP TRAFFIC DATA

**LOG OF CHANGE AT LTPP TEST
LOCATIONS WITH PERM. AVC OR WIM**

*STATE ASSIGNED ID

*STATE CODE

*SHRP SECTION ID

[314]

[26]

[0600]

LOCATION Bay City TYPE EQUIP. DAT
MP# _____ MODEL # DAW 100

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
7-9-03	1:00	Replaced DAW 100 with a DAW 120	JK	512 322 1716	