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Appendix 13.1 Public Transport Route Reconnaissance Survey Sheet

BUS/PUJ ROUTES AND FREQUENCIES OBSERVED

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Jeepney Traffic Count Survey Sheet (Form 1)

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Jeepney Traffic Count Survey Sheet (Form 2)

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Appendix 13.4 Bus/Mini Bus Traffic Count Survey Sheet

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Appendix 13.5
Schedule of Jeepney Frequency Count Survey

Date	Survey Station Name	No. of Person Supervisors	Surveyor
December 13 (Mon.)	1) MIA Road/Quirino Avenue	3	14
precimen 13 (mont)	2) Sugat Interchange	2	12
	3) Alabang Interchange	2	12
	4) Zapote	2	12
	5) Magallanes/EDSA	2	12
Daniel Maria 1 1 / Maria N			
December 14 (Tuc.)	6) Makati Area	4	20
÷	7) Guadalupe 8) EDSA/Shaw (Crossing)	2 3	13 15
	9) Magallanes	2	8
December 15 (Wed.)	10) Libertad	3	15
•	11) Kalaw/City Hall	1	6
	12) Burgos infront of Mehan Garden	4	20
	13) Libertad between Taft Avenue & Tramo	3	15
December 16 (Thu.)	14) Blumentritt/Rizal Avenue	4	22
	15) Rizal Avenue/C, M, Recto	3	15
•	16) Dagupan St/C, M, Recto/J. Luna	2	10
	17) Divisoria	2	10
December 17 (Fri.)	18) A. Bonifacio/11th Avenue	4	20
	19) North Diversion (Quirino Avenue)	2	10
	20) Balintawak	2	11
	21) Novaliches	3	15
December 20 (Mon.)	22) Gen. Luna/Naval/North Bay Blvd.	2	20
	23) Monumento/Sangandaan	4	38
	24) Rizal Avenue/8, 9, 10th Avenue	4	38
December 21 (Tue.)	25) San Juan (Mun, Hall)	. 2	20
December 21 (Tue.)	26) Pedro Gil/Dart.	2	20
	27) Mandaluyong/Kalentong	4	34
	28) Vito Cruz/Harrison	2	20
January 3 (Mon.)	29) Kamuning/Kamias	2	. 18
&	30) Quirino District		
5 (Wed.)	31) EDSA/E. Rodriguez	2	18
	32) EDSA/Aurora Blvd,	4 2	35 17
	33) Automatic Centre/Aurora Blvd.		
January 6 (Thu.)	34) Quezon Blvd/cor, Banawe	2	16
	35) Quezon Blvd/Araneta/Roxas District	2	14
	36) UP/Marikina	2	13
	37) Del Monte/Roosevelt	2	14
	38) Quezon Blvd/cor, EDSA/Tandang Sora	2	20
January 7 (Fri.)	39) Lealtad/G. Tuazon/Lardizabal/Bustillos	2	18
	40) Stop & Shop	2	20
	41) C. M. Recto infront of San Sebastian College	2	18
	42) R. Magsaysay Blvd/Araneta Avenue	4	31
January 10 (Mon.)	43) Baclaran	4	43
, ,	44) Pasig Area	2	20
	45) P. Sanchez/Aliwiw Br.	2	20
	46) Shaw Blvd, after EDSA	2	20
January 11 (Tue.)	47) Dapital/Recto	2	20
jumaij ii (Luc.)	48) Quiapo	6	59
	49) Quezon Blvd/Raon	2	20
Innuant 17 (Mar.)		1	6
January 17 (Mon.)	50) Philoa/UP	1	14
	51) Shaw Blvd/EDSA 52) Kalentong	2	20
	53) Kamuning/Kamias/T, Morato	2	27
	54) Alabang/Zapote	1	17
	55) Balintawak, Blumentritt/Novaliches	1	14
	56) Makati/Guadalupe	1	12
	57) Tayuman	1	. 4
<u> </u>			
	Sub-total	135	1,045
	Dry Run (Dec. 10)	10	100
			·
	TOTAL	145	1,145

Appendix 13.6 Schedule of Bus Frequency Count Survey

Date	Survey Station Name	No. of Personnel Assig					
		Supervisors	Surveyors				
January 12 (Wed.)	1) Divisoria	2	25				
	2) Balintawak	. 4	34				
	3) Monumento	4	40				
January 13 (Thu.)	4) Ortigas/Meralco Avenue	· 2	20				
	5) Quiapo Bridge	4	40				
	6) L'P/Cubao	4	38				
January 14 (Fri.)	7) Baclaran	6	58				
	8) Nichols Toll Plaza	4	40				
January 18 (Tue.)	9) Monumento	1	5				
·	10) Cubao/UP/QMC	1	5				
	11) Greenhills		2				
	12) Shaw Blvd,	1	5.				
	13) Quiapo/Lawton	1	5				
	14) Fairview/Novaliches, Lagro	1	5				
	15) Divisoria	2	10				
	16) Alabang	1	5				
	17) Baclaran	2	10				
**************************************	TOTAL	40	347				

Appendix 13.7

Jeepney Vehicular Traffic Count Survey Master Sheet

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Appendix 13.8
Bus/Mini Bus Vehicular Count Survey Master Sheet

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	19:00-20:00 20:00-21:00				. :				<u> </u>				
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Appendix 13.9 Jeepney Operations/Passenger Traffic Survey Sheet

	en en en en en en en en en en en en en e		SHEE	T NO.	
STA. NAME.		STA. NO.			·. ·
ROUTE NAME:	*****	and the second s			•
DIRECTION:					. <u>.</u>
TIME PERIOD : PLS. CHECK :	_				
DATE OF SURVEY:		WEATHER:			1
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LOCATION OF STOP (PLS. INDIC	ATE ALSO EXACT	τ 1	M E	NO. OF PA	SSENGERS
LOCATION SUCH AS POPULAR PARKS, ETC.)	BOILDINGS, MARKETS,	ARRIVED	DEPARTED	BOARDING	ON BOARD
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Bus/Mini Bus Operation/Passenger Traffic Survey Sheet

		٠	SHE	ET NO.L	
STA, NAME:	r	TA NO [TIT		
ROUTE NAME:	د ا	ти, NU. L. Ia:			
DIRECTION:	S	EATING CA	APACITY		
BUS CORPORATION:		\Box			
TYPE OF SERVICE: PLEASE CHECK APPROPRIATE BOX	BELO	₩.	-		
PROVINCIAL MINI BUS STD. PAG-1816 LOVI	ORDI	NARÝ		IMITED	
TIME PERIOD PLS. CHECK: 7:00-10:00 a.m.	E BUS	ን የነሰስ ዓመነበር	טוביים.	008LE-D	150KEK 12.00 5 =
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Appendix 13.11 Schedule of Jeepney Operation Characteristics Survey

				Cnaracter	Characteristics Survey					
Date	Station Name	No. of Routes	No. of Supervisors	No. of Supervisors		Station Name	No. of Roures	No. of Supervisors	No. of Supervisors	. 20
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לייון אין לייון אין אין אין אין אין אין אין אין אין אי	Circaring Carling		3 4	±7	January 27 (Thu.)	Pasay Rotonda	15	71 (<u> </u>	•
:	Raciaran) K	۲ ط	54		Monumento	n C	4 (1 13	
	Pasay/Rtda/Libertad	, v		- FF		Kecto	. 12	1 W	3 12	
	Cubao	111	· ਜ਼	18		Quiapo	26	ı m	57	
		105	12	173	•		173	12	176	1
January 24 (Mon.)	Zapote	٠,		٧,		O to a		"	54	
	Sucat	22		24	January 28 (Fri.)	Passay Robonda	1,0	. 0	17	
	Pasay Rotonda	24	7	24		Libertad	36	: 2 1	38	
	Mantrade	16	-	. 16		Vito Cruz		swi	9	
	Guadalupe/Makati	24	61	24	. :	Novaliches/Lagro/Fairview		2) (14	
	V10 Cruz	10		 X) L		Pier	44.00	2	**	ł.
	Leon Guinto	20		22			155	12	163	
A 1	T.M. Kalaw	13	٠,	13	Ismen 31 (Mon.)	Recto	15	12	20	
.3-	Crossing	18	-	19	January 44 William	Vito Cruz	13	H	20	
-1		167	12	173		Leon Guinto	22	7	30	
1				•		Guadalupe/Makati	7	નું (o မှ	
January 25 (Tue.)	1RC/Kalentong	32	2	35		Monumento	p-1 7	74 +	3 5	
Control of Control	Stop & Shop	14	1	14		Pier South	1 4	۰ د	2 2	
	San Juan	11		= '		Sra. Cruz	201	ı	15	
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	Pasig Marikina	. <u>c</u>	₹ ₩	01				ų «		
	Cubao	57	m	95	February 1 (Tue.)	Cubao	27	v 4	1 4 V	
	Muñoz/Proj. 8/Proj. 6	12	7	12		biumentito Dinasatang	64			
		167	12	166			42	v	83	
Tannan 26 (Wed.)	Kalaw	13	о -н	14	February 2 (Wed.)	Divisoria	۰,	, ,	လင္ဂ	
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	Balintawak	σ,		<u>9</u>		España Rotonda	11	; , , ,	16	
	Monumento	35	m	38		an	7	Н	M	
	Frisco/Roxas District/	4	er	7,		Recto	10	н,	17	٠
	Blumentint/Dimesolene	<u>.</u> 4	n er	: 3		Herbosa	12	ы	15	٠,
	Recto/Sta. Cruz	33	. 4	35			7.1	L	94	
		160	12	167	February 3 (Thu.)	Baciaran	38	4	38	
			,			Makati	7	eia i	7	
		. *				Alabang	17	r-t	17	1
							2.5	9	57	
								103	1 404	
						Dry Run (Jan. 20)		27	170	
						TOTAL		115	1.574	
				٠						1

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Appendix 13.12 Schedule of Bus Operation Characteristics Survey

Date	Station Name	No. of Routes	No. of Supervisors	No. of Supervisors
February 1 (Tue.)	Lawton Cubao Quiapo	7 5 12	2 2 2	21 15 30
		24	6	66
February 2 (Wed.)	Divisoria UP Sta. Cruz Monumento	7 3 5 5	2 1 1	22 7 12 16
		19	5	57
February 3 (Thu.)	Baclaran Makati MIA Alabang	13 22 5 9	2 2 1 1	26 39 10 18
<u> </u>		49	6	93
		TOTAL	17	216

Coding Sheet for Jeepney Operation/Passenger Traffic Survey

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TIME	PER	don	: PL:	S.CH	HECH	<::[].	7:00	0-10	:00	0.m.]12:0	00-3	ЮО р	m 4:00-7:00 pm
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Coding Sheet for Bus/Mini Bus Operation/ Passenger Traffic Survey

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Appendix 13.15 Jeepney Terminal/Turning Point Sruvey Sheet

Date			Name	of Surveyo	or:				
Terminal (Code		Zone	Code		Termina	1 Nai	пе	
No. of Rou	ites and Fr	equenc	ies						
			No.	of Routes		No. of	Freq	uencies	
Terminatir	1 a								
Passing Th	irouah								
Intermodal	Through		-					1	
Tricycle	City Bus	Prov.	Bus	Mini Bus	Intra Jpy	Inter	Јру	PNR	LRT
				:					
No. of Que	eueing Jeep	neys			No. of Di	spatcher	s/Tr	affic Po	licemen
			119.5	. '		*			
1.000		Daint	10551	On Dood)	Land Use:				
Location	of Turning	PUINT	(0117	Oli Rudu)	Lana ose.		100		
•	k k							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Terminal F	-ee				Payee of	Terminal	Fee		
Jeepney	Bus	i.		Tricycle	-				en en en en en en en en en en en en en e
P/c	iay	P/day		P/day					
Road Condi	ition		L		·	· · · · · · · · · · · · · · · · · · ·			
				-					·
Traffic Co	ondition								
				<u> </u>	·			:	
Waiting/Re	sting Spac	e for	Jeepn	ey and Bus					
Traffic Ge	enerating A	rea/Fa	cilit	ies					
Facilities	related w	rith Je	epney	and Bus Op	eration				
		÷, .						+ , 1 ; <u> </u>	
Conditions	of Termin	al/Tur	ning	Point (Temp	orary or n	ot)			
		·						er er er e	

Appendix 13.16 Questionnaire Form for Jeepney Drivers

Date:		Name of Interviewer:	Location of Interview:
Terminal	Code:	Terminal Name:	Terminal Type:
	Seq. No.		
Item			:
AGE			
Driving Experienc (yrs.)	e		
Jeepney Operator			
Do you d same rou every da or not	te y		
s Peak Peak Hour	From		
Peak	То		
Waitin Maitin InoH	Waiting Time		
Σ	From		
o l	То		
Off F Peak Hour	Waiting Time		
Do you h comments this term	about		
Do you haidea how place become Terminal	this came a		
Inci-	Payee		
dental	Amount		
Ex- penses	Payee		
Louiso	Amount		
ar Na la la la la la la la la la la la la la	Payee		
	Amount		
	Payee		
	Amount		the state of the s
Driver's	Income		

Appendix 13.17 Questionnaire Form for Jeepney Dispatchers

Date:		Name of Interviewer:	Location of Interview:
Termina	1 Code:	Terminal Name:	Terminal Type:
S	eq. No.		
AGE			
Experie	nce		
No. of	Routes		
по	From		
Operation Hours	To.		
Ope	Total		
Dispatcher's working Hours	From		
atch	То		
Oisp W	Total		
Fixed	N.		
V)	e 1		
Dispatcher's and Duties/	Responsibilit		
Do you any com to this Termina	have ments		
Do you any ide this pl became Termina	a how ace a		
	1		
and of			
Amount and Purpose of Fee Collected			
Amc Pui			
Dispate Income	her's		

Bus Terminals Survey Sheet SURVEYOR DATE Bus Terminal Reconnaissance Survey

SHEET NO.:

TIME

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	Remarks. Terminal	
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Appendix 13.19

Tricycle Terminals Survey Sheet

TRICYCLE COVERED AREA SURVEY

SHEET NO.:

	·	LOS.	
		Terminal Fare	
1.	S	F. F.	
-	CHARACTERISTICS	To or	
	RIS	min.	
	SCTE	Terminal Area	
	HAR/	0,	
	Ö	Covered	
	•	SA	
1	Covered	Area No. (by Map)	
	Cove	Åreð (by	
		Terminal/ Station Name	
		Terminal/ Station N	
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		LRT	
	-	PNR	
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	0.0	Terminal (Road Name)	
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	-	No.	
1		Code No.	
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Appendix 13.20 Jeepney/Bus Occupancy Survey Sheet

IRECTION NAME			
ATE			
ODE:	☐ JEEPNEY	Bus	
Time	No. of Passenger On Board	Estimated Seating Capacity	Load Factor (%
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Appendix 13.21

Jeepney Driver Interview Survey Sheet

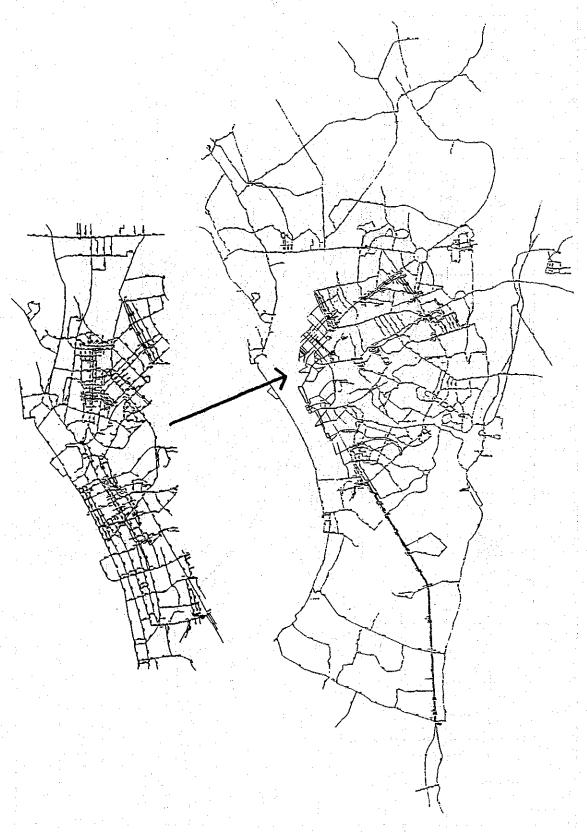
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DAY WEEK WE TO TO THIS. WENUE ONLY WENUE ONL	ROUTE NAME				DATE OF INTERVIE	3	7 Z	ACE OF ERVIEW		NAME NAME SUPER	RVIEWER OF RVISOR		
ΔΑΥ	TEM		_	23	L)	4	1	و	7	æ	6	01	AVE.
	WORKING HOURS / DAY												
		X											
	NO. OF DRIVERS ASSIGNED THIS VEHICLE.	٩											
	NO. OF OPERATING DAYS OF VEHICLE FOR THE LAST ONE	THIS WEEK,											
ΑΥ (YOU) (Y	AVE. TOTAL FARE REVENU	E / DAY											
AY COU FEY ? COTO DUTE?	. WEEKDAYS												
ΑΥ (YOU) (Y	. HOLIDAYS												
& OIL R OIL PER DAY HAVE YOU G THIS ROUTE?	AVE, EXPENSES / DAY												
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PER DAY HAVE YOU HAVE YOU HAVE YOU THIS ROUTE?	FUEL &												
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G HAVE YOU ING JEEPNEY? SHAVE YOU ING THIS ROUTE?	PERIO								,				
S HAVE YOU ING THIS ROUTE?	HOW LONG HAVE YOU BEEN DRIVING JEEPNEY	٠.,											
: TING CAPACITY :	BEEN DRIVING THIS ROUTE	۳.											
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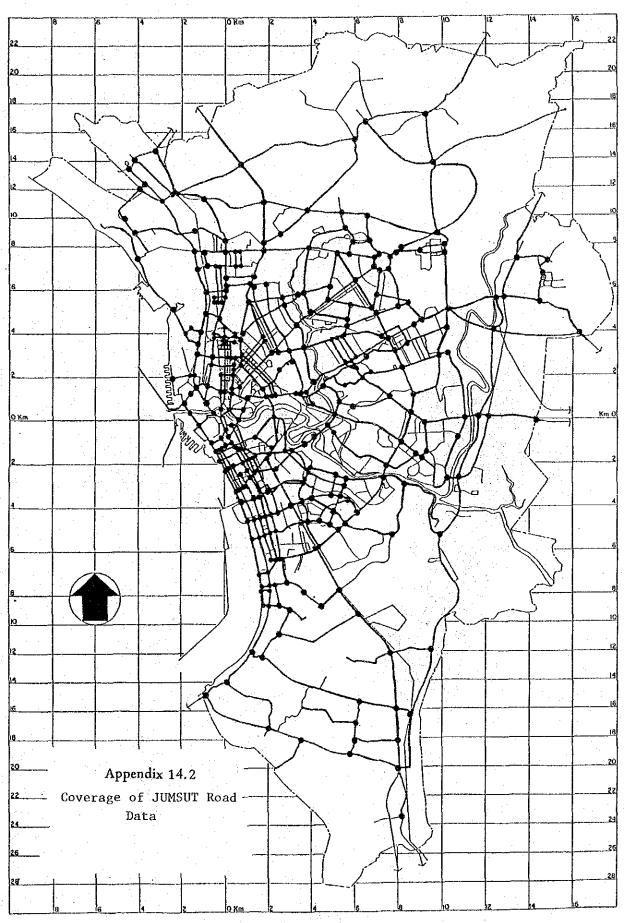
APPENDICES FOR CHAPTER 14

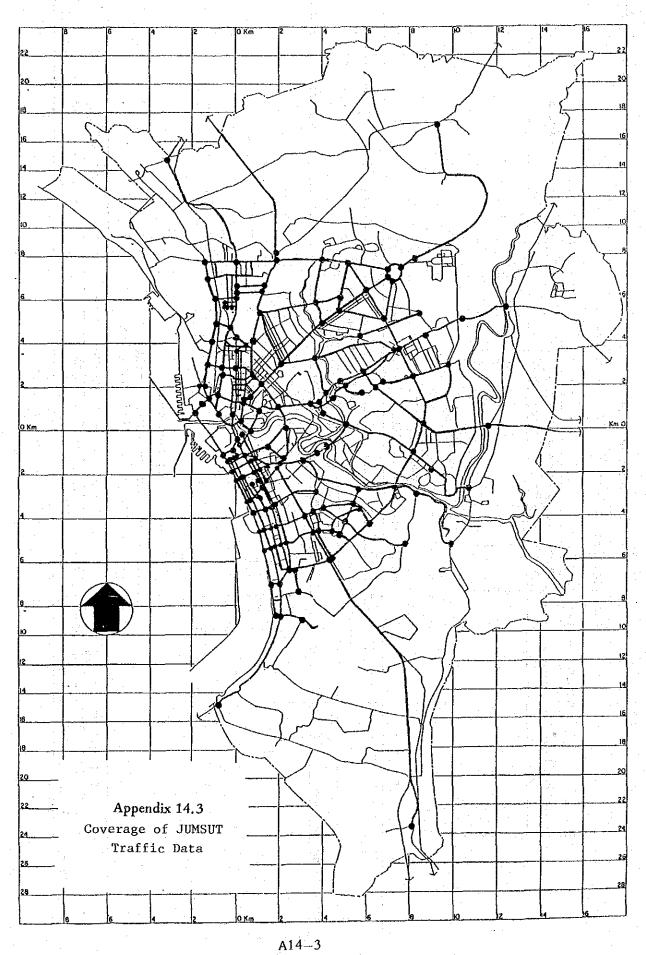
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	Viimbinger auto in the state of	

Appendix 14.1
EDP Road Network (1,687 sections)







Appendix 14,4

Tabulation Form of JUMSUT Road Data

ROAD SECTION		<u> </u>	ROAD WIDTH . meters	Ę. II	eters		PAV	PAVEMENT		
3	. dtgne		Carriageway	Sidewa	ik Me	dian	,		Remarks	
) SEDN	(Kms.) Tordi	500	(No. of Lanes Right Left Strip	Right L	S H	<u>-</u>	уре	Type Condition		
					_					

Appendix 14.5

Tabulation Form of JUMSUT Traffic Data

		Remarks	
	% Traffic		
	% of	Heavy Vehicles	
affic		Peak Hr. Period	
Peak-Hour Traffic	Hour	% to ADT	
Peak-	Hour	by. Truck Total	
	Traffic Volume / Hour	Bus/ Truck	
	raffic	~	
		% of Bus/Jpy. Car	
ADT)		Total Bus	
Traffic (ADT)	oort	Etc.	
	Transpo	Jpy.	
Average Daily	Public Transp	ck Bus	
ΑV		ar Truck	
uo.		Length (Kms.) Car	
Road Section		Мате	
		Corridor/Road	

Tabulation Form of JUMSUT Traffic Data in Comparison with Road Capacity

	Remarks	
Observed Travel		
. Rafio	Peak Hour	
Vol. /Cap. Ratio	Daily	
ecu)	(PCU/ (PCU/Lane/ Hour) Hour)	
Traffic (PCU)	(PCU/ Hour)	
F	ADT	
Estimated Capacity	ADT Peak Hour (PCU/ hicles/Day)(PCU/Lane/Hour) ADT Hour)	
Estimated	ADT (Venicles/Day)	
Carriage - way width	(No. of Lanes)	
ion	Length (Kms.)	
Road Section	Nome	
	Carridor/Road	

Appendix 14.7
List of JUMSUT Public Transport Data
Stored in the Magnetic Tape

ic rape	File Name ${\cal U}$	ion	by Time Period Basic Route No.	and Direction Individual Route No.	Time Period (Code)	No. of Samples	Scaling Capacity Terminal Time	Route Length (Up/Down)	Travel Time (Up/Down)	No. of Passengers (Up/Down)	Passenger-Kms. (Up/Down)	Passenger-Hrs. (Up/Down) No. of Heire	Down takenmenton	, -	ístics	Used mainly Basic Route No.	<u>-</u> -	compilation PDS A Code (O.D.)	and tabulation C2/C4 Code (O/D)	Provincial Code (O/D)	Corridor Codes (1-7)	Source Length	Route Length on Secondary Road	Route Length on LRT Corridor	Route Name	Route Information Mode No.	on Supply Individual Route No.	Characteristics Searing Capacity by Time Period	Hourly One-way Frequency by Time	Pertod	Terminal Time by Time Period		Route Information Mode No.	A	Characteristics per Hour by Direction and by Time	DOING TO THE TANK TO THE TANK TO THE TANK TO THE TANK THE	The state of the s	Time Period
Stored in the magnetic Lape	Date Included Fil	Mode No	No.		Time-Period (Code) Section Data (Report)	- Section No.		- No. of Boarding Passengers	- No. of Passengers On-Board	- Terminal Code		Mode No.	0.		မာဝ					No. of Alighting Passengers	Seating Capacity			Mode No.	Individual Route No.	-2		No. of Samples	No. of Boarding Passengers	No, of Passengers On-Board	No. of Alighting Passengers	. [-3 1cy			Mode No.	Individual Route No.	One way Breenen by House
	File Name1/	1 DT Maceus	- Sample Data of the	Operation: Charac	teristics Survey							2. Section Data	before Expansion											3. Section Data	after Expansion											4. Route Name	and Frequency	

J/File numbers correspond to those shown in Appendix 14.8

File Format of JUMSUT Public Transport Data Stored in the Magnetic Tape

1.	3 5 (2) 3 3 3 5 (41) 3 (41)
	10 9 9 (4) 9 (4) 9 (4) 9 (4) 9 (4) 9 (4) 9 (4) 9 (4) 9 (5) 9
2.	10 20 20 20 20 20 20 20 20 20 20 20 20 20
3.	HENDYNOUGH THE TENDENCY OF SERVICES OF SERVICES OF SAMPLES ON BORD OF SAMPLES ON BORD OF SAMPLES ON BORD OF SERVICES OF SERVICE OF
	9 9 (3) 9 9 (4) 9 9 (5) 9 (3) 9 (3) 9 (3) 9 (5) 9 (5) 9 (5) 9 (5) 9 (5) 9 (5) 9 (6)
4	AM AM AM AM AM AM PM PM
	x(60)
5	20 20 20 20 20 20 20 20 20 20 20 20 20 2
:	3 (8) 2 (8)

6 -	
	NID
	10 20 10 10 100
-2.	10 70 30 40 50 100 100 100 100 100 100 100 100 100
	9 9(4) X(5) 9(4) 9(4) 9(4) 9(4) 9(4) 9(4) 9(4) 9(4
	7
	10 20 10 40 50 80 10 80 90 100
	AVERAGE NO. OF PASSENGERS UP AVERAGE THE LINE THE UP AVERAGE NO. OF PASSENGERS UP AVERAGE THE LINE THE UP AVERAGE NO. OF PASSENGERS BOARDING OF PASSENGERS NO. OF PASSENGERS NO. OF PASSENGERS BOARDING NO. OF PASSENGERS NO. OF PAS
-3.	HOVE AND THE APP. EP. 16 HR. M.P. A.O.P. E.P. 16 HR. M
	9 9 141 9 (4) 9 (4) 9 (4) 9 (6) 9 (6) 9 (6) 9 (6) 9 (6) 9 (4
	100
	NO OS SANSONES DOWN AVENUE THE FORM INVESTIGATION DOWN
	A,O.P. E.P. 16 HB. M.P. AO.P. E.P. 16 HB. M.P. AO.P. E.P. 16 HB.
	2 (4) 2 (4) 4

Appendix 14.9 List of JUMSUT Public Transportation Data in the Form of Cards

File Name 1/	Data Included	File Name V	Data Included
Route Name and Code (Jeepney)	Route Number Route Name Terminal Code (O/D)	19. Frequency (Love Bus)	Route Number Direction One-Way Frequency by Hour
2. Route Length (Jeepney)	202 Zone Code (O/D) Route Number	20. Route Type (Love Bus)	Route Number Route Type
3. Frequency (Jeepney)	Route Length (kms) Route Number Direction	21. Route Name and Code (Mini-Bus)	Route Number Route Name 202 Zone Code
4. Route Type (Jeepney)	One-Way Frequency by Hour Rouse Number	22. Route Length (Mini-Bus)	Route Number Route Length (kms)
5. Route Name and Code (Standard Ordinary Bus)	Route Type Route Number Route Name 202 Zone Code (O/D)	23. Frequency (Mini-Bus) 24. Route Type	Route Number Direction One-way Frequency by Hour Route Number
6. Route Length (Standard Ordinary Bus)	Route Number Route Length (kms)	(Mini-Bus) 25. Route Name and Code	Route Type Route Number
7. Frequency (Standard Ordinary Bus)	Route Number Direction One-Way Frequency by Hour	(Provincial Bus Regular)	Route Name 202 Zone Code Route Number
8. Route Type (Standard Ordinary Bus)	Route Number Route Type	26. Route Length (Provincial Bus Regular) 27. Frequency	Route Number Route Length (kms) Route Number
9. Route Name and Code (Double Decker)	Route Number Route Name 202 Zone Code (O/D)	(Provincial Bus Regular)	Direction One-Way Frequency by Hour
0. Route Length (Double Decker)	Route Number Route Length (kms)	28. Route Type (Provincial Bus) 29. Road Section Length	Route Number Route Type Section Number
1. Frequency (Double Decker)	Route Number Direction One-Way Frequency by Hour	30. LRT Corridor Section	Section Length (meters) Section Numbers
2. Route Type (Double-Decker)	Route Number Route Type	31. Section Nos. by Corridor	Corridor Number Section Numbers Trunk Road Number
3. Route Name and Code (Limited Bus)	Route Number Route Name 202 Zone Code (O/D)	32. Section Nos. by Trunk Road 33. Terminal Code and Name	Section Numbers Terminal Code
14. Route Length (Limited Bus) 15. Frequency	Route Number Route Length (kms) Route Number	34. Section Nos. of Major Terminals	Terminal Name Major Terminal Number Major Terminal Name
(Limited Bus)	Direction One-Way Frequency by Hour	35. Road Names and Sections	Section Number Road Name Section Numbers
6. Route Type (Limited Bus)	Route Number Route Type	36. Road Sections outside Metro Manila	Section Numbers
17. Route Name and Code (Love Bus)	Route Number Route Name 202 Zone Code	37. Section by Zone (202 Zone System) 38. Conversion Table	202 Zone Number Section Numbers
18. Route Length (kms) (Love Bus)	Route Number Route Length (kms)	from MMUTIP 202 Zones to JUMSUT 64 Zones	64 Zone Numbers (in order)

 $\mathcal{U}_{\mathrm{File}}$ numbers correspond to those shown in Appendix 14,10,

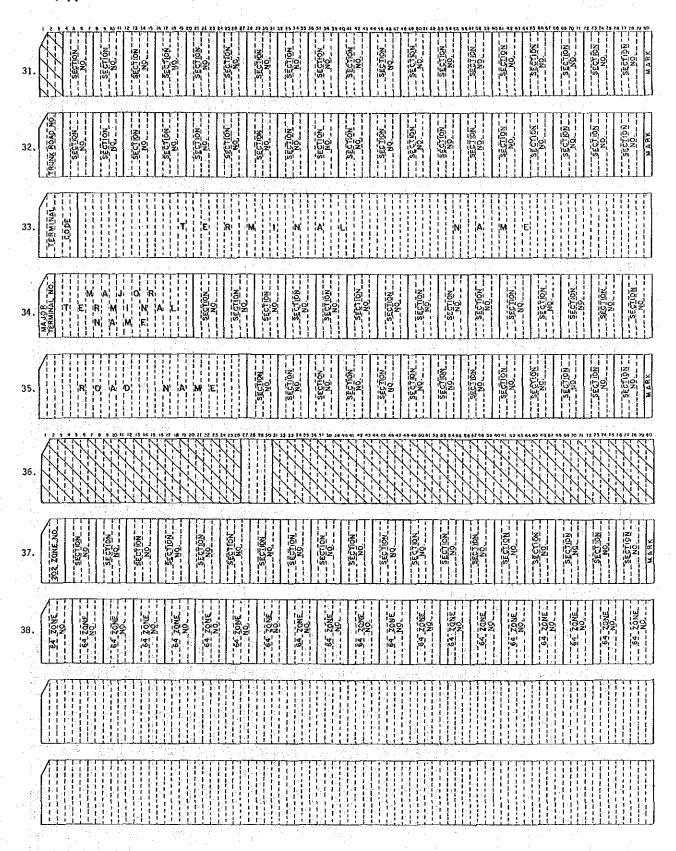
Appendix 14.10

Format of JUMSUT Public Transport Data Stored in the Form of Cards

•	Stored in the Form of Gards
1.	ROUTE NO STATES CODE TERMINAL
2.	ROUTE ROUTE
3,	O' N' E
4.	ROUTE TYPE ROUTE TYPE
5,	ROUTE NO.
6.	ROUTE ROUTE
7.	0 N E W A Y F R E Q D E N C Y B Y H O D R P B B P B P B P B P B P B P B P B P B
8.	ROUTE TYPE ROUTE TYPE
9.	ROUTE, NO.
10.	PROUTE & ROUTE & ROUTE & ROUTE & ROUTE & LENGTH LEN

(App.14.10 cont'd.)	en en en en en en en en en en en en en e	
11. (a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	R E Q U E N C Y, B Y H O U R 2 2 2 -1 1 -2 2 -3 3'-14 4 -5 5 -6 6 -7 7 -6 6 -9 9 -10 PM PM PM PM PM PM PM	
ROUTE TYPE ROUTE TYPE		
13. (F) (F) (F) (F) (F) (F) (F) (F) (F) (F)	R O U T E	ZOZ ZONE CODE
14. H LENGTH	THE LENGTH W. L'ENGTH	
15. O N E W A Y F R O N E W A Y F R O N E W A Y F R O N E W A Y F R O N E W A Y F R O N E W A W A M A M A M A M A M A M A M A M A	R E Q U E N C Y B Y H O U R 202-111-22:-33:-44-55-66-777-68-99-00 PM RM PM PM PM RM PM RM PM	
ROUTE TYPE ROUTE		200 200 200 200 200 200 200 200 200 200
17. H	R, O U, T, E, N, A M E	202.ZONE SODE
18. WWW. 15 HOUTE 18 HOU	THE PROUTE A ROUTE HOUTE A BOU	HOUTE LENGTH IMMS
19.	R E Q; U E N C Y B Y H O U R 202-111-221-331-44-55-661-77-66-399-10 PM RM PM HM PM HM PM	
ROUTE TYPE ROUTE TYPE ROUTE TYPE ROUTE TYPE ROUTE TYPE ROUTE NO. ROUTE NO. ROUTE TYPE ROUTE YOU.	ROUTE TYPE ROUTE TYPE	ROUTE TYPE ROUTE TYPE ROUTE TYPE ROUTE TYPE ROUTE TYPE ROUTE NO. ROUTE TYPE ROUTE TYPE ROUTE TYPE ROUTE TYPE

	2.2.4.8.4.7.4.10(H) H. H. H. H. H. H. H. H. H. H. H. H. H.
21.	R A A A A A A A A A A A A A A A A A A A
22.	ROUTE ROUTE
23.	O N' E M A Y F R E Q U E N G Y B Y H O U R O A A A A A A A A A A A A A A A A A A
24.	ROUTE TYPE ROUTE TYPE
25.	NOTE NOTE OF STREET STR
26.	ROUTE ROUTE
27.	O N E W A Y F R E O U E N C Y B Y H O U R O U R O U R O D R
28.	ROUTE TYPE ROUTE TYPE
29.	SECTION SEC
30.	SECTION SEC



Appendix 14.11

Data Stored in the Micro Computer

	Data	Format
ROU	TE INFORMATION	
1.	Mode No. JUMSUT Route No.	i1 i3
3.	MOTC Route Code	A5 3A8
4. 5.	BOT Route Code JUMSUT Route Name	A60
6. 7.	Terminal Code Terminal Zone Code	2A5 213
8. 9.	Route Length Route Type	F4.1 i1
10. 11.	No. of Units Running/Operating No. of Units Authorized	2i4 i4
12. 13.	Average Travel Speed by Time Period Average Seating Capacity	4F4.1 i3
14. 15.	Frequency by Hour Daily Average Travel Time (min.)	16i3 + i4 i4
16.	Daily Average Terminal Time (min.) Average Turn-Around Time by Time Period	i4 4i4
17. 18.	Vehicle-Kilometers	16 15
19. 20.	Vehicle-Hours Average Number of Round trips/Day/Vehicle Average Daily Kilometrage/Vehicle	
21. 22.	Average Load Factor by Time Period	4i3 3i2
23. 24.	Corridor Numbers Passed Node (Section) Numbers Passed	25i3 i7
25. 26.	Number of Pass/Day/Route Pass,-Kms/Day/Route	i8
	Average Trip Length Estimated Ave. Fare Revenue/Day/Vehicle	F4.1 i4
29. 30.	Interviewed Fare Revenue/Day/Vehicle Estimated Average Expense/Day/Vehicle	i4 i4
32.	Estimated Fuel Cost/Day/Vehicle Interviewed Ave. Expense/Day/Vehicle	i4 i4
33. 34.		i4 i4
	Interviewed Ave. Other Expense/Day/Veh.	i4
<u> UURR</u> 1.	IDOR INFORMATION Corridor No.	12
2.	Number of Lanes	i2 i6
3. 4.	Capacity Traffic Volume (Car/Taxi)	i6
5. 6.	Traffic Volume (Van/Truck) Traffic Volume (Jeepney)	15 16
7. 8.	Traffic Volume (Bus) Traffic Volume (Total	i6 i7
9.	Volume/Capacity Ratio	F4.2
TER	MINAL INFORMATION	
1.	Terminal Code	A5
2. 3.	Number of Pass. Boarding/Alighting Terminal Type	317 + 18 A8
4. 5.	Intermodal Relations No. of Routes	6A9 13
6.	No. of Units Operating	i 14

Appendix 14.12 Form of Jeepney Terminal List

No. of Possengers	Carried	
No of F	Boarding/ Alighting	
	Frequency (16 hrs.)	
	No.of Routes	
Traffic	Situation Queuing or not	
	Terminal Location Office Roa	
ic/ istics	Gen./ Transfer	
Traffic/ Characteristics	Terminating Passing G Thru	
	Intermodal Function	
	Land	
	Term. Individual Terminal Code Name	
	Term. Code	
	Combined Terminal Name	
	ż	
	Area	

Appendix 14.13
Form of Bus Terminal List

		T
	Jeepney Terminal	The second secon
	Name of Bus Company	
) ()	Totol Frequei (16 Hrs	
	No.of Routes	
uo uo	olfforf Ifoufic niveuQ	
U	nimieT Locatio NO\nO	
J	\nea Transite	
	Type of Bus	
	Terminal Type	
ction	PNPCRT	
al Pun	7	
Intermodal Function	CB PB MBCJ	
	<u>⊬</u> 85	
	Land Use	
	Terminal Name	
	Zone Terminal Code Code	
	Zone	

Appendix 14,14

	Áτ	Average Income (De	
		Terminal Fee	
		Name of Asso.	
	385	Covered	
	LAND USE	Terminal Covared Name of Area Area	_
		Termina! Name	
	33	PNR	
	OTHER MODES	Prov. Jpy Cily Jpy	
	<u>E</u>	Min) Bus	
	I L	CIIA Briz	
S		Prov. Bus	<u> </u>
II Li		On/Off Road	
ij.		(year)	
Ę		Jonim197 Stort	
e Te			
rg.			
Form of Tricycle Terminal List		Time Time No. of Trips/Day	
orm o		pnitinW selbideV	
- F4		No of Obstating No of	
		No. of Terminating Poins	
		Obvered Area (ha)	
		Terminal (Road Name)	
		Termin al Code	
		Terminal Service Area Code	

Appendix 14.15
Reference Table for the
Different Zoning Systems

				4.4.47	MUNI- CIPA-				en en en en en en en en en en en en en e		MUNI- CIPA-
MMUTIP	JUMSUT	JUMSUT	JUMSUT	JUMSUT	LITY	MMUTIP	JUMSUT	JUMSUT	JUMSUT	JUMSUT	LITY
217 (202 + 15)	74	64 (58 + 6)	40 (37 + 3)	27 (24 + 3)	17	217 (202 + 15)	74	64 (58 + 6)	40 (37 + 3)	27 (24 + 3)	17
1	71	1	1	1	1	61	53	26	31	:5	2
2	70	2	ì	1	1.	. 62	54	28	31	5	2
3	69	3	1	1	1	63	53,56	28	31	5	2
4	26, 69	. 3	. 1	1	. 1	64	50,55	27	28	6	3 .
5	3,4,5,26	4	1	1.	1	65	46,48,50	22	28	6	3
6	3,4,5,25,27,29	4	2	2	1	66	57	23	27	6	3
7	5,28,30	. 5	1	1	. 1	67	59	30	27	ó	3
8	30,32,34,69	6	1	1 .	1	68	55	22	28	6	3
9	71	1	1	. 2	1	69 70	55	27	28 28	6	3
10	9, 36	8	2	2	1	71	55 55	29 22	28 28	6	3
11	34, 36	. 8	2 . 2	2 · 2	. 1	72	55°	29	28	6	. 3
12 13	8,9,34,36 8,9,35,37	8 9	2	. 2	1	73	59	30	27	6	3
14	8,34,35	7	2	2	1	74	59	30	29	: 6	3
15	6,7,31,32,33,34	-	2	2	1	75	59	30	29	6	3
16	5,6,29,31	5	2	2	1	76	59	53	29	6	3
17	37	9	3	. 2	1	77	55	29	29	6	3
18	35, 37	9	. 3	2	1	- 78	55	27	29	6	4
19	35	7	4	3	1.11	79	61	31	24	7	4
20	60	. 13	4	3	1	80	60	24	24	7	. 4
21	60	13	. 4	3	1	81	60:	24	24	7	4
22	63	12	4	3	1	82	60	32	24	7	4
23	33,35	7	4	3	1	83	61	32	24	7	4
24	63	12	4	3	1	84 85	61 61	31 33	:24 24	7	4
25	29,31	. 5	4.	3	1	86	61 .	33	24	7	4
26 27	63 60	12	4	3	1 1	87	62	34	23	8	- 5
28	60	13 .13	4 5	3	1	88	62	34	23	8	5
29	60	32	5	3	1	89	62	34	23	8	5
30	60	24	9	4	1	90	60 -	32	23	8	5 7 ·
31	60	13	5	4	1	91	60	34	23	8	5
32	60	13	3	4	1	92	60	34	17	12	6
33	37	9	3	4	1	93	63	35	17	12	6
34	38	- 6	6	. 4	1.	94	63	35	17	12	6
35	10,38	. 10	. 6	. 4	1	95	63	35	15	9	6
36	10,11	-11	6	4	1	96	25,27	36	. 15	9	6
37	39	11	7	4 .	1	97	23,25,73	36	15	9	6
38	11,12,40,41	17	6	4	1	98 99	21,23,73	43	15 15	9	6
39	11,12,39,42	16	7	4	1	100	74 74	38 37	15	9	6
40	39,42	15.	7	4	1	101	63	37	15	9	6
41 42	.42 12,13	15		- 4	1	102	74	37	16	ģ	6:
43	12,13,41,43	18 18	8 8	4	1	103	74	38	16	ģ	6
44	13,14,43,45	19	8	4	î	104	74	38	16	9	.6
45	13,14,44	20	8	4	1	105	64	39	16	9	6
46	44,46	20	9	. 4	1	106	64.	. 39	18	12	6
47	42	15	7	4	. 1	107	64	40	18	12	. 6
48	57	23	. 9	4	. 1	108	64	37	18	12	6
49	58	14	7	4	. 1	109	63	34	18	12	6
50	- 58	14	9	4	1	110	62	34	18	12	6
51	58	14	9	4	1	111	62	34	18	12	6
52	57	23	9	4	1	112	62 62	41	18	12 12	6
53	45,47	21	30	5	2 2	113 114	62	41 41	18 19	11	
54	14,15	21	30	5 5	2	115	62	41	19	11	6
55 56	15,16,47,49	25	30 30	5	2	116	62	41	19	11	6
56 57	15,16,48,50 16,17,18,49,51	25 25	30	5	2	117	62	41	19	11	6
57 58	16,50	25	30	5	2	118	62	41	19	11	6
59	17,52	25 26	30	5	2	119	62	41	19	11	6
60	17,18,52	26	31	5	2	120	64	40	19	11	6

					MUNI-			-			MUNI- CIPA-
MMUTIP	JUMSUT	JUMSUT	JUMSUT	JUMSUT	CIPA- LITY	MMUTIP	JUMSUT	JUMSUT	JUMSUT	JUMSU'	LITY
217 (202 + 15)		(58 + 6)	$\frac{40}{(37+3)}$	$\frac{27}{(24+3)}$		$\frac{217}{(202+15)}$	74	(58 + 6)	$\frac{40}{(37+3)}$	$\frac{27}{(24+3)}$	17
121	64	40	19	11	6	171	62	50	25	18	11
122	62	50	20	10	6	172	61	52	26	19	12
123	64	40	20	10	6	173	61	51	26	19	12
124	64	39	20	10	6	174	61	51	26	19	12
125	64	49	20	10	6.	175	61	51	26	19	12
126	64	49	20	10 10	6	176	61	52	26	19	12
127 128	64 65	49 48	22 20	10	: 6 6	177 178	61 61	52 52	26 26	19 19	12 12
129	65	48	21	10	6	179	61	52	26	19	12
130	64	49	21	10	6	180	59	53	33	20	13
131	74	38	21	10	. 6	181	56	54	32	21	14
132	74	38	21	10	6	182	59	53	32	21	14
133	21,65	48	21	10	6	183	59	53	32	21	14
134	21,23	43	10	13	7	184	56	54	32	21	14
135	23,25	36	10	13 13	7	185 186	56 56	54 57	32 34	21 22	14 15
136 137	2,3 22,24	42 44	10 10	13	7	186 187	- 56	54	34 34	22	15
138	20,22	44	10	13	7	188	54	28	34	22	15
139	1,2	42	10	13	7	189	18,53,54	55	34	.22	15
140	1,20	44	. 10	13	7	190	54	56	34	22	15
141	1,21,66	43	10	13	7	191	54	56	34	22	15
142	65	48	10	13	7	192	56	54	34	22	15
143	65	48	11	14	. 7	193	56	57	34	22	15
144	65	: 48	11	14	7	194	56	57	36	23	16
145	66	47	14	15 -15	8 8	195 196	56 56	57 57	36 36	23 23	16 16
146	66 66	47 47	14 14	15	8 8	196	54	56	35	23	17
147 148	67	46	14	15	. 8	198	56	57	35	24	17
149	67	46	14	- 15	: 8	199	54	56	35	24	17
150	67	46	14	15	8	200	54	56	35	24	17
. 151	67	46	14	15	8	201	72	58	37	5	2
152	67	46	14	15	3	202	72	58	37	5	2
153	67	46	13	16	9	203	67	59	38	25	Outsid
154	19,66,67	46	13	16 16	9	204	66	59	38		etro Manil
155 156	67 68	46 45	13 13	16	9	205 206	65 62	60	38 38	25 25	
157	68	45	13	16	9	207	61	62	39	26	
158	68	45	13	16	9	208	61	62	39	26	
159	68	45	13.	16	9	209	59	63	40	27	,
160	68	45	12	17	10	210	54	64	40	27	
: 161	68	45	12	17	10	211	54	64	40	27	
162	68	45	12	17	10	212	_	-	38	25	
163	68	45	12	17	10	213		_	38	25	
164 165	62 62	50 50	25 25	18 18	11 11	214 215			40 40	27 27	
166	62	50 50	25 25	18	11	216		 	40	27	
167	62	50	25	18	11	217	-	·	40 .	27	
168	62	50	25	18	11						
169	62	50	25	.18	11						
170.	62	50	25	18	11.	4					é
· · · · ·		. d									
Note: Ti	ne MMUTIP 217 zones by	municipalit	y are as follo	ws:					*		
11				\$ -		* .					
Zone No.	City or Municipality	MMUTII 202 ZON	VES_		Zone No.	City or Municip	oality 20	MUTIP 12 Zones			
1	Manila	1 -	52		9	Malabor	n 15	3 – 159			
	Pasay City including	53 —			10	Navotas		50 - 163			
	Reclamation Area	201 - 2			11	Marikin		64 - 171			
	Makati	64 —			12	Pasig		72 — 179	7		
	Mandaluyong	79			13	Pateros		1.7			
	San Juan	87	91		14	Taguig	18	31 ~ 185			
							4.5				
6	Quezon City Caloocan City	92 1 134 1			: 15 16	Parañaq: Muntinl		36 193 94 196			

Appendix 14.16 List of JUMSUT HIS Data Stored in Magnetic Tape

	otored in magnetic Tape	<u> </u>
File Name & Data Included	File name & Data Included	File Name & Data Included
1. HIS 1980 Master - Sample Base	2. HIS 1983 Master - Sample Base	3. HIS 1980 Household Information
- Household Information	Household Information	Home Zone (HIS Zone)
Home Zone (HIS Zone)	Home Zone (IIIS Zone)	Household Number
Sequential Number	Sequential Number	Population Male under 7
Household Number	Household Number	7 and above
Population Male under 7		
•	Population Male Under 7	Total
7 and above	7 and above	Female under 7
l'otal	Total	7 and above
Female under 7	Female Under 7	Total
7 and above	7 and above	Total Under 7
Total	Total	7 and above
Total under 7	Total Under 7	Total
7 and above	7 and above	Employment Male
Total	Total	
and the second s	Household Income Level Code	Female
Household Income Level Code	Number of Vehicles Owned Bicycle	Total
Number of Vehicles Owned Bicycle	,	Household Income Income Level Code
Motorcycle	Motorcycle	Number of Vehicles Owned Bicycle
Jeepney	Jeepney	Motorcycle
Car	Јеер	Jcepney
Van/Pick-up	Car	Jeep
Truck	Van/Pick-up	Car
	Truck	Van/Pick-up
Tricycle	Tricycle	
Others	Others	Truck
Accessibility Tricycle Distance (m)		Tricycle
Time (min.)	Number of Vehicles Garaged Bicycle	Others
Jeepney Distance (m)	Motorcycle	Number of Vehicles Garaged Bicycle
Time (min.)	Jeepney	Motorcycle
Bus Distance (m)	Jeep	Jeepney
Time (min.)	Car	Jeep
Train Distance (m)	Van/Pick-up	Сат
Time (min.)	Truck	Van/Pick-up
Code (14) for record identification	Tricycle	Truck
	Others	Tricycle
- Household Member Inforzantion	Household Member Information	Others
Home Zone (HIS Zone)	Home Zone (HIS Zone)	Accessibility Tricycle Distance (m)
Sequential Number	Sequential Number	Time (min.)
Household Number	Household Number	
Sequential Member Number by Household	· ·	Jeepney Distance (m)
Age	Sequential Member Number of Household	Time (min.)
Sex Code	Age	Bus Distance (m)
Work Address (HIS Zone)	Sex Code	Time (min.)
School Address (HIS Zone)	Work Address (HIS Zone)	Train Distance (m)
Occupation Code 1	School Address (HIS Zone)	Time (min.)
2	Occupation Code 1	Expansion Factor
2	2	
Employment Sector Code	3	4. HIS 1980 Household Member
	Employment Sector Code	Information
Personal Income Level Code	Personal Income Level Code	momenton
Driver's License Code	Driver's License Code	Home Zone (HIS Zone)
Code (24) for record identification	Code (24) for record identification	Household Number
- Trip Information	Trip Information	Age
Home Zone (HIS Zone)		
Sequential Number	Home Zone (HIS Zone)	Sex Code Provincial Address (HIS Zone)
Household Number	Sequential Number	Provincial Address (HIS Zone)
	Household Number	Work Address (HIS Zone)
Sequential Trip Number by Household	Sequential Trip Number by Household	Occupation 1
Origin Zone (HIS Zone)	Origin Zone (HIS Zone)	2
Institution Code	Institution Code	3
Start Time Hour	Start Time Hour	Employment Sector Code
Minutes	Minutes	Personal Income Level Code
Destination Arrival Time Hour	Destination Arrival Time Hour	Driver's License Code
Minutes	Minutes	Expansion Factor
Institution Code	Institution Code	
Zone (HIS Zone)	Zone (HIS Zone)	f lite topo T - l-f
Trip Purpose Code From	Trip Purpose Code From	5. HIS 1980 Trip Information
То	To	
Mode Mode Code	Mode Mode Code	
Passenger / Driver Code		Home Zone (HIS Zone)
1st Transfer Mode Code	Passenger / Driver Code	Household Income Level Code
· · · · · · · · · · · · · · · · · · ·	1st Transfer Mode Code	Car Ownership Code
Passenger / Driver Code	Passenger / Driver Code	Age
Transfer Zone (HIS Zone)	Transfer Zone (HIS Zone)	Sex Code
2nd Transfer Mode Code	2nd Transfer Mode Code	I was to the second of the sec
Passenger / Driver Code	Passenger / Driver Code	Work Address/School Address (HIS Zone)
Transfer Zone (HIS Zone)	Transfer Zone (HIS Zone)	Occupation Code
3rd Transfer Mode Code	3rd Transfer Mode Code	Employment Sector Code
Passenger / Driver Code	Passenger / Driver Code	Personal Income Level Code
Transfer Zone (HIS Zone)	Transfer Zone (HIS Zone)	Driver's License Code
4th Transfer Mode Code	4th Transfer Mode Code	Origin Zone (HIS Zone)
Passenger / Driver Code	Passenger / Driver Code	Institution Code
Transfer Zone (HIS Zone)	Transfer Zone (HIS Zone)	Start Time Hour
Code (41 91) for record identification	Code (41 91) for record identification	Minutes
	The state of the s	

5, HIS 1980 Trip Information

(Cont'd.) Destination Arrival Time Minutes Institution Code Zone (HIS Zone) Trip Purpose Code From To Mode Mode Code Passenger / Driver Code 1st Transfer Mode Code Passenger / Driver Code Transfer Zone (HIS Zone) 2nd Transfer Mode Code Passenger / Driver Code Transfer Zone (HIS Zone) 3rd Transfer Mode Code Passenger / Driver Code Transfer Zone (HIS Zone) 4th Transfer Mode Code Passenger / Driver Code Transfer Zone (HIS Zone) **Expansion Factor** Personal Bit 6. HIS 1983 Household Information Home Zone (HIS Zone) Household Number Population Male under 7 7 and above Total Female under 7 7 and above Total Total under 7 7 and above Total Employment Male Female Total Household Income Level Code Number of Vehicles Owned Bicycle Motorcycle Jeepnéy Jeep Саг Van/Pick-up Truck Tricycle Others Number of Vehicles Garaged Bicycle Motorcycle Јесрпсу Jeep Car Van/Pick-up Truck Tricycle Others Expansion Factor 7. HIS 1983, 1980 Household Member Information Home Zone (HIS Zone) Household Number Age Sex Code Provincial Address (HIS Zone) Work Address (H1S Zone) School Address (HIS Zone) Occupation Code 1

> Employment Sector Code Personal Income Level Code Driver's License Code Expansion Factor

8, HIS 1983 Trip Information Home Zone (HIS Zone) Household Income Level Code Age Sex Code Work Address/School Address (HIS Zone) Occupation Code **Employment Sector Code** Personal Income Level Code Driver's License Code Origin Zone (HIS Zone) Institution Code Start Time Hour Minutes Destination Arrival Time Hour Minures Institution Code Zone (HIS Zone) Trip Purpose Code From Mode Mode Code Passenger Driver Code 1st Transfer Mode Code Passenger / Driver Code Transfer Zone (HIS Zone) 2nd Transfer Mode Code Passenger / Driver Code Transfer Zone (HIS Zone) 3rd Transfer Mode Code Passenger / Driver Code Transfer Zone (HIS Zone) 4th Transfer Mode Code Passenger / Driver Code Transfer Zone (HIS Zone) **Expansion Factor** Personal Bit 9. HIS Revised Trip Information (1980 and 1983 Merged) Home Zone (HIS Zone) Household Income Level Code Car Ownership Code Age Sex Code

Work Address/School Address (HIS Zone) Occupation Code Employment Sector Code Personal Income Level Code Driver's License Code Origin Zone (HIS Zone) Institution Code Start Time Hour Minutes Destination Arrival Time Hour

Institution Code

Zone (HIS Zone) Trip Purpose Code From To

Mode Mode Code

Passenger or Driver Code 1st Transfer Mode Code

Passenger / Driver Code Transfer Zone (HIS Zone)

2nd Transfer Mode Code

Passenger / Driver Code Transfer Zone (HIS Zone) 3rd Transfer Mode Code

Passenger / Driver Code

Transfer Zone (HIS Zone) 4th Transfer Mode Code Passenger/Driver Code

Transfer Zone (HIS Zone) **Expansion Factor**

10, Cordon Line All Vehicle Information

> Key (1) Station Number Identification Code Hour Vehicle Type Code Home Address (HIS Zone) Origin Zone (HIS Zone) Destination Zone (HIS Zone) Trip Purpose Code From

Number of Passenger Seating Capacity Toll Gate Code **Expansion Factor**

11. Cordon Line Public Transport Passenger Information

> Key (2) Station Number Identification Code Hour Vehicle Type Code Home Address (HIS Zone) Origin Zone (HIS Zone) Destination Zone (HIS Zone) Transfer Point (HIS Zone) Mode Code Trip Purpose Code From Expansion Rate

12. Distance Table Road Distance by Zonal Pair

13. Trip File

Origin Zone (Traffic Zone) Institution Code Start Time Hour Minutes Destination Arrival Time Hour Minutes Institution Code Zone (Traffic Zone) Trip Purpose From Mode Code Transfer 1st Mode Code 2nd 3rd 4th

14. to 89. O'D Tables

Expansion Factor

Converted Purpose Code

Converted Mode Code

No. of Trips by Mode by Trip Purpose by Time Period by Person/Vehicle on different zoning

Appendix 14,17 Format of JUMSUT HIS Data Stored in Magnetic Tape

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	10 20 20 20 20 20 20 20 20 20 20 20 20 20
	10 20 35 43 55 40 70 70 70 70 70 70 70 70 70 70 70 70 70
3.	10 30 30 100 100 100 100 100 100 100 100

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Appendix 14.18 List of JUMSUT HIS-Related Data in the Form of Cards

File Name	Data Included
1. HIS Zone/Traffic Zone	HIS Zone
Conversion Table	Traffic Zone
2. Traffic Zone/217 Zone	217 Zone
Conversion Table	
3. Traffic Zone/24 Zone	24 Zone
Conversion Table	
4. Traffic Zone/202 Zone	202 Zone
Conversion Table	
5. Traffic Zone/37 Zone	37 Zone
Conversion Table	
6. 217 Zone/24 Zone	24 Zone
Conversion Table	
7. 217 Zone/4 Zone	4 Zone
Conversion Table	
8. 217 Zone/14 Zone	14 Zone
Conversion Table	
9. 217 Zone/27 Zone	27 Zone
Conversion Table	
10. Population by Sex	Male by 202 Zone
by Zone	Female by 202 Zone
11. Population by sex/age	Male by Age/Municipality
by Municipality	Female by Age/Municipality
12. Area by Zone	Area by 202 Zone
13. No. of Households	Household by 202 Zone
by Zone	
14. Trip Purpose Conversion	From Purpose
Table	To Purpose
	Converted Purpose

Appendix 14.20 List of JUMSUT HIS Data Stored in the Micro Computer

<u> </u>	File Name	Data Included
1.	Trip Generation/ Attraction (217 Zones)	 Generation by Zone, by Mode and by Purpose (Trips/Day) Attraction by Zone, by Mode and by Purpose (Trips/Day)
2.	OD Table (27 Zones)	 Public OD Table by Purpose (Trips/Day) Private OD Table by Purpose (Trips/Day)
3.	Conversion Table from MMUTIP 202 Zones to JUMSUT 24 Zones	- 24-Zone No. for each 202 zone

Appendix 14.19 Format of JUMSUT HIS Related Data in the Form of Cards

	1 2 3 4 5 6 7 8 6 10 11 12 13 14 13 76 17 15 79 20 21 22 25 24 25 26 27 28 18 30 30 32 35 24 35 35 35 40 40 41 42 43 44 45 46 47 45 44 40 60 81 52 65 44 85 66 87 58 88 60 60 67 68 69 70 71 72 2	75 74 75 To T7 78 79 80
1	TRAFFIC IHIS ZONE COOK COOK COOK	
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12	ZIONE 1	
13	IIN ZONE 11 22	
14	FRIGHT TO I CONVERTED FURPOSE PURPOSE	

Appendix 14.21 Coding Method of JUMSUT Public Transport Data File (Magnetic Tape No. 3 – Appendix 14.8)

Γ	Date	Code	Explanation
(1) N	iode	1	Jeepney
		2	Ordinary Standard Bus
		3	Double Decker Bus
		4	Limited Bus
		5	Love Bus
		6	Mini Bus
		7	Provincial Bus
(2) 1	ndividual Route No.	1 - 744	Jeepney
	e de la companya de l	$1 - 162\frac{1}{}$	Ordinary Standard Bus
		1 - 3	Double Decker Bus
		1 - 5	Limited Bus
		1 - 28	Love Bus
		$1 - 117\frac{1}{}$	Mini Bus
		$1-150\frac{1}{}$	Provincial Bus
(3) 1	Time Period	1	Morning Peak (7 – 10 a.m.)
(3)		2	Afternoon Off-Peak (12 - 3 p.m.)
		3	Evening Peak (4 - 7 p.m.)
(4) 5	Section No.	1 - 1687	(See Map)
	Up/Down Code	12/	Up (following the sequence
(3).	9,20		of Section Nos, separately
			specified)
		2 <u>2/</u>	Down
		3	Unknown
			Secondary Roads
(6)	No. of Samples	(Number)	Surveyed No. of round trips
	Section Length	(Length)	In terms of meters
	No. of Boarding Passengers	(Number)	Per hour per vehicle
	No. of Passengers on-Board	(Number)	Per hour per vehicle
	No. of Alighting Passengers	(Number)	Per hour per vehicle
	Travel Time	(Time)	Average Travel Time of the
,,			Section in terms of seconds
(12)	Seating Capacity	(Number)	Average Seating Capacity
	One-Way Frequency	(Number x 10)	One-Way Frequency of the
			Time Period of the Route.
(14) 1	No. of Units	(Number x 10)	Estimated No. of Units
			Running of the Time Period
			of the Route.

^{1/}Numbers are discrete because some routes of different operators are integrated.

^{2/}Up/Down Code is specified only for major corridors and other trunk roads.

Appendix 14,22 Coding Method of JUMSUT Public Transport Data File (Magnetic Tape No. 6 – Appendix 14.8)

			and the second s	• •
		Data	Code	Explanation
	(1)	Mode	1	Jeepney
	(1)	Mode	2	Ordinary Standard Bus
		+	3	Double Decker Bus
		\$	4	Limited Bus
			5	Love Bus
			6	Mini Bus
	:		7	Provincial Bus
	(2)	Individual Route No.	1 - 744	Jeepney
	(2)	murriduai Routi. No.	1 - 1621/	Ordinary Standard Bus
			1 - 102=	Double Decker Bus
			1- 5	Limited Bus
			1 - 28	Love Bus
		•	1 - 28	Mini Bus
			$1 - 11/2$ $1 - 150\frac{1}{2}$	
	(2)	EDN D		Provincial Bus
	(3)	EDP Route No.2/	1 - 983/	Jeepney
	-		99 — 120	Ordinary Standard/Double
		*		Decker Bus
			121 123	Provincial Bus
		* 4	124 – 132	Love Bus
			133 — 139	Mini Bus
	(4)	Basic Route No.4/	1 - 196	Jeepney (inter-zonal)
			1 - 36	Jeepney (intra-zonal)
			1 - 52	Ordinary Standard Bus
			1 – 3	Double Decker Bus
			1 – 4	Limited Bus
			1 - 19	Love Bus
			1 - 12	Mini Bus
			1 - 5	Provincial Bus
	(5)	Origin/Destination	1 - 211 <u>5</u> /	MMUTIP 202 Zone Nos. of both ends of the Route.
	(5)	Zone Nos,		Route Type Classified in Relation to LRT
	(6)	Route Type	1 – 7	(see JUMSUT Report Chapter 6 for details).
	. (0)	House 1) pv	• ,	Relation to LRT (see JUMSUT
				Report Chapter 6 for details).
	(7)	EDSA Code		Inside EDSA
	(7)	EDSA Code	0	
	(0)	00/04 Calls	1	Outside EDSA
	(8)	C2/C4 Code	1	Inside C2
			2	Between C2 and C4
			3	Outside C4
			4	Outside Metro Manila
	(9)	Provincial Code	0	Within Metro Manila
			1	Outside Metro Manila (North)
		•	2	Outside Metro Manila (East)
			3	Outside Metro Manila (South)
	(10)	Corridor Codes	1 - 24	No. of Corridors Passed separately specified
				(up to 7 corridors).
	(11)	Route Length	(Length)	In terms of Kilometers
:		Route Length on	(Length)	Total Length of Trunk Roads
		Trunk Roads	-	covered by the Route (kms)
	(13)	Route Length on	(Length)	Total Length of Secondary
	.23,	Secondary Roads	1-22-20-17	Roads covered by the Route (kms)
	(14)	Route Length on	(Length)	Total Length of LRT Corridor
	(17)	LRT Corridor	PenPrn	covered by the Route (kms)
		PLT COMIGOR		covered by the Moute (kills)
	(15)	Route Name	(Name)	JUMSUT Route Name

 $[\]underline{\mathcal{W}}_{\text{Numbers}}$ are discrete because some routes of different operators are integrated,

²¹ An integrated route for running TRANSTEP on the JUMSUT 64-zone system.

^{3/}There are 55 jeepney individual routes with an EDP Route No. of zero (0). These are all intra-zonal routes which are not used in the EDP,

^{4/}Basic route is an integrated route based on the JUMSUT 64-zone system,

^{5/}Zone Nos. 203 to 211 are for areas outside Metro Manila.

