

ENTERED FEB 27 2001

E-mail from Al Blazucki. Feb. 5/01

SHEET 10  
LTPP TRAFFIC DATATRAFFIC VOLUME AND LOAD  
ESTIMATE UPDATE-NO SITE COUNT

\*STATE ASSIGNED ID

[ \_ \_ \_ ]

\*STATE CODE

[ 24 ]

\*SHRP SECTION ID

[ 2401 ]

## 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)
1999	42700	2990	10675	750	265

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. (9)
- ☐ 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. (4)
- ☐ Averaged multiple counts taken this year at the LTPP site. (2)
- ☐ Other: (10) \_\_\_\_\_

4. METHOD FOR ESTIMATING TOTAL VEHICLES  
LTPP LANE AADT

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

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

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

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

- ☐ ESAL/Truck factor (1)
- ☒ ESAL/Vehicle class. (2) (No. of classes) 13 "F"
- ☐ 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) Previous Loadometer.

## 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 ED FILLIONDATE PREPARED Feb. 28, 2001PHONE # 716-632-0804

rev. February 21, 2000

SHEET 12  
TRAFFIC DATA  
COLLECTION SITE

STATE ASSIGNED ID  
STATE CODE  
SHRP SECTION ID  
EFFECTIVE DATE

24  
2401  
03/23/99

HIGHWAY RT. NO. MD24 MILEPOST NO. 4.83

LOCATION .60 MI N OF MD924 EMMORTON ROAD

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER #BINS 13

TYPE OF CLASSIFICATION EQUIPMENT: PORTABLE X PERMANENT

AVC EQUIPMENT MAKE / MODEL NO. DIAMOND/ UNICORN

SENSOR TYPE TUBES

WEIGHT SCALE TYPE: PORT. WIM PERM. WIM OTHER

EQUIPMENT MAKE / MODEL NO.

SENSOR TYPE

METHOD OF CALIBRATION: MANUAL

FREQUENCY OF CALIBRATION:

COMMENTS:

NAME OF PREPARER MCV Associates, Inc. PHONE NO. 703-914-4850  
DATE PREPARED 3/24/99

SHEET 12  
TRAFFIC DATA  
COLLECTION SITE

STATE ASSIGNED ID  
STATE CODE  
SHRP SECTION ID  
EFFECTIVE DATE

24 01  
24 01  
06 / 15 / 99

HIGHWAY RT. NO. **MD 24**

*Milepost 4.83*

LOCATION **.6 MILE NORTH OF MD 924 (EMMORTON RD)**

VEHICLE CLASSIFICATION METHOD: FHWA ☒ OTHER #BINS **13**

TYPE OF CLASSIFICATION EQUIPMENT: PORTABLE ☒ PERMANENT

AVC EQUIPMENT MAKE / MODEL NO. **MITRON / MSC3000 (1 UNIT PER LANE)**

SENSOR TYPE **LPH ROAD TUBE (TMT Blockers if 3 lanes or more per direction)**

WEIGHT SCALE TYPE: PORT. WIM PERM. WIM OTHER

EQUIPMENT MAKE / MODEL NO.

SENSOR TYPE

METHOD OF CALIBRATION:

FREQUENCY OF CALIBRATION:

COMMENTS:

NAME OF PREPARER: **ROY COLQUITT**

PHONE NO.: **(410)381-1995**

DATE PREPARED **June 28, 1999**

**SHEET 12  
TRAFFIC DATA  
COLLECTION SITE**STATE ASSIGNED ID  
STATE CODE  
SHRP SECTION ID  
EFFECTIVE DATE24  
2401  
07/12/99✓ HIGHWAY RT. NO. MD 24 MILEPOST NO. 4.83✓ LOCATION MD 24 .60 MILES NORTH OF MD 924✓ VEHICLE CLASSIFICATION METHOD: FHWA X OTHER        #BINS       ✓ TYPE OF CLASSIFICATION EQUIPMENT: PORTABLE X PERMANENT       ✓ AVC EQUIPMENT MAKE / MODEL NO. PEEK ADR 1000✓ SENSOR TYPE ROAD TUBEWEIGHT SCALE TYPE: PORT. WIM        PERM. WIM        OTHER       EQUIPMENT MAKE / MODEL NO.       SENSOR TYPE       ✓ METHOD OF CALIBRATION: PEEK TRAFFIC INC. VALIDATION✓ FREQUENCY OF CALIBRATION: SEMI - ANNUALCOMMENTS:   ✓ NAME OF PREPARER MICHAEL GIBEAU PHONE NO. (410) 312-0966  
✓ DATE PREPARED 8/4/99

09/23/99 11:40 FAX 4100000210  
Received: 9/23/99 9:19AM  
SEP-23-99 THU 9:17 AM JMT MARYLAND  
89/22/1999 12:47 4102095033

410 472 2200 -> RK&K, LLP, Page 3  
FAX NO. 410 472 2200  
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SHEET 12	STATE ASSIGNED ID	---
TRAFFIC DATA	STATE CODE	24
COLLECTION SITE	SHRP SECTION ID	2401
	EFFECTIVE DATE	08/17/99

HIGHWAY RT. NO. MD 24 MILEPOST NO. 4.83

LOCATION .60 MI N OF MD 924 (EMMORTON ROAD)

VEHICLE CLASSIFICATION METHOD: FHWA ☒ OTHER ☐ #BINS 13

TYPE OF CLASSIFICATION EQUIPMENT: PORTABLE ☒ PERMANENT ☐

AVC EQUIPMENT MAKE / MODEL NO. PEEK ADR-1000

SENSOR TYPE TUBES

WEIGHT SCALE TYPE: PORT. WIM ☐ PERM. WIM ☐ OTHER ☐

EQUIPMENT MAKE / MODEL NO.

SENSOR TYPE

METHOD OF CALIBRATION: MANUAL

FREQUENCY OF CALIBRATION: EACH NEW COUNT

COMMENTS:

NAME OF PREPARER	RK&K ENGINEERS, LLP	PHONE NO.	(410) 728-2100
DATE PREPARED	9/23/99		

SHEET 12  
TRAFFIC DATA  
COLLECTION SITE

STATE ASSIGNED ID  
STATE CODE  
SHRP SECTION ID  
EFFECTIVE DATE

24  
2401  
09/27/99

✓ HIGHWAY RT. NO. MD 24 MILEPOST NO. 4.83

✓ LOCATION 60 MI NORTH OF MD 924

✓ VEHICLE CLASSIFICATION METHOD: FHWA X OTHER        #BINS 13

✓ TYPE OF CLASSIFICATION EQUIPMENT: PORTABLE X PERMANENT       

✓ AVC EQUIPMENT MAKE / MODEL NO. PEEK ADR 1000

✓ SENSOR TYPE ROAD TUBE

WEIGHT SCALE TYPE: PORT. WIM        PERM. WIM        OTHER       

EQUIPMENT MAKE / MODEL NO.       

SENSOR TYPE       

✓ METHOD OF CALIBRATION: PEEK TRAFFIC VALIDATION

✓ FREQUENCY OF CALIBRATION: SEMI-ANNUAL

COMMENTS:       

      

      

      

      

      

      

      

      

      

      

      

      

      

      

✓ NAME OF PREPARER MIKE GIBBON

PHONE NO.       

✓ DATE PREPARED 9/30/99

SEP-23-99 THU 9:17 AM JMT MARYLAND

FAX NO. 410 472 2200

P. 3

09/22/1999 12:47 4102095033

SHA HSD

PAGE 03/03

SHEET 12  
TRAFFIC DATA  
COLLECTION SITE

STATE ASSIGNED ID  
STATE CODE  
SHRP SECTION ID  
EFFECTIVE DATE

24  
2401  
10/12/99

HIGHWAY RT. NO. MD 24 MILEPOST NO. 4.83

LOCATION .60 MI N OF MD 924 (EMMORTON ROAD)

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER #BINS 13

TYPE OF CLASSIFICATION EQUIPMENT: PORTABLE X PERMANENT

AVC EQUIPMENT MAKE / MODEL NO. PEEK ADR-1000

SENSOR TYPE TUBES

WEIGHT SCALE TYPE: PORT. WIM PERM. WIM OTHER

EQUIPMENT MAKE / MODEL NO.

SENSOR TYPE

METHOD OF CALIBRATION: MANUAL

FREQUENCY OF CALIBRATION: EACH NEW COUNT

COMMENTS:

NAME OF PREPARER RK&K ENGINEERS, LLP PHONE NO. (410) 728-2900  
DATE PREPARED 10/28/99

SHEET 12  
TRAFFIC DATA  
COLLECTION SITE

STATE ASSIGNED ID  
STATE CODE  
SHRP SECTION ID  
EFFECTIVE DATE

24 ---  
2401  
11/09/99

HIGHWAY RT. NO. MD 24 MILEPOST NO. 4.83

LOCATION MD 24 WB 0.6 mi N of MD 924 (Emmorton Rd)

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER        #BINS 15

TYPE OF CLASSIFICATION EQUIPMENT: PORTABLE X PERMANENT       

AVC EQUIPMENT MAKE / MODEL NO. JAMAR TRAX-I

SENSOR TYPE TUBES

WEIGHT SCALE TYPE: PORT. WIM        PERM. WIM        OTHER       

EQUIPMENT MAKE / MODEL NO.       

SENSOR TYPE       

METHOD OF CALIBRATION: MANUAL FIELD TEST

FREQUENCY OF CALIBRATION: BEFORE COUNT

COMMENTS:       

NAME OF PREPARER  
DATE PREPARED

[Signature]  
12/13/97

PHONE NO. (410) 512-4541



SHEET 12  
TRAFFIC DATA  
COLLECTION SITE

STATE ASSIGNED ID

STATE CODE 24SHRP SECTION ID 2401EFFECTIVE DATE 11/09/99HIGHWAY RT. NO. MD 24 MILEPOST NO. 4.83LOCATION MD 24 SB 0.6 mi N of MD 924 (Emmorton Rd)VEHICLE CLASSIFICATION METHOD: FHWA X OTHER        #BINS 15TYPE OF CLASSIFICATION EQUIPMENT: PORTABLE X PERMANENT       AVC EQUIPMENT MAKE / MODEL NO. JAMAR TRAX-ISENSOR TYPE TUBESWEIGHT SCALE TYPE: PORT. WIM        PERM. WIM        OTHER       EQUIPMENT MAKE / MODEL NO.       SENSOR TYPE       METHOD OF CALIBRATION: MANUAL FIELD TESTFREQUENCY OF CALIBRATION: BEFORE CountCOMMENTS:       NAME OF PREPARER Ann E. [Signature]DATE PREPARED 12/13/99PHONE NO. (410) 512-4541

SHEET 12  
TRAFFIC DATA  
COLLECTION SITE

STATE ASSIGNED ID  
STATE CODE  
SHRP SECTION ID  
EFFECTIVE DATE

24  
2401  
12 101 199

✓ HIGHWAY RT. NO. MD 24 MILEPOST NO. 4.83

✓ LOCATION .60 MILES NORTH OF MD 924

✓ VEHICLE CLASSIFICATION METHOD: FHWA X OTHER        #BINS 15

✓ TYPE OF CLASSIFICATION EQUIPMENT: PORTABLE X PERMANENT       

✓ AVC EQUIPMENT MAKE / MODEL NO. PEEK ADR 1000

✓ SENSOR TYPE ROAD TUBE

WEIGHT SCALE TYPE: PORT. WIM        PERM. WIM        OTHER       

EQUIPMENT MAKE / MODEL NO.       

SENSOR TYPE       

✓ METHOD OF CALIBRATION: PEEK TRAFFIC VALIDATION

✓ FREQUENCY OF CALIBRATION: SEMI - ANNUAL

COMMENTS:       

      

      

      

      

      

      

✓ NAME OF PREPARER MIKE GIBEAU PHONE NO. (410) 312-0966  
✓ DATE PREPARED 12/15/99

**SHEET 13****STATE****MARYLAND****TRAFFIC DATA FILES****STATE CODE****24****TRANSMITTAL FORM**

<b>FILE NAME</b>	<b>START DATE</b> mm/dd/yy	<b>START TIME</b> hh:mm	<b>END DATE</b> mm/dd/yy	<b>END TIME</b> hh:mm	<b>CLASS.</b> <b>SCHEME</b>
V241634.C19	01/01/1999	0000	01/03/1999	2400	N/A
V241634.CF9	01/16/1999	0000	01/17/1999	2400	N/A
V241634.HJ9	06/20/1999	0000	07/12/1999	2400	N/A
V242401.C19	01/01/1999	0000	01/29/1999	2400	N/A
V242401.CU9	01/31/1999	0000	04/04/1999	2400	N/A
V242401.F69	04/06/1999	0000	04/08/1999	2400	N/A
V242401.I59	07/05/1999	0000	07/26/1999	2400	N/A
V242401.IR9	07/28/1999	0000	07/31/1999	2400	N/A
V241632.C19	01/01/1999	0000	04/04/1999	2400	N/A
V241632.F69	04/06/1999	0000	04/27/1999	2400	N/A
V241632.FS9	04/29/1999	0000	06/28/1999	2400	N/A
V241632.IR9	07/28/1999	0000	07/31/1999	2400	N/A
V245807.CG9	01/17/1999	0000	01/25/1999	2400	N/A
V245807.CQ9	01/27/1999	0000	01/29/1999	2400	N/A
V245807.CU9	01/31/1999	0000	03/15/1999	2400	N/A
V245807.EG9	03/17/1999	0000	04/04/1999	2400	N/A
V245807.F69	04/06/1999	0000	04/19/1999	2400	N/A
V245807.FK9	04/21/1999	0000	04/27/1999	2400	N/A
V245807.FS9	04/29/1999	0000	07/31/1999	2400	N/A
V242805.D19	02/01/1999	0000	02/08/1999	2400	N/A
V242805.D09	02/10/1999	0000	02/15/1999	2400	N/A
V242805.DH9	02/18/1999	0000	02/25/1999	2400	N/A

Name of preparer	<u>Barry Balzanna</u>	Phone No.	<u>410-545-5509</u>
Date prepared	<u>10/05/1999</u>		

SHEET 13	STATE	MARYLAND
TRAFFIC DATA FILES		
TRANSMITTAL FORM	STATE CODE	24

[illegible]

Name of preparer	<u>Barry Balzanna</u>	Phone No.	<u>410-545-5509</u>
Date prepared	<u>10/06/1999</u>		

**SHEET 13**  
**TRAFFIC DATA FILES**  
**TRANSMITTAL FORM**

**STATE**                    **MARYLAND**  
**STATE CODE**            **24**

FILE NAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS. SCHEME
V241634.JA9	08/11/1999	0000	08/16/1999	2400	N/A
V241634.KE9	09/15/1999	0000	10/31/1999	2400	N/A
V241634.M29	11/02/1999	0000	11/15/1999	2400	N/A
V241634.MH9	11/18/1999	0000	12/05/1999	2400	N/A
V241634.N79	12/07/1999	0000	12/31/1999	2400	N/A
V242401.J19	08/01/1999	0000	08/13/1999	2400	N/A
V242401.K09	09/10/1999	0000	10/31/1999	2400	N/A
V242401.M29	11/02/1999	0000	11/15/1999	2400	N/A
V242401.MG9	11/17/1999	0000	12/02/1999	2400	N/A
V242401.N49	12/04/1999	0000	12/05/1999	2400	N/A
V242401.N79	12/07/1999	0000	12/31/1999	2400	N/A
V241632.J19	08/01/1999	0000	10/31/1999	2400	N/A
V241632.M29	11/02/1999	0000	11/15/1999	2400	N/A
V241632.MG9	11/17/1999	0000	12/02/1999	2400	N/A
V241632.N49	12/04/1999	0000	12/05/1999	2400	N/A
V241632.N79	12/07/1999	0000	12/31/1999	2400	N/A
V240500.K99	09/09/1999	0000	10/31/1999	2400	N/A
V240500.M29	11/02/1999	0000	11/02/1999	2400	N/A

Name of preparer	<u>Barry Balzanna</u>	Phone No.	<u>410-545-5509</u>
Date prepared	<u>01/06/00</u>		

SHEET 13 TRAFFIC DATA FILES TRANSMITTAL FORM	STATE	MARYLAND
	STATE CODE	24

FILE NAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS. SCHEME
C241634.LP9	10/26/1999	0000	10/27/1999	2400	F (13 BIN)
C242401.LP9	10/26/1999	0000	10/27/1999	2400	F (13 BIN)
C240500.M99	11/09/1999	0000	11/10/1999	2400	F (15 BIN)
C241632.M99	11/09/1999	0000	11/10/1999	2400	F (15 BIN)
C241634.M99	11/09/1999	0000	11/10/1999	2400	F (15 BIN)
C242401.M99	11/09/1999	0000	11/10/1999	2400	F (15 BIN)
C242805.M09	11/10/1999	0000	11/11/1999	2400	F (15 BIN)
C245807.M09	11/10/1999	0000	11/11/1999	2400	F (15 BIN)
C240500.N79	12/07/1999	0000	12/08/1999	2400	F (13 BIN)
C241632.N19	12/01/1999	0000	12/02/1999	2400	F (13 BIN)
C241634.N19	12/01/1999	0000	12/02/1999	2400	F (15 BIN)
C242401.N19	12/01/1999	0000	12/02/1999	2400	F (15 BIN)
C242805.N19	12/01/1999	0000	12/02/1999	2400	F (15 BIN)
C245807.N19	12/01/1999	0000	12/02/1999	2400	F (13 BIN)

Portals  
Use  
Day

Name of preparer	Barry Balzanna	Phone No.	410-545-5509
Date prepared	01/06/00		