

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [0522] *STATE CODE [72] *SHRP SECTION ID [3008]
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SB 8-31-95

STATE OR PROVINCE Puerto Rico COUNTY Caguas
 HIGHWAY ROUTE NO. PR-52 MILEPOST# 7.14
 NEAREST CITY/TOWN Caguas NEAREST INTERSECTION _____
 * FUNCTIONAL CLASS 02 NO. LANES EACH DIRECTION 3 TOTAL NO. LANES 6
 DIRECTION OF TRAVEL GPS LANE ~~28~~ SB DATE OPENED TO TRAF. 09-25-77
 FIPS COUNTY CODE 025 FHWA STATION IDENTIFICATION NO. _____
 HPMS SAMPLE NO. _____ HPMS SUBDIVISION NO. _____
 TYPE OF PAVEMENT: AC _____ PCC ☒ OTHER _____
 CONTROL OF ACCESS: YES ☒ NO _____ MEDIAN: YES ☒ NO _____
 CURRENT SURROUNDING DEVELOPMENT:
 URBAN _____ SUBURBAN _____ RURAL ☒
 HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?
 YES _____ NO ☒
 IF YES, DESCRIBE CHANGES _____

NOTE: ATTACH ALL RELATED FORMS AND COUNT DATA AND SUBMIT TO THE
 SHRP REGIONAL OFFICE. ATTACH MAP INDICATING THE LOCATION OF
 EACH TRAFFIC COUNT, VEHICLE CLASSIFICATION COUNT, OR WEIGHT
 STATION RELATIVE TO THIS GPS TEST SECTION.

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

SHEET 2
LTPP TRAFFIC DATA
TRAFFIC VOLUMES
AND LOAD ESTIMATES

*STATE ASSIGNED ID [_ _ _ _]

*STATE CODE [72]

*SHRP SECTION ID [3008]

7% trucks

YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE	5. ESTIMATED ESAL'S / YR GPS LANE (1000's)
1989	70,687	4948	35,343	2474	1,368
1988	64,997	4550	32,499	2275	1,278
1987	63,941	4476	31,970	2238	1,261
1986	59,947	4196	29,973	2098	1,196
1985	55,937	3916	27,968	1958	1,130
1984	52,132	3649	26,066	1825	1,066
1983	47,653	3336	23,827	1668	988
1982	43,711	3060	21,856	1530	918
1981	43,546	3048	21,773	1524	915
1980	42,287	2960	21,143	1480	892
1979	39,436	2761	19,718	1380	840
1978	36,295	2541	18,148	1270	781
1977	32,800	2296	16,400	1148	190
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER _____ PHONE # _____
 DATE PREPARED _____

SHEET 3

LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS

*STATE ASSIGNED ID [_ _ _ _]

*STATE CODE [72]

*SHRP SECTION ID [3008]

1. Year (s) Applicable '77-'89

2. METHOD FOR ESTIMATING AADT

- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Averaged and factored multiple counts taken this year at the GPS site.
- ☐ Growth factored last year's estimate.
- ☐ Estimated based on volume counts at nearby locations.
- ☐ Used flow maps.
- ☐ Used computerized network analyses.
- ☒ Other: Tollway records

3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

- ☐ Used a single count taken this year at the GPS site.
- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☒ Used system averages from counts taken this year.
- ☐ Used count data from nearby sites.
- ☐ Used count data taken in earlier years at the GPS site.
- ☐ Used system averages taken in earlier years at the GPS site.
- ☐ Used computerized network analyses.
- ☐ Other: _____

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: _____

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: _____

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
- ☒ ESAL/Vehicle class. (no. of classes) 8
- ☐ Other: _____

7. ESAL ESTIMATES

(A) Source of Data

- ☐ Weight data collected at GPS site this year.
- ☐ Weight data collected at GPS site prior years.
- ☐ Weight data from system averages this year.
- ☒ Weight data from system averages prior years.
- ☐ Weight data from historic W-4 Tables used.
- ☐ Other: _____

(B) Weight Scale Type

- ☐ WIM scale.
- ☐ Static scale used for enforcement.
- ☒ Static scale not used for enforcement.
- ☐ Other: _____

NAME OF PREPARER _____ PHONE # _____

DATE PREPARED _____

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [<u>0522</u>] *STATE CODE [<u>72</u>] *SHRP SECTION ID [<u>3008</u>]
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HIGHWAY RT. NO. (THIS COUNT) <u>P.R. 52</u>	MILEPOST# (THIS COUNT) <u>7.2</u>
LOCATION (THIS COUNT) <u>Toll Plaza PR52 Caguas North</u>	FUNCTIONAL CLASS <u>01</u>
BEGINNING DATE <u>04-09-90</u>	ENDING DATE <u>04-09-90</u>
BEGINNING TIME <u>12AM</u>	ENDING TIME <u>12AM</u> DURATION (HRS) <u>24</u>
TYPE OF COUNT: MANUAL <input checked="" type="checkbox"/> AUTOMATED <input checked="" type="checkbox"/> NO. OF LANES COUNTED <u>6</u>	
TYPE OF EQUIP.: AVC PERM. <u>N/A</u> AVC PORT. <u>N/A</u> WIM PERM. <u>N/A</u> WIM PORT. <u>N/A</u>	
EQUIPMENT NAME / MODEL # <u>automated toll system equipment</u>	
TOTAL NO. OF VEHICLES CLASSIFIED <u>50790</u>	# TRUCKS <u>506</u> % TRUCKS <u>.996</u>
NO. OF TRUCKS IN GPS LANE <u>N/A</u>	% OF TRUCKS IN GPS LANE <u>N/A</u>
VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER <u>by axle</u> # BINS _____	

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	<u>50284</u>	<u>N/A</u>	<u>N/A</u>
2. FHWA CLASS 4 (Buses)	<u> </u>		
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>294</u>		
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>136</u>		
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>44</u>		
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u> </u>		
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>29</u>		
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>3</u>		
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u> </u>		
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u> </u>		
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u> </u>		
12. OTHER VEHICLES	<u> </u>		
GRAND TOTAL	<u>50790</u>		

NAME OF PREPARER <u>Engr. Wilfredo Jirau</u>	PHONE # <u>809-721-8787 x3606</u>
DATE PREPARED <u>May 1990</u>	

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [<u>0522</u>] *STATE CODE [<u>73</u>] *SHRP SECTION ID [<u>3008</u>]
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STATE OR PROVINCE Puerto Rico COUNTY Río Piedras
 HIGHWAY ROUTE NO. P.R. 52 ^{Km} MILEPOST# 7.2
 NEAREST CITY/TOWN Río Piedras NEAREST INTERSECTION PR-52 W PR-1; PR-
 FUNCTIONAL CLASS 01 NO. LANES EACH DIRECTION 3 TOTAL NO. LANES 6
 DIRECTION OF TRAVEL GPS LANE SB DATE OPENED TO TRAF. ? - ? - 72
 FIPS COUNTY CODE N/A FHWA STATION IDENTIFICATION NO. N/A
 HPMS SAMPLE NO. N/A HPMS SUBDIVISION NO. N/A
 TYPE OF PAVEMENT: AC _____ PCC ☒ OTHER _____
 CONTROL OF ACCESS: YES ☒ NO _____ MEDIAN: YES ☒ NO _____
 CURRENT SURROUNDING DEVELOPMENT:
 URBAN _____ SUBURBAN _____ RURAL ☒
 HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?
 YES ☒ NO _____
 IF YES, DESCRIBE CHANGES Axle load intensified with economic
factor : market, new & existing, better access to rural
towns, increasing economic pontencial growth.

NOTE: ATTACH ALL RELATED FORMS AND COUNT DATA AND SUBMIT TO THE
 SHRP REGIONAL OFFICE. ATTACH MAP INDICATING THE LOCATION OF
 EACH TRAFFIC COUNT, VEHICLE CLASSIFICATION COUNT, OR WEIGHT
 STATION RELATIVE TO THIS GPS TEST SECTION.

NAME OF PREPARER <u>Engr. Wilfredo Jirau</u> DATE PREPARED <u>May 1990</u>	PHONE # <u>809 721-8787 x3606</u>
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<p>SHEET 2</p> <p>LTPP TRAFFIC DATA</p> <p>TRAFFIC VOLUMES AND LOAD ESTIMATES</p>	<p>*STATE ASSIGNED ID [0522]</p> <p>*STATE CODE [72]</p> <p>*SHRP SECTION ID [3008]</p>
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YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE	5. ESTIMATED ESAL'S / YR GPS LANE (1000's)
1989	25,800,634	1990 is in floppy disk			
1988					
1987					
1986					
1985					
1984					
1983					
1982					
1981					
1980					
1979					
1978					
1977					
1976					
1975					
1974					
1973					
(1972)	Data available but the system used is taperecorder				
1971					
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER <u>Engr. Wilfred Jirau</u>	PHONE # <u>809 721-8787 x 3606</u>
DATE PREPARED <u>May 1990</u>	

SHEET 3

LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS

*STATE ASSIGNED ID [0522]

*STATE CODE [72]

*SHRP SECTION ID [3008]

1. Year Applicable _____

2. METHOD FOR ESTIMATING AADT

- ☐ Factored a single count taken this year at the GPS site.
☐ Averaged multiple counts taken this year at the GPS site.
☐ Averaged and factored multiple counts taken this year at the GPS site.
☐ Growth factored last year's estimate.
☒ Estimated based on volume counts at nearby locations.
☐ Used flow maps.
☐ Used computerized network analyses.
☐ Other: _____

3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

- ☐ Used a single count taken this year at the GPS site.
☐ Factored a single count taken this year at the GPS site.
☐ Averaged multiple counts taken this year at the GPS site.
☐ Used system averages from counts taken this year.
☒ Used count data from nearby sites.
☐ Used count data taken in earlier years at the GPS site.
☐ Used system averages taken in earlier years at the GPS site.
☐ Used computerized network analyses.
☐ Other: _____

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☒ Based on actual lane count data.
☐ System distribution factors.
☐ Other: _____

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☒ Based on actual lane count data.
☐ System distribution factors.
☐ Other: _____

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
☒ ESAL/Vehicle class. (no. of classes) _____
☐ Other: _____

7. ESAL ESTIMATES

(A) Source of Data

- ☒ Weight data collected at GPS site this year.
☐ Weight data collected at GPS site prior years.
☐ Weight data from system averages this year.
☐ Weight data from system averages prior years.
☐ Weight data from historic W-4 Tables used.
☐ Other: _____

(B) Weight Scale Type

- ☐ WIM scale.
☐ Static scale used for enforcement.
☒ Static scale not used for enforcement.
☐ Other: _____

NAME OF PREPARER

Engr. Wilfredo Jirau

PHONE #

809 721-8787 X3606

DATE PREPARED

May 1990

<p align="center">SHEET 4</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">TRAFFIC VOLUME COUNTS</p>	*STATE ASSIGNED ID [0529]
	*STATE CODE [72]
	*SHRP SECTION ID [3008]

HIGHWAY ROUTE NO. (THIS COUNT) PR 52

^{Km}
MILEPOST# OR LOCATION (THIS COUNT) 7.2

BEGINNING DATE 04-02-90 ENDING DATE 04-03-90

BEGINNING TIME 12:00 AM ENDING TIME 12:00 AM

COUNT DURATION 24 [✓] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER Toll Plaza NAME/MODEL # unknown

TYPE OF COUNT: TWO-WAY ✓ ONE DIRECTION ONLY GPS TEST LANE ONLY

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>65835</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		
B. AXLE CORRECTION FACTOR		
C. DAY OF WEEK FACTOR		
D. MONTH FACTOR		
E. OTHER FACTOR (
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		
4. DIRECTIONAL DISTRIBUTION FACTOR		
5. GPS LANE DISTRIBUTION FACTOR		
6. AADT GPS LANE		

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Engr. Wilfredo Jirau</u>	PHONE # <u>809-721-8787x3606</u>
DATE PREPARED <u>May 1990</u>	

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [0522] *STATE CODE [74] *SHRP SECTION ID [3008]
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HIGHWAY RT. NO. (THIS COUNT) PR 52 MILEPOST# (THIS COUNT) 7.2
 LOCATION (THIS COUNT) Toll Plaza PR52 Caguas North FUNCTIONAL CLASS 01
 BEGINNING DATE 04-02-90 ENDING DATE 04-03-90
 BEGINNING TIME 12:00AM ENDING TIME 12:00AM DURATION (HRS) 24
 TYPE OF COUNT: MANUAL TRUCK AUTOMATED REST NO. OF LANES COUNTED 6
 TYPE OF EQUIP.: AVC PERM. N/A AVC PORT. N/A WIM PERM. N/A WIM PORT. N/A
 EQUIPMENT NAME / MODEL # automated toll system equipment
 TOTAL NO. OF VEHICLES CLASSIFIED 65,835 # TRUCKS 2588 % TRUCKS 3.93
 NO. OF TRUCKS IN GPS LANE N/A % OF TRUCKS IN GPS LANE N/A
 VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER by axle # BINS _____

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	<u>63247</u>		
2. FHWA CLASS 4 (Buses)			
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>1508</u>		
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>297</u>		
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>124</u>		
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)			
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>648</u>		
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>11</u>		
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr. Truck)			
10. FHWA CLASS 12 (6 Axle, Multi-Trlr. Truck)			
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr. Truck)			
12. OTHER VEHICLES			
GRAND TOTAL	<u>65835</u>		

NAME OF PREPARER Engr. Wilfredo Jirau

PHONE # 809 721-8787 x 3606

DATE PREPARED May 1990

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [0522] *STATE CODE [72] *SHRP SECTION ID [3008]
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HIGHWAY ROUTE NO. (THIS COUNT) P.R 52

^{Km}
MILEPOST# OR LOCATION (THIS COUNT) 7.2

BEGINNING DATE 04-03-90 ENDING DATE 04-04-90

BEGINNING TIME 12 AM ENDING TIME 12 AM

COUNT DURATION 24 [✓] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER Toll Plaza NAME/MODEL # UN Known

TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY ☐ GPS TEST LANE ONLY ☐

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>66,634</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		-----
B. AXLE CORRECTION FACTOR		-----
C. DAY OF WEEK FACTOR		-----
D. MONTH FACTOR		-----
E. OTHER FACTOR (-----
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		-----
4. DIRECTIONAL DISTRIBUTION FACTOR		-----
5. GPS LANE DISTRIBUTION FACTOR		-----
6. AADT GPS LANE		-----

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Engr. Wilfredo Jirau</u>	PHONE # <u>809-721-8787x3600</u>
DATE PREPARED <u>May 1990</u>	

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [<u>0522</u>] *STATE CODE [<u>72</u>] *SHRP SECTION ID [<u>3008</u>]
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HIGHWAY RT. NO. (THIS COUNT) <u>PR 52</u>	MILEPOST# (THIS COUNT) <u>7.2</u>
LOCATION (THIS COUNT) <u>Toll Plaza PR 52 Cayas North</u>	FUNCTIONAL CLASS <u>01</u>
BEGINNING DATE <u>64-03-90</u>	ENDING DATE <u>04-04-90</u>
BEGINNING TIME <u>12 AM</u>	ENDING TIME <u>12 AM</u> DURATION (HRS) <u>24</u>
TYPE OF COUNT: MANUAL <input checked="" type="checkbox"/> AUTOMATED <input checked="" type="checkbox"/> NO. OF LANES COUNTED <u>6</u>	
TYPE OF EQUIP.: AVC PERM. <u>N/A</u> AVC PORT. <u>N/A</u> WIM PERM. <u>N/A</u> WIM PORT. <u>N/A</u>	
EQUIPMENT NAME / MODEL # <u>automated toll system equipment</u>	
TOTAL NO. OF VEHICLES CLASSIFIED <u>66,634</u>	# TRUCKS <u>2884</u> % TRUCKS <u>4.33</u>
NO. OF TRUCKS IN GPS LANE <u>N/A</u>	% OF TRUCKS IN GPS LANE <u>N/A</u>
VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER <u>by axle</u> # BINS _____	

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	<u>63750</u>		
2. FHWA CLASS 4 (Buses)	<u> </u>		
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>1685</u>		
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>337</u>		
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>140</u>		
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u> </u>		
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>707</u>		
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>15</u>		
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u> </u>		
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u> </u>		
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u> </u>		
12. OTHER VEHICLES	<u> </u>		
GRAND TOTAL	<u>66634</u>		

NAME OF PREPARER <u>Engr. Wilfredo Jirau</u>	PHONE # <u>809-721-8787 x 3606</u>
DATE PREPARED <u>May 1990</u>	

SHEET 5

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM

*STATE ASSIGNED ID [0522]

*STATE CODE [72]

*SHRP SECTION ID [3008]

HIGHWAY RT. NO. (THIS COUNT) P.R. 52 MILEPOST# (THIS COUNT) 7.2LOCATION (THIS COUNT) Toll Plaza PR52 Caguas North FUNCTIONAL CLASS 01BEGINNING DATE 04-04-90 ENDING DATE 04-05-90BEGINNING TIME 12 AM ENDING TIME 12 AM DURATION (HRS) 24TYPE OF COUNT: MANUAL ☒ AUTOMATED ☒ NO. OF LANES COUNTED 6TYPE OF EQUIP.: AVC PERM. N/A AVC PORT. N/A WIM PERM. N/A WIM PORT. N/AEQUIPMENT NAME / MODEL # Automated toll system equipmentTOTAL NO. OF VEHICLES CLASSIFIED 66198 # TRUCKS 2863 % TRUCKS 4.20NO. OF TRUCKS IN GPS LANE N/A % OF TRUCKS IN GPS LANE N/AVEHICLE CLASSIFICATION METHOD: FHWA by axle OTHER by axle # BINS

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	<u>65335</u>		
2. FHWA CLASS 4 (Buses)	<u> </u>		
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>1702</u>		
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>346</u>		
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>177</u>		
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>624</u>		
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>14</u>		
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u> </u>		
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u> </u>		
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u> </u>		
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u> </u>		
12. OTHER VEHICLES	<u> </u>		
GRAND TOTAL	<u>68198</u>		

NAME OF PREPARER Engr Wilfredo Jirav PHONE # 809-721-8787 x3606
DATE PREPARED May 1990

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [0522] *STATE CODE [72] *SHRP SECTION ID [3008]
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HIGHWAY ROUTE NO. (THIS COUNT) PR52

Km
MILEPOST# OR LOCATION (THIS COUNT) 7.2

BEGINNING DATE 04-05-90 ENDING DATE 04-06-90

BEGINNING TIME 12 AM ENDING TIME 12 AM

COUNT DURATION 24 [☒] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER Toll Plaza NAME/MODEL # unknown

TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY ☐ GPS TEST LANE ONLY ☐

ACTUAL COUNTS	
ITEM	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>72421</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):	
A. ADJUSTMENT TO 24-HOUR COUNT	-----
B. AXLE CORRECTION FACTOR	-----
C. DAY OF WEEK FACTOR	-----
D. MONTH FACTOR	-----
E. OTHER FACTOR ()	-----
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	-----
4. DIRECTIONAL DISTRIBUTION FACTOR	-----
5. GPS LANE DISTRIBUTION FACTOR	-----
6. AADT GPS LANE	-----

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Engr. Wilfredo Jirau</u>	PHONE # <u>809-721-8787X3606</u>
DATE PREPARED <u>May 1990</u>	

SHEET 5

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM

*STATE ASSIGNED ID [0522]

*STATE CODE [72]

*SHRP SECTION ID [3008]

HIGHWAY RT. NO. (THIS COUNT) PR 32 MILEPOST# (THIS COUNT) 7.2LOCATION (THIS COUNT) Toll Plaza PR52 Caguas North FUNCTIONAL CLASS 01BEGINNING DATE 04-05-90 ENDING DATE 04-06-90BEGINNING TIME 12 AM ENDING TIME 10 AM DURATION (HRS) 24TYPE OF COUNT: MANUAL ☒ AUTOMATED ☒ NO. OF LANES COUNTED 6TYPE OF EQUIP.: AVC PERM. N/A AVC PORT. N/A WIM PERM. N/A WIM PORT. N/AEQUIPMENT NAME / MODEL # automated toll system equipmentTOTAL NO. OF VEHICLES CLASSIFIED 72421 # TRUCKS 2950 % TRUCKS 4.07NO. OF TRUCKS IN GPS LANE N/A % OF TRUCKS IN GPS LANE N/AVEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER by axle # BINS _____

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

VEHICLE CLASSES

TOTAL NUMBER
OF VEHICLES
TWO-WAYTOTAL NUMBER
OF VEHICLES
GPS DIRECTIONTOTAL NUMBER
OF VEHICLES
GPS LANE

1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	<u>69471</u>		
2. FHWA CLASS 4 (Buses)			
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>1762</u>		
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>357</u>		
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>158</u>		
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)			
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>657</u>		
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>16</u>		
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)			
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)			
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)			
12. OTHER VEHICLES			

GRAND TOTAL

72421NAME OF PREPARER Engr. Wilfredo JirayPHONE # 809 721-8787 x3606DATE PREPARED May 1990

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [0522]
	*STATE CODE [72]
	*SHRP SECTION ID [3008]

HIGHWAY ROUTE NO. (THIS COUNT) P.R. 52

^{Km}
MILEPOST# OR LOCATION (THIS COUNT) 7.2

BEGINNING DATE 04-06-90 ENDING DATE 04-07-90

BEGINNING TIME 12 AM ENDING TIME 12 AM

COUNT DURATION 24 [☒] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER Toll Plaza NAME/MODEL # UNKNOWN

TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY ☐ GPS TEST LANE ONLY ☐

ACTUAL COUNTS

ITEM

UNITS

1. TOTAL NO. OF VEHICLES (RAW COUNT)

78095

2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):

A. ADJUSTMENT TO 24-HOUR COUNT

B. AXLE CORRECTION FACTOR

C. DAY OF WEEK FACTOR

D. MONTH FACTOR

E. OTHER FACTOR ()

N/A

3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)
(TWO-WAY)

4. DIRECTIONAL DISTRIBUTION FACTOR

5. GPS LANE DISTRIBUTION FACTOR

6. AADT GPS LANE

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Engr. Wilfredo Jirau</u>	PHONE # <u>809-721-8787X3606</u>
DATE PREPARED <u>May 1990</u>	

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [0522] *STATE CODE [72] *SHRP SECTION ID [3008]
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HIGHWAY RT. NO. (THIS COUNT) PR 52 MILEPOST# (THIS COUNT) 7.2
 LOCATION (THIS COUNT) Toll Plaza PR 52 Caguas North FUNCTIONAL CLASS 01
 BEGINNING DATE 04-06-90 ENDING DATE 04-07-90
 BEGINNING TIME 12 AM ENDING TIME 12 AM DURATION (HRS) 24
 TYPE OF COUNT: MANUAL ☒ AUTOMATED ☒ NO. OF LANES COUNTED 6
 TYPE OF EQUIP.: AVC PERM. N/A AVC PORT. N/A WIM PERM. N/A WIM PORT. N/A
 EQUIPMENT NAME / MODEL # Automated toll system equipment
 TOTAL NO. OF VEHICLES CLASSIFIED 78095 # TRUCKS 3291 % TRUCKS 4.21
 NO. OF TRUCKS IN GPS LANE N/A % OF TRUCKS IN GPS LANE N/A
 VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER by axle # BINS _____

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	<u>74 804</u>		
2. FHWA CLASS 4 (Buses)			
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>1907</u>		
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>434</u>		
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>160</u>		
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)			
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>773</u>		
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>17</u>		
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)			
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)			
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)			
12. OTHER VEHICLES			
GRAND TOTAL	<u>78095</u>		

NAME OF PREPARER Engr Wilfredo Jiray PHONE # 809-721-8787 3606
 DATE PREPARED May 1990

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [0522]
	*STATE CODE [72]
	*SHRP SECTION ID [3008]

HIGHWAY ROUTE NO. (THIS COUNT) P.R 52

^{Km} MIKEPOST# OR LOCATION (THIS COUNT) 7.2

BEGINNING DATE 04-07-90 ENDING DATE 04-08-90

BEGINNING TIME 12 AM ENDING TIME 12 AM

COUNT DURATION 24 [☒] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER Toll Plaza NAME/MODEL # UNKNOWN

TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY ☐ GPS TEST LANE ONLY ☐

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>64454</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		-----
B. AXLE CORRECTION FACTOR		-----
C. DAY OF WEEK FACTOR		-----
D. MONTH FACTOR		-----
E. OTHER FACTOR ()		-----
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		-----
4. DIRECTIONAL DISTRIBUTION FACTOR		-----
5. GPS LANE DISTRIBUTION FACTOR		-----
6. AADT GPS LANE		-----

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Engr. Wilfredo Jiran</u>	PHONE # <u>809-721-8787x3606</u>
DATE PREPARED <u>May 1990</u>	

SHEET 5 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION DATA FHWA 13-CLASS SYSTEM	*STATE ASSIGNED ID [<u>0522</u>] *STATE CODE [<u>72</u>] *SHRP SECTION ID <u>Km</u> [<u>3008</u>]
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HIGHWAY RT. NO. (THIS COUNT) PR 52 MILEPOST# (THIS COUNT) 7.2
 LOCATION (THIS COUNT) Toll Plaza PR52 Caguas North FUNCTIONAL CLASS 01
 BEGINNING DATE 04-07-90 ENDING DATE 04-08-90
 BEGINNING TIME 12AM ENDING TIME 12AM DURATION (HRS) 24
 TYPE OF COUNT: MANUAL ☒ AUTOMATED ☒ NO. OF LANES COUNTED 6
 TYPE OF EQUIP.: AVC PERM. N/A AVC PORT. N/A WIM PERM. N/A WIM PORT. N/A
 EQUIPMENT NAME / MODEL # automated toll system equipment
 TOTAL NO. OF VEHICLES CLASSIFIED 64454 # TRUCKS 1245 % TRUCKS 1.93
 NO. OF TRUCKS IN GPS LANE N/A % OF TRUCKS IN GPS LANE N/A
 VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER hyale # BINS _____

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	<u>63209</u>		
2. FHWA CLASS 4 (Buses)	<u> </u>		
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>799</u>		
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>195</u>		
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>49</u>		
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u> </u>		
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>193</u>		
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>9</u>		
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u> </u>		
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u> </u>		
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u> </u>		
12. OTHER VEHICLES	<u> </u>		
GRAND TOTAL	<u>64454</u>		

NAME OF PREPARER <u>Engr. Wilfredo Jiray</u>	PHONE # <u>809-721-8787 x3606</u>
DATE PREPARED <u>May 1990</u>	

<p align="center">SHEET 4</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">TRAFFIC VOLUME COUNTS</p>	*STATE ASSIGNED ID <u>0522</u>
	*STATE CODE <u>72</u>
	*SHRP SECTION ID <u>3008</u>

HIGHWAY ROUTE NO. (THIS COUNT) PR 52

^{Km} MILEPOST# OR LOCATION (THIS COUNT) 7.2

BEGINNING DATE 04-08-90 ENDING DATE 04-08-90

BEGINNING TIME 12 AM ENDING TIME 12 AM

COUNT DURATION 24 ☒ HOURS ☐ DAYS ☐ MONTHS

TYPE OF COUNTER Toll Plaza NAME/MODEL # UNKNOWN

TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY ☐ GPS TEST LANE ONLY ☐

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>50790</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		-----
B. AXLE CORRECTION FACTOR		-----
C. DAY OF WEEK FACTOR		-----
D. MONTH FACTOR		-----
E. OTHER FACTOR (-----
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		-----
4. DIRECTIONAL DISTRIBUTION FACTOR		-----
5. GPS LANE DISTRIBUTION FACTOR		-----
6. AADT GPS LANE		-----

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Engr. Wilfredo Tiray</u>	PHONE # <u>809-721-8787 x3606</u>
DATE PREPARED <u>May 1990</u>	